



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

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

March 4, 2022

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

RE: Exempt Modification Application  
88 Main Street, Monroe, CT 06468  
Latitude: 41.299722  
Longitude: -73.249444  
Site #: 826053\_Crown\_VZW

Dear Ms. Bachman:

Verizon Wireless is requesting to file an exempt modification for an existing tower located at 88 Main Street, Monroe, CT 06468. Verizon Wireless currently maintains twelve (12) antennas at the 165-foot level of the existing 195-foot tower. The property is owned by Stepany Volunteer Fire Co. and the tower is owned by Crown Castle. Verizon now intends to install three (3) antennas. The new antennas would be installed at the 165-foot level of the tower. This modification includes B2, B5 hardware that is both 4G (LTE), and 5G capable. Antenna mount modifications will be completed as per the attached Maser mount analysis dated December 1, 2021.

**Verizon Planned Modifications:**

**Remove:**

(3) Nokia B66A RRH  
(1) OVP

**Remove and Replace:**

(3) Nokia B25 RRH (REMOVE) – (3) Samsung RF4439D-25A RRH (REPLACE)  
(3) Nokia B13 RRH (REMOVE) – (3) Samsung RF4440D-13A RRH (REPLACE)  
(1) OVP (REMOVE) – (1) Raycap RCMD-6627-PF-48 12-OVP (REPLACE)  
(1) 6 x 12 Hybrid Lines (REMOVE) – (1) 12 x 24 Hybrid Line (REPLACE)

**Install New:**

(3) Samsung MT6407-77A Antennas

**Existing to Remain:**

(6) ANTEL Antennas  
(6) COMMSCOPE Antennas  
(6) Coax 1-5/8"

The facility was approved by the Monroe Planning & Zoning Commission on January 11, 2001, see attached.



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Please accept this letter as notification pursuant to Regulations of Connecticut State Agencies § 16- SOj-73, for construction that constitutes an exempt modification pursuant to R.C.S.A. § 16-50j-72(b)(2). In accordance with R.C.S.A. § 16-SOj-73, a copy of this letter is being sent to Ken Kellogg, First Selectman and Rick Shultz, Town Planner for the Town of Monroe. 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  
E-mail: [denise@northeastsitesolutions.com](mailto:denise@northeastsitesolutions.com)



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Attachments

Cc: Ken Kellogg, First Selectman  
Town Hall  
7 Fan Hill Road  
Monroe, Connecticut 06468

Rick Shultz, Town Planner  
Town Hall  
7 Fan Hill Road  
Monroe, Connecticut 06468

Stepney Volunteer Fire Co. – Property Owner  
88 Main Street  
Monroe, CT 06468

Crown Castle – Tower Owner

# Exhibit A

## **Original Facility Approval**

**KNOW ALL MEN BY THESE PRESENTS, THAT THE TOWN PLANNING AND ZONING COMMISSION OF MONROE, CONNECTICUT, by its own vote on January 11, 2001, granted a Special Exception Permit to --**

**VoiceStream Wireless, Inc.**, for property at -

**88 Main Street** (DI-1 zone) - for construction of new wireless communication facility and associated site improvements as provided in Article XXV of the Zoning Regulations.

**FURTHER**, the approval is given subject to the following specific conditions:

1. The following plans presented at the hearing concluded November 16, 2000, including revisions and additions herein specified by the Commission, shall be the approved plans of record and basis of approval:  
  
"Site Plan (site address) Stepney Vol. Fire Dept., 88 Main Street, Monroe, CT, SITE #CT 11-215A," by ARCNET Architects, Inc. and Diversified Technology Consultants, Last Revised 10-24-00; Sheet Nos. S-1 (Record Exhibit A), and Z-1 (dated 6-19-00).
2. The final installation tower height be erected at the height proposed in the formal application/presentation (195') above finished grade to accommodate co-location and applicant needs.
3. Adequate area and location shall be reserved on the tower to accommodate the needs of municipal emergency services.
4. The exterior of the westerly and southerly facing sides of the fence enclosure shall be screened with dense evergreen ornamentals approximating the height of the enclosure of a type and nature to be approved by the Commission.
5. Provide copies of relevant final approvals or authorizations of state or federal authorities to the Planning and Zoning Department as a matter of information.
6. Before initiation of the work, final revised plans, based upon the plans of record, shall be filed in the Planning and Zoning Department.
7. The plans shall be revised to incorporate and address all comments in the reviewing reports submitted as part of the application and not previously incorporated into the plans.
8. Final plans shall bear an endorsement block stating:

Re: Special Exception Permit  
VoiceStream Wireless, Inc.  
88 Main Street - Monroe, CT

Page 2

These plans are the final construction plans and have been reviewed by the Director of Public Works and Town Planner.

\_\_\_\_\_  
Town Planner

\_\_\_\_\_  
Director of Public Works

Said block must appear in the lower right corner of each plan page near the title block.

9. No signs of any nature, other than normal temporary construction signs, are approved by this application. The installation of signs shall be approved only through the normal permit procedure of the Commission.
10. Submittal of all bonds and insurances as required by local and state laws and by the Commission at such times as may be required during the term of construction of the overall project until such time as the improvements or work covered by the applicable bond or insurances is deemed to be acceptably complete by the Commission.
11. A pre-construction conference is to be held with the developer and/or general contractor, engineer and architect, and Town staff, including Town Planner, Director of Public Works, Sanitarian, Building Inspector, Fire Marshal, and police representative prior to any work on the premises.
12. As-built construction plans shall be provided promptly in accordance with Chapter 44 of the Code of the Town of Monroe.
13. Provision of copies of plans, details and/or specifications, as may be required by Town and State agencies from time to time.
14. Should this action be the subject of appeal to the courts, no time limit specified herein shall begin to run until such litigation is fully concluded (date of final court action).
15. The effective date of the special exception permit shall be the date of recording in the Monroe Land Records. It shall be the responsibility of the applicant to record the special exception permit document (prepared by the Planning and Zoning Department) in the Monroe Land Records. Failure to record said document within ninety (90) days of the date of approval shall render the approval null and void.

Re: Special Exception Permit  
VoiceStream Wireless, Inc.  
88 Main Street - Monroe, CT

Page 3

16. Failure to meet any specified condition of this approval or maintain compliance with applicable local, state or federal ordinance, regulation or laws may result in the ordered suspension of construction authorizations until such time as such failure or noncompliance has been satisfactorily resolved.
17. Should any changes in site plan be contemplated, they shall be submitted to the Commission for review. Should any changes be considered as major or substantial changes, they shall be applied for under a special exception permit application to modify the approved site plan. Minor changes are considered by the Commission as those which do not change the substance, impact or general locations involved in the proposal and may be authorized by the Commission after appropriate review.
18. It is the responsibility of the owner/developer to notify the Planning and Zoning Department of any change in the status of ownership and/or contractor(s) and/or professional design or inspection consultant involved in the proposal. Additionally, it is the responsibility of the owner/developer to notify any new owner and/or contractor(s) and/or consultants of all construction requirements including all job meeting notes and inspection notes produced up to the date of any such change in project related personnel.
19. This permit and all conditions specified herein shall be binding in perpetuity upon the applicant and property owner and his (their) heirs, assigns and successors unless otherwise amended by a subsequent act of the Commission.
20. This permit and all conditions specified herein shall be binding in perpetuity upon this parcel and premises unless otherwise amended or invalidated under the terms of this approval or a subsequent act of the Commission.

Dated at Monroe, Connecticut, this 16<sup>th</sup> day of January, 2001.

TOWN PLANNING & ZONING COMMISSION

Witness:

  
Mary E. Mennilli

  
Daniel A. Tuba  
Clerk of Commission

REC'D. FOR RECORD *Oct 4 20 01*  
AT *1:28 P.M.* ATTEST *Thomas A. Di Giovanni*  
*Ass.* MONROE TOWN CLERK

# Exhibit B

## Property Card



# 88 MAIN ST

**Location** 88 MAIN ST

**Map/Lot** 012/ 019/ 0Z/ /

**Acct#** 0120190Z

**Owner** STEPNEY VOLUNTEER FIRE  
CO

**Assessment** \$915,200

**Appraisal** \$1,307,400

**PID** 16246

**Building Count** 1

**Survey**

**Affordable**

## Current Value

Appraisal			
Valuation Year	Improvements	Land	Total
2019	\$1,088,900	\$218,500	\$1,307,400

Assessment			
Valuation Year	Improvements	Land	Total
2019	\$762,200	\$153,000	\$915,200

## Owner of Record

**Owner** STEPNEY VOLUNTEER FIRE CO  
**Co-Owner** DEBORAH HEIM, TREASURER  
**Address** 88 MAIN ST  
MONROE, CT 06468-1637

**Sale Price** \$0  
**Certificate** 1  
**Book & Page**  
**Sale Date**

## Ownership History

Ownership History				
Owner	Sale Price	Certificate	Book & Page	Sale Date
STEPNEY VOLUNTEER FIRE CO	\$0	1		

## Building Information

### Building 1 : Section 1

**Year Built:**

**Living Area:** 0

**Building Attributes**

Field	Description
Style	Vacant Land
Model	
Grade:	
Stories:	
Occupancy	
Exterior Wall 1	
Exterior Wall 2	
Roof Structure:	
Roof Cover	
Interior Wall 1	
Interior Wall 2	
Interior Flr 1	
Interior Flr 2	
Heat Fuel	
Heat Type:	
AC Type:	
Total Bedrooms:	
Total Bthrms:	
Total Half Baths:	
Total Xtra Fixtrs:	
Total Rooms:	
Bath Style:	
Kitchen Style:	
Fireplaces	
Wdstv Flues	
Basement Gar.	
Attic	
Basement	
In Law Apt	

### Building Photo



(<http://images.vgsi.com/photos/MonroeCTPhotos/\00\01\35\63.jpg>)

### Building Layout

([http://images.vgsi.com/photos/MonroeCTPhotos//Sketches/16246\\_16246](http://images.vgsi.com/photos/MonroeCTPhotos//Sketches/16246_16246))

Building Sub-Areas (sq ft)	Legend
No Data for Building Sub-Areas	

### Extra Features

Extra Features	Legend
No Data for Extra Features	

### Parcel Information

**Use Code** 431  
**Description** TEL REL TW  
**Deeded Acres** 0.23

**Land****Land Use**

**Use Code** 431  
**Description** TEL REL TW  
**Zone** I1  
**Neighborhood**  
**Alt Land Approved** No  
**Category**

**Land Line Valuation**

**Size (Acres)** 0.23  
**Appraised Value** \$218,500

**Outbuildings**

Outbuildings						Legend
Code	Description	Sub Code	Sub Description	Size	Value	Bldg #
RS1	Frame Utility Shed			360 S.F.	\$3,600	1
FN1	FENCE CHAIN			2520 L.F.	\$35,300	1
CCTM	CELL TOWER			3 UNITS	\$1,050,000	1

**Valuation History**

Appraisal			
Valuation Year	Improvements	Land	Total
2020	\$1,088,900	\$218,500	\$1,307,400
2019	\$1,088,900	\$218,500	\$1,307,400
2019	\$1,088,900	\$218,500	\$1,307,400

Assessment			
Valuation Year	Improvements	Land	Total
2020	\$762,200	\$153,000	\$915,200
2019	\$762,200	\$153,000	\$915,200
2019	\$762,200	\$153,000	\$915,200



114

012 016 0B  
114 MAIN ST  
1.69 Ac

012 017 00  
104 MAIN ST  
1.02 Ac

012 018 00  
96 MAIN ST  
0.41 Ac

012 019 00  
88 MAIN ST  
0.23 Ac

012 019 00  
88 MAIN ST  
3.91 Ac

012 020 0A  
525 PURDY HILL RD  
4.5 Ac

Stepney  
Volunteer Fire  
Company  
Station 1

012 050 00  
89 MAIN ST #91  
0.78 Ac

012 057 00  
84 MAIN ST  
1.83 Ac

012 058 00  
66 MAIN ST  
1.83 Ac

# Exhibit C

## **Construction Drawings**



**VERIZON SITE NUMBER:** 469148  
**VERIZON SITE NAME:** MONROE SOUTH CT  
**VERIZON FUZE ID:** 16244651  
**SITE TYPE:** MONOPOLE  
**TOWER HEIGHT:** 195'-0"

**BUSINESS UNIT #:** 826053  
**SITE ADDRESS:** 88 MAIN ST  
 MONROE, CT 06468  
**COUNTY:** FAIRFIELD  
**JURISDICTION:** TOWN OF MONROE

**VERIZON AWS MODIFICATION;4G\_850,5G\_L-SUB6-PREP**

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

**CROWN CASTLE**  
 1200 MACARTHUR BLVD, SUITE 200  
 MAHWAH, NJ 07430

**TOWER ENGINEERING PROFESSIONALS**  
 326 TRYON RD  
 RALEIGH, NC 27603  
 (919) 661-6351  
 TEP JOB #: 217657.633473

**VERIZON SITE NUMBER:**  
**469148**  
**BU #: 826053**  
**MONROE-1/RT 25**  
 88 MAIN ST  
 MONROE, CT 06468  
 EXISTING 195'-0" MONOPOLE

**ISSUED FOR:**

REV	DATE	DRWN	DESCRIPTION	DES./QA
0	01/03/2022	PSS	CONSTRUCTION	RST
1	02/07/2022	CJ	CONSTRUCTION	RST
2	02/14/2022	CJ	CONSTRUCTION	RST

**SITE INFORMATION**

CROWN CASTLE USA INC. MONROE-1/RT 25  
 SITE NAME:  
 SITE ADDRESS: 88 MAIN ST  
 MONROE, CT 06468  
 COUNTY: FAIRFIELD  
 MAP/PARCEL #: 012 019 00  
 AREA OF CONSTRUCTION: EXISTING  
 LATITUDE: 41° 18' 6.06" (41.3016830)  
 LONGITUDE: -73° 15' 2.92" (-73.250811)  
 LAT/LONG TYPE: NAD83  
 GROUND ELEVATION: 329 FT  
 CURRENT ZONING: I-1  
 JURISDICTION: TOWN OF MONROE  
 OCCUPANCY CLASSIFICATION: U  
 TYPE OF CONSTRUCTION: IIB  
 A.D.A. COMPLIANCE: FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION  
 PROPERTY OWNER: STEPNEY VOLUNTEER FIRE CO  
 88 MAIN ST  
 MONROE, CT 06468-1637  
 TOWER OWNER: CROWN CASTLE  
 2000 CORPORATE DRIVE  
 CANONSBURG, PA 15317  
 CARRIER/APPLICANT: VERIZON WIRELESS  
 180 WASHINGTON VALLEY ROAD  
 BEDMINSTER, NJ 07921  
 ELECTRIC PROVIDER: NORTHEAST UTILITIES  
 (800) 286-2000  
 TELCO PROVIDER: AT&T  
 (800) 286-2000

**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	COLOR CODE MATRIX
C-7	PLUMBING DIAGRAM
G-1	GROUNDING DETAILS
G-2	GROUNDING DETAILS
ATTACHED	MOUNT MODIFICATIONS

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

**APPROVALS**

SIGNATURE	DATE
_____	_____
_____	_____
_____	_____
_____	_____

**CONTRACTOR PMI REQUIREMENTS**

PMI ACCESSED AT <https://pmi.vxwsmart.com>  
 SMART TOOL VENDOR PROJECT NUMBER **10117476**  
 VzW LOCATION CODE (PSLC) **469148**

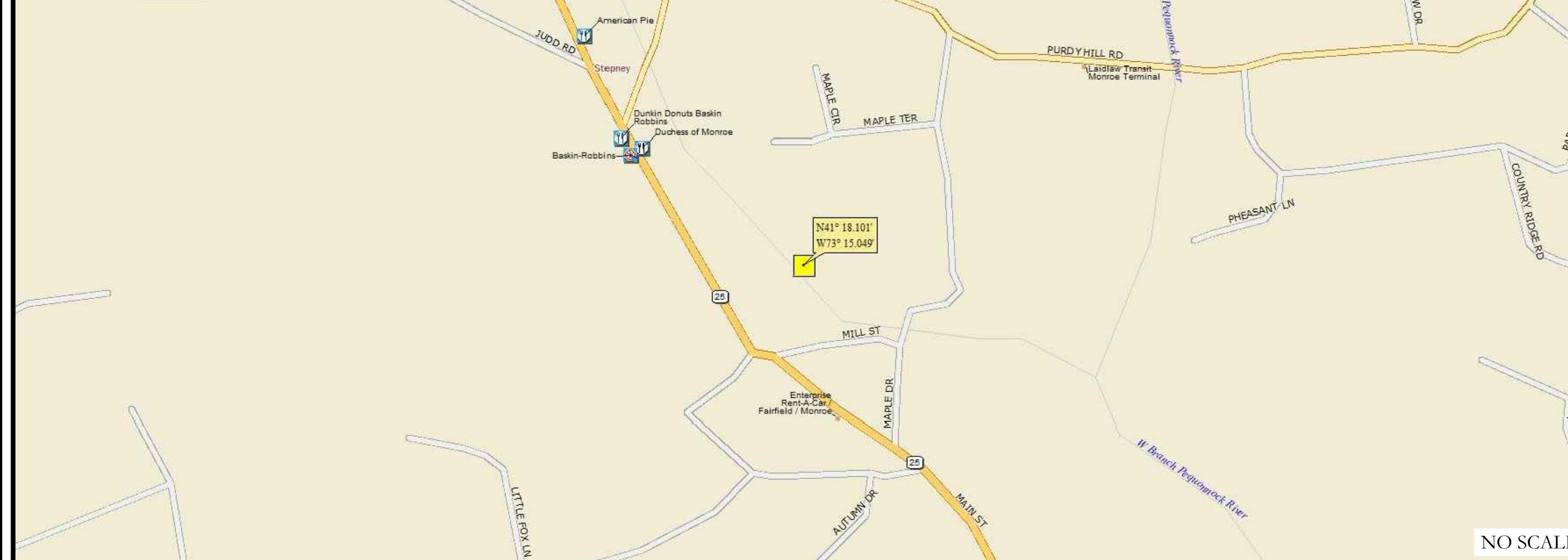
\*\*\* PMI AND REQUIREMENTS ALSO EMBEDDED IN MOUNT ANALYSIS REPORT

**MOUNT MODIFICATION REQUIRED** Y

**VzW APPROVED SMART KIT VENDORS**

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

**LOCATION MAP**



DRIVING DIRECTIONS FROM VERIZON LOCAL OFFICE (464 MAIN ST, MONROE, CT 06468)  
 HEAD SOUTHEAST ON CT-25 S TOWARD HUBBELL DR. TURN LEFT ONTO MILL ST.

**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: 10/11/2021  
 MOUNT ANALYSIS: MASER CONSULTING CONNECTICUT  
 DATED: 12/01/2021  
 RFDS REVISION: 0  
 DATED: 9/23/2021  
 ORDER ID: 589615  
 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) RRHs
- REMOVE (1) 6x12 HYBRID
- REMOVE (2) 6 OVP
- INSTALL PLATFORM MOUNT MODIFICATIONS
- INSTALL (3) ANTENNAS
- INSTALL (6) RRHs
- INSTALL (1) 12x24 HYBRID
- INSTALL (1) 12 OVP

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

**PROJECT TEAM**

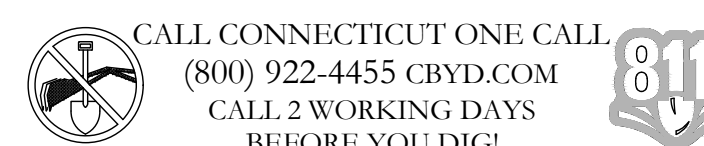
A&E FIRM: TOWER ENGINEERING PROFESSIONALS  
 326 TRYON ROAD  
 RALEIGH, NC 27603  
 (919) 661-6351  
 JOSEPH T. CRESS - PROJECT MANAGER  
 SCOTT C. BRANTLEY - CIVIL ENGINEER  
 CROWN CASTLE USA INC. DISTRICT CONTACTS:  
 6325 ARDREY KELL ROAD, SUITE 600  
 CHARLOTTE, NC 28277  
 SARA REA LOADHOLDT - A&E SPECIALIST  
 (704) 405-6548



02/14/2022

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:** 2



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

1. NOTICE TO PROCEED- NO WORK SHALL COMMENCE PRIOR TO CROWN CASTLE USA INC. WRITTEN NOTICE TO PROCEED (NTP) AND THE ISSUANCE OF A PURCHASE ORDER. PRIOR TO ACCESSING/ENTERING THE SITE YOU MUST CONTACT THE CROWN CASTLE USA INC. NOC AT 800-788-7011 & THE CROWN CASTLE USA INC. CONSTRUCTION MANAGER.
2. "LOOK UP" - CROWN CASTLE USA INC. SAFETY CLIMB REQUIREMENT: THE INTEGRITY OF THE SAFETY CLIMB AND ALL COMPONENTS OF THE CLIMBING FACILITY SHALL BE CONSIDERED DURING ALL STAGES OF DESIGN, INSTALLATION, AND INSPECTION. 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.
3. 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.
4. 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).
5. 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.
7. 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.
8. THE CONTRACTOR SHALL INSTALL ALL EQUIPMENT AND MATERIALS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS UNLESS SPECIFICALLY STATED OTHERWISE.
9. THE CONTRACTOR SHALL CONTACT UTILITY LOCATING SERVICES PRIOR TO THE START OF CONSTRUCTION.
10. 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.
11. ALL SITE WORK SHALL BE AS INDICATED ON THE STAMPED CONSTRUCTION DRAWINGS AND PROJECT SPECIFICATIONS, LATEST APPROVED REVISION.
12. 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.
13. 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.
14. 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.
15. THE SITE SHALL BE GRADED TO CAUSE SURFACE WATER TO FLOW AWAY FROM THE CARRIER'S EQUIPMENT AND TOWER AREAS.
16. THE SUB GRADE SHALL BE COMPACTED AND BROUGHT TO A SMOOTH UNIFORM GRADE PRIOR TO FINISHED SURFACE APPLICATION.
17. 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.
18. 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.
19. 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.
20. 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.
21. CONTRACTOR SHALL LEAVE PREMISES IN CLEAN CONDITION. TRASH AND DEBRIS SHOULD BE REMOVED FROM SITE ON A DAILY BASIS.
22. 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.

**GENERAL NOTES:**

1. 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.
2. THESE DRAWINGS HAVE BEEN PREPARED USING STANDARDS OF PROFESSIONAL CARE AND COMPLETENESS NORMALLY EXERCISED UNDER SIMILAR CIRCUMSTANCES BY REPUTABLE ENGINEERS IN THIS OR SIMILAR LOCALITIES. 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.
3. 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.
4. 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.
5. 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.
6. 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.
7. 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.
8. UNLESS NOTED OTHERWISE, THE WORK SHALL INCLUDE FURNISHING MATERIALS, EQUIPMENT, APPURTENANCES AND LABOR NECESSARY TO COMPLETE ALL INSTALLATIONS AS INDICATED ON THE DRAWINGS.
9. THE CONTRACTOR SHALL INSTALL ALL EQUIPMENT AND MATERIALS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS UNLESS SPECIFICALLY STATED OTHERWISE.
10. 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.
11. 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.
12. 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.
13. 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.
14. CONTRACTOR SHALL LEAVE PREMISES IN CLEAN CONDITION. TRASH AND DEBRIS SHOULD BE REMOVED FROM SITE ON A DAILY BASIS.

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

1. ALL CONCRETE WORK SHALL BE IN ACCORDANCE WITH THE ACI 301, ACI 318, ACI 336, ASTM A184, ASTM A185 AND THE DESIGN AND CONSTRUCTION SPECIFICATION FOR CAST-IN-PLACE CONCRETE.
2. UNLESS NOTED OTHERWISE, SOIL BEARING PRESSURE USED FOR DESIGN OF SLABS AND FOUNDATIONS IS ASSUMED TO BE 1000 psf.
3. ALL CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH (f'c) OF 3000 psi AT 28 DAYS, UNLESS NOTED OTHERWISE. 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.
4. 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.
5. 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
6. 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"
7. 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:**

1. ALL ELECTRICAL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS, NEC AND ALL APPLICABLE FEDERAL, STATE, AND LOCAL CODES/ORDINANCES.
2. CONDUIT ROUTINGS ARE SCHEMATIC. CONTRACTOR SHALL INSTALL CONDUITS SO THAT ACCESS TO EQUIPMENT IS NOT BLOCKED AND TRIP HAZARDS ARE ELIMINATED.
3. WIRING, RACEWAY AND SUPPORT METHODS AND MATERIALS SHALL COMPLY WITH THE REQUIREMENTS OF THE NEC.
4. ALL CIRCUITS SHALL BE SEGREGATED AND MAINTAIN MINIMUM CABLE SEPARATION AS REQUIRED BY THE NEC.
  - 4.1. ALL EQUIPMENT SHALL BEAR THE UNDERWRITERS LABORATORIES LABEL OF APPROVAL, AND SHALL CONFORM TO REQUIREMENT OF THE NATIONAL ELECTRICAL CODE.
  - 4.2. ALL OVERCURRENT DEVICES SHALL HAVE AN INTERRUPTING CURRENT RATING THAT SHALL BE GREATER THAN THE SHORT CIRCUIT CURRENT TO WHICH THEY ARE SUBJECTED, 22,000 AIC MINIMUM. VERIFY AVAILABLE SHORT CIRCUIT CURRENT DOES NOT EXCEED THE RATING OF ELECTRICAL EQUIPMENT IN ACCORDANCE WITH ARTICLE 110.24 NEC OR THE MOST CURRENT ADOPTED CODE PRE THE GOVERNING JURISDICTION.
5. 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.
6. 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).
7. PANEL BOARDS (ID NUMBERS) SHALL BE CLEARLY LABELED WITH PLASTIC LABELS.
8. ALL TIE WRAPS SHALL BE CUT FLUSH WITH APPROVED CUTTING TOOL TO REMOVE SHARP EDGES.
9. 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.
10. 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.
11. POWER AND CONTROL WIRING IN FLEXIBLE CORD SHALL BE MULTI-CONDUCTOR, TYPE SOOW CORD (#14 OR LARGER) UNLESS OTHERWISE SPECIFIED.
12. 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.
13. 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).
14. RACEWAY AND CABLE TRAY SHALL BE LISTED OR LABELED FOR ELECTRICAL USE IN ACCORDANCE WITH NEMA, UL, ANSI/IEEC AND NEC.
15. ELECTRICAL METALLIC TUBING (EMT), INTERMEDIATE METAL CONDUIT (IMC), OR RIGID METAL CONDUIT (RMC) SHALL BE USED FOR EXPOSED INDOOR LOCATIONS.
16. ELECTRICAL METALLIC TUBING (EMT) OR METAL-CLAD CABLE (MC) SHALL BE USED FOR CONCEALED INDOOR LOCATIONS.
17. SCHEDULE 40 PVC UNDERGROUND ON STRAIGHTS AND SCHEDULE 80 PVC FOR ALL ELBOWS/90s AND ALL APPROVED ABOVE GRADE PVC CONDUIT.
18. LIQUID-TIGHT FLEXIBLE METALLIC CONDUIT (LIQUID-TITE FLEX) SHALL BE USED INDOORS AND OUTDOORS, WHERE VIBRATION OCCURS OR FLEXIBILITY IS NEEDED.
19. CONDUIT AND TUBING FITTINGS SHALL BE THREADED OR COMPRESSION-TYPE AND APPROVED FOR THE LOCATION USED. SET SCREW FITTINGS ARE NOT ACCEPTABLE.
20. CABINETS, BOXES AND WIRE WAYS SHALL BE LABELED FOR ELECTRICAL USE IN ACCORDANCE WITH NEMA, UL, ANSI/IEEC AND THE NEC.
21. WIREWAYS SHALL BE METAL WITH AN ENAMEL FINISH AND INCLUDE A HINGED COVER, DESIGNED TO SWING OPEN DOWNWARDS (WIREMOLD SPCIMATE WIREWAY).
22. SLOTTED WIRING DUCT SHALL BE PVC AND INCLUDE COVER (PANDUIT TYPE E OR EQUAL).
23. CONDUITS SHALL BE FASTENED SECURELY IN PLACE WITH APPROVED NON-PERFORATED STRAPS AND HANGERS. EXPLOSIVE DEVICES (i.e. POWDER-ACTUATED) FOR ATTACHING HANGERS TO STRUCTURE WILL NOT BE PERMITTED. CLOSELY FOLLOW THE LINES OF THE STRUCTURE, MAINTAIN CLOSE PROXIMITY TO THE STRUCTURE AND KEEP CONDUITS IN TIGHT ENVELOPES. CHANGES IN DIRECTION TO ROUTE AROUND OBSTACLES SHALL BE MADE WITH CONDUIT OUTLET BODIES. CONDUIT SHALL BE INSTALLED IN A NEAT AND WORKMANLIKE MANNER. PARALLEL AND PERPENDICULAR TO STRUCTURE WALL AND CEILING LINES. ALL CONDUIT SHALL BE FISHED TO CLEAR OBSTRUCTIONS. ENDS OF CONDUITS SHALL BE TEMPORARILY CAPPED FLUSH TO FINISH GRADE TO PREVENT CONCRETE, PLASTER OR DIRT FROM ENTERING. CONDUITS SHALL BE RIGIDLY CLAMPED TO BOXES BY GALVANIZED MALLEABLE IRON BUSHING ON INSIDE AND GALVANIZED MALLEABLE IRON LOCKNUT ON OUTSIDE AND INSIDE.
24. 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.
25. 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.
26. 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.
27. 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.
28. 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.
29. INSTALL LAMICOID LABEL ON THE METER CENTER TO SHOW "VERIZON".
30. ALL EMPTY/SPARE CONDUITS THAT ARE INSTALLED ARE TO HAVE A METERED MULE TAPE PULL CORD INSTALLED.

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

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

**ABBREVIATIONS:**

- ANT ANTENNA  
(E) EXISTING  
FIF FACILITY INTERFACE FRAME  
GEN GENERATOR  
GPS GLOBAL POSITIONING SYSTEM  
GSM GLOBAL SYSTEM FOR MOBILE  
LTE LONG TERM EVOLUTION  
MGB MASTER GROUND BAR  
MW MICROWAVE  
(N) NEW  
NEC NATIONAL ELECTRIC CODE  
(P) PROPOSED  
PP POWER PLAN  
QTY QUANTITY  
RECT RECTIFIER  
RBS RADIO BASE STATION  
RETS 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

**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

**GREENFIELD GROUNDING NOTES:**

1. ALL GROUND ELECTRODE SYSTEMS (INCLUDING TELECOMMUNICATION, RADIO, LIGHTNING PROTECTION AND AC POWER GES'S) SHALL BE BONDED TOGETHER AT OR BELOW GRADE, BY TWO OR MORE COPPER BONDING CONDUCTORS IN ACCORDANCE WITH THE NEC.
2. THE CONTRACTOR SHALL PERFORM IEEE FALL-OFF-POTENTIAL RESISTANCE TO EARTH TESTING (PER IEEE 1100 AND 81) FOR GROUND ELECTRODE SYSTEMS, THE CONTRACTOR SHALL FURNISH AND INSTALL SUPPLEMENTAL GROUND ELECTRODES AS NEEDED TO ACHIEVE A TEST RESULT OF 5 OHMS OR LESS.
3. 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.
4. METAL CONDUIT AND TRAY SHALL BE GROUNDED AND MADE ELECTRICALLY CONTINUOUS WITH LISTED BONDING FITTINGS OR BY BONDING ACROSS THE DISCONTINUITY WITH #6 COPPER WIRE UL APPROVED GROUNDING TYPE CONDUIT CLAMPS.
5. 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.
6. 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.
7. 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.
8. ALL EXTERIOR GROUND CONDUCTORS BETWEEN EQUIPMENT/GROUND BARS AND THE GROUND RING SHALL BE #2 SOLID TINNED COPPER UNLESS OTHERWISE INDICATED.
9. ALUMINUM CONDUCTOR OR COPPER CLAD STEEL CONDUCTOR SHALL NOT BE USED FOR GROUNDING CONNECTIONS.
10. USE OF 90° BENDS IN THE PROTECTION GROUNDING CONDUCTORS SHALL BE AVOIDED WHEN 45° BENDS CAN BE ADEQUATELY SUPPORTED.
11. EXOTHERMIC WELDS SHALL BE USED FOR ALL GROUNDING CONNECTIONS BELOW GRADE.
12. ALL GROUND CONNECTIONS ABOVE GRADE (INTERIOR AND EXTERIOR) SHALL BE FORMED USING HIGH PRESS CRIMPS.
13. COMPRESSION GROUND CONNECTIONS MAY BE REPLACED BY EXOTHERMIC WELD CONNECTIONS.
14. ICE BRIDGE BONDING CONDUCTORS SHALL BE EXOTHERMICALLY BONDED OR BOLTED TO THE BRIDGE AND THE TOWER GROUND BAR.
15. APPROVED ANTIOXIDANT COATINGS (i.e. CONDUCTIVE GEL OR PASTE) SHALL BE USED ON ALL COMPRESSION AND BOLTED GROUND CONNECTIONS.
16. ALL EXTERIOR GROUND CONNECTIONS SHALL BE COATED WITH A CORROSION RESISTANT MATERIAL.
17. MISCELLANEOUS ELECTRICAL AND NON-ELECTRICAL METAL BOXES, FRAMES AND SUPPORTS SHALL BE BONDED TO THE GROUND RING, IN ACCORDANCE WITH THE NEC.
18. BOND ALL METALLIC OBJECTS WITHIN 6 FT. OF MAIN GROUND RING WITH (1) #2 BARE SOLID TINNED COPPER GROUND CONDUCTOR.
19. 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.
20. 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).
21. 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).



180 WASHINGTON VALLEY ROAD  
BEDMINSTER, NJ 07921



1200 MACARTHUR BLVD, SUITE 200  
MAHWAH, NJ 07430



TOWER  
ENGINEERING  
PROFESSIONALS

326 TRYON RD  
RALEIGH, NC 27603  
(919) 661-6351

TEP JOB #: 217657.633473

VERIZON SITE NUMBER:  
**469148**

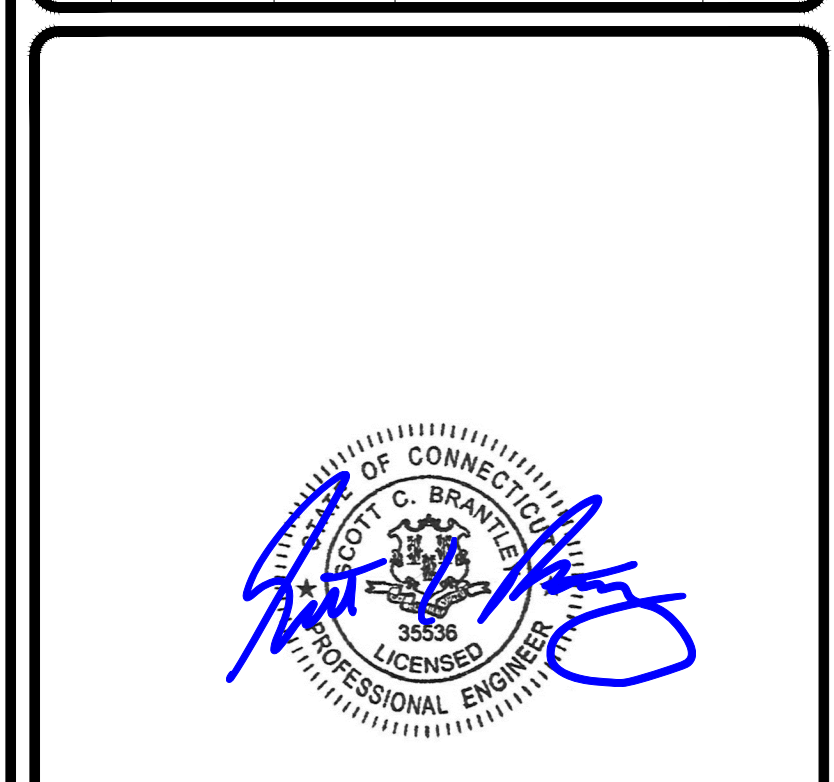
BU #: 826053  
**MONROE-1/RT 25**

88 MAIN ST  
MONROE, CT 06468

EXISTING 195'-0" MONOPOLE

**ISSUED FOR:**

REV	DATE	DRWN	DESCRIPTION	DES./QA
0	01/03/2022	PSS	CONSTRUCTION	RST

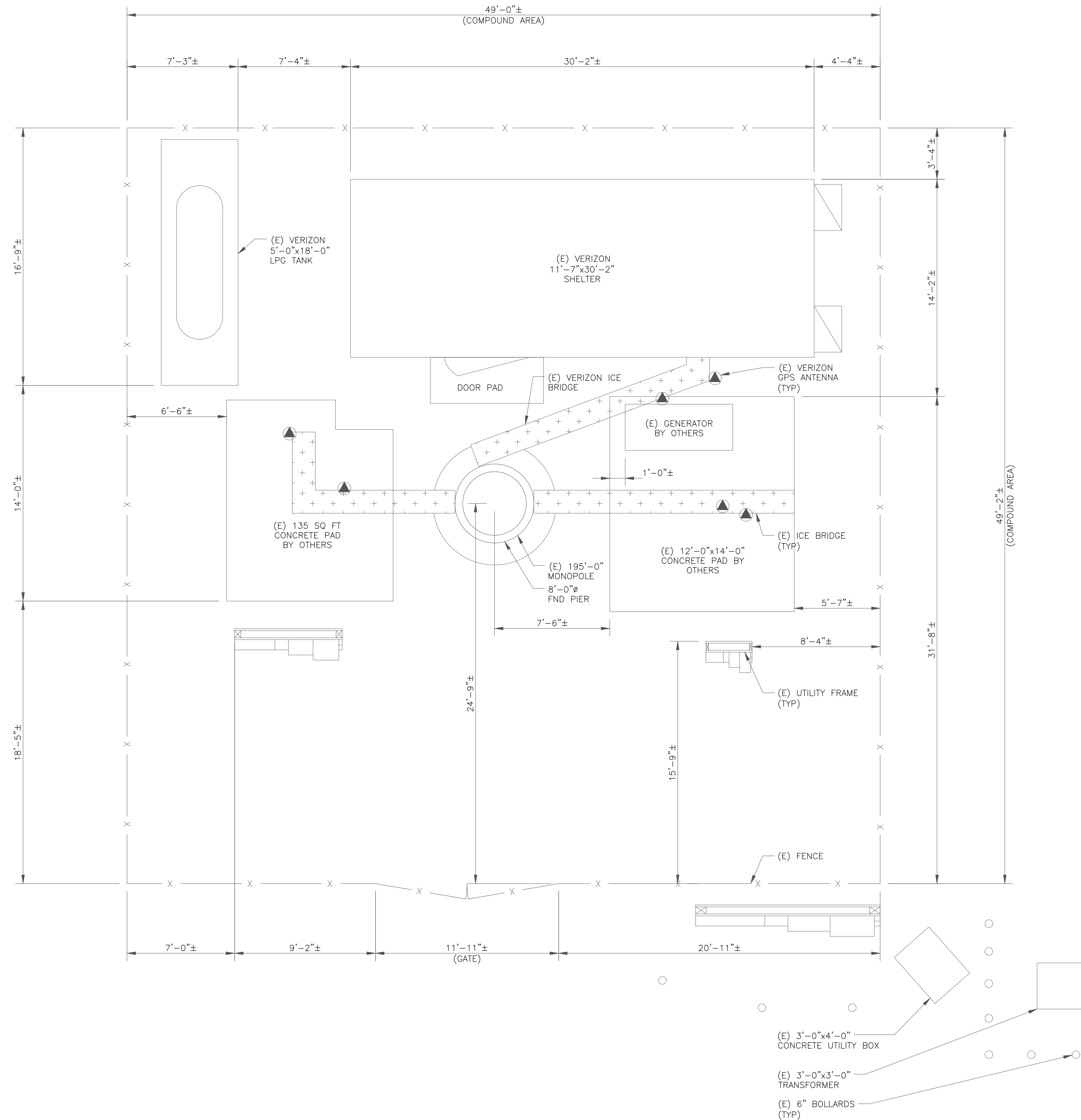


WILLIAM C. BRANTLEY  
35536  
LICENSED PROFESSIONAL ENGINEER

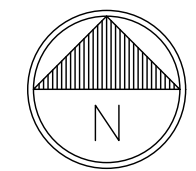
01/03/2022

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



1 SITE PLAN  
 SCALE: 1/2"=1'-0" (FULL SIZE)  
 1/4"=1'-0" (11x17)



**verizon**

180 WASHINGTON VALLEY ROAD  
 BEDMINSTER, NJ 07921

**CROWN CASTLE**

1200 MACARTHUR BLVD, SUITE 200  
 MAHWAH, NJ 07430

**TOWER ENGINEERING PROFESSIONALS**

326 TRYON RD  
 RALEIGH, NC 27603  
 (919) 661-6351

TEP JOB #: 217657.633473

VERIZON SITE NUMBER:  
**469148**

BU #: **826053**  
**MONROE-1/RT 25**

88 MAIN ST  
 MONROE, CT 06468

EXISTING 195'-0" MONOPOLE

**ISSUED FOR:**

REV	DATE	DRWN	DESCRIPTION	DES./QA
0	01/03/2022	PSS	CONSTRUCTION	RST

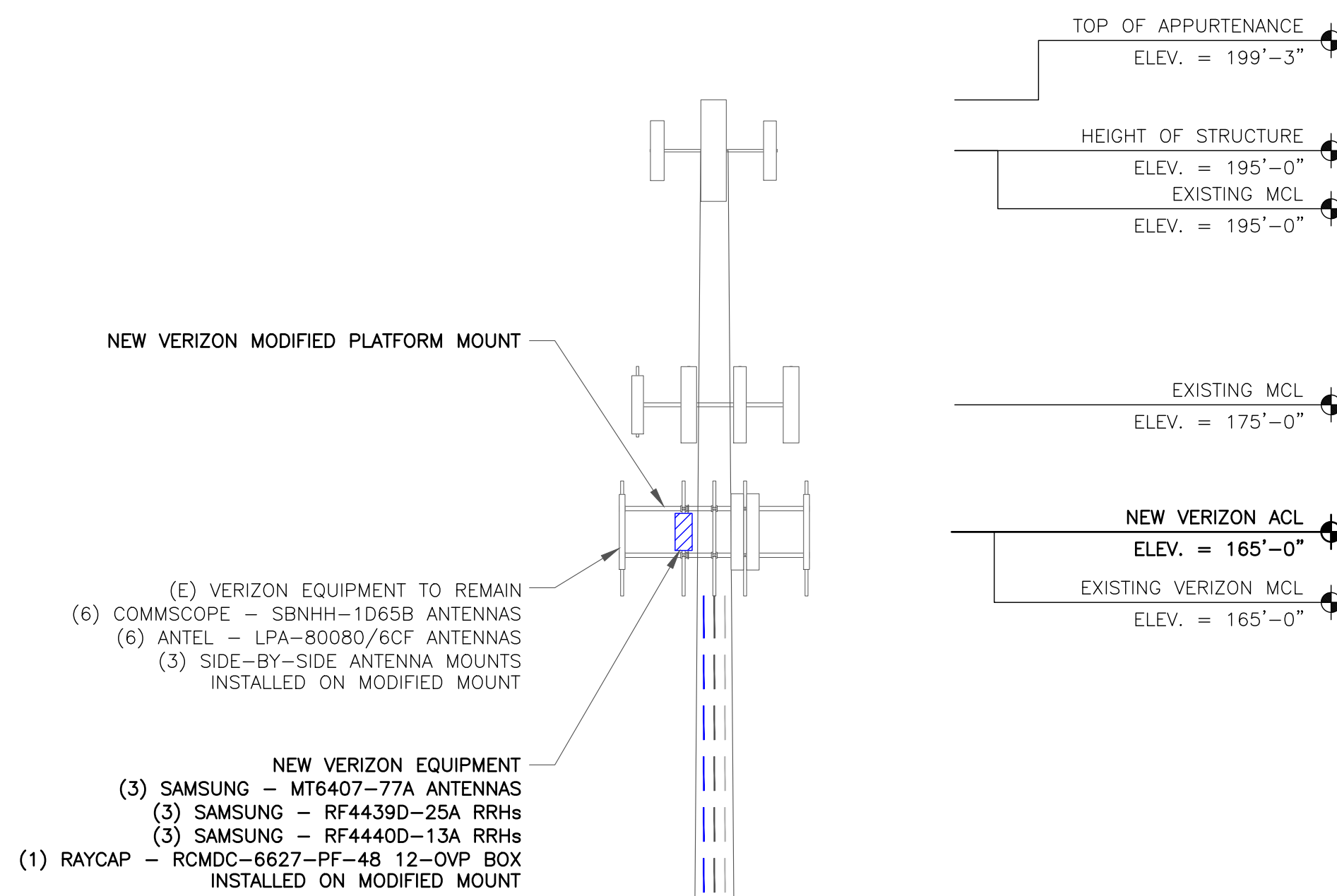


01/03/2022

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

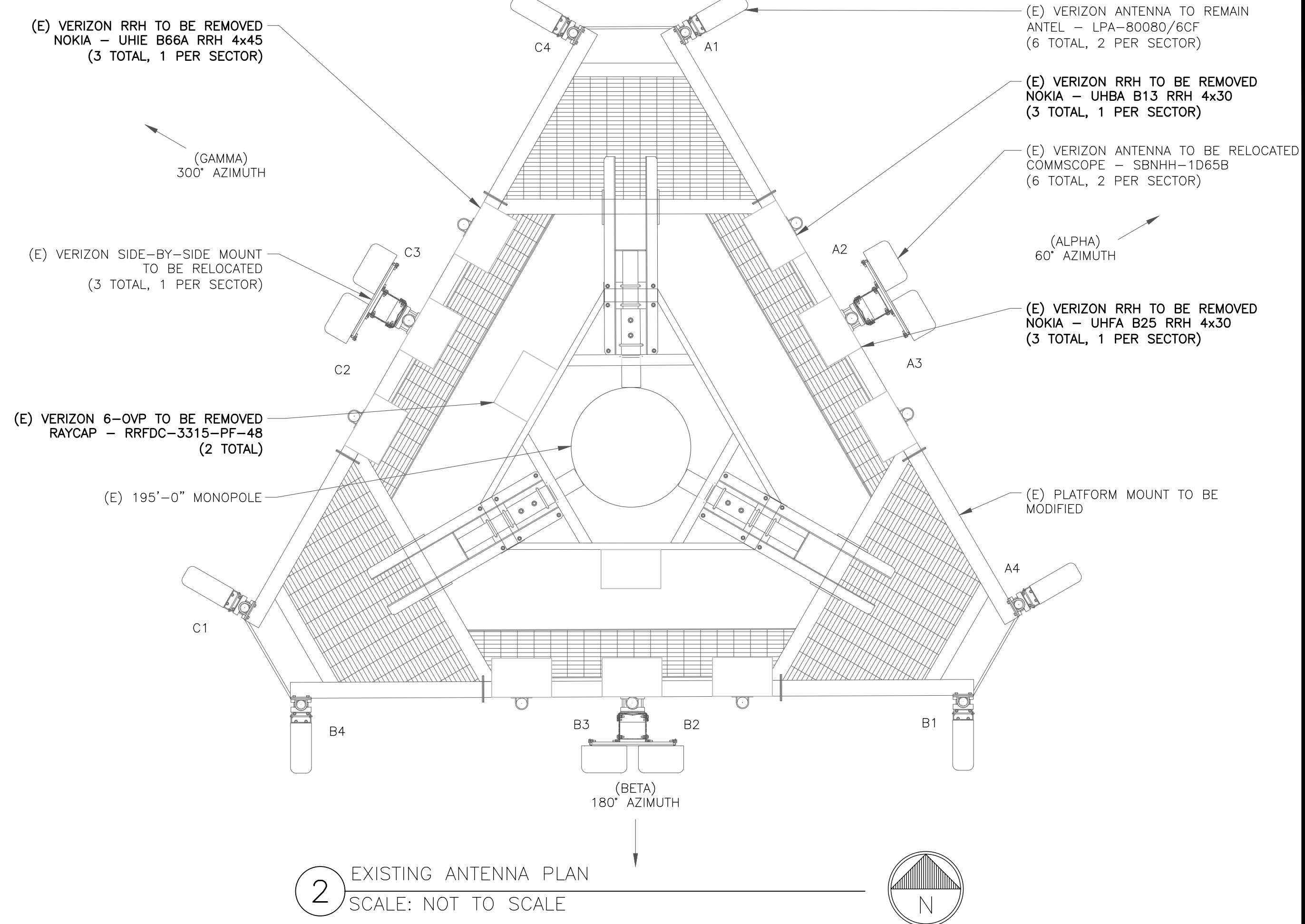




**VERIZON EQUIPMENT**  
 ANTENNA CL: 165'-0"  
 MOUNT CL: 165'-0"

- (E) 195'-0" MONOPOLE
- (E) VERIZON FEEDLINES TO REMAIN  
(6) COAX CABLES (1-5/8")  
(1) 6x12 HYBRID CABLES (1-1/4")
- (E) VERIZON FEEDLINE TO BE REMOVED  
(1) 6x12 HYBRID CABLES (1-1/4")
- NEW VERIZON FEEDLINES  
(1) 12x24 HYBRID CABLES (1-5/8")

**1 TOWER ELEVATION**  
 SCALE: NOT TO SCALE



**2 EXISTING ANTENNA PLAN**  
 SCALE: NOT TO SCALE

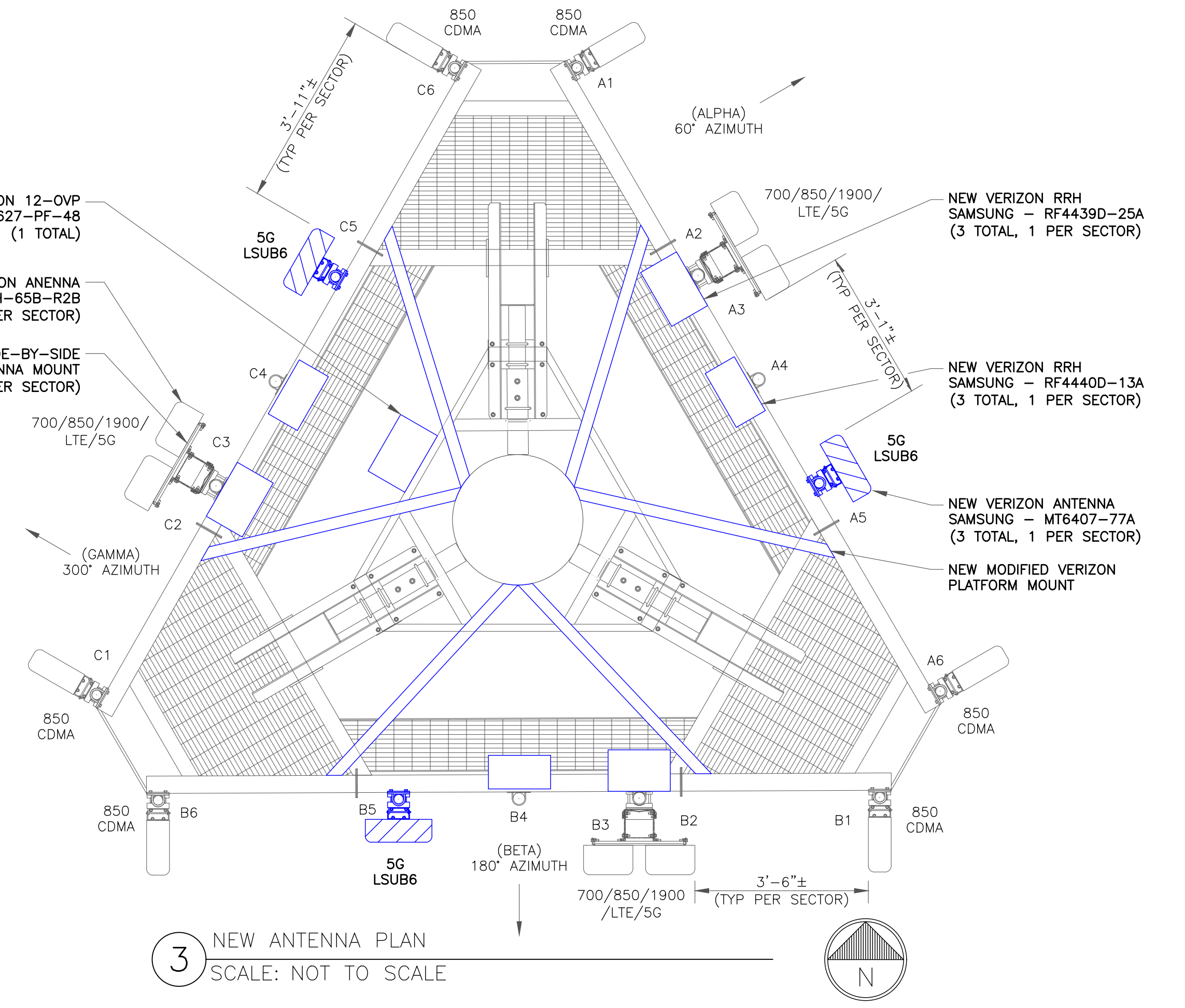
**INSTALLER NOTE:**  
 EXISTING AND PROPOSED ANTENNA/  
 EQUIPMENT POSITIONING SHOWN PER  
 RFDS. FIELD CONDITIONS MAY VARY.

**TOWER ANALYSIS NOTES:**

1. THE DESIGN DEPICTED IN THESE DRAWINGS IS VALID WHEN ACCOMPANIED BY A CORRESPONDING PASSING TOWER ANALYSIS.
2. CONSTRUCTION MANAGER / GENERAL CONTRACTOR SHALL REVIEW THE TOWER ANALYSIS FOR ANY CONDITIONS PRIOR TO INSTALLATION.
3. ANY REQUIRED TOWER MODIFICATION DESIGN OR TOWER REPLACEMENT SHALL BE APPROVED BY EOR.

**MOUNT ANALYSIS NOTES:**

1. THE DESIGN DEPICTED IN THESE DRAWINGS IS VALID WHEN ACCOMPANIED BY A CORRESPONDING PASSING MOUNT ANALYSIS.
2. CONSTRUCTION MANAGER / GENERAL CONTRACTOR SHALL REVIEW THE MOUNT ANALYSIS FOR ANY CONDITIONS PRIOR TO INSTALLATION.
3. ANY REQUIRED MOUNT MODIFICATION DESIGN OR MOUNT REPLACEMENT SHALL BE APPROVED BY EOR.



**3 NEW ANTENNA PLAN**  
 SCALE: NOT TO SCALE

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

**CROWN CASTLE**  
 1200 MACARTHUR BLVD, SUITE 200  
 MAHWAH, NJ 07430

**TOWER ENGINEERING PROFESSIONALS**  
 326 TRYON RD  
 RALEIGH, NC 27603  
 (919) 661-6351  
 TEP JOB #: 217657.633473

VERIZON SITE NUMBER:  
**469148**

BU #: **826053**  
**MONROE-1/RT 25**  
 88 MAIN ST  
 MONROE, CT 06468

EXISTING 195'-0" MONOPOLE

**ISSUED FOR:**

REV	DATE	DRWN	DESCRIPTION	DES./QA
0	01/03/2022	PSS	CONSTRUCTION	RST
1	02/07/2022	CJ	CONSTRUCTION	RST
2	02/14/2022	CJ	CONSTRUCTION	RST

STATE OF CONNECTICUT  
 SCOTT C. BRANTON  
 LICENSED PROFESSIONAL ENGINEER  
 35636  
 02/14/2022

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

ANTENNA/RRH SCHEDULE

SECTOR	STATUS	ANTENNA MANUFACTURER	ANTENNA MODEL	ANTENNA CENTERLINE	AZIMUTH	MECHANICAL DOWNTILTS	ELECTRICAL DOWNTILTS	TOWER EQUIPMENT MANUFACTURER	TOWER EQUIPMENT QTY/MODEL
A1	EXISTING	ANTEL	LPA-80080/6CF	165'-0"	60°	*	*	-	-
A2	EXISTING	COMMSCOPE	SBNHH-1D65B	165'-0"	60°	*	*	SAMSUNG	(1) RF4439D-25A RRH
A3	EXISTING	COMMSCOPE	SBNHH-1D65B	165'-0"	60°	*	*	-	-
A4	-	-	-	-	-	-	-	SAMSUNG	(1) RF4440D-13A RRH
A5	NEW	SAMSUNG	MT6407-77A	165'-0"	60°	*	*	-	-
A6	EXISTING	ANTEL	LPA-80080/6CF	165'-0"	60°	*	*	-	-
B1	EXISTING	ANTEL	LPA-80080/6CF	165'-0"	180°	*	*	-	-
B2	EXISTING	COMMSCOPE	SBNHH-1D65B	165'-0"	180°	*	*	SAMSUNG	(1) RF4439D-25A RRH
B3	EXISTING	COMMSCOPE	SBNHH-1D65B	165'-0"	180°	*	*	-	-
B4	-	-	-	-	-	-	-	SAMSUNG	(1) RF4440D-13A RRH
B5	NEW	SAMSUNG	MT6407-77A	165'-0"	180°	*	*	-	-
B6	EXISTING	ANTEL	LPA-80080/6CF	165'-0"	180°	*	*	-	-
C1	EXISTING	ANTEL	LPA-80080/6CF	165'-0"	300°	*	*	-	-
C2	EXISTING	COMMSCOPE	SBNHH-1D65B	165'-0"	300°	*	*	SAMSUNG	(1) RF4439D-25A RRH
C3	EXISTING	COMMSCOPE	SBNHH-1D65B	165'-0"	300°	*	*	-	-
C4	-	-	-	-	-	-	-	SAMSUNG	(1) RF4440D-13A RRH
C5	NEW	SAMSUNG	MT6407-77A	165'-0"	300°	*	*	RAYCAP	(1) RCMDC-6627-PF-48 OVP (12 OVP)
C6	EXISTING	ANTEL	LPA-80080/6CF	165'-0"	300°	*	*	-	-

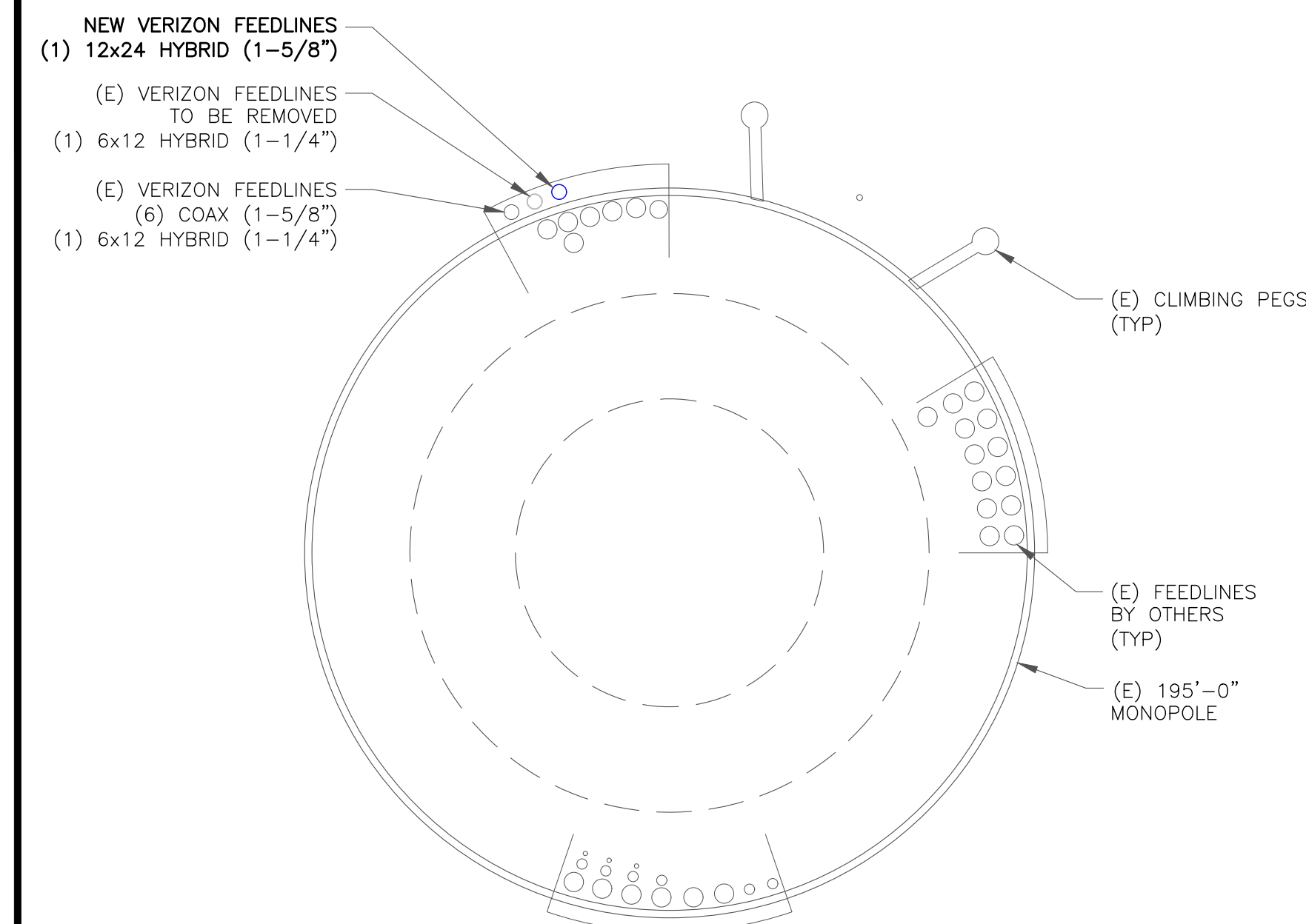
NOTE - NEW ANTENNA/EQUIPMENT SHOWN IN BOLD

\* - CONTRACTOR TO REFERENCE MOST RECENT RFDS FOR MECHANICAL AND ELECTRICAL DOWNTILTS

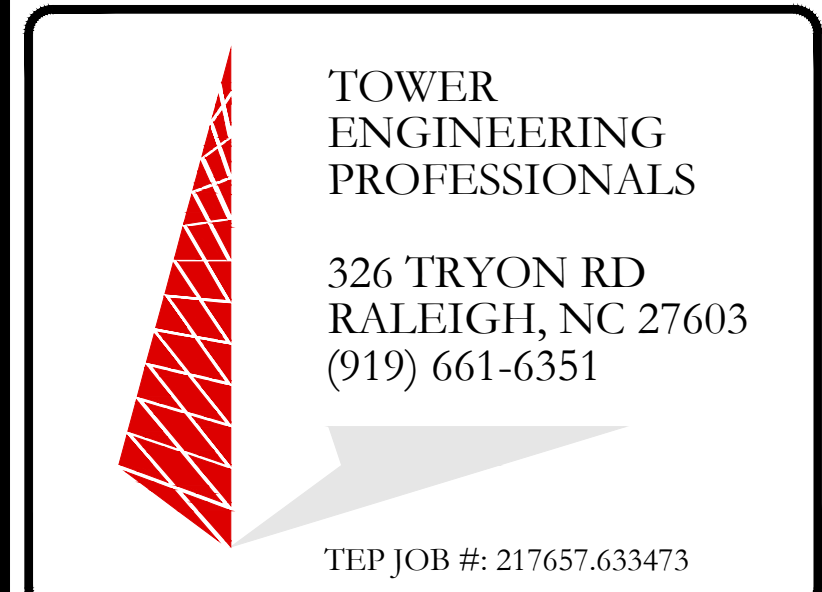
1 VERIZON TOWER EQUIPMENT SCHEDULE  
SCALE: NOT TO SCALE

CABLE SCHEDULE

STATUS	CABLE TYPE	MANUFACTURER (MODEL #)	SIZE	LENGTH	QTY
EXISTING	COAX	ANDREW (LDF7-50A)	1-5/8"	215'-0"±	6
EXISTING	HYBRID	ANDREW (RFF-24SM-1206-618-APE) (6x12 HYBRID)	1-1/4"	215'-0"±	1
PROPOSED	HYBRID	ANDREW (RFF-24SM-1206-618-APE) (12x24 HYBRID)	1-5/8"	215'-0"±	1
TOTAL CABLE QTY:					8



2 BASE LEVEL DETAIL  
SCALE: NOT TO SCALE



VERIZON SITE NUMBER:  
**469148**

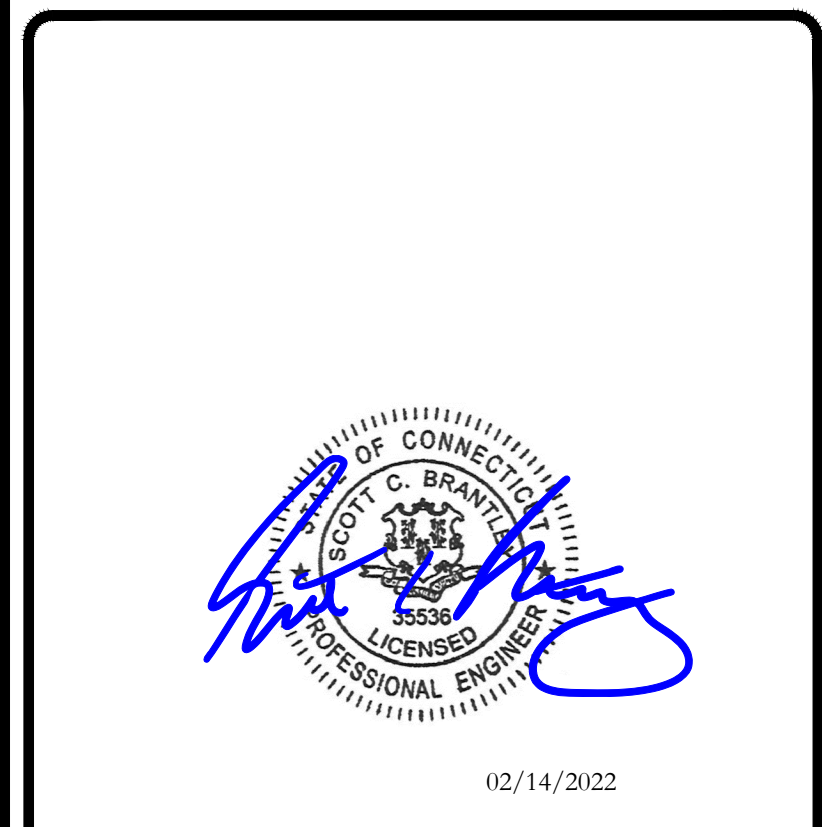
BU #: **826053**  
**MONROE-1/RT 25**

88 MAIN ST  
MONROE, CT 06468

EXISTING 195'-0" MONOPOLE

ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	DES./QA
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1	02/07/2022	CJ	CONSTRUCTION	RST
2	02/14/2022	CJ	CONSTRUCTION	RST



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

**verizon**<sup>v</sup>

180 WASHINGTON VALLEY ROAD  
BEDMINSTER, NJ 07921

**CROWN  
CASTLE**

1200 MACARTHUR BLVD, SUITE 200  
MAHWAH, NJ 07430

**TOWER  
ENGINEERING  
PROFESSIONALS**

326 TRYON RD  
RALEIGH, NC 27603  
(919) 661-6351

TEP JOB #: 217657.633473

VERIZON SITE NUMBER:  
**469148**

BU #: **826053**  
**MONROE-1/RT 25**

88 MAIN ST  
MONROE, CT 06468

EXISTING 195'-0" MONOPOLE

**ISSUED FOR:**

REV	DATE	DRWN	DESCRIPTION	DES./QA
0	01/03/2022	PSS	CONSTRUCTION	RST



01/03/2022

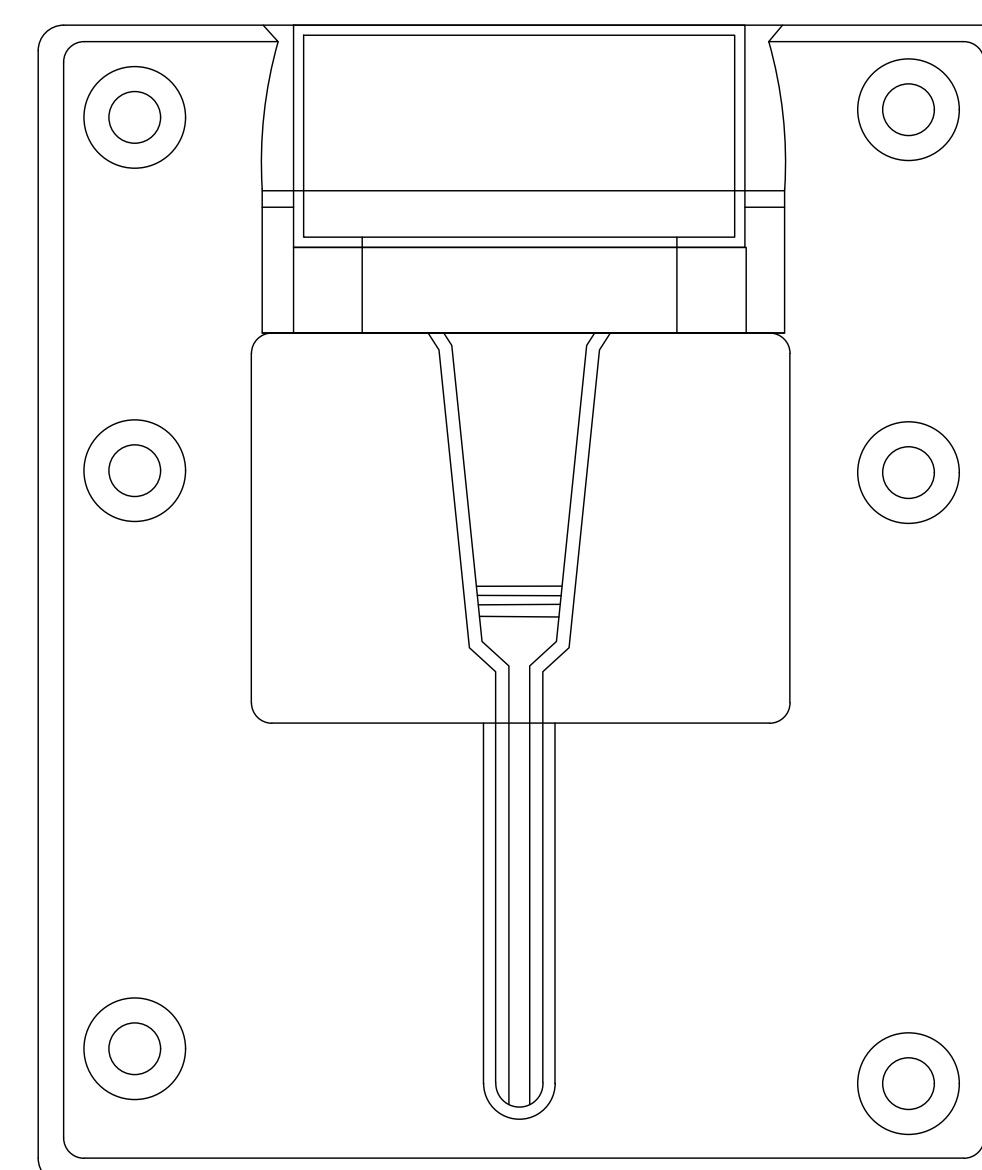
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SHEET NUMBER: **C-4** REVISION: **0**

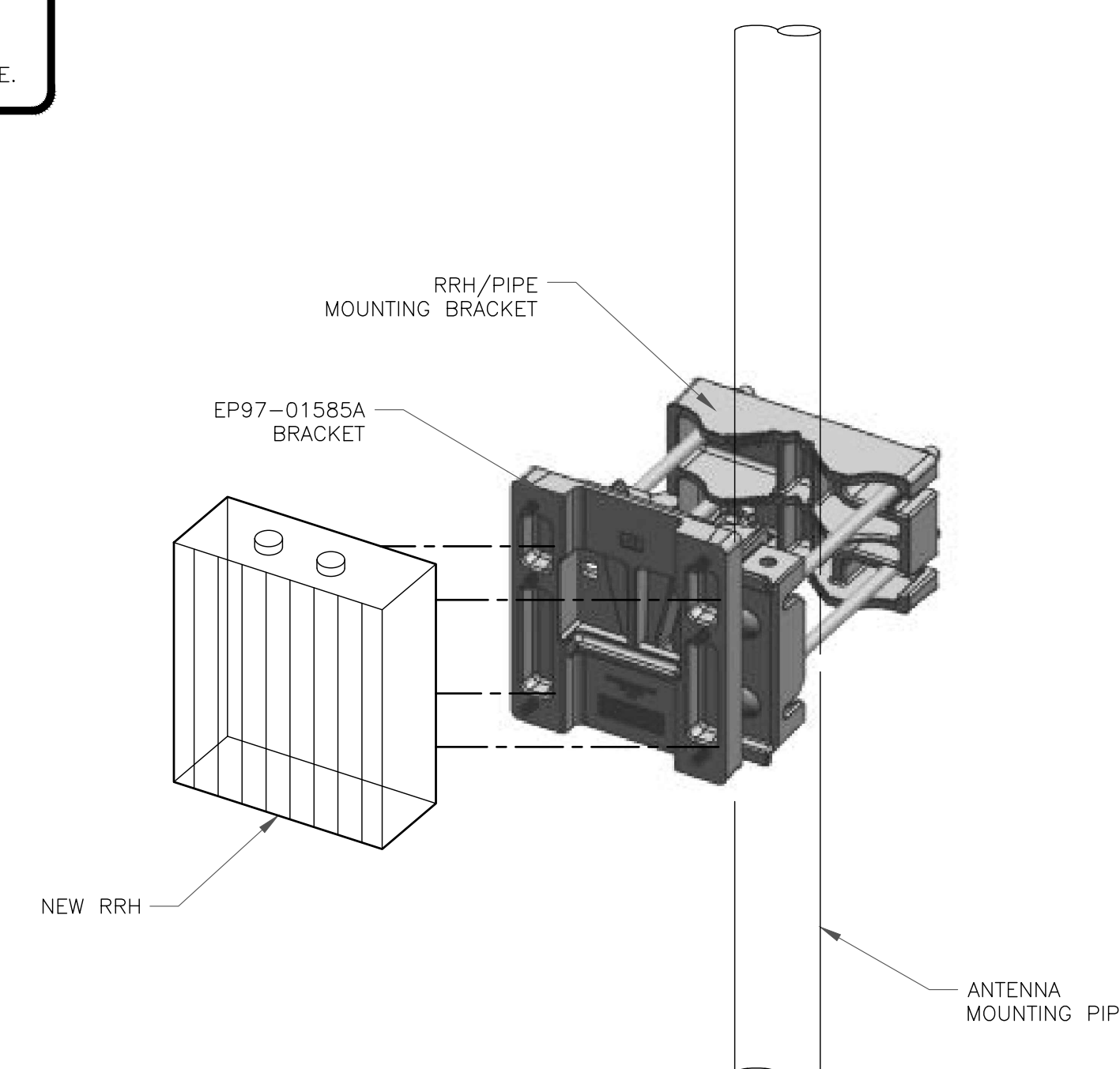
1 NOT USED  
SCALE: NOT TO SCALE

2 NOT USED  
SCALE: NOT TO SCALE

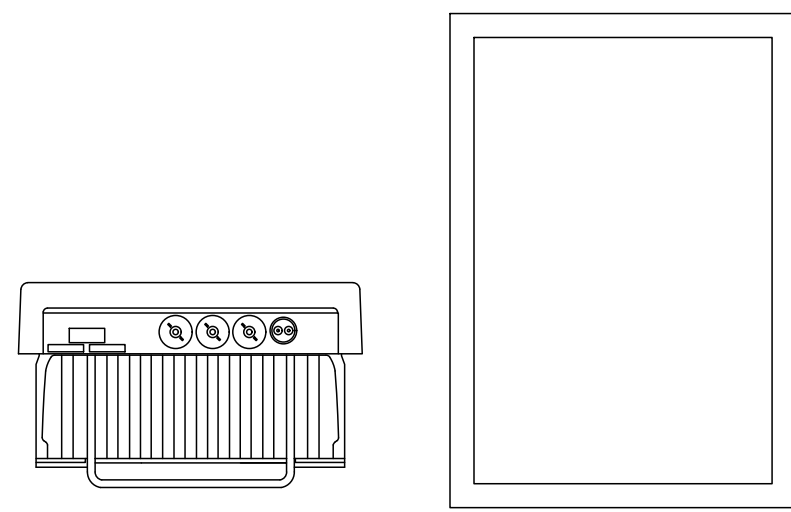
**INSTALLER NOTES:**  
ALL PIPES BRACKETS AND  
MISCELLANEOUS HARDWARE TO BE  
GALVANIZED UNLESS NOTED OTHERWISE.



3 SAMSUNG – EP97-01585A BRACKET DETAIL  
SCALE: NOT TO SCALE



4 ANTENNA & RRH MOUNTING DETAIL  
SCALE: NOT TO SCALE

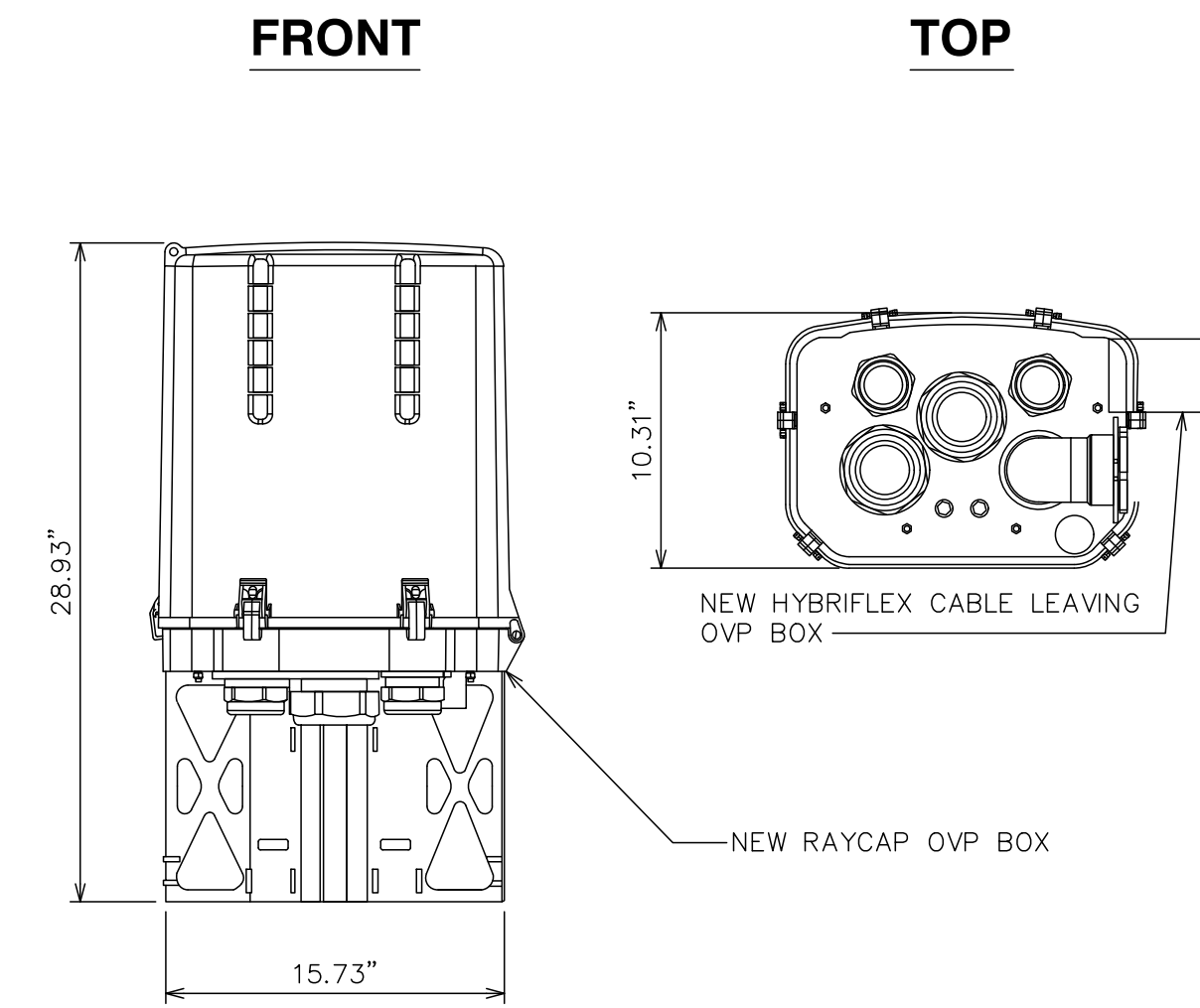


SAMSUNG TELECOMMUNICATIONS – MT6407-77A ANTENNA  
WEIGHT: 81.57 LBS  
SIZE (HxWxD): 35.06x16.06x5.51 IN.

1 SAMSUNG – MT6407-77A  
SCALE: NOT TO SCALE

2 NOT USED  
SCALE: NOT TO SCALE

3 NOT USED  
SCALE: NOT TO SCALE



RAYCAP – RCMDC-6627-PF-48  
WEIGHT: 32.00 LBS  
SIZE (HxWxD): 28.93x15.73x10.31 IN.

4 RAYCAP – RCMDC-6627-PF-48  
SCALE: NOT TO SCALE

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

**CROWN CASTLE**  
1200 MACARTHUR BLVD, SUITE 200  
MAHWAH, NJ 07430

**TOWER ENGINEERING PROFESSIONALS**  
326 TRYON RD  
RALEIGH, NC 27603  
(919) 661-6351  
TEP JOB #: 217657.633473

VERIZON SITE NUMBER:  
**469148**

BU #: **826053**  
**MONROE-1/RT 25**

88 MAIN ST  
MONROE, CT 06468

EXISTING 195'-0" MONOPOLE

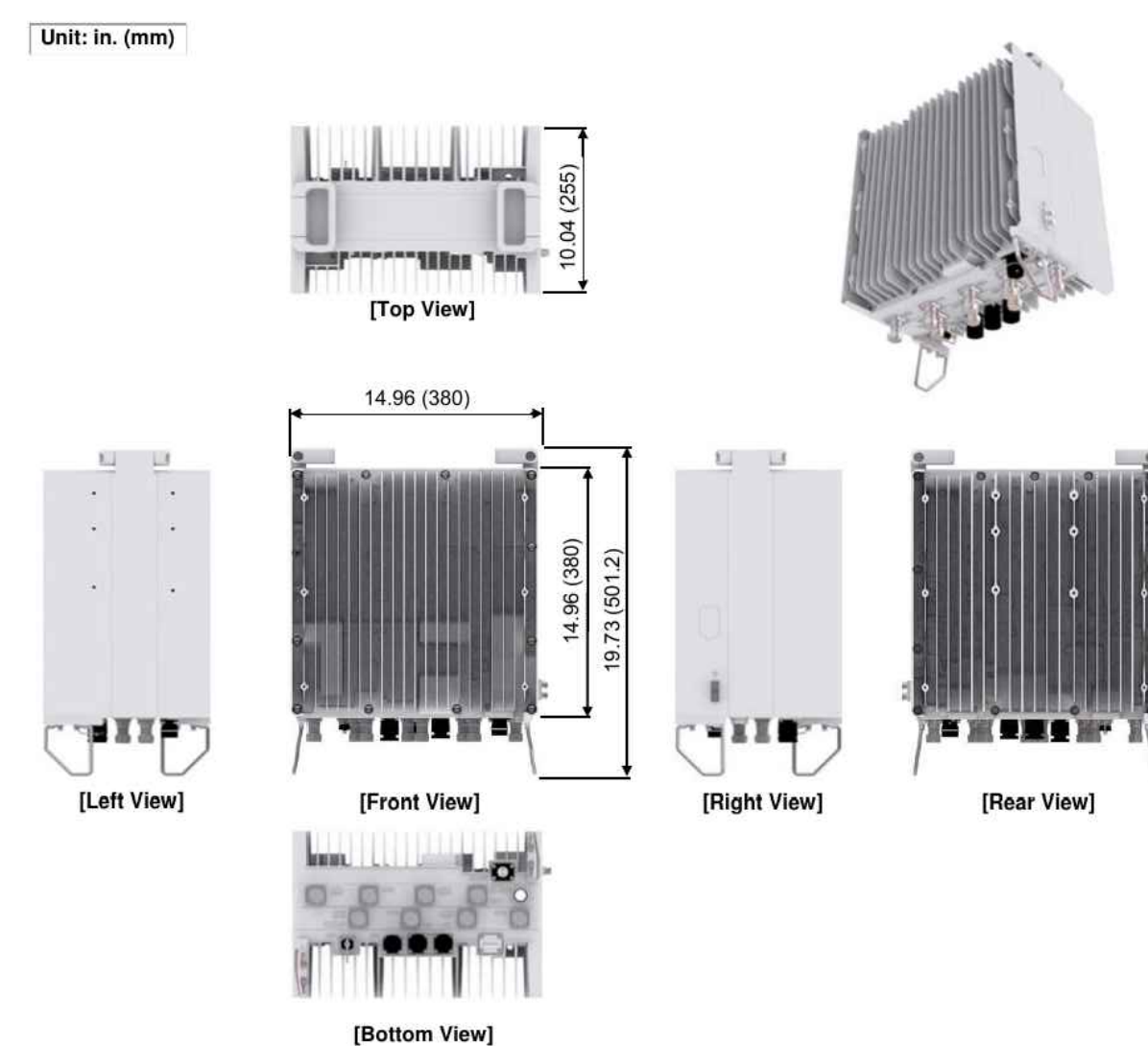
ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	DES./QA
0	01/03/2022	PSS	CONSTRUCTION	RST
1	02/07/2022	CJ	CONSTRUCTION	RST

FIBER NAMING CONVENTION	
Technology	(Equipment-Sector-OPTI #)
<b>DUPLIX FIBER RUN</b>	
5GmmW L0	5GmmW-A-0
<b>SIMPLEX FIBER RUN</b>	
CBRS L0	CBRS-A-0
CBRS L1	CBRS-A-1
LAA L0	LAA-A-0
High Band Dual Band L0	HB-A-0
High Band Dual Band L1	HB-A-1
Low Band Dual Band L0	LB-A-0
FDMIMO AWS L0	FDM-AWS-A-0
FDMIMO AWS L1	FDM-AWS-A-1
FDMIMO PCS L0	FDM-PCS-A-0
FDMIMO PCS L1	FDM-PCS-A-1

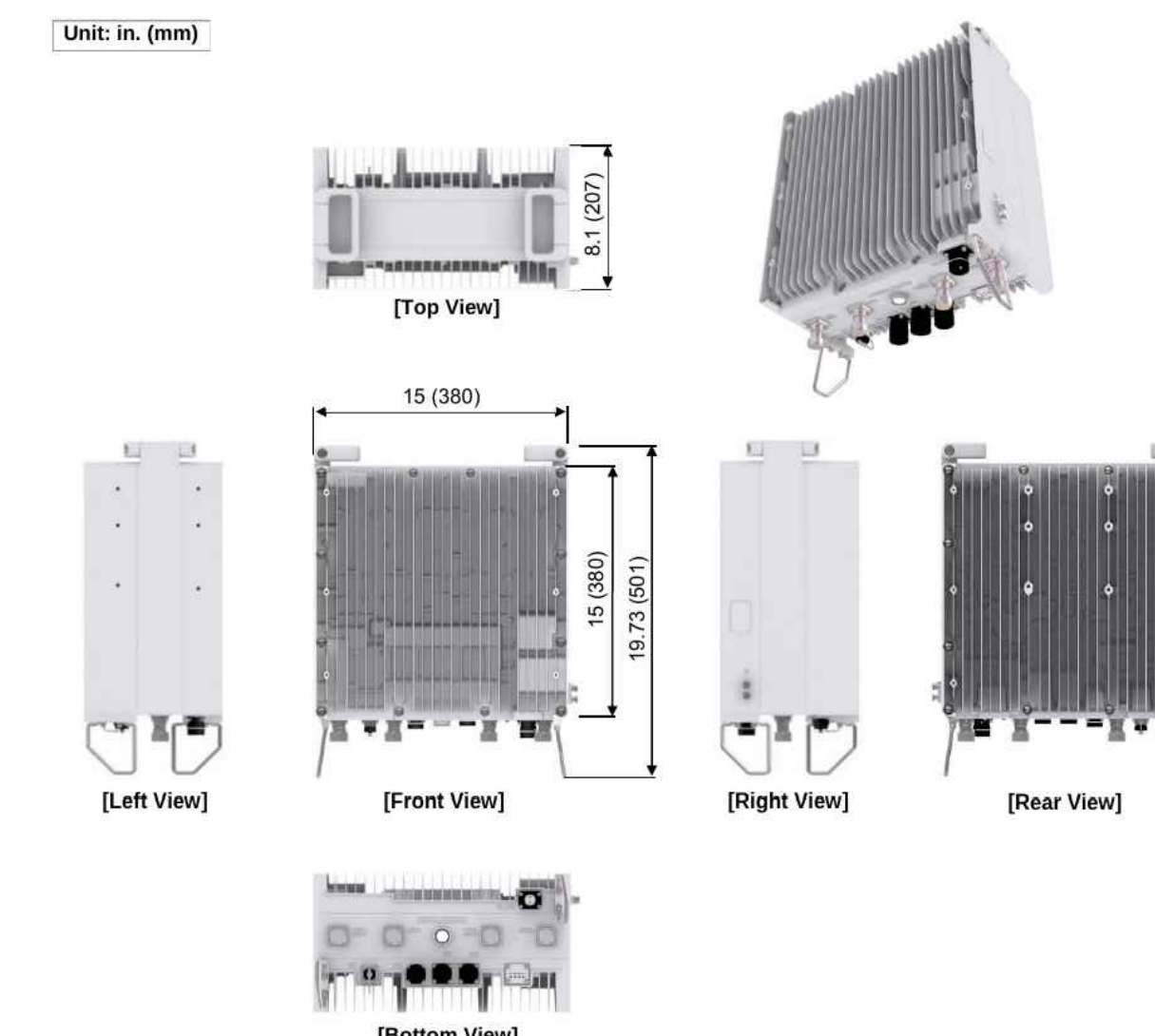
Rev. 2/23/2021

5 FIBER NAMING CONVENTION  
SCALE: NOT TO SCALE



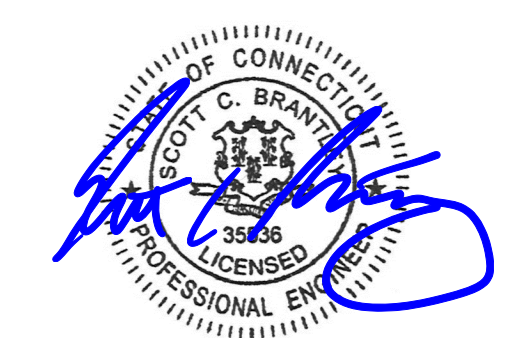
SAMSUNG – RFV01U-D1A  
WEIGHT: 84.40 LBS  
SIZE (HxWxD): 15.00x15.00x10.00 IN.

6 SAMSUNG – RFV01U-D1A  
SCALE: NOT TO SCALE



SAMSUNG – RFV01U-D2A  
WEIGHT: 70.30 LBS  
SIZE (HxWxD): 15.00x15.00x8.10 IN.

7 SAMSUNG – RFV01U-D2A  
SCALE: NOT TO SCALE



02/07/2022

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SHEET NUMBER: **C-5** REVISION: **1**

**verizon**

180 WASHINGTON VALLEY ROAD  
BEDMINSTER, NJ 07921

**CROWN CASTLE**

1200 MACARTHUR BLVD, SUITE 200  
MAHWAH, NJ 07430



TOWER  
ENGINEERING  
PROFESSIONALS

326 TRYON RD  
RALEIGH, NC 27603  
(919) 661-6351

TEP JOB #: 217657.633473

VERIZON SITE NUMBER:  
**469148**

BU #: **826053**  
**MONROE-1/RT 25**

88 MAIN ST  
MONROE, CT 06468

EXISTING 195'-0" MONOPOLE

ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	DES./QA
0	01/03/2022	PSS	CONSTRUCTION	RST



01/03/2022

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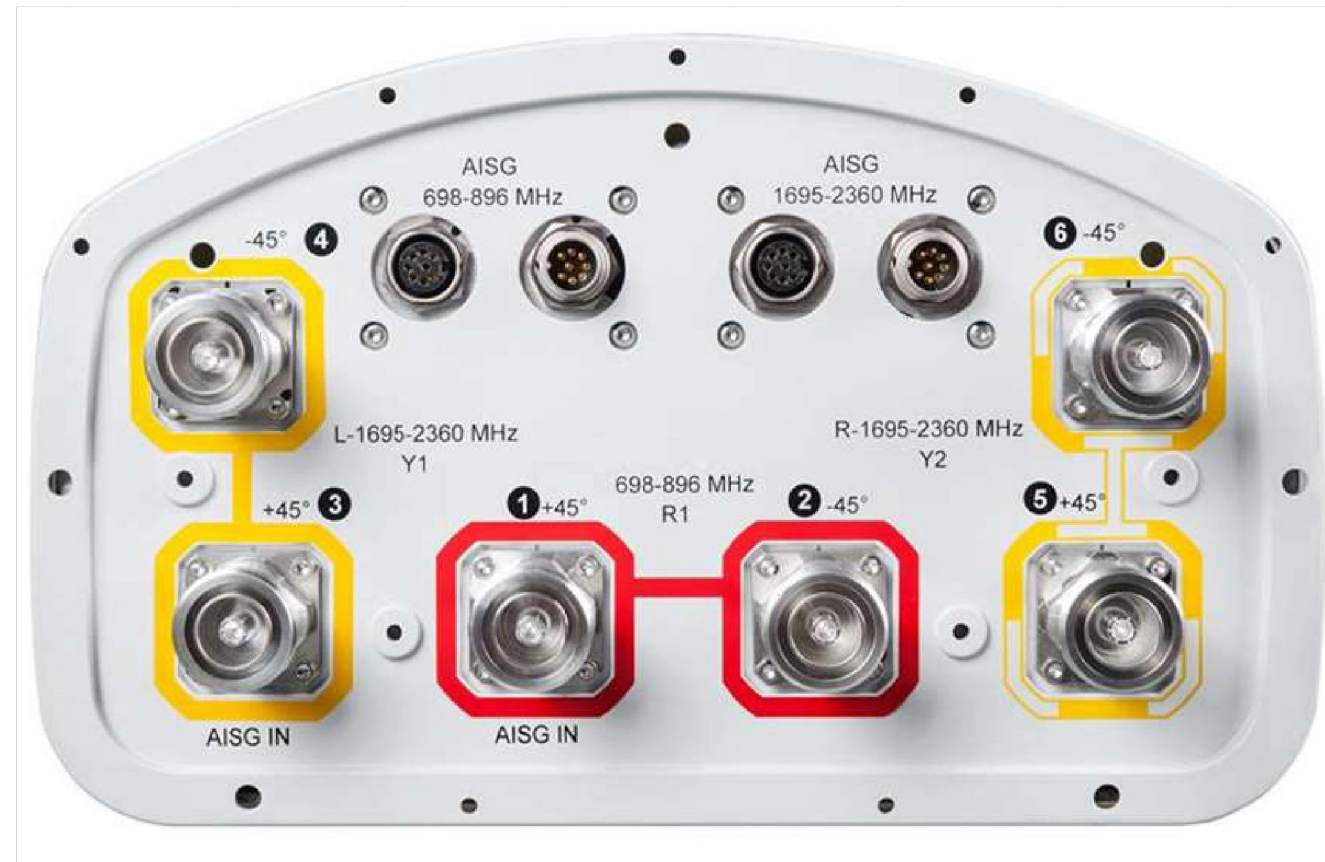
SHEET NUMBER: REVISION:

**C-6**

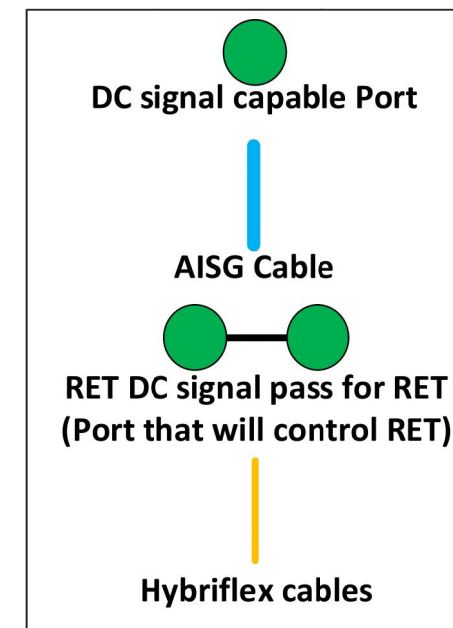
**0**

Sector - Line #	Sector	700 LTE				850 LTE				AWS			PCS				CBRS				850 CDMA			
Alpha-Line1	White	Red				Pink				Yellow			Light Blue				Dark Purple				Gray			
Alpha-Line2	White	Red	Red			Pink	Pink			Yellow	Yellow		Light Blue	Light Blue			Dark Purple	Dark Purple			Gray	Gray		
Alpha-Line3	White	Red	Red	Red		Pink	Pink	Pink		Yellow	Yellow	Yellow	Light Blue	Light Blue	Light Blue		Dark Purple	Dark Purple	Dark Purple		Gray	Gray		
Alpha-Line4	White	Red	Red	Red	Red	Pink	Pink	Pink	Pink	Yellow	Yellow	Yellow	Yellow	Light Blue	Light Blue	Light Blue	Light Blue	Dark Purple	Dark Purple	Dark Purple	Dark Purple	Gray	Gray	
Beta-Line1	Blue	Red				Pink				Yellow			Light Blue				Dark Purple				Gray			
Beta-Line2	Blue	Red	Red			Pink	Pink			Yellow	Yellow		Light Blue	Light Blue			Dark Purple	Dark Purple			Gray	Gray		
Beta-Line3	Blue	Red	Red	Red		Pink	Pink	Pink		Yellow	Yellow	Yellow	Light Blue	Light Blue	Light Blue		Dark Purple	Dark Purple	Dark Purple		Gray	Gray		
Beta-Line4	Blue	Red	Red	Red	Red	Pink	Pink	Pink	Pink	Yellow	Yellow	Yellow	Yellow	Light Blue	Light Blue	Light Blue	Light Blue	Dark Purple	Dark Purple	Dark Purple	Dark Purple	Gray	Gray	
Gamma-Line1	Green	Red				Pink				Yellow			Light Blue				Dark Purple				Gray			
Gamma-Line2	Green	Red	Red			Pink	Pink			Yellow	Yellow		Light Blue	Light Blue			Dark Purple	Dark Purple			Gray	Gray		
Gamma-Line3	Green	Red	Red	Red		Pink	Pink	Pink		Yellow	Yellow	Yellow	Light Blue	Light Blue	Light Blue		Dark Purple	Dark Purple	Dark Purple		Gray	Gray		
Gamma-Line4	Green	Red	Red	Red	Red	Pink	Pink	Pink	Pink	Yellow	Yellow	Yellow	Yellow	Light Blue	Light Blue	Light Blue	Light Blue	Dark Purple	Dark Purple	Dark Purple	Dark Purple	Gray	Gray	
Delta-Line1	White	White	Red			Pink				Yellow			Light Blue				Dark Purple				Gray			
Delta-Line2	White	White	Red	Red		Pink	Pink			Yellow	Yellow		Light Blue	Light Blue			Dark Purple	Dark Purple			Gray	Gray		
Delta-Line3	White	White	Red	Red	Red	Pink	Pink	Pink		Yellow	Yellow	Yellow	Light Blue	Light Blue	Light Blue		Dark Purple	Dark Purple	Dark Purple		Gray	Gray		
Delta-Line4	White	White	Red	Red	Red	Red	Pink	Pink	Pink	Pink	Yellow	Yellow	Yellow	Yellow	Light Blue	Light Blue	Light Blue	Light Blue	Dark Purple	Dark Purple	Dark Purple	Dark Purple	Gray	Gray
Epsilon-Line1	Blue	Blue	Red			Pink				Yellow			Light Blue				Dark Purple				Gray			
Epsilon-Line2	Blue	Blue	Red	Red		Pink	Pink			Yellow	Yellow		Light Blue	Light Blue			Dark Purple	Dark Purple			Gray	Gray		
Epsilon-Line3	Blue	Blue	Red	Red	Red	Pink	Pink	Pink		Yellow	Yellow	Yellow	Light Blue	Light Blue	Light Blue		Dark Purple	Dark Purple	Dark Purple		Gray	Gray		
Epsilon-Line4	Blue	Blue	Red	Red	Red	Red	Pink	Pink	Pink	Pink	Yellow	Yellow	Yellow	Yellow	Light Blue	Light Blue	Light Blue	Light Blue	Dark Purple	Dark Purple	Dark Purple	Dark Purple	Gray	Gray
Zeta-Line1	Green	Green	Red			Pink				Yellow			Light Blue				Dark Purple				Gray			
Zeta-Line2	Green	Green	Red	Red		Pink	Pink			Yellow	Yellow		Light Blue	Light Blue			Dark Purple	Dark Purple			Gray	Gray		
Zeta-Line3	Green	Green	Red	Red	Red	Pink	Pink	Pink		Yellow	Yellow	Yellow	Light Blue	Light Blue	Light Blue		Dark Purple	Dark Purple	Dark Purple		Gray	Gray		
Zeta-Line4	Green	Green	Red	Red	Red	Red	Pink	Pink	Pink	Pink	Yellow	Yellow	Yellow	Yellow	Light Blue	Light Blue	Light Blue	Light Blue	Dark Purple	Dark Purple	Dark Purple	Dark Purple	Gray	Gray
GPS-Line1	Brown																							
GPS-Line2	Brown	Brown																						
GPS-Line3	Brown	Brown	Brown																					
GPS-Line4	Brown	Brown	Brown	Brown																				

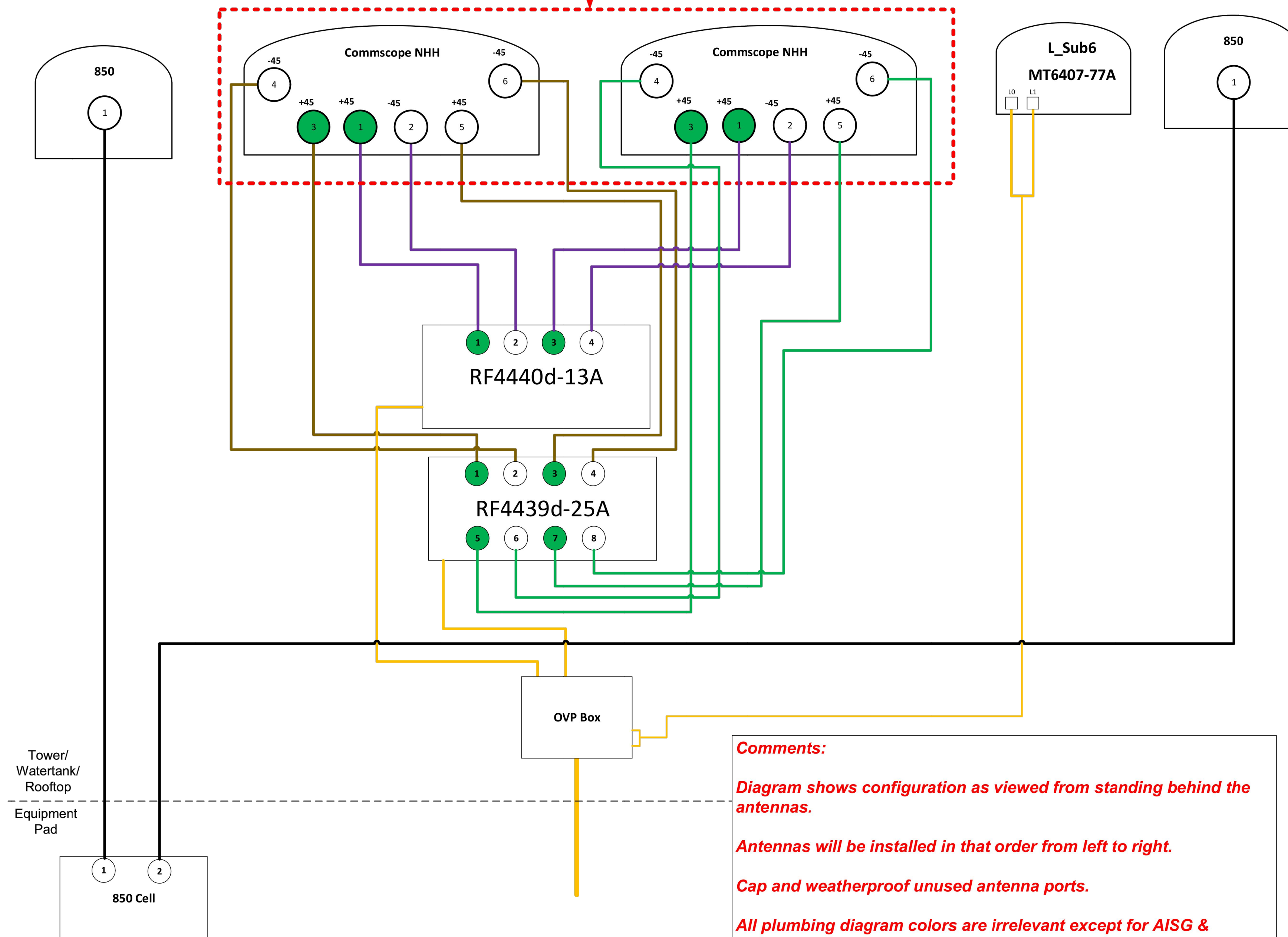
1 COLOR CODE MATRIX  
SCALE: NOT TO SCALE



- Port 1 & 2 are for low band (698-896 MHz).
- Port 3,4,5, & 6 are for high band (1695-2360 MHz).
- Antenna Smart Bias Tee (SBT) is through port 1 for low band and port 3 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.



Side by Side mount



**Comments:**

*Diagram shows configuration as viewed from standing behind the antennas.*

*Antennas will be installed in that order from left to right.*

*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**  
180 WASHINGTON VALLEY ROAD  
BEDMINSTER, NJ 07921

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1200 MACARTHUR BLVD, SUITE 200  
MAHWAH, NJ 07430

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326 TRYON RD  
RALEIGH, NC 27603  
(919) 661-6351  
TEP JOB #: 217657.633473

VERIZON SITE NUMBER:  
**469148**

BU #: **826053**  
**MONROE-1/RT 25**

88 MAIN ST  
MONROE, CT 06468

EXISTING 195'-0" MONOPOLE

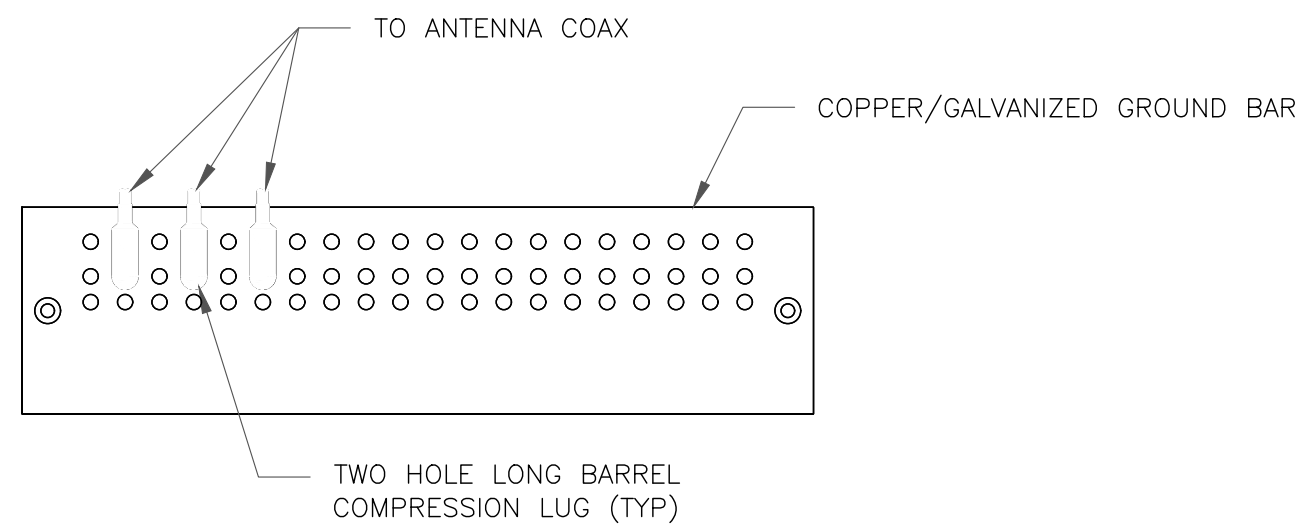
**ISSUED FOR:**

REV	DATE	DRWN	DESCRIPTION	DES./QA
0	01/03/2022	PSS	CONSTRUCTION	RST
1	02/07/2022	CJ	CONSTRUCTION	RST

02/07/2022

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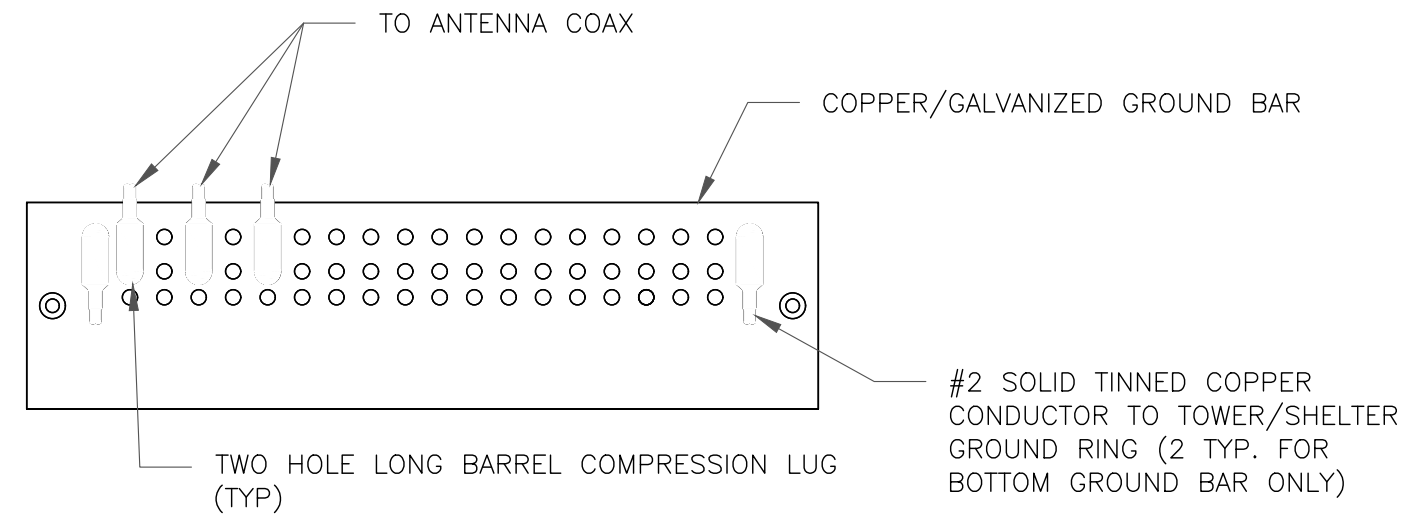
SHEET NUMBER: **C-7** REVISION: **1**



NOTES:

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

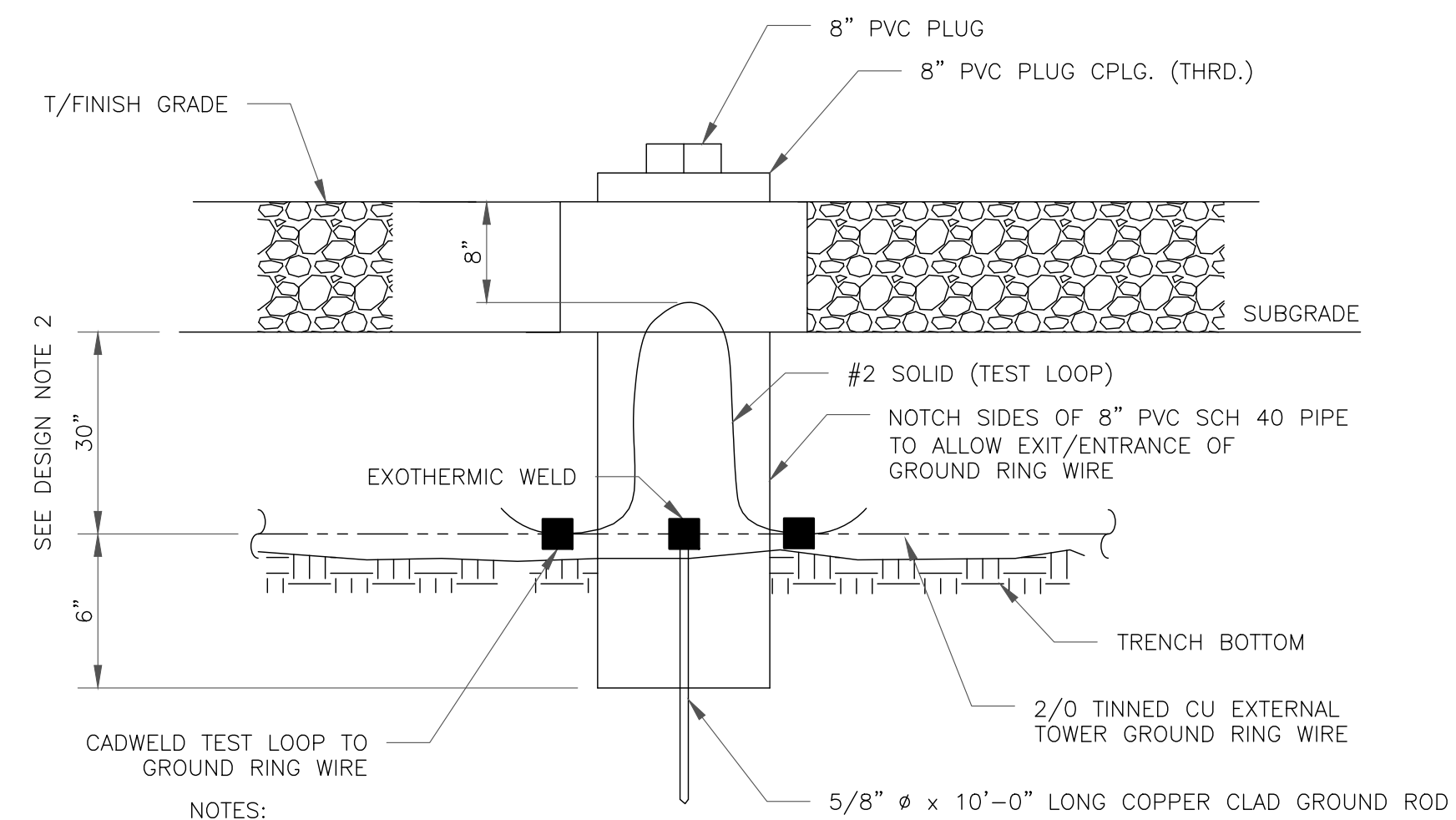
1 ANTENNA SECTOR GROUND BAR DETAIL  
SCALE: NOT TO SCALE



NOTES:

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

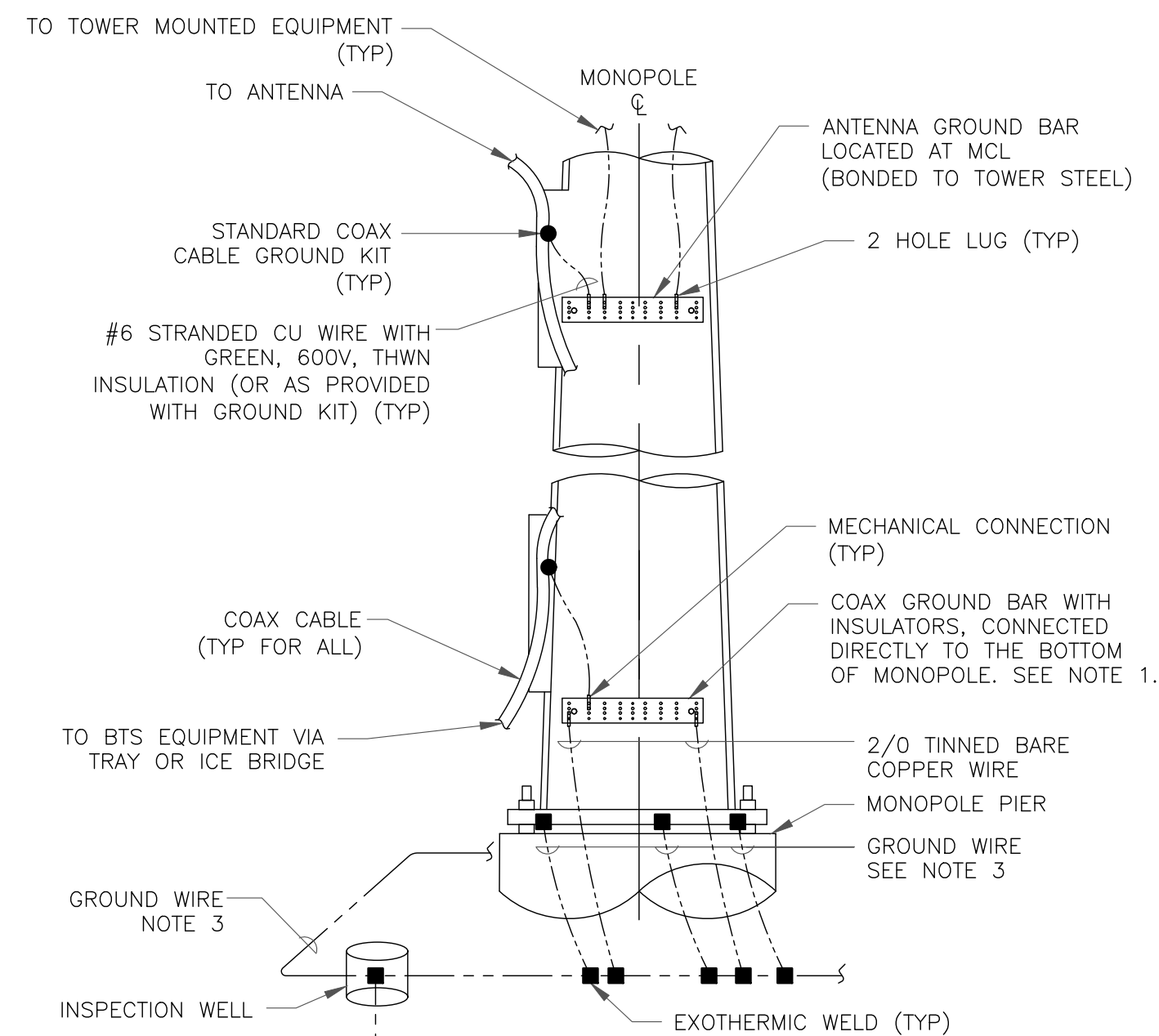
2 TOWER/SHELTER GROUND BAR DETAIL  
SCALE: NOT TO SCALE



NOTES:

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

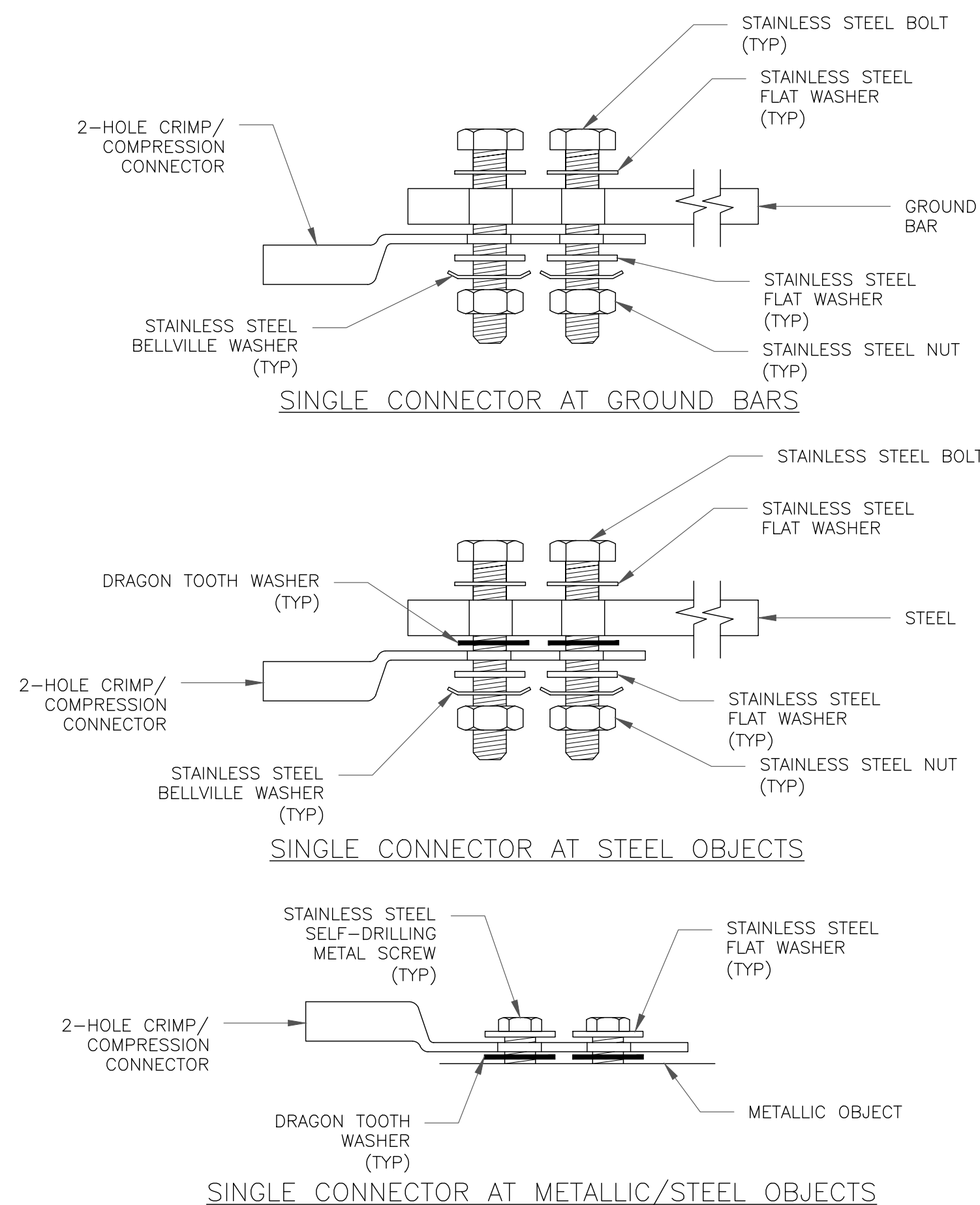
3 INSPECTION WELL DETAIL  
SCALE: NOT TO SCALE



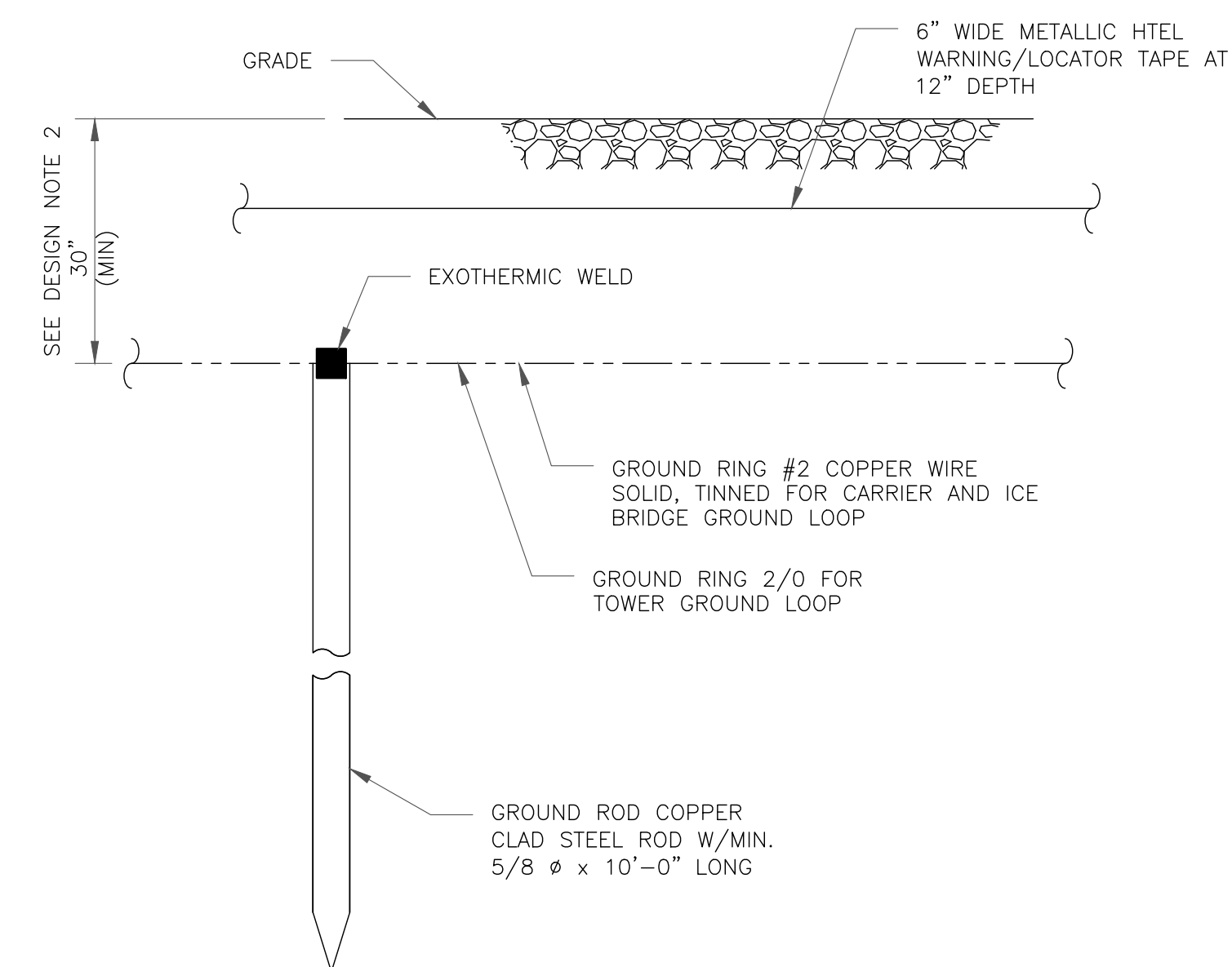
NOTES:

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

4 TYPICAL ANTENNA CABLE GROUNDING  
SCALE: NOT TO SCALE



5 HARDWARE DETAIL FOR EXTERIOR CONNECTIONS  
SCALE: NOT TO SCALE



NOTES:

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

6 GROUND ROD DETAIL  
SCALE: NOT TO SCALE

**verizon**  
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BEDMINSTER, NJ 07921

**CROWN CASTLE**  
1200 MACARTHUR BLVD, SUITE 200  
MAHWAH, NJ 07430

**TOWER ENGINEERING PROFESSIONALS**  
326 TRYON RD  
RALEIGH, NC 27603  
(919) 661-6351  
TEP JOB #: 217657.633473

VERIZON SITE NUMBER:  
**469148**

BU #: **826053**  
**MONROE-1/RT 25**

88 MAIN ST  
MONROE, CT 06468

EXISTING 195'-0" MONOPOLE

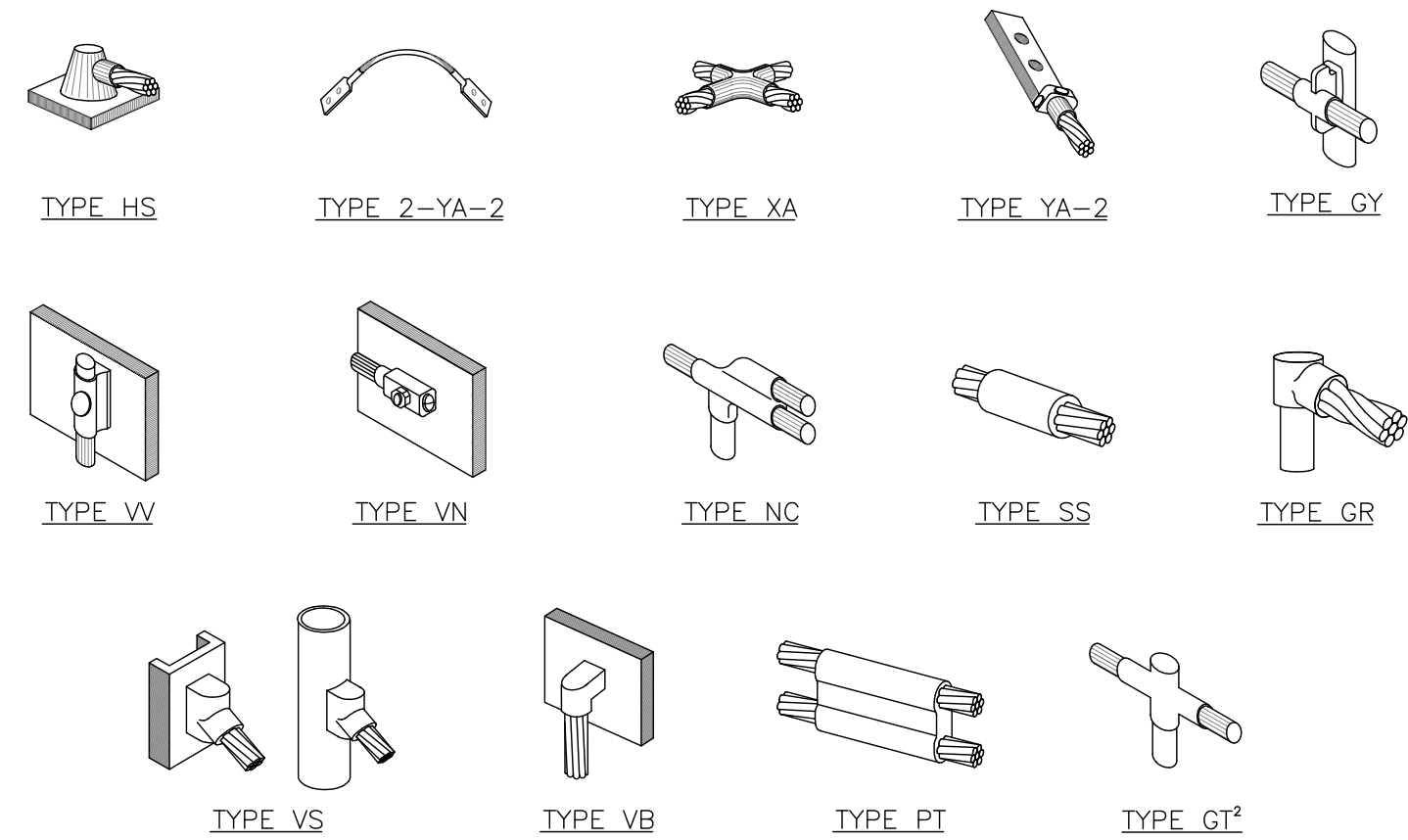
ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	DES./QA
0	01/03/2022	PSS	CONSTRUCTION	RST

STATE OF CONNECTICUT  
SCOTT C. BRANTLEY  
LICENSED PROFESSIONAL ENGINEER  
01/03/2022

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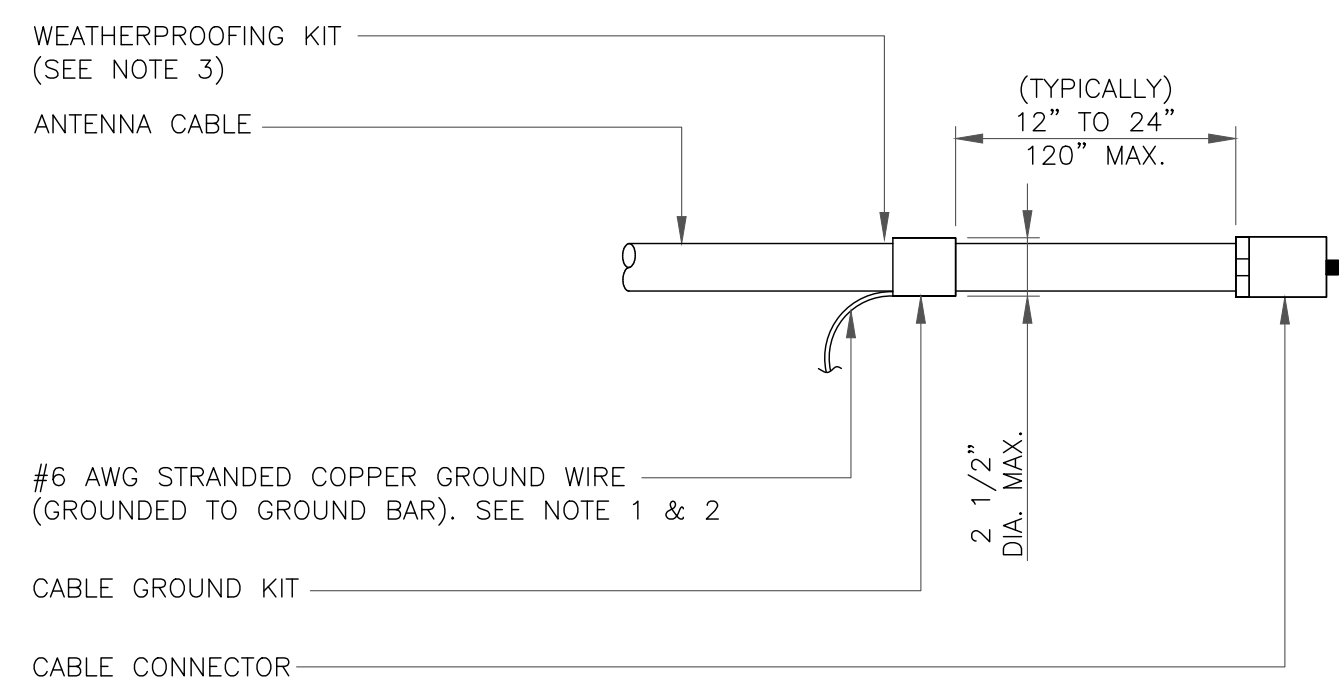
SHEET NUMBER: **G-1** REVISION: **0**



**NOTE:**

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

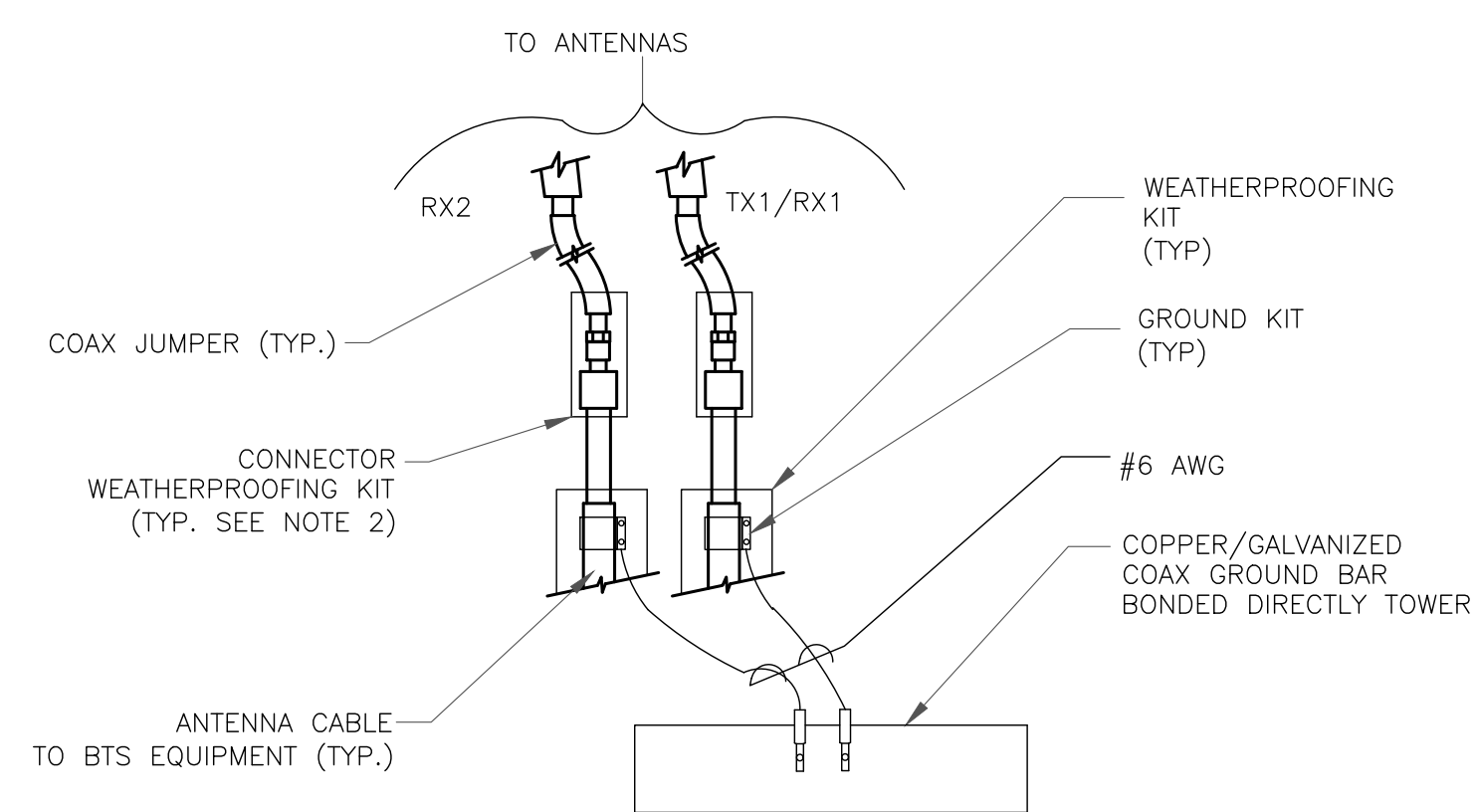
**1 CADWELD GROUNDING CONNECTIONS**  
SCALE: NOT TO SCALE



**NOTES:**

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

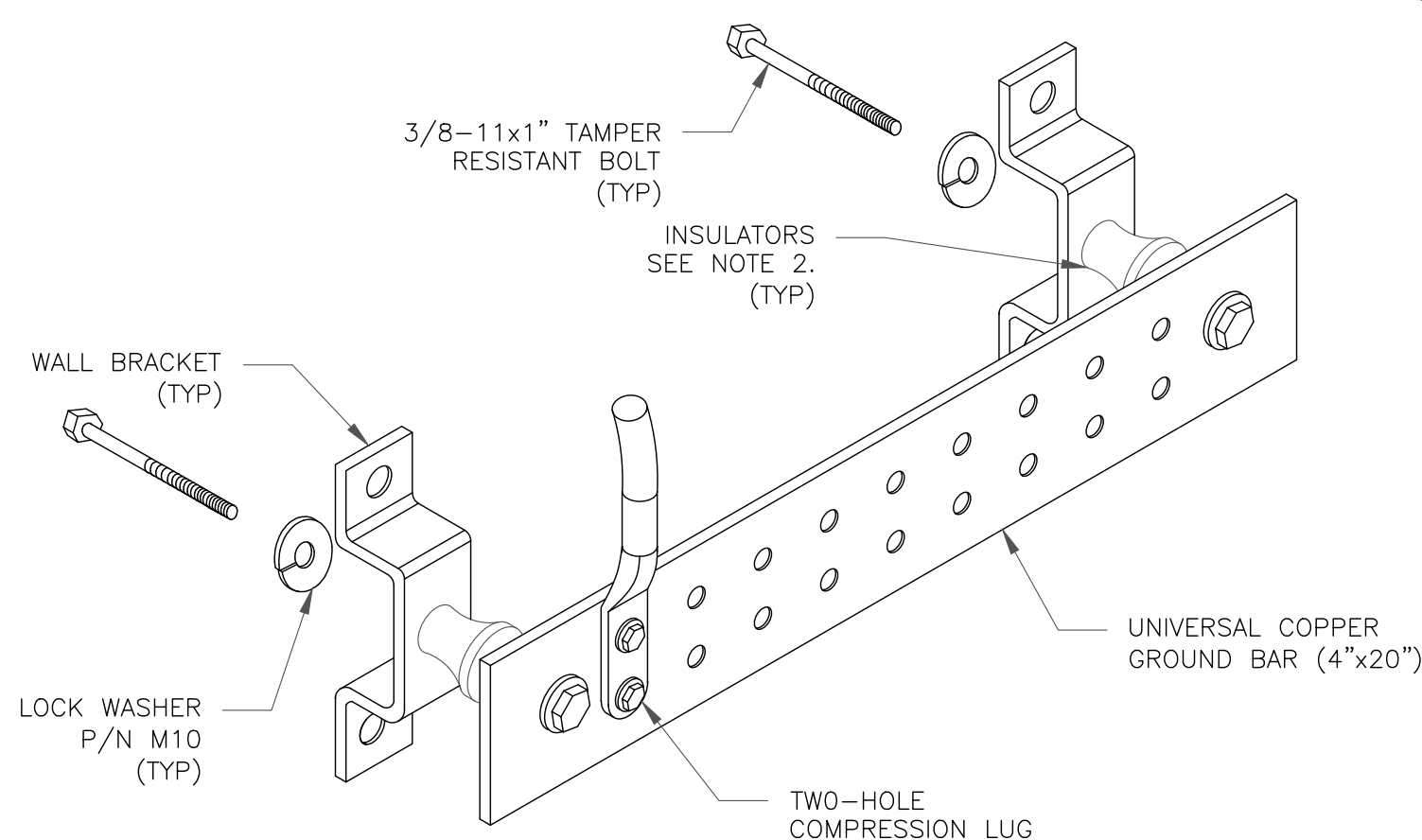
**3 CABLE GROUND KIT CONNECTION**  
SCALE: NOT TO SCALE



**NOTES:**

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

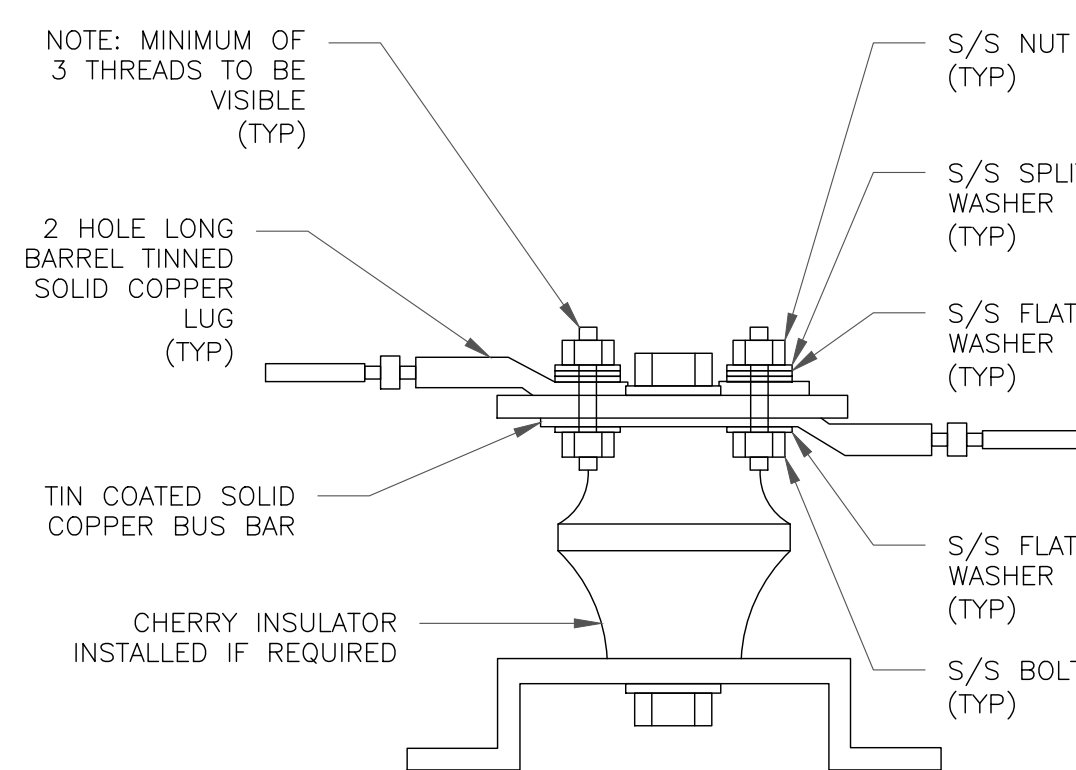
**4 GROUND CABLE CONNECTION**  
SCALE: NOT TO SCALE



**NOTES:**

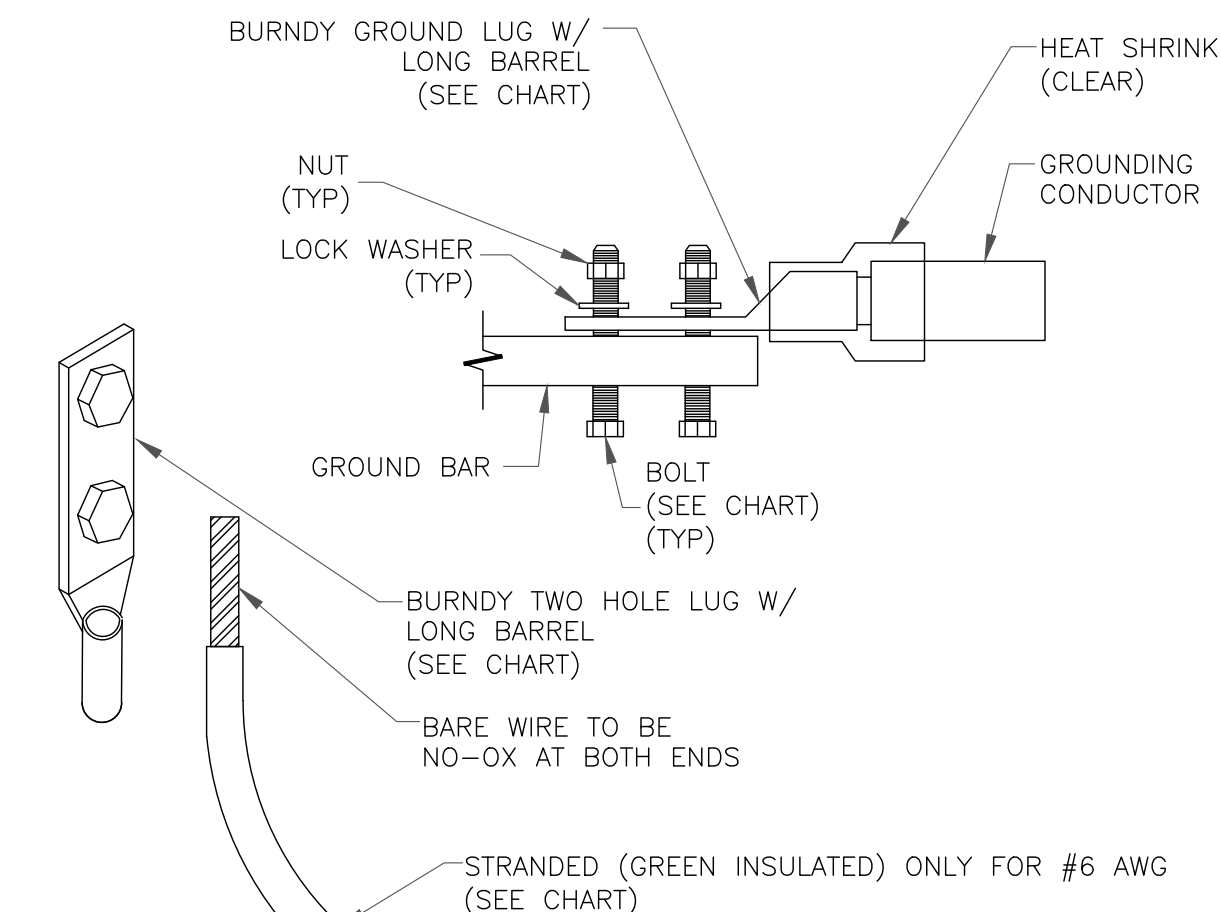
1. DOWN LEAD (HOME RUN) CONDUCTORS ARE NOT TO BE INSTALLED ON CROWN CASTLE USA INC. TOWER, PER THE GROUNDING DOWN CONDUCTOR POLICY GAS-STD-10091. NO MODIFICATION OR DRILLING TO TOWER STEEL IS ALLOWED IN ANY FORM OR FASHION. CAD-WELDING ON THE TOWER AND/OR IN THE AIR ARE NOT PERMITTED.
2. OMIT INSULATOR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

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



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

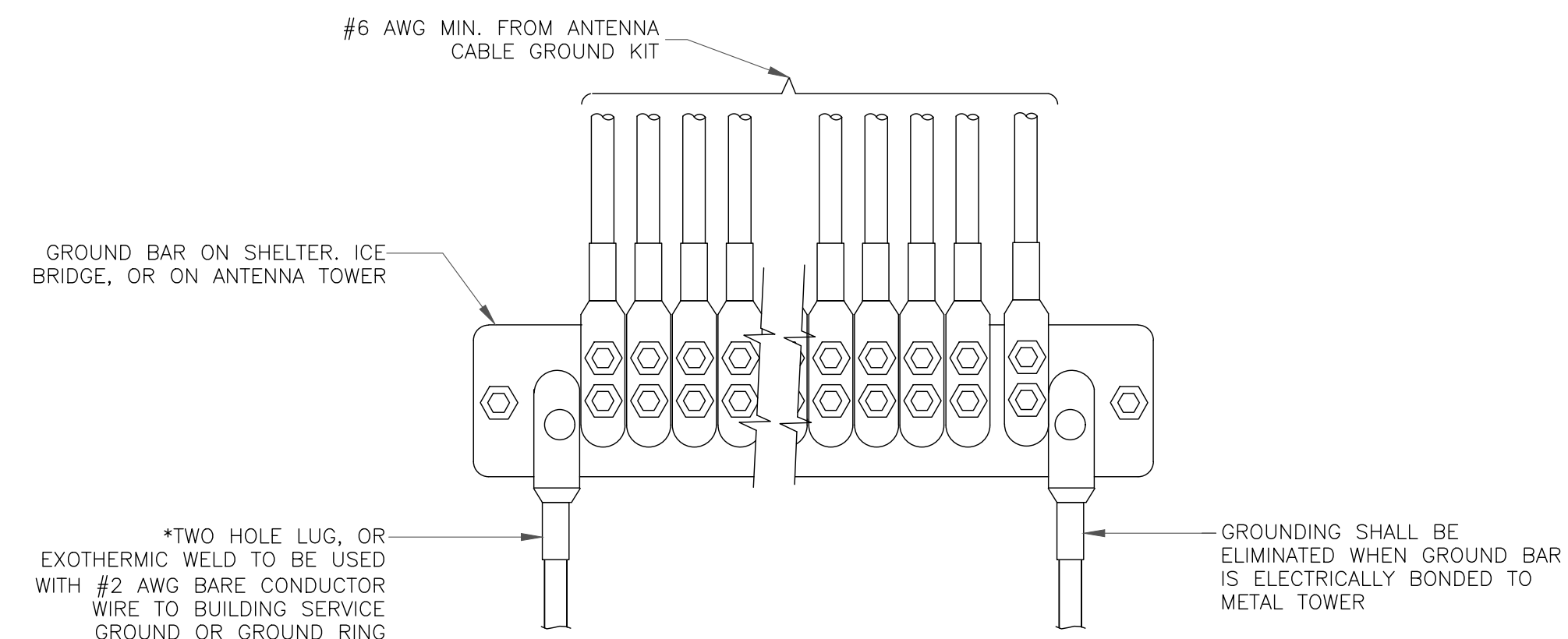
WIRE SIZE	BURNDY LUG	BOLT SIZE
#6 AWG GREEN INSULATED	YA6C-2TC38	3/8" - 16 NC S 2 BOLT
#2 AWG SOLID TINNED	YA3C-2TC38	3/8" - 16 NC S 2 BOLT
#2 AWG STRANDED	YA2C-2TC38	3/8" - 16 NC S 2 BOLT
#2/0 AWG STRANDED	YA26-2TC38	3/8" - 16 NC S 2 BOLT
#4/0 AWG STRANDED	YA28-2N	1/2" - 16 NC S 2 BOLT



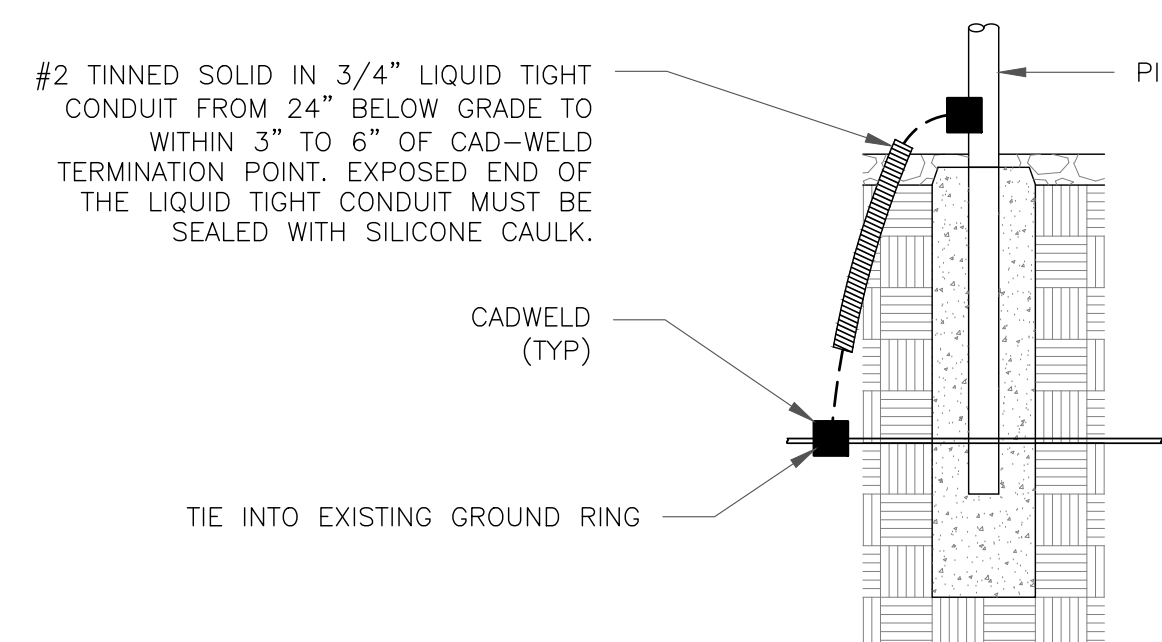
**NOTES:**

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

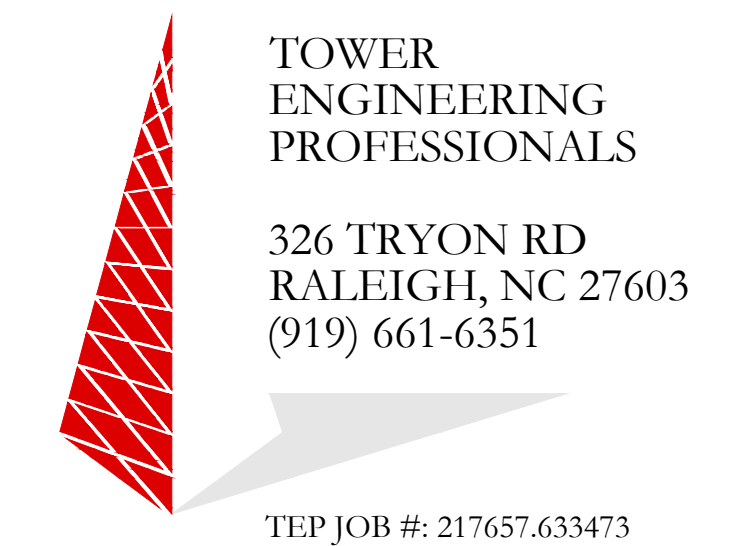
**2 MECHANICAL LUG CONNECTION**  
SCALE: NOT TO SCALE



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



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



VERIZON SITE NUMBER:  
**469148**

BU #: **826053**  
**MONROE-1/RT 25**

88 MAIN ST  
MONROE, CT 06468

EXISTING 195'-0" MONOPOLE

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





MOUNT MODIFICATION DRAWINGS  
EXISTING 14.50' PLATFORM

TOWER OWNER: CROWN CASTLE  
TOWER OWNER SITE NUMBER: 826053

CARRIER SITE NAME: MONROE SOUTH CT  
CARRIER SITE NUMBER: 469148  
FUZE ID: 16244651

88 MAIN STREET  
MONROE, CT 06468  
FAIRFIELD COUNTY

LATITUDE: 41.300556° N  
LONGITUDE: 73.245833° W



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SCALE: AS SHOWN JOB NUMBER: 21781009A

REV	DATE	DESCRIPTION	DRAWN BY	CHECKED BY
0	12/1/21	ISSUED FOR CONSTRUCTION	AH	DH

*Derek R. Hartzell*  
32710  
DIGITALLY SIGNED BY DEREK R. HARTZELL  
COLLIERS ENGINEERING & DESIGN CT, P.C.  
DATE: 2021.11.14 14:18:53 -04'00'

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SITE NAME:  
MONROE SOUTH CT  
469148  
88 MAIN STREET  
MONROE, CT 06468  
FAIRFIELD COUNTY

STAMFORD  
1055 Washington Boulevard  
Stamford, CT 06901  
Phone: 203.324.0800  
COLLIERS ENGINEERING & DESIGN CT, P.C.  
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TITLE SHEET

ST-1

DESIGN CRITERIA
<b>WIND LOADS</b> BASIC WIND SPEED (3 SECOND GUST), V = 117 MPH EXPOSURE CATEGORY C TOPOGRAPHIC CATEGORY I MEAN BASE ELEVATION (AMSL) = 297.44'
<b>ICE LOADS</b> ICE WIND SPEED (3 SECOND GUST), V = 50 MPH ICE THICKNESS = 1.00 IN
<b>SEISMIC LOADS</b> SEISMIC DESIGN CATEGORY B SHORT TERM MCER GROUND MOTION, S <sub>s</sub> = .213 LONG TERM MCER GROUND MOTION, S <sub>l</sub> = .055

PROJECT INFORMATION
<b>APPLICANT/LESSEE</b> COMPANY: VERIZON WIRELESS <b>CLIENT REPRESENTATIVE</b> COMPANY: VERIZON WIRELESS <b>PROJECT MANAGER</b> COMPANY: COLLIERS ENGINEERING & DESIGN CONTACT: PETER ALBANO PHONE: 856.797.0412 E-MAIL: PETER.ALBANO@COLLIERSENGINEERING.COM

CONTRACTOR PMI REQUIREMENTS
PMI LOCATION: HTTPS://PMI.VZWSMART.COM SMART TOOL PROJECT #: 10117476 VZW LOCATION CODE (PSLC): 469148 ANALYSIS DATE: 12/1/2021 PMI REQUIREMENTS EMBEDDED WITHIN MOUNT MODIFICATION REPORT

SHEET INDEX
SHEET DESCRIPTION
ST-1 TITLE SHEET
SBOM-1 BILL OF MATERIALS
SGN-1 GENERAL NOTES
SCF-1 CLIMBING FACILITY DETAIL
SS-1 MODIFICATION DETAILS
SS-2 MOUNT PHOTOS
SPECIFICATION SHEETS

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# BILL OF MATERIALS

## SECTION 1 - VZWSMART KITS

QUANTITY	MANUFACTURER	PART NUMBER	DESCRIPTION	NOTES	UNIT WEIGHT (LBS.)	WEIGHT (LBS.)	
1	VZWSMART	VZWSMART-PLK7	MONOPOLE COLLAR MOUNT ASSEMBLY		150	150	
3		VZWSMART-PLK6	V-BRACING KIT FOR MONOPOLE	CONTRACTOR TO VERIFY THE LENGTH REQUIRED AND TRIM AS NECESSARY IN ACCORDANCE WITH THE 'STRUCTURAL STEEL' NOTES ON SHEET SGN-1.	109	327	

## SECTION 2 - OTHER REQUIRED PARTS

QUANTITY	MANUFACTURER	PART NUMBER	DESCRIPTION	NOTES	UNIT WEIGHT (LBS.)	WEIGHT (LBS.)
<b>TOTAL:</b>						<b>477</b>

### VZWSMART KITS - APPROVED VENDORS

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

**NOTES:**

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



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SCALE: AS SHOWN	JOB NUMBER: 21781009A			
REV	DATE	ISSUED FOR CONSTRUCTION	APPROVED BY	CHECKED BY

*Derek R. Hartzell*

STATE OF CONNECTICUT  
Derek R. Hartzell  
32710  
LICENSED PROFESSIONAL ENGINEER

Digitally signed by Derek R. Hartzell  
COLLIERS ENGINEERING & DESIGN, CT  
DN: cn=Derek R. Hartzell, o=Colliers Engineering & Design, c=US, email=dhartzell@collierseng.com, date=2023.11.14:19:28:04+00'

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**SITE NAME:**

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469148**

88 MAIN STREET  
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FAIRFIELD COUNTY

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1055 Washington Boulevard  
Stamford, CT 06901  
Phone: 203.324.0800  
COLLIERS ENGINEERING & DESIGN CT, P.C.  
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**BILL OF MATERIALS**

SHEET NUMBER: **SBOM-1**

**PROJECT NOTES**

- SEE MODIFICATION NOTES
- THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE CODES, ORDINANCES, LAWS AND REGULATIONS OF ALL MUNICIPALITIES, UTILITY COMPANIES OR OTHER PUBLIC/GOVERNING AUTHORITIES.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS AND INSPECTIONS THAT MAY BE REQUIRED BY ANY FEDERAL, STATE, COUNTY OR MUNICIPAL AUTHORITIES.
- THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION MANAGER, IN WRITING, OF ANY CONFLICTS, ERRORS OR OMISSIONS PRIOR TO THE SUBMISSION OF BIDS OR PERFORMANCE OF WORK.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL EXISTING SITE IMPROVEMENTS PRIOR TO COMMENCING CONSTRUCTION. THE CONTRACTOR SHALL REPAIR ANY DAMAGE AS A RESULT OF CONSTRUCTION OF THIS FACILITY AT THE CONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE OWNER.
- THE SCOPE OF WORK FOR THIS PROJECT SHALL INCLUDE PROVIDING ALL MATERIALS, EQUIPMENT AND LABOR REQUIRED TO COMPLETE THIS PROJECT. ALL EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
- THE CONTRACTOR SHALL VISIT THE PROJECT SITE PRIOR TO SUBMITTING THE BID TO VERIFY THAT THE PROJECT CAN BE CONSTRUCTED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS AND CONSTRUCTION DRAWINGS.
- THE CONTRACTOR SHALL VERIFY ALL EXISTING DIMENSIONS AND CONDITIONS PRIOR TO COMMENCING ANY WORK. ALL DIMENSIONS OF EXISTING CONSTRUCTION SHOWN ON THESE DRAWINGS MUST BE VERIFIED. THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION MANAGER OF ANY DISCREPANCIES PRIOR TO ORDERING MATERIAL OR PROCEEDING WITH CONSTRUCTION.
- SINCE THE CELL SITE MAY BE ACTIVE, ALL SAFETY PRECAUTIONS MUST BE TAKEN WHEN WORKING AROUND HIGH LEVELS OF ELECTROMAGNETIC RADIATION. EQUIPMENT SHOULD BE SHUTDOWN PRIOR TO PERFORMING ANY WORK THAT COULD EXPOSE THE WORKERS TO DANGER. PERSONAL RF EXPOSURE MONITORS ARE REQUIRED TO BE WORN TO ALERT OF ANY POTENTIALLY DANGEROUS EXPOSURE LEVELS.
- NO NOISE, SMOKE, DUST OR ODOR WILL RESULT FROM THIS FACILITY AS TO CAUSE A NUISANCE.
- THE FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION (NO HANDICAP ACCESS IS REQUIRED).

**GENERAL NOTES**

- THESE MODIFICATIONS HAVE BEEN DESIGNED IN ACCORDANCE WITH THE GOVERNING PROVISIONS OF THE TELECOMMUNICATIONS INDUSTRY STANDARD TIA-222-H. MATERIALS AND SERVICES PROVIDED BY THE CONTRACTOR SHALL CONFORM TO THE ABOVE MENTIONED CODES.
- CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO PREVENT DAMAGE TO EXISTING STRUCTURES. ANY DAMAGE TO EXISTING STRUCTURES AS A RESULT OF THE CONTRACTOR'S WORK OR FROM DAMAGE DUE TO OTHER CAUSES SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE OWNER.
- CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS BEFORE BEGINNING WORK, ORDERING MATERIAL, AND PREPARING OF SHOP DRAWINGS. ANY DISCREPANCIES BETWEEN FIELD CONDITIONS AND THE CONTRACT DOCUMENTS SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ENGINEER. IF THE CONTRACTOR DISCOVERS ANY EXISTING CONDITIONS THAT ARE NOT REPRESENTED ON THESE DRAWINGS, OR ANY CONDITIONS THAT WOULD INTERFERE WITH THE INSTALLATION OF THE MODIFICATIONS, NOTIFY THE ENGINEER IMMEDIATELY.
- IT IS ASSUMED THAT ANY STRUCTURAL MODIFICATION WORK SPECIFIED ON THESE PLANS WILL BE ACCOMPLISHED BY KNOWLEDGEABLE WORKMEN WITH TOWER CONSTRUCTION EXPERIENCE.
- THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK AND SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION METHODS, MEANS, TECHNIQUES, SEQUENCES, AND PROCEDURES.
- 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 ANSII/TIA-322 (LATEST EDITION), OSHA, AND GENERAL INDUSTRY STANDARDS. ALL RIGGING PLANS SHALL ADHERE TO ANSII/TIA-322 (LATEST EDITION) INCLUDING THE REQUIRED INVOLVEMENT OF A QUALIFIED ENGINEER FOR CLASS IV CONSTRUCTION.
- THE CONTRACTOR IS SOLELY RESPONSIBLE FOR INITIATING, MAINTAINING, AND SUPERVISING ALL SAFETY PROGRAMS IN ACCORDANCE WITH APPLICABLE SAFETY CODES.
- WORK SHALL ONLY BE PERFORMED DURING CALM DRY DAYS (WINDS LESS THAN 30-MPH). THE STRUCTURE SHOWN ON THE DRAWINGS IS STRUCTURALLY SOUND ONLY IN THE COMPLETED FORM. THE

CONTRACTOR SHALL BE RESPONSIBLE FOR THE STRENGTH AND STABILITY OF THE STRUCTURE DURING ERECTION. CONTRACTOR SHALL PROVIDE TEMPORARY SUPPORT, SHORING, BRACING AND ANY OTHER STRUCTURAL SYSTEMS AS REQUIRED TO RESIST ALL FORCES THAT MAY OCCUR DURING HANDLING AND ERECTION UNTIL THE STRUCTURE IS FULLY COMPLETED. TEMPORARY SUPPORTS, BRACING AND OTHER STRUCTURAL SYSTEMS REQUIRED DURING CONSTRUCTION SHALL REMAIN THE CONTRACTOR'S PROPERTY AFTER THEIR USE.

- ALL INSTALLATIONS PERFORMED ON THIS STRUCTURE SHALL BE COMPLETED IN ACCORDANCE WITH THE GOVERNING PROVISIONS OF THE STANDARD FOR INSTALLATION, ALTERATION AND MAINTENANCE OF ANTENNA SUPPORTING STRUCTURES AND ANTENNAS, ANSII/TIA-322.
- CONTRACTOR SHALL SECURE SITE BACK TO EXISTING CONDITION UNDER SUPERVISION OF OWNER. ALL FENCE, STONE, GEOFABRIC, GROUNDING, AND SURROUNDING GRADE SHALL BE REPLACED AND REPAIRED AS REQUIRED TO ACHIEVE OWNER APPROVAL. POSITIVE DRAINAGE AWAY FROM TOWER SITE SHALL BE MAINTAINED.
- CONNECTIONS BETWEEN ITEMS SUPPORTED BY THE STRUCTURE AND THE STRUCTURE NOT SPECIFICALLY DETAILED IN THE CONTRACT DOCUMENTS ARE THE RESPONSIBILITY OF THE CONTRACTOR. SUCH CONNECTIONS SHALL BE DESIGNED, COORDINATED AND INSPECTED BY A PROFESSIONAL STRUCTURAL ENGINEER LICENSED IN THE STATE OF THE PROJECT. SUBMIT SIGNED AND SEALED CALCULATIONS DURING SHOP DRAWING REVIEW.
- DO NOT SCALE DRAWINGS.
- DO NOT USE THESE DRAWINGS FOR ANY OTHER SITE.
- ALL MATERIAL UTILIZED FOR THIS PROJECT MUST BE NEW AND FREE OF ANY DEFECTS. ANY MATERIAL SUBSTITUTIONS, INCLUDING BUT NOT LIMITED TO ALTERED SIZE AND/OR STRENGTHS, MUST BE APPROVED BY THE OWNER AND ENGINEER IN WRITING.
- THE MOUNT UNDER NO CIRCUMSTANCES SHOULD BE USED AS A TIE OFF POINT.

**STRUCTURAL STEEL**

- DESIGN, DETAILING, FABRICATION AND ERECTION OF STRUCTURAL STEEL SHALL CONFORM TO THE FOLLOWING PUBLICATIONS EXCEPT AS SPECIFICALLY INDICATED IN THE CONTRACT DOCUMENTS.
  - AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC) MANUAL OF STEEL CONSTRUCTION (15TH EDITION)
  - SPECIFICATION FOR STRUCTURAL JOINTS USING ASTM A325 OR A490 BOLTS
  - AISC CODE OF STANDARD PRACTICE
- STRUCTURAL STEEL SHALL CONFORM TO THE FOLLOWING UNLESS OTHERWISE SHOWN:
 

CHANNELS, ANGLES, PLATES, ETC.	ASTM A36 (GR 36)
STEEL PIPE	ASTM A53 (GR 35)
BOLTS	ASTM A325
NUTS	ASTM A563
LOCK WASHERS	LOCKING STRUCTURAL GRADE

- ALL SUBSTITUTIONS PROPOSED BY THE CONTRACTOR SHALL BE APPROVED IN WRITING BY THE ENGINEER. CONTRACTOR SHALL PROVIDE DOCUMENTATION TO ENGINEER FOR VERIFYING THE SUBSTITUTE IS SUITABLE FOR USE AND MEETS ORIGINAL DESIGN CRITERIA. DIFFERENCES FROM THE ORIGINAL DESIGN, INCLUDING MAINTENANCE, REPAIR AND REPLACEMENT, SHALL BE NOTED. ESTIMATES OF COSTS/CREDITS ASSOCIATED WITH THE SUBSTITUTION (INCLUDING RE-DESIGN COSTS AND COSTS TO SUB-CONTRACTORS) SHALL BE PROVIDED TO THE ENGINEER. CONTRACTOR SHALL PROVIDE ADDITIONAL DOCUMENTATION AND/OR SPECIFICATIONS TO THE ENGINEER AS REQUESTED.
- PROVIDE STRUCTURAL STEEL SHOP DRAWINGS TO ENGINEER FOR APPROVAL PRIOR TO FABRICATION.
  - SUBMIT SHOP DRAWINGS TO  
PETER.ALBANO@COLLIERSENGINEERING.COM
  - PROVIDE MASER CONSULTING PROJECT # AND MASER CONSULTING PROJECT ENGINEER CONTACT IN THE BODY OF THE EMAIL.
- DRILL NO HOLES IN ANY NEW OR EXISTING STRUCTURAL STEEL MEMBERS OTHER THAN THOSE SHOWN ON STRUCTURAL DRAWINGS WITHOUT THE APPROVAL OF THE ENGINEER OF RECORD.
- GALVANIZED ASTM A325 BOLTS SHALL NOT BE REUSED.
- ALL NEW STEEL SHALL BE HOT BE DIPPED GALVANIZED FOR FULL WEATHER PROTECTION. IN ADDITION ALL NEW STEEL SHALL BE PAINTED TO MATCH EXISTING STEEL. CONTRACTOR SHALL OBTAIN WRITTEN PERMISSION TO PROTECT STEEL BY ANY OTHER MEANS.
- CONTRACTOR SHALL PROTECT CUT ENDS OF ALL FIELD-CUT STEEL WITH TWO (2) COATS OF COLD GALVANIZATION (ZINGA OR ZINC COTE).
- ALL BOLT ASSEMBLIES FOR STRUCTURAL MEMBERS REPRESENTED IN THIS DRAWING REQUIRE LOCKING DEVICES TO BE INSTALLED IN ACCORDANCE WITH TIA-222-H SECTION 4.9.2 REQUIREMENTS.
- WHERE CONNECTIONS ARE NOT FULLY DETAILED ON THESE DRAWINGS, FABRICATOR SHALL DESIGN CONNECTIONS TO RESIST LOADS AND FORCES WHERE SHOWN ON DRAWINGS AND AS OUTLINED IN SPECIFICATIONS.
- FOR MEMBERS BEING REPLACED, PROVIDE NEW BOLTS AND MATCH EXISTING SIZE AND GRADE. MAINTAIN AISC REQUIREMENTS FOR MINIMUM BOLT DISTANCE AND SPACING.

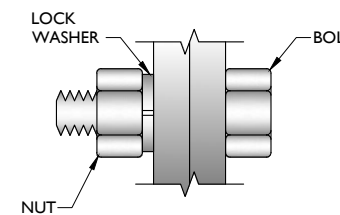
- ALL PROPOSED AND/OR REPLACED BOLTS SHALL BE OF SUFFICIENT LENGTH SUCH THAT THE END OF THE BOLT IS AT LEAST FLUSH WITH THE FACE OF THE NUT. IT IS NOT PERMITTED FOR THE BOLT END TO BE BELOW THE FACE OF THE NUT AFTER TIGHTENING IS COMPLETED.
- GALVANIZED ASTM A325 BOLTS SHALL NOT BE REUSED.
- ALL EXISTING PAINTED/GALVANIZED SURFACES DAMAGED DURING REHAB INCLUDING AREAS UNDER STIFFENER PLATES SHALL BE WIRE BRUSHED CLEAN, REPAIRED BY COLD GALVANIZING (ZINGA OR ZINC COTE), AND REPAINTED TO MATCH THE EXISTING FINISH (IF APPLICABLE).
- ALL HOLES IN STEEL MEMBERS SHALL BE SIZED 1/16" LARGER THAN THE BOLT DIAMETER. STANDARD HOLES SHALL BE USED UNLESS NOTED OTHERWISE.

**WELDING NOTES**

- ALL WELDING SHALL BE DONE IN ACCORDANCE WITH AWS D1.0 (LATEST EDITION). THIS SHALL INCLUDE A CERTIFIED WELD INSPECTION (CWI) FOR ACCEPTANCE OR REJECTION OF ALL WELDING OPERATIONS, PRE, DURING, AND POST INSTALLATION, USING THE ACCEPTANCE CRITERIA OF AWS D1.1.
- CONTRACTOR IS RESPONSIBLE FOR COMMISSIONING A THIRD PARTY CERTIFIED WELD INSPECTOR (CWI) THROUGHOUT THE ENTIRETY OF THE PROJECT. A PASSING CWI REPORT SHALL BE PROVIDED TO THE ENGINEER UPON COMPLETION OF THE PROJECT.
- THE CERTIFIED WELD INSPECTOR SHALL INDICATE, IN A WRITTEN CWI REPORT, THAT ALL WELDING OPERATIONS PRE, DURING, AND POST INSTALLATION WERE CONDUCTED IN ACCORDANCE WITH AWS D1.1 WITH PHOTOGRAPHS AND DOCUMENTATION SUPPORTING THE ACCEPTANCE OR REJECTION OF ALL WELDING. ALL CWI WELD INSPECTION DOCUMENTATION AND PHOTOS SHALL BE SUBMITTED DURING THE PMI.
- IN CASES WHERE A WELD IS SPECIFIED BETWEEN TWO MEMBERS IN WHICH THERE IS A GAP IN BETWEEN, THE WELD IS TO BE BUILT-UP SUCH THAT THE SIZE OF WELD ON THE MEMBER IS EQUAL TO THAT SHOWN IN THE DRAWINGS.
- OXY FUEL GAS WELDING OR BRAZING IS STRICTLY PROHIBITED. SPECIFICALLY, NO TORCH CUTTING IS PERMITTED ON SITE. ALL HOLES SHALL BE CUT WITH A GRINDER.
- CONTRACTOR SHALL EXERCISE CAUTION WHEN WELDING A GALVANIZED SURFACE.
- CONTRACTOR SHALL HAVE A FIRE PROTECTION PLAN IN PLACE THAT CONFORMS WITH ALL OSHA, ANSII/ASSE A10.48, ANSII Z49.1, AND LOCAL JURISDICTIONAL REQUIREMENTS.

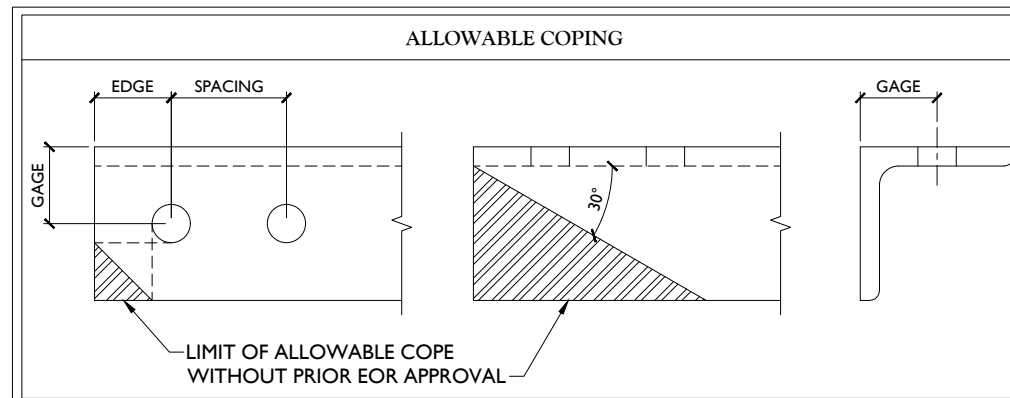
BOLT SCHEDULE (IN.)				
BOLT DIAMETER	STANDARD HOLE	SHORT SLOT	MIN. EDGE DISTANCE	SPACING
1/2	9/16	9/16 x 11/16	7/8	1 1/2
5/8	11/16	11/16 x 7/8	1 1/8	1 7/8
3/4	13/16	13/16 x 1	1 1/4	2 1/4
7/8	15/16	15/16 x 1 1/8	1 1/2	2 5/8
1	1 1/16	1 1/16 x 1 5/16	1 3/4	3

WORKABLE GAGES (IN.)	
LEG	GAGE
4	2 1/2
3 1/2	2
3	1 3/4
2 1/2	1 3/8
2	1 1/8



**TYP. BOLT ASSEMBLY**

- NOTES:**
- ALL DIMENSIONS REPRESENTED IN THE ABOVE TABLES ARE AISC MINIMUM REQUIREMENTS. CONTRACTOR SHALL VERIFY EXISTING CONDITIONS IN FIELD AND NOTIFY ENGINEER IF DISTANCES ARE LESS THAN THOSE PROVIDED.
  - THE DIMENSIONS PROVIDED ARE MINIMUM REQUIREMENTS. ACTUAL DIMENSIONS OF PROPOSED MEMBERS WITHIN THESE DRAWINGS MAY VARY FROM THE AISC MINIMUM REQUIREMENTS.
  - SHORT SLOT HOLES SHALL ONLY BE USED WHEN DEPICTED IN THE DRAWINGS
  - MATCH EXISTING GAGES WHEN APPLICABLE, UNLESS MINIMUM EDGE DISTANCES ARE COMPROMISED.



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Digitally signed by Derek R. Hartzell  
COLLIERS ENGINEERING & DESIGN CT, P.C.  
C. 2021.000114:19:29-04'00'

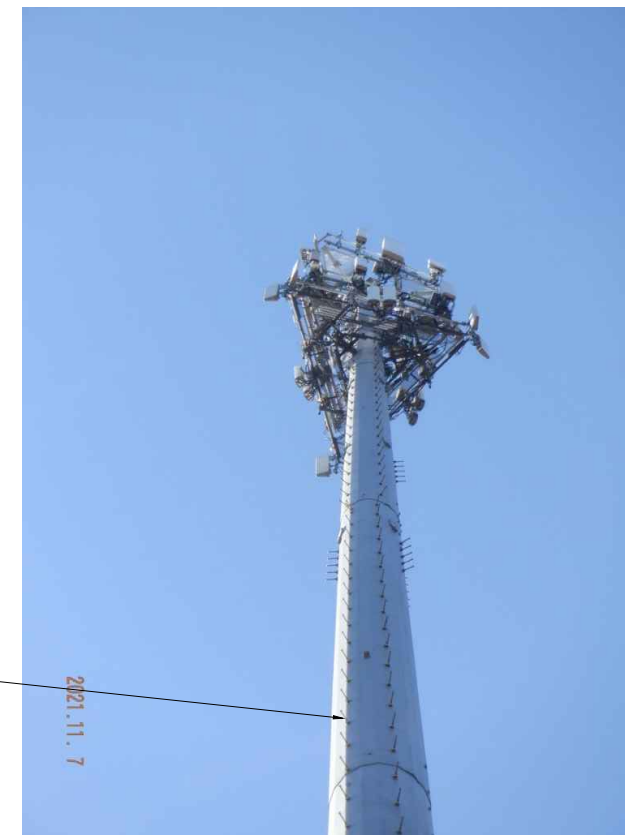
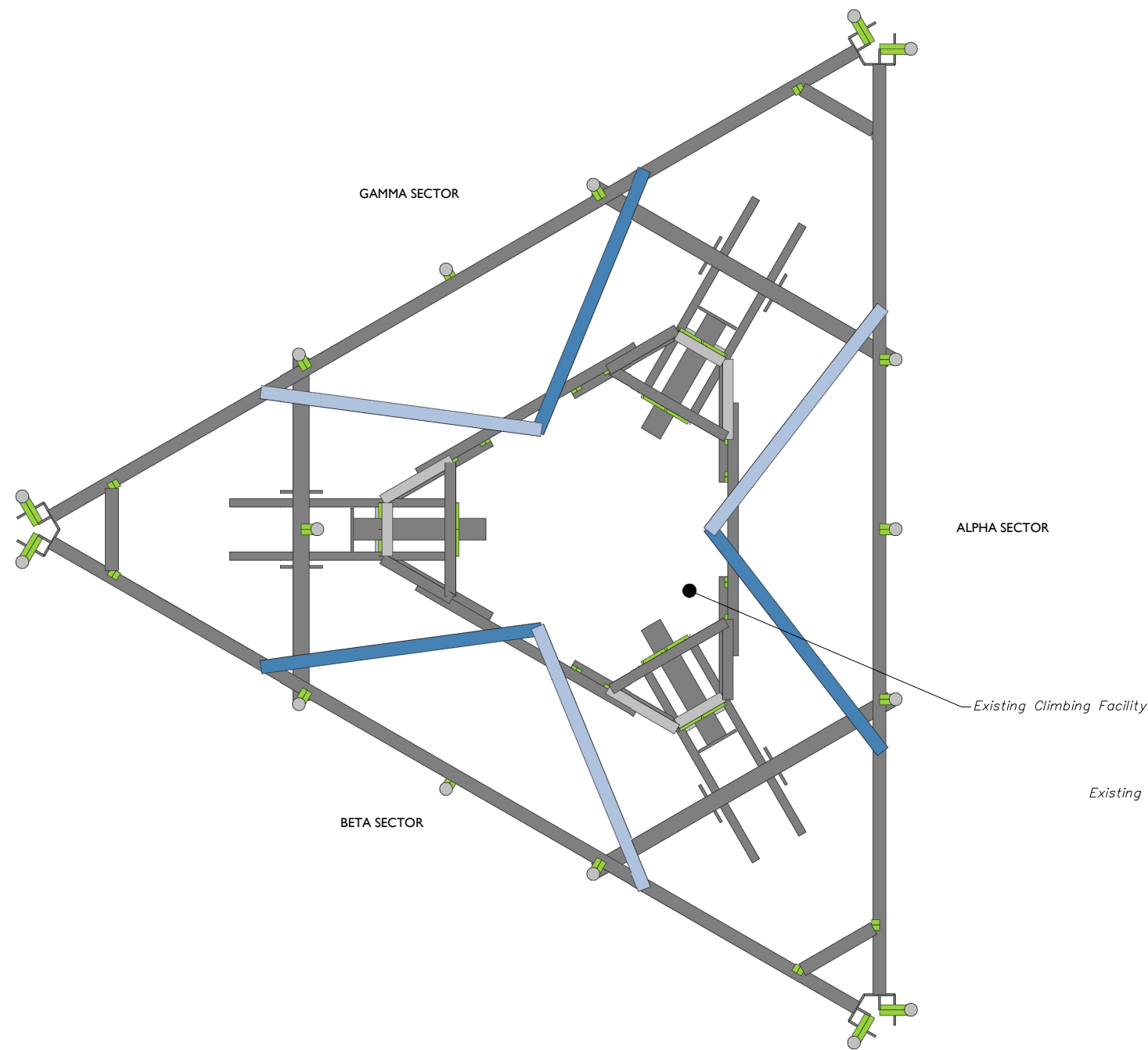
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469148  
88 MAIN STREET  
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FAIRFIELD COUNTY

**Colliers Engineering & Design**  
STAMFORD  
1055 Washington Boulevard  
Stamford, CT 06901  
Phone: 203.324.0800  
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**MODIFICATION NOTES**

SHEET NUMBER: **SGN-I**



CLIMBING FACILITY PHOTO

1 CLIMBING FACILITY LOCATION  
SCALE : N.T.S.

**STRUCTURAL NOTES:**

1. PER THE MOUNT MAPPING COMPLETED BY RKS DESIGN & ENGINEERING, LLC ON 11/7/2021, THE CLIMBING FACILITIES UP TO THE VERIZON MOUNT ELEVATION (163'-6") ARE IN GOOD CONDITION. COLLIERS ENGINEERING & DESIGN DOES NOT WARRANT THIS INFORMATION.
2. INSTALL SHALL NOT CAUSE HARM TO THE STRUCTURE, CLIMBING FACILITY, SAFETY CLIMB, OR ANY SYSTEM INSTALLED ON THE STRUCTURE. TIMELY NOTICE AND DOCUMENTATION SHALL BE PROVIDED BY CONTRACTORS TO THE EOR (OF STRUCTURAL DESIGN) IF AN OBSTRUCTION WAS REQUIRED TO MEET THE RF SYSTEM DESIGN REQUIREMENTS AND PERFORMANCES.



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*Derek Hartzell*  
STATE OF CONNECTICUT  
Derek R. Hartzell  
32710  
PROFESSIONAL ENGINEER  
Digitally signed by Derek R. Hartzell  
COLLIERS ENGINEERING & DESIGN, CT  
Date: 2021.11.14 19:29:04'00'

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SHEET TITLE:  
**CLIMBING FACILITY DETAIL**

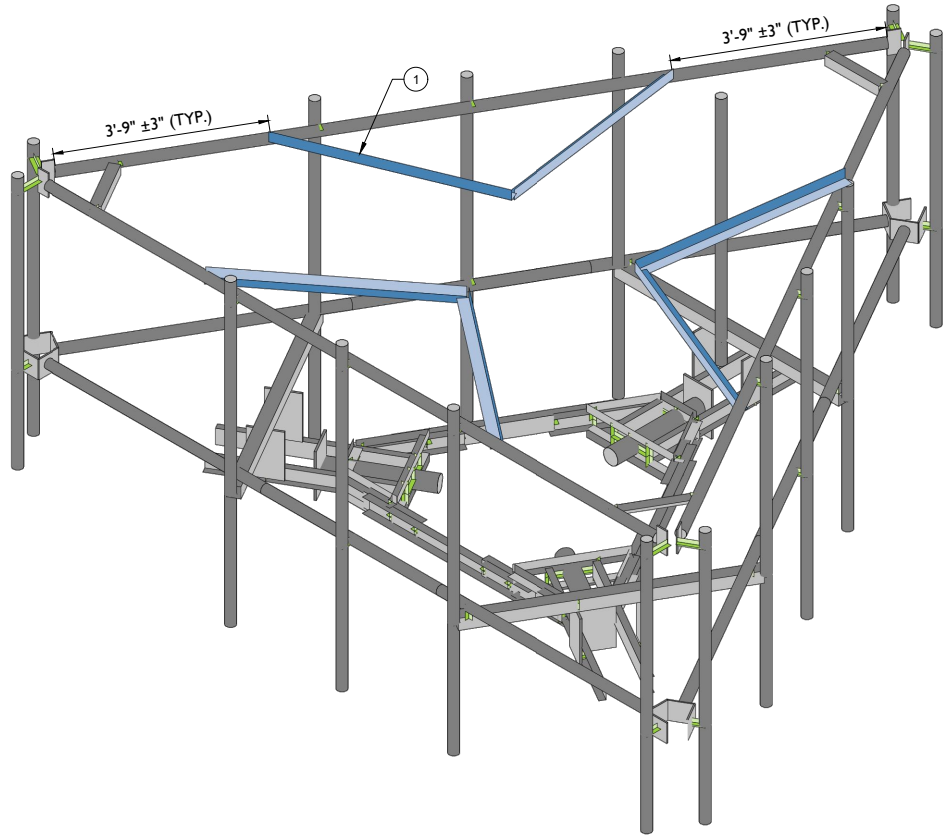
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**SCF-1**

**LEGEND:**

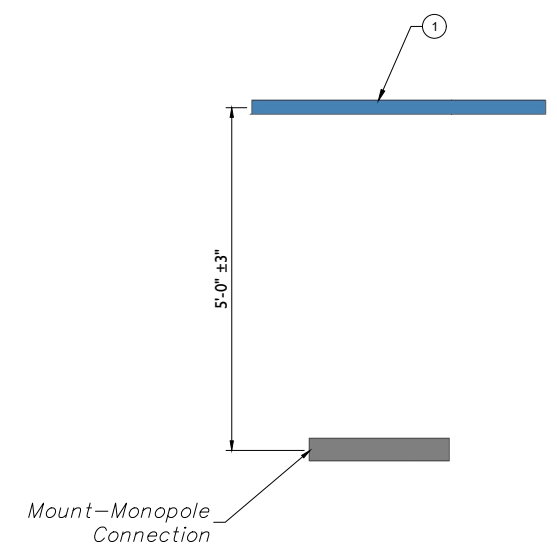
- PROPOSED
- RELOCATED
- EXISTING

MOUNT MODIFICATION SCHEDULE				
NO.	ELEVATION	QUANTITY	DESCRIPTION	NOTES
1	163'-6"	3	PROPOSED V-BRACING KIT FOR MONOPOLE (PART #: VZWSMART-PLK6)	CONTRACTOR TO VERIFY THE LENGTH REQUIRED AND TRIM AS NECESSARY IN ACCORDANCE WITH THE 'STRUCTURAL STEEL' NOTES ON SHEET SGN-1. CONNECT OTHER END OF V-BRACING KIT TO MONOPOLE COLLAR MOUNT ASSEMBLY (PART #: VZWSMART-PLK7).

**NOTES:**  
MOUNT MEMBERS NOT SHOWN FOR CLARITY U.N.O.



1 **PROPOSED ISOMETRIC VIEW**  
SCALE : N.T.S.



2 **PROPOSED SIDE ELEVATION VIEW (TYP. ALL SECTORS)**  
SCALE : N.T.S.



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32710  
PROFESSIONAL ENGINEER  
DIGITALLY SIGNED BY DEREK R. HARTZELL  
COLLIERS ENGINEERING & DESIGN, INC.  
DATE: 2021.11.14 14:19:29 -04'00'

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**MODIFICATION DETAILS**

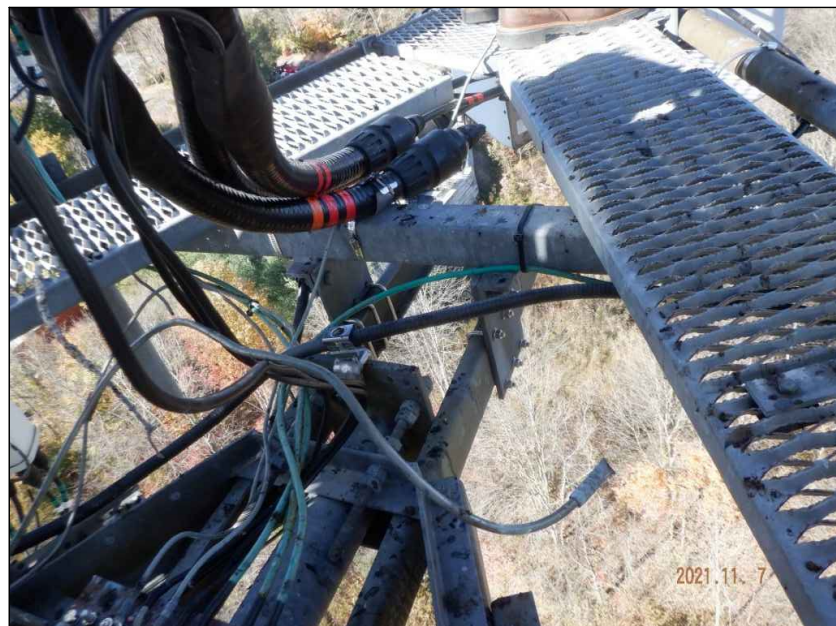
SHEET NUMBER: **SS-1**



MOUNT PHOTO 1



MOUNT PHOTO 2



MOUNT PHOTO 3



MOUNT PHOTO 4



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 DEREK R. HARTZELL  
 32710  
 LICENSED PROFESSIONAL ENGINEER  
 Digitally signed by Derek R. Hartzell  
 COLLIERS ENGINEERING & DESIGN CT  
 C:\Users\dmh\OneDrive\Documents\114-19-29-04\00'

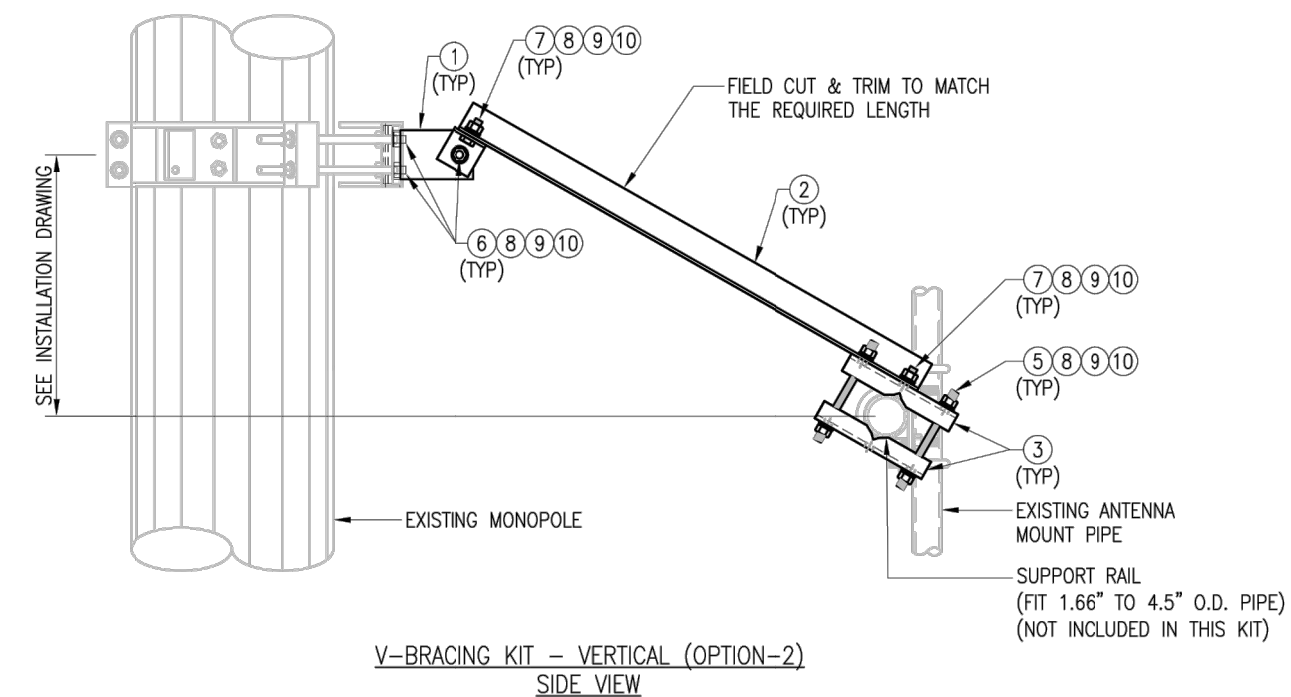
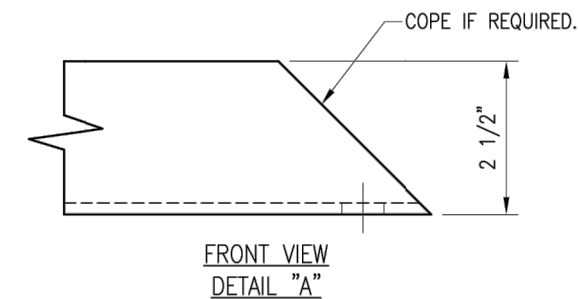
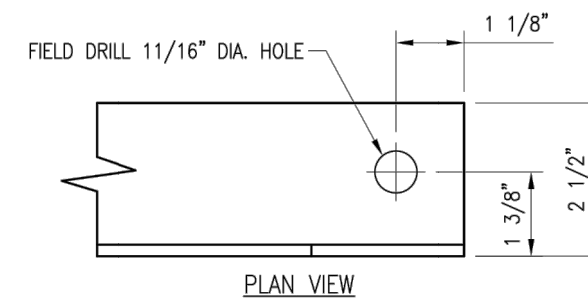
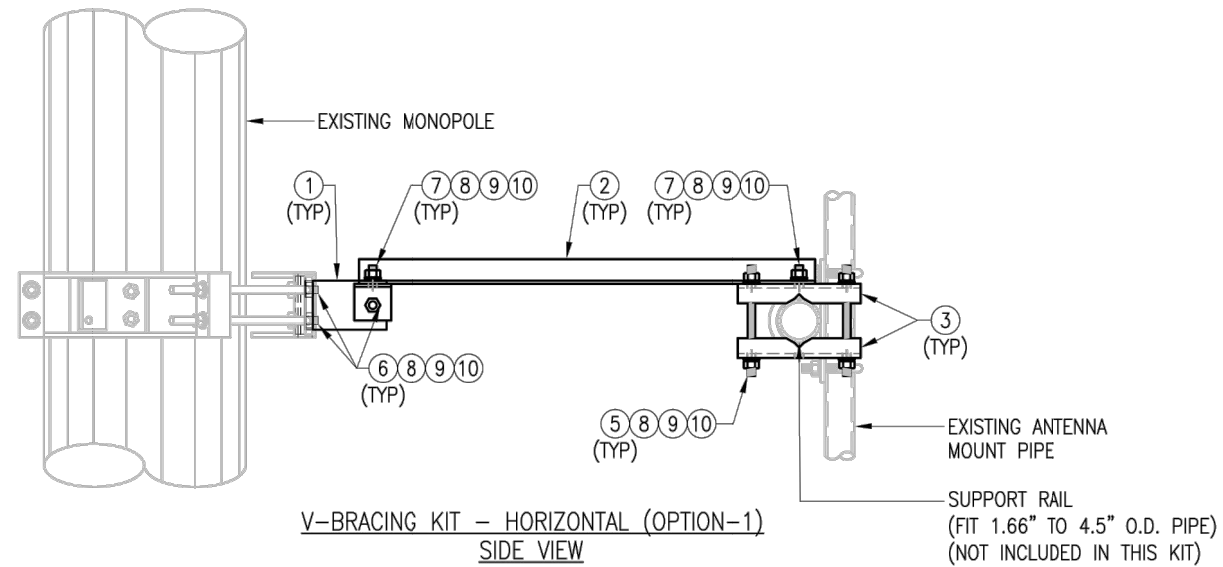
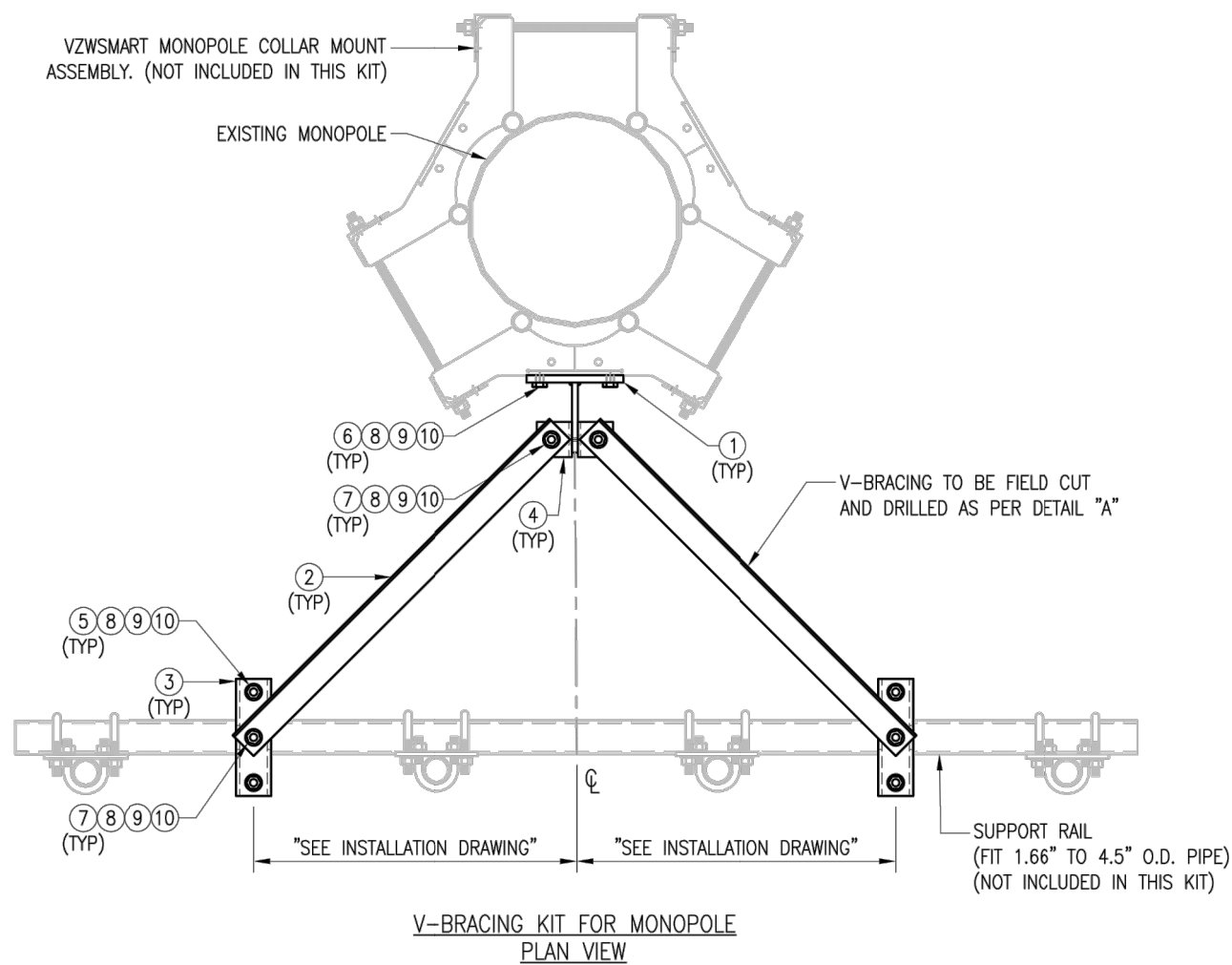
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SHEET TITLE:  
 MOUNT PHOTOS

SHEET NUMBER:  
 SS-2



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

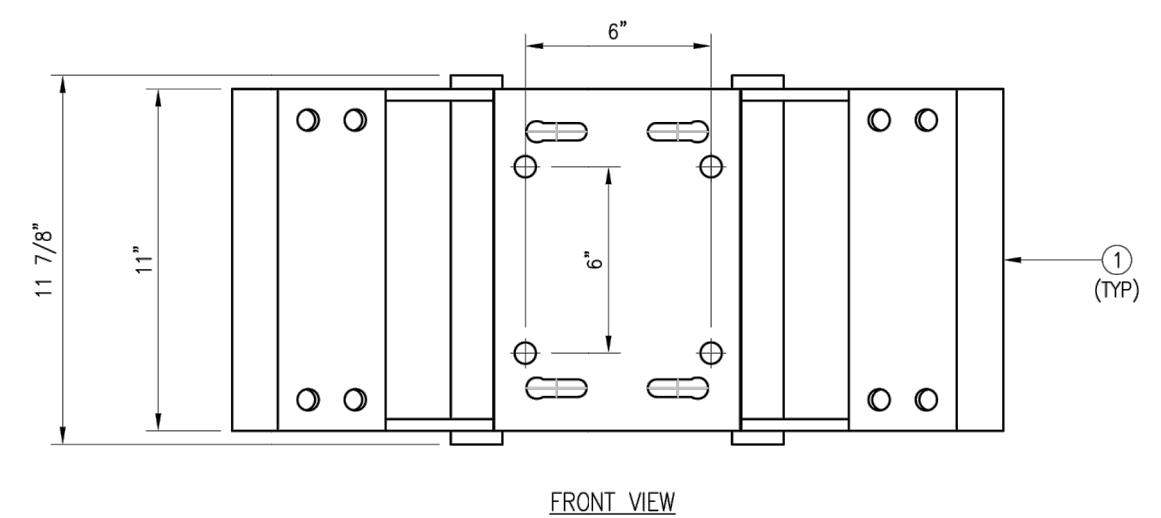
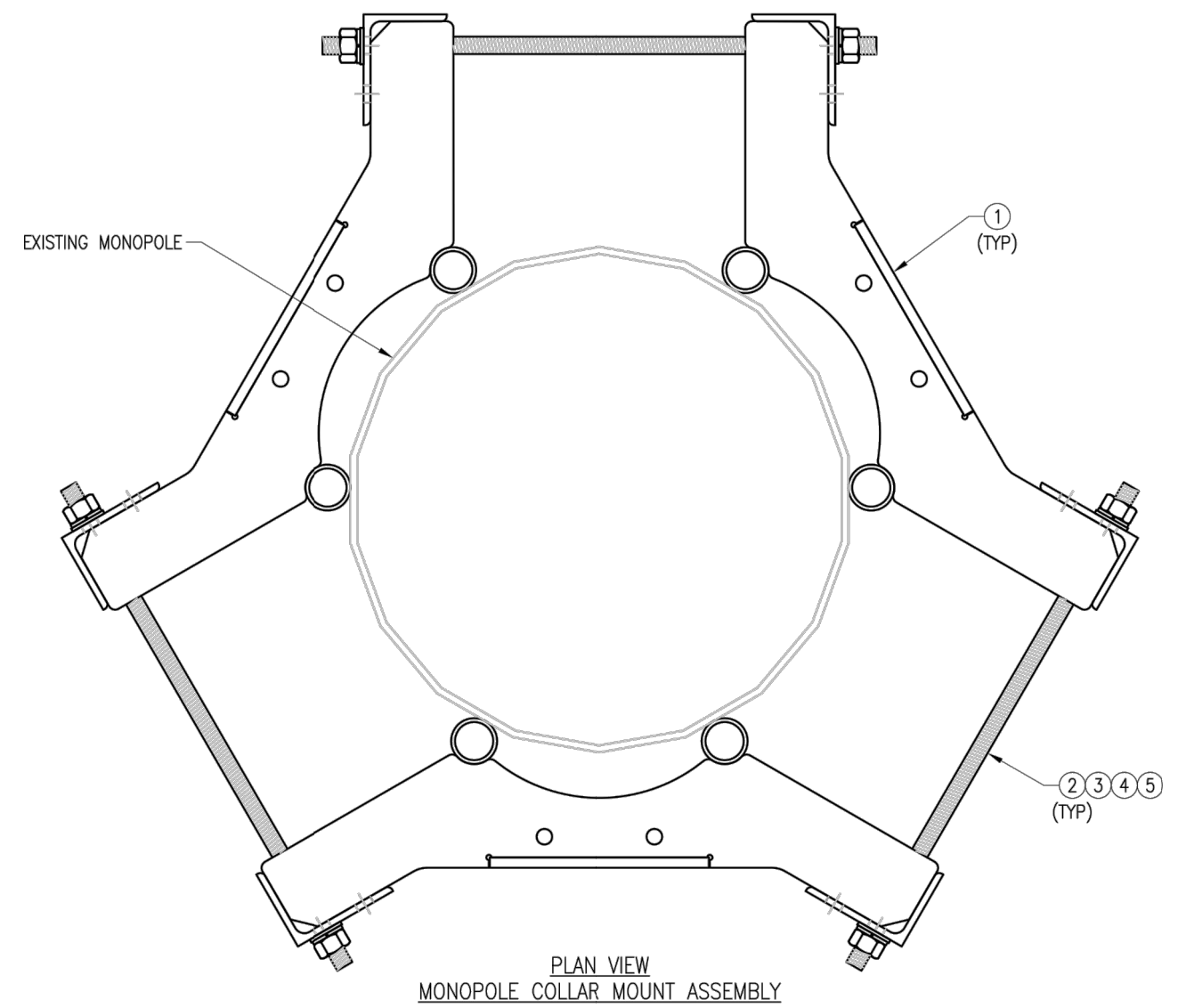
VZSMART-PLK6 (V-BRACING KIT FOR MONOPOLE)					
ITEM NO.	QTY.	PART NO.	DESCRIPTION	SHEET #	WT
1	1	BRKW-6A	WELDMENT BRACKET	PLK6-F1	16
2	2	L252525-8	L 2 1/2" X 2 1/2" X 1/4" X 8'-0" A36	PLK6-F2	67
3	4	BP6875-10	PL 3/8" X 6 7/8" X 10" A36 BENT PLATE	PLK6-F2	20
4	2	AL-333	L 3" X 3" X 1/4" X 3" A36	PLK6-F2	3
5	4	---	THREADED ROD 5/8" DIA. X 10" F1554-36 HDG	---	---
6	5	---	BOLT 5/8" X 2 1/4" A325	---	---
7	4	---	BOLT 5/8" X 1 3/4" A325	---	---
8	17	FW-625	5/8" HDG USS FLAT WASHER	---	2
9	17	LW-625	5/8" HDG LOCK WASHER	---	0
10	17	NUT-625	5/8" HDG HEX NUT	---	2
GALVANIZED WT					109

DRAWN BY: FL CHECKED BY: KL/BT

REV.	DESCRIPTION	BY	DATE
△	FIRST ISSUE	FL	04/13/21
△			
△			
△			

SHEET TITLE:  
 VZSMART-PLK6  
 V-BRACING KIT FOR  
 MONOPOLE

SHEET NUMBER: VZSMART-PLK6 REV #: 0



**NOTES:**  
 1. FIT 12" TO 45" DIA MONOPOLE.  
 2. HOT-DIPPED GALVANIZED PER ASTM A123.

VZSMART-PLK7 (MONOPOLE COLLAR MOUNT ASSEMBLY)					
ITEM NO.	QTY.	PART NO.	DESCRIPTION	SHEET #	WT
1	3	CM-1245	COLLAR MOUNT ASSEMBLY	PLK7-F1	147
2	6	---	THREADED ROD 5/8" X 4'-0" A193-B7	---	---
3	12	FW-625	5/8" HDG USS FLAT WASHER	---	1
4	12	LW-625	5/8" HDG LOCK WASHER	---	0
5	12	NUT-625	5/8" HDG HEX NUT	---	1
GALVANIZED WT					150

DRAWN BY: BT		CHECKED BY: HMA/KW	
REV.	DESCRIPTION	BY	DATE
△	FIRST ISSUE	BT	05/11/20
△			
△			
△			

SHEET TITLE:	
VZSMART-PLK7 MONOPOLE COLLAR MOUNT ASSEMBLY	
SHEET NUMBER:	REV #:
VZSMART-PLK7	0



# Exhibit D

## **Structural Analysis Report**

Date: **October 11, 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:** 469148  
**Site Name:** Monroe South CT

**Crown Castle Designation:** **BU Number:** 826053  
**Site Name:** Monroe-1/Rt 25  
**JDE Job Number:** 689200  
**Work Order Number:** 2028761  
**Order Number:** 589615 Rev. 0

**Engineering Firm Designation:** **B+T Group Project Number:** 157089.001.01

**Site Data:** **88 Main Street, Monroe, Fairfield County, CT**  
**Latitude 41° 18' 6.06", Longitude -73° 15' 2.92"**  
**195 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**

This analysis utilizes an ultimate 3-second gust wind speed of 117 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: Erika Ruiz

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



Chad E. Tuttle, P.E.

tnxTower Report - version 8.1.1.0

## TABLE OF CONTENTS

### 1) INTRODUCTION

### 2) ANALYSIS CRITERIA

Table 1 - Proposed Equipment Configuration

Table 2 - Other Considered Equipment

### 3) ANALYSIS PROCEDURE

Table 3 - Documents Provided

3.1) Analysis Method

3.2) Assumptions

### 4) ANALYSIS RESULTS

Table 4 - Section Capacity (Summary)

Table 5 – Tower Component Stresses vs. Capacity - LC7

4.1) Recommendations

### 5) APPENDIX A

tnxTower Output

### 6) APPENDIX B

Base Level Drawing

### 7) APPENDIX C

Additional Calculations

## 1) INTRODUCTION

This tower is a 195 ft. Monopole tower designed by Summit on May of 2001.

## 2) ANALYSIS CRITERIA

<b>TIA-222 Revision:</b>	TIA-222-H
<b>Risk Category:</b>	II
<b>Wind Speed:</b>	117 mph
<b>Exposure Category:</b>	B
<b>Topographic Factor:</b>	1
<b>Ice Thickness:</b>	1 in
<b>Wind Speed with Ice:</b>	50 mph
<b>Service Wind Speed:</b>	60 mph

**Table 1 - Proposed Equipment Configuration**

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)
165.0	165.0	6	Andrew	SBNHH-1D65B	6 2	1-5/8 1-1/4
		6	Antel	LPA-80080/6CF		
		2	Raycap	RRFDC-3315-PF-48		
		3	Samsung Telecomm.	MT6407-77A		
		3	Samsung Telecomm.	RFV01U-D1A		
		3	Samsung Telecomm.	RFV01U-D2A		
		1	--	Platform Mount [LP 404-1]		

**Table 2 - Other Considered Equipment**

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)
195.0	195.0	3	Commscope	SDX1926Q-43	13	1-5/8
		3	Ericsson	AIR 32 B2A/B66AA		
		3	Ericsson	AIR6449 B41_T-MOBILE		
		3	Ericsson	KRY 112 144/1		
		3	Ericsson	RADIO 4449 B12/B71		
		3	Ericsson	RRUS 4415 B25_CCIV2		
		3	RFS Celwave	APXVAARR24_43-U-NA20		
		1	Site Pro 1	RMQP-4096-HK Platform Mount		
175.0	175.0	3	CCI Antennas	OPA-65R-LCUU-H6	6 6 3	1-5/8 7/8 3/8
		3	Ericsson	RRUS 32 B2		
		3	Ericsson	RRUS 32 B30		
		3	Ericsson	RRUS 4426 B66		
		3	Ericsson	RRUS 4478 B5		
		3	Ericsson	RRUS-11		
		6	Powerwave Tech.	7020.00		
		3	Powerwave Tech.	7770.00		

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)
		6	Powerwave Tech.	LGP21401		
		3	Quintel Tech.	QS66512-2		
		2	Raycap	DC6-48-60-18-8C		
		1	Raycap	DC6-48-60-18-8F		
		1	--	Platform Mount [LP 303-1_HR-1]		
147.0	147.0	3	Fujitsu	TA08025-B604	1	1-1/2
		3	Fujitsu	TA08025-B605		
		3	JMA Wireless	MX08FRO665-21		
		1	Raycap	RDIDC-9181-PF-48		
		1	--	Commscope MC-PK8-DSH		

### 3) ANALYSIS PROCEDURE

**Table 3 - Documents Provided**

Document	Reference	Source
Tower Manufacturer Drawing	3488966	CCI Sites
Foundation Drawing	3950063	CCI Sites
Geotech Report	3488965	CCI Sites
Crown CAD Package	Date: 10/07/2021	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	195 - 157.5	Pole	TP33.351x26x0.25	1	-16.098	1572.763	23.3	Pass
L2	157.5 - 116.75	Pole	TP40.839x32.018x0.313	2	-26.971	2406.411	48.2	Pass
L3	116.75 - 77	Pole	TP48.006x39.185x0.375	3	-37.892	3396.361	54.6	Pass
L4	77 - 38	Pole	TP54.901x46.08x0.375	4	-50.536	3886.134	66.5	Pass
L5	38 - 0	Pole	TP61.6x52.779x0.438	5	-69.438	5216.935	62.0	Pass
							Summary	
						Pole (L4)	66.5	Pass
						Rating =	66.5	Pass

**Table 5 - Tower Component Stresses vs. Capacity - LC7**

Notes	Component	Elevation (ft)	% Capacity	Pass / Fail
1,2	Anchor Rods	Base	59.6	Pass
1,2	Base Plate	Base	51.4	Pass
1,2	Base Foundation (Structure)	Base	58.3	Pass
1,2	Base Foundation (Soil Interaction)	Base	38.8	Pass

<b>Structure Rating (max from all components) =</b>	<b>66.5%</b>
---	--------------

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.

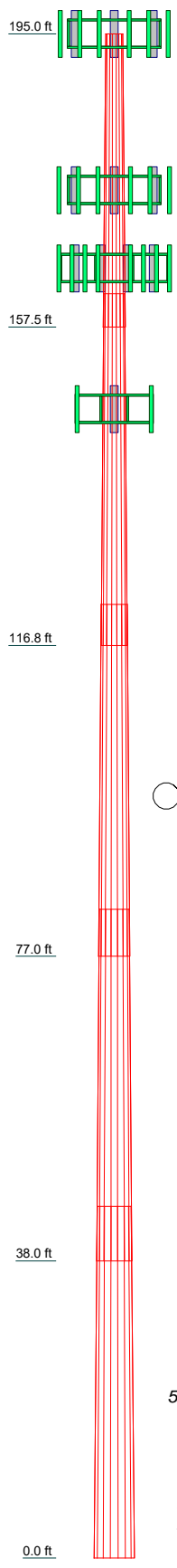
#### 4.1) Recommendations

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

**APPENDIX A**

**TNXTOWER OUTPUT**

Section	1	2	3	4	5
Length (ft)	37.500	45.000	45.000	45.000	45.000
Number of Sides	18	18	18	18	18
Thickness (in)	0.250	0.313	0.375	0.375	0.438
Socket Length (ft)	4.250	5.250	6.000	7.000	7.000
Top Dia (in)	26.000	32.018	39.185	46.080	52.779
Bot Dia (in)	33.351	40.839	48.006	54.901	61.600
Grade	A607-65				
Weight (K)	3.0	5.5	7.9	9.1	12.1

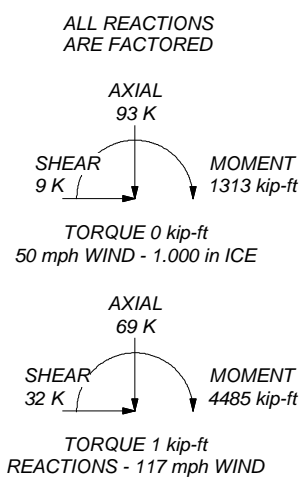


**MATERIAL STRENGTH**

GRADE	Fy	Fu	GRADE	Fy	Fu
A607-65	65 ksi	80 ksi			

**TOWER DESIGN NOTES**

1. Tower is located in Fairfield County, Connecticut.
2. Tower designed for Exposure B to the TIA-222-H Standard.
3. Tower designed for a 117 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: 66.5%



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 Tulsa, OK 74119  
 Phone: (918) 587-4630  
 FAX: (918) 295-0265

Job: <b>157089.001.01 - Monroe-1/Rt 25, CT (BU# 82605)</b>		
Project:		
Client: Crown Castle	Drawn by: S Shetty	App'd:
Code: TIA-222-H	Date: 10/09/21	Scale: NTS
Path:	Dwg No: E-1	

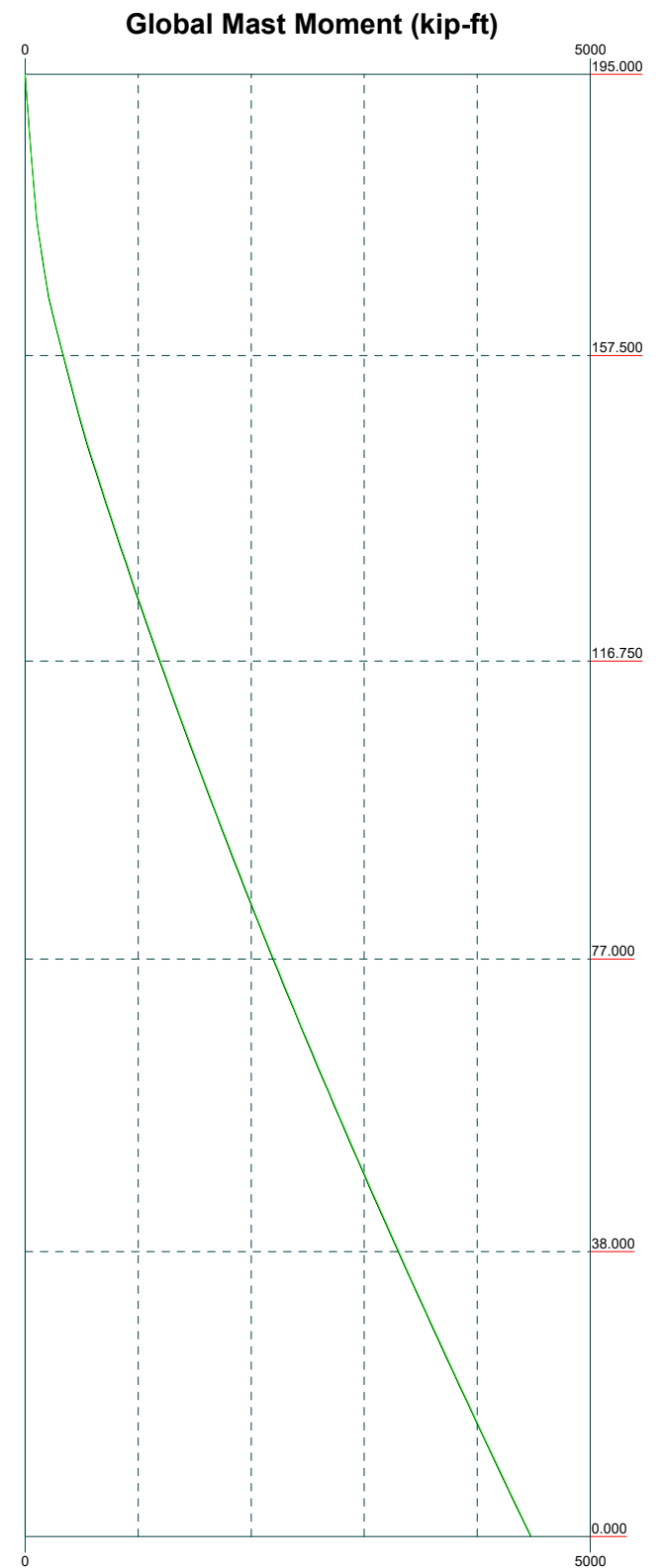
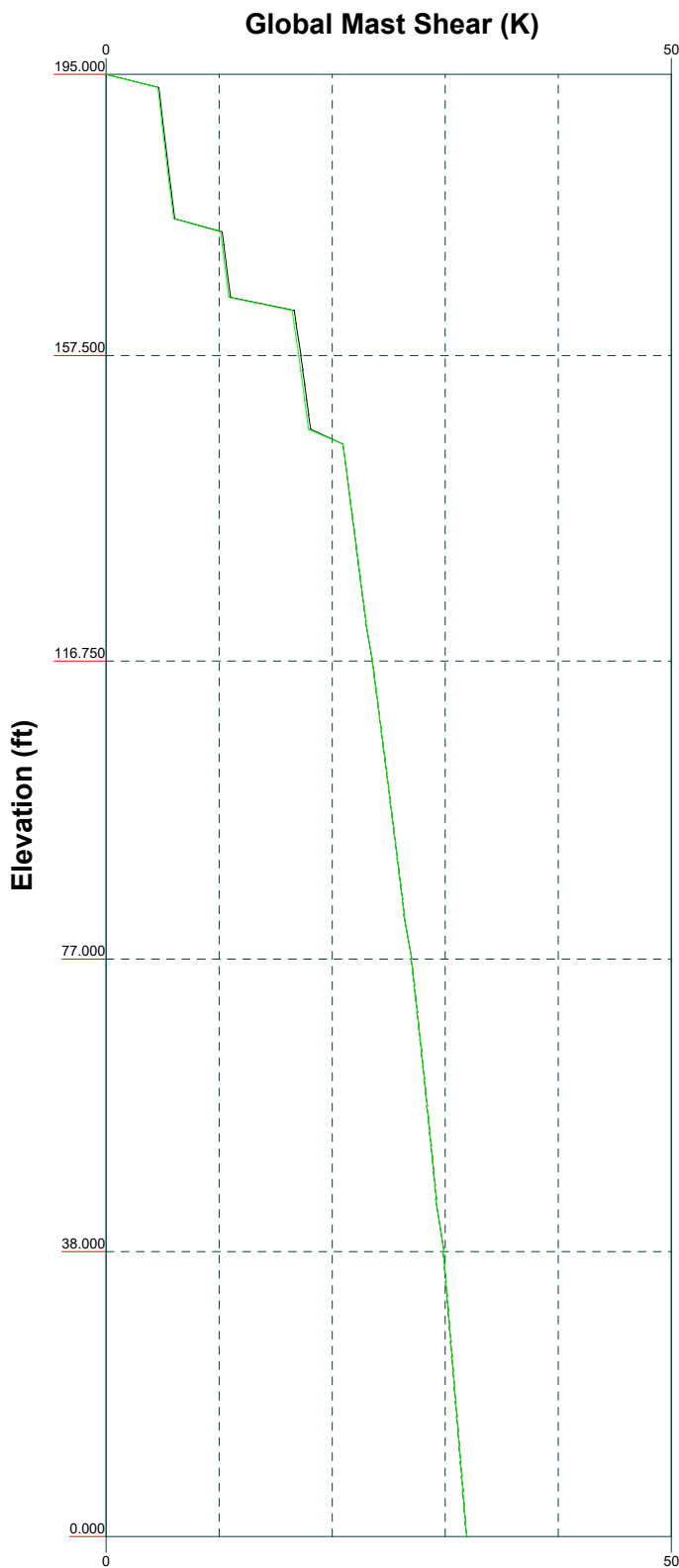


Vx

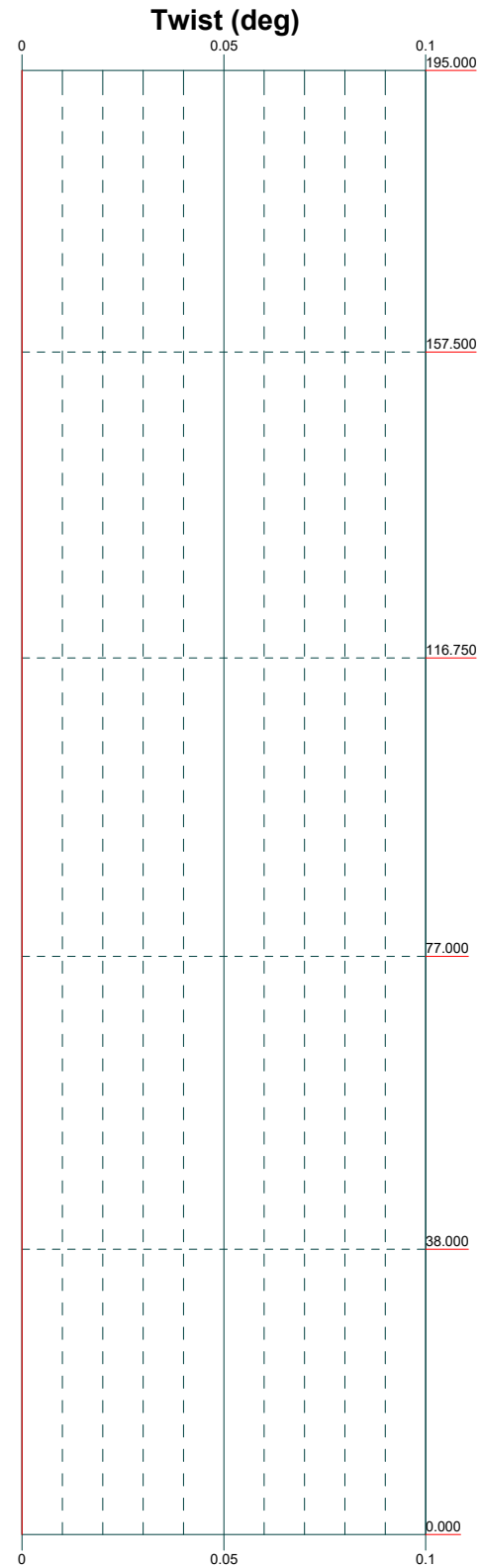
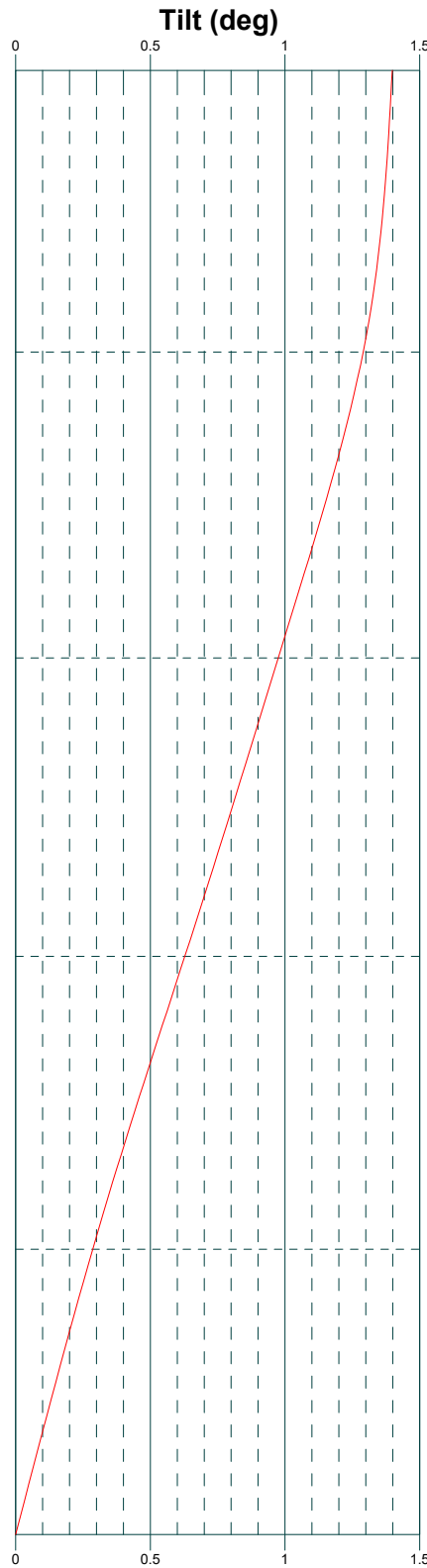
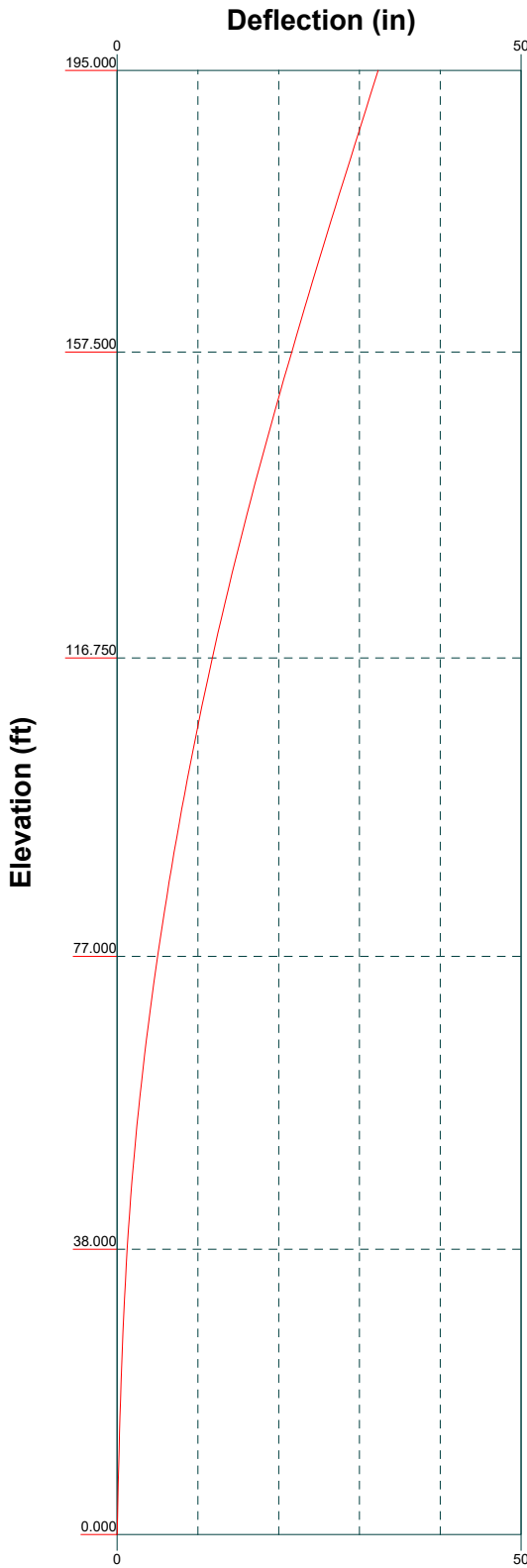
Vz

Mx

Mz



 <b>B+T GRP</b>	<b>B+T Group</b>		Job: <b>157089.001.01 - Monroe-1/Rt 25, CT (BU# 82605)</b>		
	1717 S. Boulder, Suite 300		Project:		
	Tulsa, OK 74119		Client: Crown Castle	Drawn by: S Shetty	App'd:
	Phone: (918) 587-4630		Code: TIA-222-H	Date: 10/09/21	Scale: NTS
	FAX: (918) 295-0265		Path:	Dwg No: E-4	

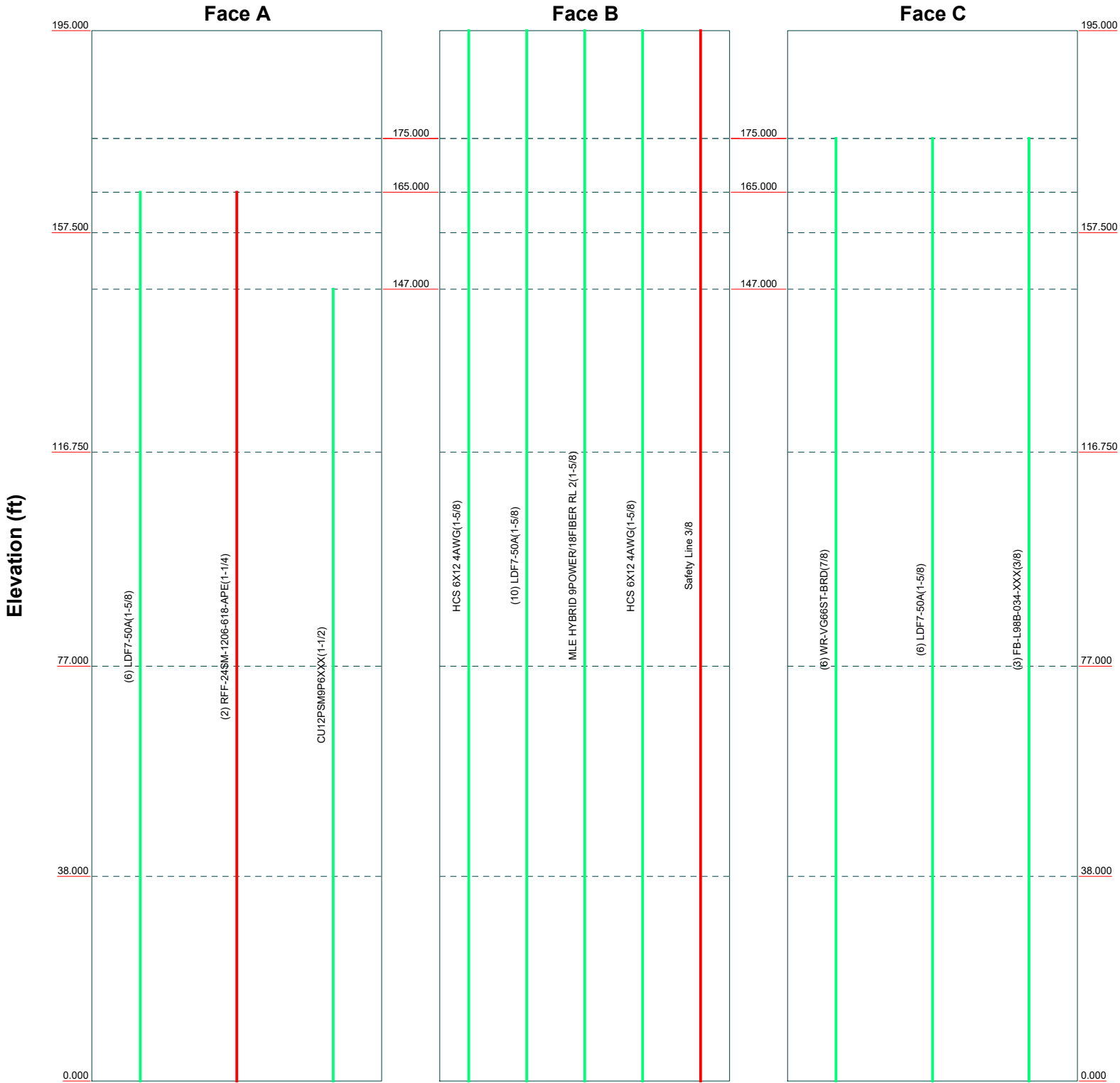



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Project:		
Client: Crown Castle	Drawn by: S Shetty	App'd:
Code: TIA-222-H	Date: 10/09/21	Scale: NTS
Path:	Dwg No: E-5	

# Feed Line Distribution Chart 0' - 195'

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




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Job: <b>157089.001.01 - Monroe-1/Rt 25, CT (BU# 82605)</b>		
Project:		
Client: Crown Castle	Drawn by: S Shetty	App'd:
Code: TIA-222-H	Date: 10/09/21	Scale: NTS
Path:	Dwg No: E-7	

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	<b>Project</b>	<b>Date</b> 11:56:04 10/09/21
	<b>Client</b> Crown Castle	<b>Designed by</b> S Shetty

## 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 Fairfield County, Connecticut.

Tower base elevation above sea level: 324.000 ft.

Basic wind speed of 117 mph.

Risk Category II.

Exposure Category B.

Simplified Topographic Factor Procedure for wind speed-up calculations is used.

Topographic Category: 1.

Crest Height: 0.000 ft.

Nominal ice thickness of 1.000 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"> <li>Consider Moments - Legs</li> <li>Consider Moments - Horizontals</li> <li>Consider Moments - Diagonals</li> <li>Use Moment Magnification</li> <li>√ Use Code Stress Ratios</li> <li>√ Use Code Safety Factors - Guys</li> <li>Escalate Ice</li> <li>Always Use Max Kz</li> <li>Use Special Wind Profile</li> <li>Include Bolts In Member Capacity</li> <li>Leg Bolts Are At Top Of Section</li> <li>Secondary Horizontal Braces Leg</li> <li>Use Diamond Inner Bracing (4 Sided)</li> <li>SR Members Have Cut Ends</li> <li>SR Members Are Concentric</li> </ul>	<ul style="list-style-type: none"> <li>Distribute Leg Loads As Uniform</li> <li>Assume Legs Pinned</li> <li>√ Assume Rigid Index Plate</li> <li>√ Use Clear Spans For Wind Area</li> <li>Use Clear Spans For KL/r</li> <li>Retension Guys To Initial Tension</li> <li>√ Bypass Mast Stability Checks</li> <li>√ Use Azimuth Dish Coefficients</li> <li>√ Project Wind Area of Appurt.</li> <li>Autocalc Torque Arm Areas</li> <li>Add IBC .6D+W Combination</li> <li>Sort Capacity Reports By Component</li> <li>Triangulate Diamond Inner Bracing</li> <li>Treat Feed Line Bundles As Cylinder</li> <li>Ignore KL/ry For 60 Deg. Angle Legs</li> </ul>	<ul style="list-style-type: none"> <li>Use ASCE 10 X-Brace Ly Rules</li> <li>Calculate Redundant Bracing Forces</li> <li>Ignore Redundant Members in FEA</li> <li>SR Leg Bolts Resist Compression</li> <li>All Leg Panels Have Same Allowable</li> <li>Offset Girt At Foundation</li> <li>√ Consider Feed Line Torque</li> <li>Include Angle Block Shear Check</li> <li>Use TIA-222-H Bracing Resist. Exemption</li> <li>Use TIA-222-H Tension Splice Exemption</li> <li style="text-align: center;">Poles</li> <li>√ Include Shear-Torsion Interaction</li> <li>Always Use Sub-Critical Flow</li> <li>Use Top Mounted Sockets</li> <li>Pole Without Linear Attachments</li> <li>Pole With Shroud Or No Appurtenances</li> <li>Outside and Inside Corner Radii Are Known</li> </ul>
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	<b>Project</b>	<b>Date</b> 11:56:04 10/09/21
	<b>Client</b> Crown Castle	<b>Designed by</b> S Shetty

### 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	195.000-157.500	37.500	4.250	18	26.000	33.351	0.250	1.000	A607-65 (65 ksi)
L2	157.500-116.750	45.000	5.250	18	32.018	40.839	0.313	1.250	A607-65 (65 ksi)
L3	116.750-77.000	45.000	6.000	18	39.185	48.006	0.375	1.500	A607-65 (65 ksi)
L4	77.000-38.000	45.000	7.000	18	46.080	54.901	0.375	1.500	A607-65 (65 ksi)
L5	38.000-0.000	45.000		18	52.779	61.600	0.438	1.750	A607-65 (65 ksi)

### Tapered Pole Properties

Section	Tip Dia. in	Area in <sup>2</sup>	I in <sup>4</sup>	r in	C in	I/C in <sup>3</sup>	J in <sup>4</sup>	I <sup>2</sup> /Q in <sup>2</sup>	w in	w/t
L1	26.363	20.433	1711.654	9.141	13.208	129.592	3425.561	10.218	4.136	16.544
L2	33.827	26.266	3635.865	11.751	16.942	214.603	7276.514	13.135	5.430	21.719
L3	41.421	40.197	8340.876	14.387	20.746	402.043	16692.728	20.102	6.638	21.241
L4	48.689	56.693	16249.677	16.909	24.387	666.324	32520.736	28.352	7.789	20.771
L5	54.919	72.682	25156.862	18.581	26.812	938.281	50346.826	36.348	8.519	19.472
	62.483	84.932	40140.069	21.713	31.293	1282.725	80332.956	42.474	10.072	23.021

Tower Elevation ft	Gusset Area (per face) ft <sup>2</sup>	Gusset Thickness in	Gusset Grade	Adjust. Factor A <sub>f</sub>	Adjust. Factor A <sub>r</sub>	Weight Mult.	Double Angle Stitch Bolt Spacing Diagonals in	Double Angle Stitch Bolt Spacing Horizontal in	Double Angle Stitch Bolt Spacing Redundants in
L1 195.000-157.500				1	1	1			
L2 157.500-116.750				1	1	1			
L3 116.750-77.000				1	1	1			
L4 77.000-38.000				1	1	1			
L5 38.000-0.000				1	1	1			

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

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	<b>Project</b>	<b>Date</b> 11:56:04 10/09/21
	<b>Client</b> Crown Castle	<b>Designed by</b> S Shetty

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
RFF-24SM-1206-618-AP E(1-1/4) *	A	No	Surface Ar (CaAa)	165.000 - 0.000	2	2	0.300 0.360	1.310		0.001
Safety Line 3/8 *	B	No	Surface Ar (CaAa)	195.000 - 0.000	1	1	-0.310 -0.300	0.375		0.000

### Feed Line/Linear Appurtenances - Entered As Area

Description	Face or Leg	Allow Shield	Exclude From Torque Calculation	Component Type	Placement ft	Total Number		C <sub>AA</sub> ft <sup>2</sup> /ft	Weight klf
HCS 6X12 4AWG(1-5/8)	B	No	No	Inside Pole	195.000 - 0.000	1	No Ice 1/2" Ice 1" Ice	0.000 0.000 0.000	0.002 0.002 0.002
LDF7-50A(1-5/8)	B	No	No	Inside Pole	195.000 - 0.000	10	No Ice 1/2" Ice 1" Ice	0.000 0.000 0.000	0.001 0.001 0.001
MLE HYBRID 9POWER/18FIBER RL 2(1-5/8)	B	No	No	Inside Pole	195.000 - 0.000	1	No Ice 1/2" Ice 1" Ice	0.000 0.000 0.000	0.001 0.001 0.001
HCS 6X12 4AWG(1-5/8) *	B	No	No	Inside Pole	195.000 - 0.000	1	No Ice 1/2" Ice 1" Ice	0.000 0.000 0.000	0.002 0.002 0.002
WR-VG66ST-BRD(7/8)	C	No	No	Inside Pole	175.000 - 0.000	6	No Ice 1/2" Ice 1" Ice	0.000 0.000 0.000	0.001 0.001 0.001
LDF7-50A(1-5/8)	C	No	No	Inside Pole	175.000 - 0.000	6	No Ice 1/2" Ice 1" Ice	0.000 0.000 0.000	0.001 0.001 0.001
FB-L98B-034-XXX(3/8) *	C	No	No	Inside Pole	175.000 - 0.000	3	No Ice 1/2" Ice 1" Ice	0.000 0.000 0.000	0.000 0.000 0.000
LDF7-50A(1-5/8) *	A	No	No	Inside Pole	165.000 - 0.000	6	No Ice 1/2" Ice 1" Ice	0.000 0.000 0.000	0.001 0.001 0.001
CU12PSM9P6XXX(1-1/2) *	A	No	No	Inside Pole	147.000 - 0.000	1	No Ice 1/2" Ice 1" Ice	0.000 0.000 0.000	0.002 0.002 0.002

### Feed Line/Linear Appurtenances Section Areas

Tower Section	Tower Elevation ft	Face	A <sub>R</sub> ft <sup>2</sup>	A <sub>F</sub> ft <sup>2</sup>	C <sub>AA</sub> In Face ft <sup>2</sup>	C <sub>AA</sub> Out Face ft <sup>2</sup>	Weight K
L1	195.000-157.500	A	0.000	0.000	1.965	0.000	0.059

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	157089.001.01 - Monroe-1/Rt 25, CT (BU# 826053)	4 of 18
	<b>Project</b>	<b>Date</b>
		11:56:04 10/09/21
<b>Client</b>	Crown Castle	<b>Designed by</b>
		S Shetty

Tower Section	Tower Elevation ft	Face	A <sub>R</sub> ft <sup>2</sup>	A <sub>F</sub> ft <sup>2</sup>	C <sub>AA</sub> In Face ft <sup>2</sup>	C <sub>AA</sub> Out Face ft <sup>2</sup>	Weight K
L2	157.500-116.750	B	0.000	0.000	1.406	0.000	0.536
		C	0.000	0.000	0.000	0.000	0.185
		A	0.000	0.000	10.677	0.000	0.392
L3	116.750-77.000	B	0.000	0.000	1.528	0.000	0.582
		C	0.000	0.000	0.000	0.000	0.430
		A	0.000	0.000	10.415	0.000	0.406
L4	77.000-38.000	B	0.000	0.000	1.491	0.000	0.568
		C	0.000	0.000	0.000	0.000	0.420
		A	0.000	0.000	10.218	0.000	0.399
L5	38.000-0.000	B	0.000	0.000	1.462	0.000	0.557
		C	0.000	0.000	0.000	0.000	0.412
		A	0.000	0.000	9.956	0.000	0.389
		B	0.000	0.000	1.425	0.000	0.543
		C	0.000	0.000	0.000	0.000	0.401

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

Tower Section	Tower Elevation ft	Face or Leg	Ice Thickness in	A <sub>R</sub> ft <sup>2</sup>	A <sub>F</sub> ft <sup>2</sup>	C <sub>AA</sub> In Face ft <sup>2</sup>	C <sub>AA</sub> Out Face ft <sup>2</sup>	Weight K
L1	195.000-157.500	A	1.005	0.000	0.000	4.340	0.000	0.089
		B		0.000	0.000	8.941	0.000	0.599
		C		0.000	0.000	0.000	0.000	0.185
L2	157.500-116.750	A	0.980	0.000	0.000	23.581	0.000	0.555
		B		0.000	0.000	9.716	0.000	0.651
		C		0.000	0.000	0.000	0.000	0.430
L3	116.750-77.000	A	0.946	0.000	0.000	22.754	0.000	0.561
		B		0.000	0.000	9.280	0.000	0.632
		C		0.000	0.000	0.000	0.000	0.420
L4	77.000-38.000	A	0.899	0.000	0.000	22.000	0.000	0.544
		B		0.000	0.000	8.844	0.000	0.617
		C		0.000	0.000	0.000	0.000	0.412
L5	38.000-0.000	A	0.803	0.000	0.000	20.981	0.000	0.521
		B		0.000	0.000	8.254	0.000	0.596
		C		0.000	0.000	0.000	0.000	0.401

### Feed Line Center of Pressure

Section	Elevation ft	CP <sub>x</sub> in	CP <sub>z</sub> in	CP <sub>x</sub> Ice in	CP <sub>z</sub> Ice in
L1	195.000-157.500	-0.045	-0.703	0.202	-1.406
L2	157.500-116.750	-0.570	-2.070	-0.404	-2.792
L3	116.750-77.000	-0.577	-2.100	-0.420	-2.884
L4	77.000-38.000	-0.582	-2.120	-0.432	-2.931
L5	38.000-0.000	-0.586	-2.137	-0.443	-2.938

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

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	<b>Project</b>	<b>Date</b> 11:56:04 10/09/21
	<b>Client</b> Crown Castle	<b>Designed by</b> S Shetty

### Shielding Factor Ka

Tower Section	Feed Line Record No.	Description	Feed Line Segment Elev.	K <sub>a</sub> No Ice	K <sub>a</sub> Ice
L1	11	RFF-24SM-1206-618-APE(1-1/4)	157.50 - 165.00	1.0000	1.0000
L1	15	Safety Line 3/8	157.50 - 195.00	1.0000	1.0000
L2	11	RFF-24SM-1206-618-APE(1-1/4)	116.75 - 157.50	1.0000	1.0000
L2	15	Safety Line 3/8	116.75 - 157.50	1.0000	1.0000
L3	11	RFF-24SM-1206-618-APE(1-1/4)	77.00 - 116.75	1.0000	1.0000
L3	15	Safety Line 3/8	77.00 - 116.75	1.0000	1.0000
L4	11	RFF-24SM-1206-618-APE(1-1/4)	38.00 - 77.00	1.0000	1.0000
L4	15	Safety Line 3/8	38.00 - 77.00	1.0000	1.0000
L5	11	RFF-24SM-1206-618-APE(1-1/4)	0.00 - 38.00	1.0000	1.0000
L5	15	Safety Line 3/8	0.00 - 38.00	1.0000	1.0000

### Discrete Tower Loads

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert	Azimuth Adjustment °	Placement ft	C <sub>A</sub> A <sub>A</sub> Front ft <sup>2</sup>	C <sub>A</sub> A <sub>A</sub> Side ft <sup>2</sup>	Weight K	
Top Hat	C	None		0.000	196.000	No Ice 3.000 1/2" Ice 3.480 1" Ice 3.960	3.000 3.480 3.960	0.081 0.111 0.141	
*									
APXVAARR24_43-U-NA20 w/ Mount Pipe	A	From Leg	4.000 0.000 0.000	0.000	195.000	No Ice 14.690 1/2" Ice 15.460 1" Ice 16.230	6.870 7.550 8.250	0.186 0.315 0.458	
APXVAARR24_43-U-NA20 w/ Mount Pipe	B	From Leg	4.000 0.000 0.000	0.000	195.000	No Ice 14.690 1/2" Ice 15.460 1" Ice 16.230	6.870 7.550 8.250	0.186 0.315 0.458	
APXVAARR24_43-U-NA20 w/ Mount Pipe	C	From Leg	4.000 0.000 0.000	0.000	195.000	No Ice 14.690 1/2" Ice 15.460 1" Ice 16.230	6.870 7.550 8.250	0.186 0.315 0.458	
AIR 32 B2A/B66AA	A	From Leg	4.000 0.000 0.000	0.000	195.000	No Ice 3.860 1/2" Ice 4.230 1" Ice 4.610	2.510 2.860 3.220	0.172 0.220 0.273	
AIR 32 B2A/B66AA	B	From Leg	4.000 0.000 0.000	0.000	195.000	No Ice 3.860 1/2" Ice 4.230 1" Ice 4.610	2.510 2.860 3.220	0.172 0.220 0.273	
AIR 32 B2A/B66AA	C	From Leg	4.000 0.000 0.000	0.000	195.000	No Ice 3.860 1/2" Ice 4.230 1" Ice 4.610	2.510 2.860 3.220	0.172 0.220 0.273	
KRY 112 144/1	A	From Leg	4.000 0.000	0.000	195.000	No Ice 0.350 1/2" Ice 0.426	0.175 0.234	0.011 0.014	



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	157089.001.01 - Monroe-1/Rt 25, CT (BU# 826053)	6 of 18
	<b>Project</b>	<b>Date</b>
		11:56:04 10/09/21
<b>Client</b>	<b>Designed by</b>	
	Crown Castle	S Shetty

Description	Face or Leg	Offset Type	Offsets:		Azimuth Adjustment	Placement	C <sub>AA</sub> Front	C <sub>AA</sub> Side	Weight	
			Horz	Vert						
			ft	ft	°	ft	ft <sup>2</sup>	ft <sup>2</sup>	K	
(2) KRY 112 144/1	C	From Leg	0.000		0.000	195.000	1" Ice	0.509	0.301	0.019
			4.000				No Ice	0.350	0.175	0.011
			0.000				1/2" Ice	0.426	0.234	0.014
			0.000				1" Ice	0.509	0.301	0.019
RADIO 4449 B12/B71	B	From Leg	4.000		0.000	195.000	No Ice	1.650	1.163	0.074
			0.000				1/2" Ice	1.810	1.301	0.090
			0.000				1" Ice	1.978	1.447	0.109
			0.000				No Ice	1.650	1.163	0.074
(2) RADIO 4449 B12/B71	C	From Leg	4.000		0.000	195.000	1/2" Ice	1.810	1.301	0.090
			0.000				1" Ice	1.978	1.447	0.109
			0.000				No Ice	1.650	1.163	0.074
			0.000				1/2" Ice	1.810	1.301	0.090
AIR6449 B41_T-MOBILE	A	From Leg	4.000		0.000	195.000	1" Ice	1.978	1.447	0.109
			0.000				No Ice	5.270	2.030	0.115
			0.000				1/2" Ice	5.700	2.360	0.154
			0.000				1" Ice	6.140	2.700	0.197
AIR6449 B41_T-MOBILE	B	From Leg	4.000		0.000	195.000	No Ice	5.270	2.030	0.115
			0.000				1/2" Ice	5.700	2.360	0.154
			0.000				1" Ice	6.140	2.700	0.197
			0.000				No Ice	5.270	2.030	0.115
AIR6449 B41_T-MOBILE	C	From Leg	4.000		0.000	195.000	1/2" Ice	5.700	2.360	0.154
			0.000				1" Ice	6.140	2.700	0.197
			0.000				No Ice	5.270	2.030	0.115
			0.000				1/2" Ice	5.700	2.360	0.154
SDX1926Q-43	A	From Leg	4.000		0.000	195.000	1" Ice	6.140	2.700	0.197
			0.000				No Ice	0.241	0.101	0.006
			0.000				1/2" Ice	0.306	0.144	0.009
			0.000				1" Ice	0.379	0.195	0.012
(2) SDX1926Q-43	C	From Leg	4.000		0.000	195.000	No Ice	0.241	0.101	0.006
			0.000				1/2" Ice	0.306	0.144	0.009
			0.000				1" Ice	0.379	0.195	0.012
			0.000				No Ice	1.843	0.820	0.046
(2) RRUS 4415 B25_CCIV2	B	From Leg	4.000		0.000	195.000	1/2" Ice	2.012	0.943	0.060
			0.000				1" Ice	2.190	1.075	0.077
			0.000				No Ice	1.843	0.820	0.046
			0.000				1/2" Ice	2.012	0.943	0.060
RRUS 4415 B25_CCIV2	C	From Leg	4.000		0.000	195.000	1" Ice	2.190	1.075	0.077
			0.000				No Ice	1.843	0.820	0.046
			0.000				1/2" Ice	2.012	0.943	0.060
			0.000				1" Ice	2.190	1.075	0.077
(3) 8' x 2" Mount Pipe	A	From Leg	4.000		0.000	195.000	No Ice	1.900	1.900	0.029
			0.000				1/2" Ice	2.728	2.728	0.044
			0.000				1" Ice	3.401	3.401	0.063
			0.000				No Ice	1.900	1.900	0.029
(3) 8' x 2" Mount Pipe	B	From Leg	4.000		0.000	195.000	1/2" Ice	2.728	2.728	0.044
			0.000				1" Ice	3.401	3.401	0.063
			0.000				No Ice	1.900	1.900	0.029
			0.000				1/2" Ice	2.728	2.728	0.044
(3) 8' x 2" Mount Pipe	C	From Leg	4.000		0.000	195.000	1" Ice	3.401	3.401	0.063
			0.000				No Ice	1.900	1.900	0.029
			0.000				1/2" Ice	2.728	2.728	0.044
			0.000				1" Ice	3.401	3.401	0.063
RMQP-4096-HK	C	None			0.000	195.000	No Ice	23.140	23.140	1.945
							1/2" Ice	28.170	28.170	2.335
							1" Ice	33.230	33.230	2.845
*										
OPA-65R-LCUU-H6 w/ Mount Pipe	A	From Leg	4.000		0.000	175.000	No Ice	9.190	6.210	0.106
			0.000				1/2" Ice	9.940	6.930	0.175
			0.000				1" Ice	10.710	7.660	0.256
OPA-65R-LCUU-H6 w/ Mount Pipe	B	From Leg	4.000		0.000	175.000	No Ice	9.190	6.210	0.106
			0.000				1/2" Ice	9.940	6.930	0.175
			0.000				1" Ice	10.710	7.660	0.256
OPA-65R-LCUU-H6 w/ Mount Pipe	C	From Leg	4.000		0.000	175.000	No Ice	9.190	6.210	0.106
			0.000				1/2" Ice	9.940	6.930	0.175
			0.000				1" Ice	10.710	7.660	0.256
QS66512-2 w/ Mount Pipe	A	From Leg	4.000		0.000	175.000	No Ice	4.040	4.180	0.137
			0.000				1/2" Ice	4.420	4.570	0.206
			0.000				1" Ice	4.820	4.970	0.287
QS66512-2 w/ Mount Pipe	B	From Leg	4.000		0.000	175.000	No Ice	4.040	4.180	0.137

# tnxTower

**B+T Group**  
 1717 S. Boulder, Suite 300  
 Tulsa, OK 74119  
 Phone: (918) 587-4630  
 FAX: (918) 295-0265

<b>Job</b>	157089.001.01 - Monroe-1/Rt 25, CT (BU# 826053)	<b>Page</b>	7 of 18
<b>Project</b>		<b>Date</b>	11:56:04 10/09/21
<b>Client</b>	Crown Castle	<b>Designed by</b>	S Shetty

Description	Face or Leg	Offset Type	Offsets:		Azimuth Adjustment	Placement	C <sub>AA</sub> Front	C <sub>AA</sub> Side	Weight
			Horz	Lateral					
			0.000						
			0.000			1/2" Ice	4.420	4.570	0.206
			0.000			1" Ice	4.820	4.970	0.287
QS66512-2 w/ Mount Pipe	C	From Leg	4.000	0.000	175.000	No Ice	4.040	4.180	0.137
			0.000			1/2" Ice	4.420	4.570	0.206
			0.000			1" Ice	4.820	4.970	0.287
7770.00 w/ Mount Pipe	A	From Leg	4.000	0.000	175.000	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	175.000	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	175.000	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
DC6-48-60-18-8C	A	From Leg	4.000	0.000	175.000	No Ice	2.737	2.737	0.026
			0.000			1/2" Ice	2.963	2.963	0.052
			0.000			1" Ice	3.196	3.196	0.082
DC6-48-60-18-8C	C	From Leg	4.000	0.000	175.000	No Ice	2.737	2.737	0.026
			0.000			1/2" Ice	2.963	2.963	0.052
			0.000			1" Ice	3.196	3.196	0.082
RRUS 4478 B5	A	From Leg	4.000	0.000	175.000	No Ice	1.843	1.059	0.060
			0.000			1/2" Ice	2.012	1.197	0.076
			0.000			1" Ice	2.190	1.342	0.094
RRUS 4478 B5	B	From Leg	4.000	0.000	175.000	No Ice	1.843	1.059	0.060
			0.000			1/2" Ice	2.012	1.197	0.076
			0.000			1" Ice	2.190	1.342	0.094
RRUS 4478 B5	C	From Leg	4.000	0.000	175.000	No Ice	1.843	1.059	0.060
			0.000			1/2" Ice	2.012	1.197	0.076
			0.000			1" Ice	2.190	1.342	0.094
(2) LGP21401	A	From Leg	4.000	0.000	175.000	No Ice	1.104	0.207	0.014
			0.000			1/2" Ice	1.239	0.274	0.021
			0.000			1" Ice	1.381	0.348	0.030
(2) LGP21401	B	From Leg	4.000	0.000	175.000	No Ice	1.104	0.207	0.014
			0.000			1/2" Ice	1.239	0.274	0.021
			0.000			1" Ice	1.381	0.348	0.030
(2) LGP21401	C	From Leg	4.000	0.000	175.000	No Ice	1.104	0.207	0.014
			0.000			1/2" Ice	1.239	0.274	0.021
			0.000			1" Ice	1.381	0.348	0.030
(2) 7020.00	A	From Leg	4.000	0.000	175.000	No Ice	0.102	0.175	0.002
			0.000			1/2" Ice	0.147	0.239	0.005
			0.000			1" Ice	0.199	0.311	0.009
(2) 7020.00	B	From Leg	4.000	0.000	175.000	No Ice	0.102	0.175	0.002
			0.000			1/2" Ice	0.147	0.239	0.005
			0.000			1" Ice	0.199	0.311	0.009
(2) 7020.00	C	From Leg	4.000	0.000	175.000	No Ice	0.102	0.175	0.002
			0.000			1/2" Ice	0.147	0.239	0.005
			0.000			1" Ice	0.199	0.311	0.009
(2) RRUS 4426 B66	A	From Leg	4.000	0.000	175.000	No Ice	1.644	0.725	0.048
			0.000			1/2" Ice	1.804	0.842	0.061
			0.000			1" Ice	1.972	0.969	0.076
RRUS 4426 B66	B	From Leg	4.000	0.000	175.000	No Ice	1.644	0.725	0.048
			0.000			1/2" Ice	1.804	0.842	0.061
			0.000			1" Ice	1.972	0.969	0.076
DC6-48-60-18-8F	A	From Leg	4.000	0.000	175.000	No Ice	1.212	1.212	0.033
			0.000			1/2" Ice	1.892	1.892	0.055
			0.000			1" Ice	2.105	2.105	0.080
RRUS-11	A	From Leg	4.000	0.000	175.000	No Ice	2.784	1.187	0.048

<b>tnxTower</b>  <b>B+T Group</b> 1717 S. Boulder, Suite 300 Tulsa, OK 74119 Phone: (918) 587-4630 FAX: (918) 295-0265	<b>Job</b>		157089.001.01 - Monroe-1/Rt 25, CT (BU# 826053)		<b>Page</b>		8 of 18	
	<b>Project</b>				<b>Date</b>		11:56:04 10/09/21	
	<b>Client</b>		Crown Castle		<b>Designed by</b>		S Shetty	

Description	Face or Leg	Offset Type	Offsets:		Azimuth Adjustment	Placement	C <sub>AA</sub> Front	C <sub>AA</sub> Side	Weight
			Horz	Lateral					
			0.000						
			0.000			1/2" Ice	2.992	1.334	0.068
			0.000			1" Ice	3.207	1.490	0.092
RRUS-11	B	From Leg	4.000	0.000	175.000	No Ice	2.784	1.187	0.048
			0.000			1/2" Ice	2.992	1.334	0.068
			0.000			1" Ice	3.207	1.490	0.092
RRUS-11	C	From Leg	4.000	0.000	175.000	No Ice	2.784	1.187	0.048
			0.000			1/2" Ice	2.992	1.334	0.068
			0.000			1" Ice	3.207	1.490	0.092
RRUS 32 B2	B	From Leg	4.000	0.000	175.000	No Ice	2.731	1.668	0.053
			0.000			1/2" Ice	2.953	1.855	0.074
			0.000			1" Ice	3.182	2.049	0.098
(2) RRUS 32 B2	C	From Leg	4.000	0.000	175.000	No Ice	2.731	1.668	0.053
			0.000			1/2" Ice	2.953	1.855	0.074
			0.000			1" Ice	3.182	2.049	0.098
(3) RRUS 32 B30	C	From Leg	4.000	0.000	175.000	No Ice	2.692	1.573	0.060
			0.000			1/2" Ice	2.912	1.756	0.080
			0.000			1" Ice	3.138	1.945	0.104
6' x 2" Mount Pipe	A	From Leg	4.000	0.000	175.000	No Ice	1.425	1.425	0.022
			0.000			1/2" Ice	1.925	1.925	0.033
			0.000			1" Ice	2.294	2.294	0.048
6' x 2" Mount Pipe	B	From Leg	4.000	0.000	175.000	No Ice	1.425	1.425	0.022
			0.000			1/2" Ice	1.925	1.925	0.033
			0.000			1" Ice	2.294	2.294	0.048
6' x 2" Mount Pipe	C	From Leg	4.000	0.000	175.000	No Ice	1.425	1.425	0.022
			0.000			1/2" Ice	1.925	1.925	0.033
			0.000			1" Ice	2.294	2.294	0.048
Platform Mount [LP 303-1_HR-1]	C	None		0.000	175.000	No Ice	17.090	17.090	1.495
						1/2" Ice	21.470	21.470	1.881
						1" Ice	25.720	25.720	2.346
*									
(2) LPA-80080/6CF w/ Mount Pipe	A	From Leg	4.000	0.000	165.000	No Ice	4.564	10.259	0.046
			0.000			1/2" Ice	5.105	11.427	0.113
			0.000			1" Ice	5.612	12.312	0.187
(2) LPA-80080/6CF w/ Mount Pipe	B	From Leg	4.000	0.000	165.000	No Ice	4.564	10.259	0.046
			0.000			1/2" Ice	5.105	11.427	0.113
			0.000			1" Ice	5.612	12.312	0.187
(2) LPA-80080/6CF w/ Mount Pipe	C	From Leg	4.000	0.000	165.000	No Ice	4.564	10.259	0.046
			0.000			1/2" Ice	5.105	11.427	0.113
			0.000			1" Ice	5.612	12.312	0.187
(2) SBNHH-1D65B w/ Mount Pipe	A	From Leg	4.000	0.000	165.000	No Ice	4.090	3.300	0.066
			0.000			1/2" Ice	4.490	3.680	0.130
			0.000			1" Ice	4.890	4.070	0.204
(2) SBNHH-1D65B w/ Mount Pipe	B	From Leg	4.000	0.000	165.000	No Ice	4.090	3.300	0.066
			0.000			1/2" Ice	4.490	3.680	0.130
			0.000			1" Ice	4.890	4.070	0.204
(2) SBNHH-1D65B w/ Mount Pipe	C	From Leg	4.000	0.000	165.000	No Ice	4.090	3.300	0.066
			0.000			1/2" Ice	4.490	3.680	0.130
			0.000			1" Ice	4.890	4.070	0.204
RRFDC-3315-PF-48	B	From Leg	4.000	0.000	165.000	No Ice	3.364	2.192	0.021
			0.000			1/2" Ice	3.597	2.395	0.050
			0.000			1" Ice	3.838	2.606	0.082
RRFDC-3315-PF-48	C	From Leg	4.000	0.000	165.000	No Ice	3.364	2.192	0.021
			0.000			1/2" Ice	3.597	2.395	0.050
			0.000			1" Ice	3.838	2.606	0.082
MT6407-77A	A	From Leg	4.000	0.000	165.000	No Ice	4.692	1.840	0.082
			0.000			1/2" Ice	4.980	2.063	0.111
			0.000			1" Ice	5.275	2.292	0.144

<b>tnxTower</b>  <b>B+T Group</b> 1717 S. Boulder, Suite 300 Tulsa, OK 74119 Phone: (918) 587-4630 FAX: (918) 295-0265	<b>Job</b>	157089.001.01 - Monroe-1/Rt 25, CT (BU# 826053)	<b>Page</b>	9 of 18
	<b>Project</b>		<b>Date</b>	11:56:04 10/09/21
	<b>Client</b>	Crown Castle		<b>Designed by</b>

Description	Face or Leg	Offset Type	Offsets:		Azimuth Adjustment	Placement	C <sub>AA</sub> Front	C <sub>AA</sub> Side	Weight	
			Horz	Vert						ft
			ft	ft	°	ft	ft <sup>2</sup>	ft <sup>2</sup>	K	
MT6407-77A	B	From Leg	4.000	0.000	0.000	165.000	No Ice	4.692	1.840	0.082
			0.000	0.000			1/2" Ice	4.980	2.063	0.111
			0.000	0.000			1" Ice	5.275	2.292	0.144
MT6407-77A	C	From Leg	4.000	0.000	0.000	165.000	No Ice	4.692	1.840	0.082
			0.000	0.000			1/2" Ice	4.980	2.063	0.111
			0.000	0.000			1" Ice	5.275	2.292	0.144
RFV01U-D2A	A	From Leg	4.000	0.000	0.000	165.000	No Ice	1.875	1.013	0.070
			0.000	0.000			1/2" Ice	2.045	1.145	0.087
			0.000	0.000			1" Ice	2.223	1.284	0.106
RFV01U-D2A	B	From Leg	4.000	0.000	0.000	165.000	No Ice	1.875	1.013	0.070
			0.000	0.000			1/2" Ice	2.045	1.145	0.087
			0.000	0.000			1" Ice	2.223	1.284	0.106
RFV01U-D2A	C	From Leg	4.000	0.000	0.000	165.000	No Ice	1.875	1.013	0.070
			0.000	0.000			1/2" Ice	2.045	1.145	0.087
			0.000	0.000			1" Ice	2.223	1.284	0.106
RFV01U-D1A	A	From Leg	4.000	0.000	0.000	165.000	No Ice	1.875	1.250	0.084
			0.000	0.000			1/2" Ice	2.045	1.393	0.103
			0.000	0.000			1" Ice	2.223	1.543	0.124
RFV01U-D1A	B	From Leg	4.000	0.000	0.000	165.000	No Ice	1.875	1.250	0.084
			0.000	0.000			1/2" Ice	2.045	1.393	0.103
			0.000	0.000			1" Ice	2.223	1.543	0.124
RFV01U-D1A	C	From Leg	4.000	0.000	0.000	165.000	No Ice	1.875	1.250	0.084
			0.000	0.000			1/2" Ice	2.045	1.393	0.103
			0.000	0.000			1" Ice	2.223	1.543	0.124
6' x 2" Mount Pipe	A	From Leg	4.000	0.000	0.000	165.000	No Ice	1.425	1.425	0.022
			0.000	0.000			1/2" Ice	1.925	1.925	0.033
			0.000	0.000			1" Ice	2.294	2.294	0.048
6' x 2" Mount Pipe	B	From Leg	4.000	0.000	0.000	165.000	No Ice	1.425	1.425	0.022
			0.000	0.000			1/2" Ice	1.925	1.925	0.033
			0.000	0.000			1" Ice	2.294	2.294	0.048
6' x 2" Mount Pipe	C	From Leg	4.000	0.000	0.000	165.000	No Ice	1.425	1.425	0.022
			0.000	0.000			1/2" Ice	1.925	1.925	0.033
			0.000	0.000			1" Ice	2.294	2.294	0.048
Mount Reinforcement Specifications	C	None			0.000	165.000	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
Platform Mount [LP 404-1]	C	None			0.000	165.000	No Ice	24.600	24.600	2.043
							1/2" Ice	31.630	31.630	2.600
							1" Ice	38.370	38.370	3.288
*										
MX08FRO665-21 w/ Mount Pipe	A	From Leg	4.000	0.000	0.000	147.000	No Ice	8.010	4.230	0.108
			0.000	0.000			1/2" Ice	8.520	4.690	0.194
			0.000	0.000			1" Ice	9.040	5.160	0.292
MX08FRO665-21 w/ Mount Pipe	B	From Leg	4.000	0.000	0.000	147.000	No Ice	8.010	4.230	0.108
			0.000	0.000			1/2" Ice	8.520	4.690	0.194
			0.000	0.000			1" Ice	9.040	5.160	0.292
MX08FRO665-21 w/ Mount Pipe	C	From Leg	4.000	0.000	0.000	147.000	No Ice	8.010	4.230	0.108
			0.000	0.000			1/2" Ice	8.520	4.690	0.194
			0.000	0.000			1" Ice	9.040	5.160	0.292
(3) TA08025-B605	A	From Leg	4.000	0.000	0.000	147.000	No Ice	1.964	1.129	0.075
			0.000	0.000			1/2" Ice	2.138	1.267	0.093
			0.000	0.000			1" Ice	2.320	1.411	0.114
(3) TA08025-B604	A	From Leg	4.000	0.000	0.000	147.000	No Ice	1.964	0.981	0.064
			0.000	0.000			1/2" Ice	2.138	1.112	0.081
			0.000	0.000			1" Ice	2.320	1.250	0.100
RDIDC-9181-PF-48	A	From Leg	4.000	0.000	0.000	147.000	No Ice	2.012	1.168	0.022
			0.000	0.000			1/2" Ice	2.189	1.311	0.040

<b>tnxTower</b>  <b>B+T Group</b> 1717 S. Boulder, Suite 300 Tulsa, OK 74119 Phone: (918) 587-4630 FAX: (918) 295-0265	<b>Job</b> 157089.001.01 - Monroe-1/Rt 25, CT (BU# 826053)	<b>Page</b> 10 of 18
	<b>Project</b>	<b>Date</b> 11:56:04 10/09/21
	<b>Client</b> Crown Castle	<b>Designed by</b> S Shetty

Description	Face or Leg	Offset Type	Offsets:		Azimuth Adjustment	Placement	C <sub>AA</sub> Front	C <sub>AA</sub> Side	Weight
			Horz Lateral	Vert					
			ft	ft	°	ft	ft <sup>2</sup>	ft <sup>2</sup>	K
(2) 8' x 2" Mount Pipe	A	From Leg	0.000		0.000	147.000	1" Ice	1.461	0.060
			4.000				No Ice	1.900	0.029
			0.000				1/2" Ice	2.728	0.044
			0.000				1" Ice	3.401	0.063
(2) 8' x 2" Mount Pipe	B	From Leg	4.000		0.000	147.000	No Ice	1.900	0.029
			0.000				1/2" Ice	2.728	0.044
			0.000				1" Ice	3.401	0.063
			4.000				No Ice	1.900	0.029
(2) 8' x 2" Mount Pipe	C	From Leg	0.000		0.000	147.000	1/2" Ice	2.728	0.044
			0.000				1" Ice	3.401	0.063
			4.000				No Ice	1.900	0.029
			0.000				1/2" Ice	2.728	0.044
Commscope MC-PK8-DSH	C	None	0.000		0.000	147.000	1" Ice	3.401	0.063
							No Ice	34.240	1.749
							1/2" Ice	62.950	2.099
						1" Ice	91.660	2.450	

\*

## Dishes

Description	Face or Leg	Dish Type	Offset Type	Offsets:		Azimuth Adjustment	3 dB Beam Width	Elevation	Outside Diameter	Aperture Area	Weight
				Horz Lateral	Vert						
				ft	ft	°	°	ft	ft	ft <sup>2</sup>	K
*											

## Load Combinations

Comb. No.	Description
1	Dead Only
2	1.2 Dead+1.0 Wind 0 deg - No Ice
3	0.9 Dead+1.0 Wind 0 deg - No Ice
4	1.2 Dead+1.0 Wind 30 deg - No Ice
5	0.9 Dead+1.0 Wind 30 deg - No Ice
6	1.2 Dead+1.0 Wind 60 deg - No Ice
7	0.9 Dead+1.0 Wind 60 deg - No Ice
8	1.2 Dead+1.0 Wind 90 deg - No Ice
9	0.9 Dead+1.0 Wind 90 deg - No Ice
10	1.2 Dead+1.0 Wind 120 deg - No Ice
11	0.9 Dead+1.0 Wind 120 deg - No Ice
12	1.2 Dead+1.0 Wind 150 deg - No Ice
13	0.9 Dead+1.0 Wind 150 deg - No Ice
14	1.2 Dead+1.0 Wind 180 deg - No Ice
15	0.9 Dead+1.0 Wind 180 deg - No Ice
16	1.2 Dead+1.0 Wind 210 deg - No Ice
17	0.9 Dead+1.0 Wind 210 deg - No Ice
18	1.2 Dead+1.0 Wind 240 deg - No Ice
19	0.9 Dead+1.0 Wind 240 deg - No Ice
20	1.2 Dead+1.0 Wind 270 deg - No Ice

<b>tnxTower</b>  <b>B+T Group</b> 1717 S. Boulder, Suite 300 Tulsa, OK 74119 Phone: (918) 587-4630 FAX: (918) 295-0265	<b>Job</b> 157089.001.01 - Monroe-1/Rt 25, CT (BU# 826053)	<b>Page</b> 11 of 18
	<b>Project</b>	<b>Date</b> 11:56:04 10/09/21
	<b>Client</b> Crown Castle	<b>Designed by</b> S Shetty

Comb. No.	Description
21	0.9 Dead+1.0 Wind 270 deg - No Ice
22	1.2 Dead+1.0 Wind 300 deg - No Ice
23	0.9 Dead+1.0 Wind 300 deg - No Ice
24	1.2 Dead+1.0 Wind 330 deg - No Ice
25	0.9 Dead+1.0 Wind 330 deg - No Ice
26	1.2 Dead+1.0 Ice+1.0 Temp
27	1.2 Dead+1.0 Wind 0 deg+1.0 Ice+1.0 Temp
28	1.2 Dead+1.0 Wind 30 deg+1.0 Ice+1.0 Temp
29	1.2 Dead+1.0 Wind 60 deg+1.0 Ice+1.0 Temp
30	1.2 Dead+1.0 Wind 90 deg+1.0 Ice+1.0 Temp
31	1.2 Dead+1.0 Wind 120 deg+1.0 Ice+1.0 Temp
32	1.2 Dead+1.0 Wind 150 deg+1.0 Ice+1.0 Temp
33	1.2 Dead+1.0 Wind 180 deg+1.0 Ice+1.0 Temp
34	1.2 Dead+1.0 Wind 210 deg+1.0 Ice+1.0 Temp
35	1.2 Dead+1.0 Wind 240 deg+1.0 Ice+1.0 Temp
36	1.2 Dead+1.0 Wind 270 deg+1.0 Ice+1.0 Temp
37	1.2 Dead+1.0 Wind 300 deg+1.0 Ice+1.0 Temp
38	1.2 Dead+1.0 Wind 330 deg+1.0 Ice+1.0 Temp
39	Dead+Wind 0 deg - Service
40	Dead+Wind 30 deg - Service
41	Dead+Wind 60 deg - Service
42	Dead+Wind 90 deg - Service
43	Dead+Wind 120 deg - Service
44	Dead+Wind 150 deg - Service
45	Dead+Wind 180 deg - Service
46	Dead+Wind 210 deg - Service
47	Dead+Wind 240 deg - Service
48	Dead+Wind 270 deg - Service
49	Dead+Wind 300 deg - Service
50	Dead+Wind 330 deg - Service

### Maximum Member Forces

Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial K	Major Axis Moment kip-ft	Minor Axis Moment kip-ft
L1	195 - 157.5	Pole	Max Tension	1	0.000	0.000	0.000
			Max. Compression	26	-29.091	2.668	-2.376
			Max. Mx	20	-16.098	268.134	-2.180
			Max. My	14	-16.125	2.198	-264.316
			Max. Vy	20	-16.810	268.134	-2.180
			Max. Vx	2	-16.622	0.678	261.269
			Max. Torque	12			-1.766
			L2	157.5 - 116.75	Pole	Max Tension	1
Max. Compression	26	-43.960				3.181	2.352
Max. Mx	20	-26.971				1074.173	-1.409
Max. My	2	-26.975				-1.197	1067.435
Max. Vy	20	-22.996				1074.173	-1.409
Max. Vx	2	-23.000				-1.197	1067.435
Max. Torque	12						-1.766
L3	116.75 - 77	Pole				Max Tension	1
			Max. Compression	26	-57.038	3.664	2.790
			Max. Mx	20	-37.896	2039.297	-3.349
			Max. My	2	-37.898	-3.031	2032.687
			Max. Vy	20	-26.396	2039.297	-3.349
			Max. Vx	2	-26.402	-3.031	2032.687
			Max. Torque	3			1.339
			L4	77 - 38	Pole	Max Tension	1
Max. Compression	26	-71.846				4.051	3.158

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	<b>Project</b>	<b>Date</b> 11:56:04 10/09/21
	<b>Client</b> Crown Castle	<b>Designed by</b> S Shetty

Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial K	Major Axis Moment kip-ft	Minor Axis Moment kip-ft
L5	38 - 0	Pole	Max. Mx	20	-50.538	3099.959	-5.195
			Max. My	2	-50.539	-4.783	3093.532
			Max. Vy	20	-29.244	3099.959	-5.195
			Max. Vx	2	-29.251	-4.783	3093.532
			Max. Torque	3			1.335
			Max Tension	1	0.000	0.000	0.000
			Max. Compression	26	-93.294	4.561	3.632
			Max. Mx	20	-69.438	4479.659	-7.288
			Max. My	2	-69.438	-6.772	4473.526
			Max. Vy	20	-31.919	4479.659	-7.288
			Max. Vx	2	-31.929	-6.772	4473.526
			Max. Torque	15			-1.333

### Maximum Reactions

Location	Condition	Gov. Load Comb.	Vertical K	Horizontal, X K	Horizontal, Z K
Pole	Max. Vert	27	93.294	-0.010	9.256
	Max. H <sub>x</sub>	20	69.456	31.880	-0.050
	Max. H <sub>z</sub>	2	69.456	-0.050	31.890
	Max. M <sub>x</sub>	2	4473.526	-0.050	31.890
	Max. M <sub>z</sub>	8	4474.367	-31.880	0.050
	Max. Torsion	3	1.332	-0.050	31.890
	Min. Vert	25	52.092	15.897	27.593
	Min. H <sub>x</sub>	9	52.092	-31.880	0.050
	Min. H <sub>z</sub>	14	69.456	0.050	-31.890
	Min. M <sub>x</sub>	14	-4469.304	0.050	-31.890
	Min. M <sub>z</sub>	20	-4479.659	31.880	-0.050
	Min. Torsion	15	-1.333	0.050	-31.890

### Tower Mast Reaction Summary

Load Combination	Vertical K	Shear <sub>x</sub> K	Shear <sub>z</sub> K	Overturning Moment, M <sub>x</sub> kip-ft	Overturning Moment, M <sub>z</sub> kip-ft	Torque kip-ft
Dead Only	57.880	0.000	0.000	-1.645	2.058	-0.000
1.2 Dead+1.0 Wind 0 deg - No Ice	69.456	0.050	-31.890	-4473.526	-6.772	-1.327
0.9 Dead+1.0 Wind 0 deg - No Ice	52.092	0.050	-31.890	-4397.687	-7.307	-1.332
1.2 Dead+1.0 Wind 30 deg - No Ice	69.456	15.983	-27.643	-3879.148	-2244.019	-1.118
0.9 Dead+1.0 Wind 30 deg - No Ice	52.092	15.983	-27.643	-3813.302	-2206.839	-1.147
1.2 Dead+1.0 Wind 60 deg - No Ice	69.456	27.634	-15.988	-2245.947	-3879.256	-0.612
0.9 Dead+1.0 Wind 60 deg - No Ice	52.092	27.634	-15.988	-2207.590	-3814.516	-0.655
1.2 Dead+1.0 Wind 90 deg - No Ice	69.456	31.880	-0.050	-11.534	-4474.367	0.058
0.9 Dead+1.0 Wind 90 deg - No Ice	52.092	31.880	-0.050	-10.790	-4399.569	0.011

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	<p><b>Project</b></p>	<p><b>Date</b></p> <p style="text-align: center;">11:56:04 10/09/21</p>
	<p><b>Client</b></p> <p style="text-align: center;">Crown Castle</p>	<p><b>Designed by</b></p> <p style="text-align: center;">S Shetty</p>

Load Combination	Vertical K	Shear <sub>x</sub> K	Shear <sub>z</sub> K	Overturning Moment, M <sub>x</sub> kip-ft	Overturning Moment, M <sub>z</sub> kip-ft	Torque kip-ft
1.2 Dead+1.0 Wind 120 deg - No Ice	69.456	27.584	15.902	2225.436	-3869.907	0.712
0.9 Dead+1.0 Wind 120 deg - No Ice	52.092	27.584	15.902	2188.516	-3805.335	0.675
1.2 Dead+1.0 Wind 150 deg - No Ice	69.456	15.897	27.593	3865.561	-2227.758	1.176
0.9 Dead+1.0 Wind 150 deg - No Ice	52.092	15.897	27.593	3801.016	-2190.879	1.158
1.2 Dead+1.0 Wind 180 deg - No Ice	69.456	-0.050	31.890	4469.304	12.050	1.326
0.9 Dead+1.0 Wind 180 deg - No Ice	52.092	-0.050	31.890	4394.593	11.162	1.333
1.2 Dead+1.0 Wind 210 deg - No Ice	69.456	-15.983	27.643	3874.927	2249.311	1.121
0.9 Dead+1.0 Wind 210 deg - No Ice	52.092	-15.983	27.643	3810.209	2210.704	1.149
1.2 Dead+1.0 Wind 240 deg - No Ice	69.456	-27.634	15.988	2241.714	3884.556	0.614
0.9 Dead+1.0 Wind 240 deg - No Ice	52.092	-27.634	15.988	2204.488	3818.386	0.657
1.2 Dead+1.0 Wind 270 deg - No Ice	69.456	-31.880	0.050	7.288	4479.659	-0.058
0.9 Dead+1.0 Wind 270 deg - No Ice	52.092	-31.880	0.050	7.679	4403.474	-0.012
1.2 Dead+1.0 Wind 300 deg - No Ice	69.456	-27.584	-15.902	-2229.683	3875.185	-0.715
0.9 Dead+1.0 Wind 300 deg - No Ice	52.092	-27.584	-15.902	-2191.627	3809.192	-0.678
1.2 Dead+1.0 Wind 330 deg - No Ice	69.456	-15.897	-27.593	-3869.794	2233.030	-1.179
0.9 Dead+1.0 Wind 330 deg - No Ice	52.092	-15.897	-27.593	-3804.119	2194.729	-1.161
1.2 Dead+1.0 Ice+1.0 Temp	93.294	-0.000	-0.000	-3.632	4.561	-0.001
1.2 Dead+1.0 Wind 0 deg+1.0 Ice+1.0 Temp	93.294	0.010	-9.256	-1310.637	2.819	-0.295
1.2 Dead+1.0 Wind 30 deg+1.0 Ice+1.0 Temp	93.294	4.635	-8.021	-1136.562	-650.897	-0.241
1.2 Dead+1.0 Wind 60 deg+1.0 Ice+1.0 Temp	93.294	8.019	-4.637	-658.938	-1128.925	-0.123
1.2 Dead+1.0 Wind 90 deg+1.0 Ice+1.0 Temp	93.294	9.254	-0.010	-5.772	-1303.149	0.028
1.2 Dead+1.0 Wind 120 deg+1.0 Ice+1.0 Temp	93.294	8.009	4.619	647.921	-1126.964	0.172
1.2 Dead+1.0 Wind 150 deg+1.0 Ice+1.0 Temp	93.294	4.618	8.011	1126.985	-647.497	0.269
1.2 Dead+1.0 Wind 180 deg+1.0 Ice+1.0 Temp	93.294	-0.010	9.256	1303.024	6.748	0.294
1.2 Dead+1.0 Wind 210 deg+1.0 Ice+1.0 Temp	93.294	-4.635	8.021	1128.948	660.467	0.240
1.2 Dead+1.0 Wind 240 deg+1.0 Ice+1.0 Temp	93.294	-8.019	4.637	651.322	1138.495	0.122
1.2 Dead+1.0 Wind 270 deg+1.0 Ice+1.0 Temp	93.294	-9.254	0.010	-1.844	1312.745	-0.029
1.2 Dead+1.0 Wind 300 deg+1.0 Ice+1.0 Temp	93.294	-8.009	-4.619	-655.537	1136.530	-0.173
1.2 Dead+1.0 Wind 330 deg+1.0 Ice+1.0 Temp	93.294	-4.618	-8.011	-1134.599	657.063	-0.270
Dead+Wind 0 deg - Service	57.880	0.012	-7.900	-1098.527	-0.120	-0.333
Dead+Wind 30 deg - Service	57.880	3.960	-6.848	-952.754	-548.894	-0.289
Dead+Wind 60 deg - Service	57.880	6.846	-3.961	-552.144	-950.006	-0.167
Dead+Wind 90 deg - Service	57.880	7.898	-0.012	-4.056	-1095.962	-0.000



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	157089.001.01 - Monroe-1/Rt 25, CT (BU# 826053)	14 of 18
	<b>Project</b>	<b>Date</b>
		11:56:04 10/09/21
	<b>Client</b>	<b>Designed by</b>
	Crown Castle	S Shetty

Load Combination	Vertical K	Shear <sub>x</sub> K	Shear <sub>z</sub> K	Overturning Moment, M <sub>x</sub> kip-ft	Overturning Moment, M <sub>z</sub> kip-ft	Torque kip-ft
Dead+Wind 120 deg - Service	57.880	6.833	3.939	544.651	-947.702	0.166
Dead+Wind 150 deg - Service	57.880	3.938	6.836	946.950	-544.902	0.288
Dead+Wind 180 deg - Service	57.880	-0.012	7.900	1095.028	4.491	0.333
Dead+Wind 210 deg - Service	57.880	-3.960	6.848	949.255	553.265	0.289
Dead+Wind 240 deg - Service	57.880	-6.846	3.961	548.644	954.377	0.167
Dead+Wind 270 deg - Service	57.880	-7.898	0.012	0.555	1100.333	-0.000
Dead+Wind 300 deg - Service	57.880	-6.833	-3.939	-548.151	952.072	-0.167
Dead+Wind 330 deg - Service	57.880	-3.938	-6.836	-950.450	549.272	-0.289

## 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	-57.880	0.000	0.000	57.880	0.000	0.000%
2	0.050	-69.456	-31.890	-0.050	69.456	31.890	0.000%
3	0.050	-52.092	-31.890	-0.050	52.092	31.890	0.000%
4	15.983	-69.456	-27.643	-15.983	69.456	27.643	0.000%
5	15.983	-52.092	-27.643	-15.983	52.092	27.643	0.000%
6	27.634	-69.456	-15.988	-27.634	69.456	15.988	0.000%
7	27.634	-52.092	-15.988	-27.634	52.092	15.988	0.000%
8	31.880	-69.456	-0.050	-31.880	69.456	0.050	0.000%
9	31.880	-52.092	-0.050	-31.880	52.092	0.050	0.000%
10	27.584	-69.456	15.902	-27.584	69.456	-15.902	0.000%
11	27.584	-52.092	15.902	-27.584	52.092	-15.902	0.000%
12	15.897	-69.456	27.593	-15.897	69.456	-27.593	0.000%
13	15.897	-52.092	27.593	-15.897	52.092	-27.593	0.000%
14	-0.050	-69.456	31.890	0.050	69.456	-31.890	0.000%
15	-0.050	-52.092	31.890	0.050	52.092	-31.890	0.000%
16	-15.983	-69.456	27.643	15.983	69.456	-27.643	0.000%
17	-15.983	-52.092	27.643	15.983	52.092	-27.643	0.000%
18	-27.634	-69.456	15.988	27.634	69.456	-15.988	0.000%
19	-27.634	-52.092	15.988	27.634	52.092	-15.988	0.000%
20	-31.880	-69.456	0.050	31.880	69.456	-0.050	0.000%
21	-31.880	-52.092	0.050	31.880	52.092	-0.050	0.000%
22	-27.584	-69.456	-15.902	27.584	69.456	15.902	0.000%
23	-27.584	-52.092	-15.902	27.584	52.092	15.902	0.000%
24	-15.897	-69.456	-27.593	15.897	69.456	27.593	0.000%
25	-15.897	-52.092	-27.593	15.897	52.092	27.593	0.000%
26	0.000	-93.294	0.000	0.000	93.294	0.000	0.000%
27	0.010	-93.294	-9.256	-0.010	93.294	9.256	0.000%
28	4.635	-93.294	-8.021	-4.635	93.294	8.021	0.000%
29	8.019	-93.294	-4.637	-8.019	93.294	4.637	0.000%
30	9.254	-93.294	-0.010	-9.254	93.294	0.010	0.000%
31	8.009	-93.294	4.619	-8.009	93.294	-4.619	0.000%
32	4.618	-93.294	8.011	-4.618	93.294	-8.011	0.000%
33	-0.010	-93.294	9.256	0.010	93.294	-9.256	0.000%
34	-4.635	-93.294	8.021	4.635	93.294	-8.021	0.000%
35	-8.019	-93.294	4.637	8.019	93.294	-4.637	0.000%
36	-9.254	-93.294	0.010	9.254	93.294	-0.010	0.000%
37	-8.009	-93.294	-4.619	8.009	93.294	4.619	0.000%
38	-4.618	-93.294	-8.011	4.618	93.294	8.011	0.000%
39	0.012	-57.880	-7.900	-0.012	57.880	7.900	0.000%
40	3.960	-57.880	-6.848	-3.960	57.880	6.848	0.000%
41	6.846	-57.880	-3.961	-6.846	57.880	3.961	0.000%
42	7.898	-57.880	-0.012	-7.898	57.880	0.012	0.000%
43	6.833	-57.880	3.939	-6.833	57.880	-3.939	0.000%
44	3.938	-57.880	6.836	-3.938	57.880	-6.836	0.000%

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	157089.001.01 - Monroe-1/Rt 25, CT (BU# 826053)		15 of 18
	<b>Project</b>	<b>Date</b>	11:56:04 10/09/21
<b>Client</b>	Crown Castle		<b>Designed by</b>
			S Shetty

Load Comb.	Sum of Applied Forces			Sum of Reactions			% Error
	PX K	PY K	PZ K	PX K	PY K	PZ K	
45	-0.012	-57.880	7.900	0.012	57.880	-7.900	0.000%
46	-3.960	-57.880	6.848	3.960	57.880	-6.848	0.000%
47	-6.846	-57.880	3.961	6.846	57.880	-3.961	0.000%
48	-7.898	-57.880	0.012	7.898	57.880	-0.012	0.000%
49	-6.833	-57.880	-3.939	6.833	57.880	3.939	0.000%
50	-3.938	-57.880	-6.836	3.938	57.880	6.836	0.000%

## Non-Linear Convergence Results

Load Combination	Converged?	Number of Cycles	Displacement Tolerance	Force Tolerance
1	Yes	4	0.00000001	0.00000001
2	Yes	5	0.00000001	0.00017728
3	Yes	5	0.00000001	0.00008681
4	Yes	6	0.00000001	0.00047175
5	Yes	6	0.00000001	0.00016347
6	Yes	6	0.00000001	0.00048176
7	Yes	6	0.00000001	0.00016741
8	Yes	5	0.00000001	0.00007517
9	Yes	4	0.00000001	0.00091585
10	Yes	6	0.00000001	0.00047791
11	Yes	6	0.00000001	0.00016635
12	Yes	6	0.00000001	0.00046422
13	Yes	6	0.00000001	0.00016123
14	Yes	5	0.00000001	0.00024143
15	Yes	5	0.00000001	0.00011857
16	Yes	6	0.00000001	0.00048501
17	Yes	6	0.00000001	0.00016857
18	Yes	6	0.00000001	0.00047697
19	Yes	6	0.00000001	0.00016528
20	Yes	5	0.00000001	0.00009521
21	Yes	5	0.00000001	0.00004141
22	Yes	6	0.00000001	0.00047013
23	Yes	6	0.00000001	0.00016307
24	Yes	6	0.00000001	0.00048188
25	Yes	6	0.00000001	0.00016756
26	Yes	4	0.00000001	0.00004838
27	Yes	5	0.00000001	0.00099899
28	Yes	6	0.00000001	0.00017582
29	Yes	6	0.00000001	0.00017700
30	Yes	5	0.00000001	0.00099025
31	Yes	6	0.00000001	0.00017469
32	Yes	6	0.00000001	0.00017327
33	Yes	5	0.00000001	0.00099167
34	Yes	6	0.00000001	0.00017834
35	Yes	6	0.00000001	0.00017740
36	Yes	6	0.00000001	0.00013016
37	Yes	6	0.00000001	0.00017779
38	Yes	6	0.00000001	0.00017902
39	Yes	4	0.00000001	0.00024731
40	Yes	5	0.00000001	0.00008933
41	Yes	5	0.00000001	0.00009503
42	Yes	4	0.00000001	0.00019877
43	Yes	5	0.00000001	0.00009408
44	Yes	5	0.00000001	0.00008681
45	Yes	4	0.00000001	0.00025393

<b>tnxTower</b>  <b>B+T Group</b> 1717 S. Boulder, Suite 300 Tulsa, OK 74119 Phone: (918) 587-4630 FAX: (918) 295-0265	<b>Job</b> 157089.001.01 - Monroe-1/Rt 25, CT (BU# 826053)	<b>Page</b> 16 of 18
	<b>Project</b>	<b>Date</b> 11:56:04 10/09/21
	<b>Client</b> Crown Castle	<b>Designed by</b> S Shetty

46	Yes	5	0.00000001	0.00009750
47	Yes	5	0.00000001	0.00009187
48	Yes	4	0.00000001	0.00020132
49	Yes	5	0.00000001	0.00009048
50	Yes	5	0.00000001	0.00009777

### Maximum Tower Deflections - Service Wind

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
L1	195 - 157.5	32.307	48	1.399	0.003
L2	161.75 - 116.75	22.771	48	1.311	0.002
L3	122 - 77	12.903	47	1.018	0.001
L4	83 - 38	5.862	47	0.683	0.000
L5	45 - 0	1.693	47	0.341	0.000

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

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection in	Tilt °	Twist °	Radius of Curvature ft
196.000	Top Hat	48	32.307	1.399	0.003	73958
195.000	APXVAARR24_43-U-NA20 w/ Mount Pipe	48	32.307	1.399	0.003	73958
175.000	OPA-65R-LCUU-H6 w/ Mount Pipe	48	26.495	1.360	0.002	18489
165.000	(2) LPA-80080/6CF w/ Mount Pipe	48	23.669	1.326	0.002	12331
147.000	MX08FRO665-21 w/ Mount Pipe	48	18.843	1.221	0.001	8748

### Maximum Tower Deflections - Design Wind

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
L1	195 - 157.5	131.617	18	5.703	0.011
L2	161.75 - 116.75	92.833	18	5.350	0.006
L3	122 - 77	52.636	18	4.156	0.003
L4	83 - 38	23.911	18	2.787	0.002
L5	45 - 0	6.904	18	1.392	0.001

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

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection in	Tilt °	Twist °	Radius of Curvature ft
196.000	Top Hat	18	131.617	5.703	0.011	18761
195.000	APXVAARR24_43-U-NA20 w/	18	131.617	5.703	0.011	18761

<b>tnxTower</b>  <b>B+T Group</b> 1717 S. Boulder, Suite 300 Tulsa, OK 74119 Phone: (918) 587-4630 FAX: (918) 295-0265	<b>Job</b> 157089.001.01 - Monroe-1/Rt 25, CT (BU# 826053)	<b>Page</b> 17 of 18
	<b>Project</b>	<b>Date</b> 11:56:04 10/09/21
	<b>Client</b> Crown Castle	<b>Designed by</b> S Shetty

Elevation	Appurtenance	Gov. Load Comb.	Deflection in	Tilt °	Twist °	Radius of Curvature ft
ft	Mount Pipe					
175.000	OPA-65R-LCUU-H6 w/ Mount Pipe	18	107.984	5.548	0.008	4688
165.000	(2) LPA-80080/6CF w/ Mount Pipe	18	96.491	5.410	0.007	3124
147.000	MX08FRO665-21 w/ Mount Pipe	18	76.844	4.984	0.005	2187

### Compression Checks

### Pole Design Data

Section No.	Elevation ft	Size	L ft	L <sub>u</sub> ft	Kl/r	A in <sup>2</sup>	P <sub>u</sub> K	φP <sub>n</sub> K	Ratio $\frac{P_u}{\phi P_n}$
L1	195 - 157.5 (1)	TP33.351x26x0.25	37.500	0.000	0.0	25.605	-16.098	1497.870	0.011
L2	157.5 - 116.75 (2)	TP40.839x32.018x0.313	45.000	0.000	0.0	39.176	-26.971	2291.820	0.012
L3	116.75 - 77 (3)	TP48.006x39.185x0.375	45.000	0.000	0.0	55.293	-37.892	3234.630	0.012
L4	77 - 38 (4)	TP54.901x46.08x0.375	45.000	0.000	0.0	63.266	-50.536	3701.080	0.014
L5	38 - 0 (5)	TP61.6x52.779x0.438	45.000	0.000	0.0	84.932	-69.438	4968.510	0.014

### Pole Bending Design Data

Section No.	Elevation ft	Size	M <sub>ux</sub> kip-ft	φM <sub>ux</sub> kip-ft	Ratio $\frac{M_{ux}}{\phi M_{ux}}$	M <sub>uy</sub> kip-ft	φM <sub>uy</sub> kip-ft	Ratio $\frac{M_{uy}}{\phi M_{uy}}$
L1	195 - 157.5 (1)	TP33.351x26x0.25	268.394	1154.717	0.232	0.000	1154.717	0.000
L2	157.5 - 116.75 (2)	TP40.839x32.018x0.313	1074.175	2178.158	0.493	0.000	2178.158	0.000
L3	116.75 - 77 (3)	TP48.006x39.185x0.375	2040.975	3639.867	0.561	0.000	3639.867	0.000
L4	77 - 38 (4)	TP54.901x46.08x0.375	3103.333	4539.817	0.684	0.000	4539.817	0.000
L5	38 - 0 (5)	TP61.6x52.779x0.438	4484.983	7050.741	0.636	0.000	7050.741	0.000

### Pole Shear Design Data

Section No.	Elevation ft	Size	Actual V <sub>u</sub> K	φV <sub>n</sub> K	Ratio $\frac{V_u}{\phi V_n}$	Actual T <sub>u</sub> kip-ft	φT <sub>n</sub> kip-ft	Ratio $\frac{T_u}{\phi T_n}$
L1	195 - 157.5 (1)	TP33.351x26x0.25	16.811	449.360	0.037	0.387	1269.825	0.000
L2	157.5 - 116.75 (2)	TP40.839x32.018x0.313	22.996	687.547	0.033	0.059	2378.208	0.000
L3	116.75 - 77 (3)	TP48.006x39.185x0.375	26.445	970.390	0.027	0.615	3947.817	0.000
L4	77 - 38 (4)	TP54.901x46.08x0.375	29.291	1110.320	0.026	0.614	5168.500	0.000
L5	38 - 0 (5)	TP61.6x52.779x0.438	31.965	1490.550	0.021	0.614	7983.850	0.000

<b>tnxTower</b>  <b>B+T Group</b> 1717 S. Boulder, Suite 300 Tulsa, OK 74119 Phone: (918) 587-4630 FAX: (918) 295-0265	<b>Job</b> 157089.001.01 - Monroe-1/Rt 25, CT (BU# 826053)	<b>Page</b> 18 of 18
	<b>Project</b>	<b>Date</b> 11:56:04 10/09/21
	<b>Client</b> Crown Castle	<b>Designed by</b> S Shetty

### Pole Interaction Design Data

Section No.	Elevation ft	Ratio $P_u$	Ratio $M_{ux}$	Ratio $M_{uy}$	Ratio $V_u$	Ratio $T_u$	Comb. Stress Ratio	Allow. Stress Ratio	Criteria
L1	195 - 157.5 (1)	0.011	0.232	0.000	0.037	0.000	0.245	1.050	4.8.2 ✓
L2	157.5 - 116.75 (2)	0.012	0.493	0.000	0.033	0.000	0.506	1.050	4.8.2 ✓
L3	116.75 - 77 (3)	0.012	0.561	0.000	0.027	0.000	0.573	1.050	4.8.2 ✓
L4	77 - 38 (4)	0.014	0.684	0.000	0.026	0.000	0.698	1.050	4.8.2 ✓
L5	38 - 0 (5)	0.014	0.636	0.000	0.021	0.000	0.651	1.050	4.8.2 ✓

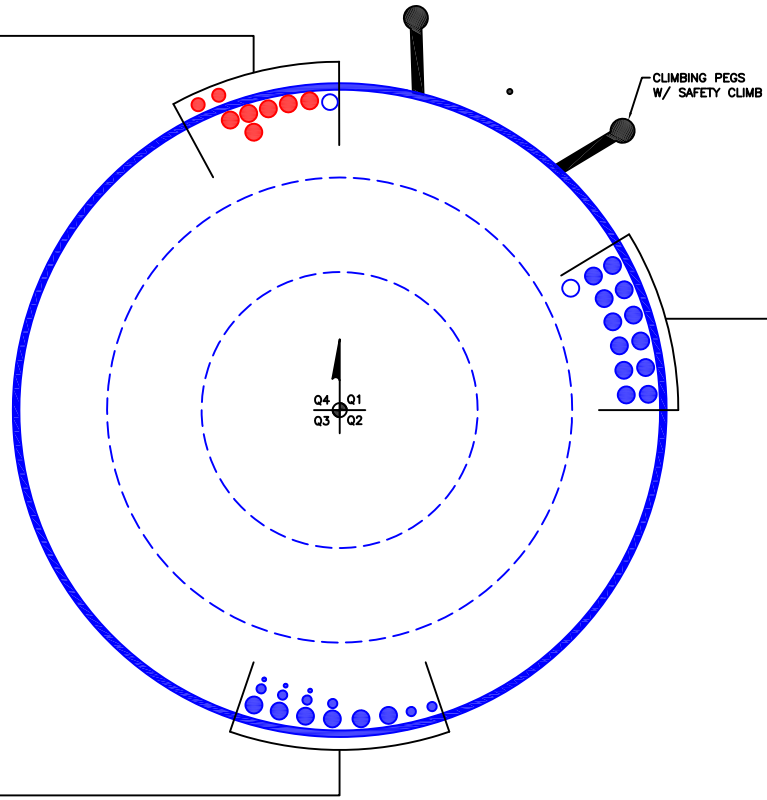
### Section Capacity Table

Section No.	Elevation ft	Component Type	Size	Critical Element	P K	$\phi P_{allow}$ K	% Capacity	Pass Fail
L1	195 - 157.5	Pole	TP33.351x26x0.25	1	-16.098	1572.763	23.3	Pass
L2	157.5 - 116.75	Pole	TP40.839x32.018x0.313	2	-26.971	2406.411	48.2	Pass
L3	116.75 - 77	Pole	TP48.006x39.185x0.375	3	-37.892	3396.361	54.6	Pass
L4	77 - 38	Pole	TP54.901x46.08x0.375	4	-50.536	3886.134	66.5	Pass
L5	38 - 0	Pole	TP61.6x52.779x0.438	5	-69.438	5216.935	62.0	Pass
Summary								
Pole (L4)							66.5	Pass
<b>RATING =</b>							<b>66.5</b>	<b>Pass</b>

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

(OTHER CONSIDERED EQUIPMENT)  
(1) 1-1/2" TO 147 FT LEVEL

(PROPOSED EQUIPMENT CONFIGURATION)  
(2) 1-1/4" TO 165 FT LEVEL  
(6) 1-5/8" TO 165 FT LEVEL



BUSINESS UNIT: 826053

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



# Monopole Base Plate Connection

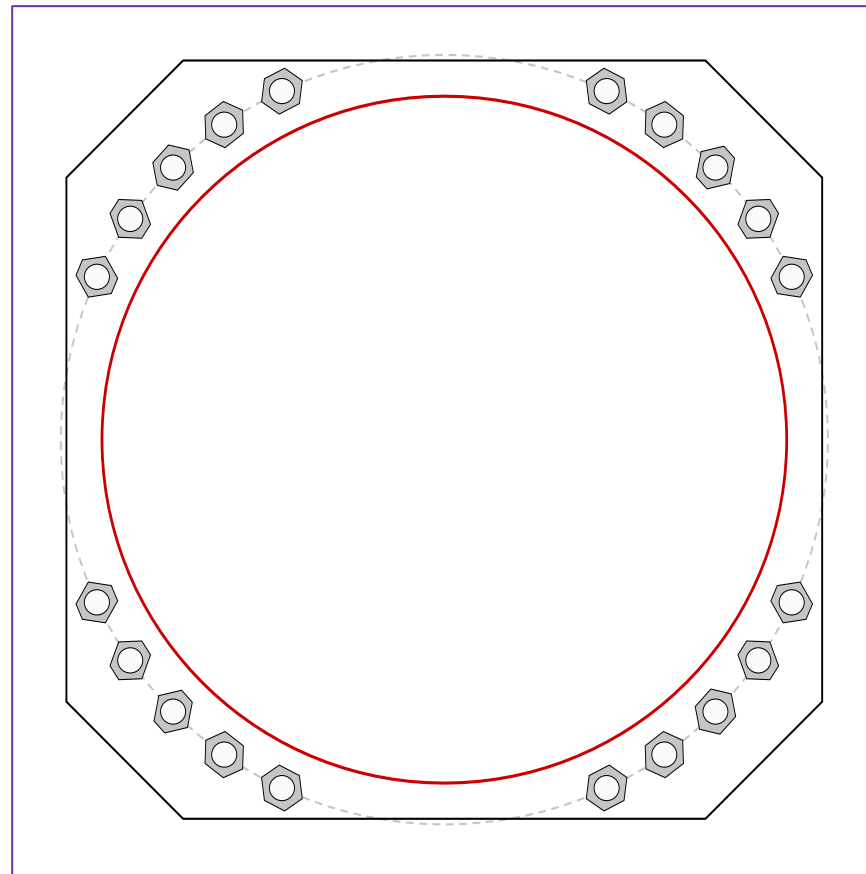


Site Info	
BU #	826053
Site Name	Monroe-1/Rt 25, CT
Order #	589615 Rev-0

Analysis Considerations	
TIA-222 Revision	H
Grout Considered:	No
$l_{ar}$ (in)	2.75

Applied Loads	
Moment (kip-ft)	4484.98
Axial Force (kips)	69.44
Shear Force (kips)	31.96

\*TIA-222-H Section 15.5 Applied



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

Anchor Rod Data
(20) 2-1/4" $\phi$ bolts (A615-75 N; $F_y=75$ ksi, $F_u=100$ ksi) on 69" BC <i>Anchor Spacing: 6 in</i>
Base Plate Data
68" W x 3" Plate (A572-55; $F_y=55$ ksi, $F_u=70$ ksi); Clip: 10.5 in
Stiffener Data
N/A
Pole Data
61.6" x 0.4375" 18-sided pole (A607-65; $F_y=65$ ksi, $F_u=80$ ksi)

Anchor Rod Summary			<i>(units of kips, kip-in)</i>
$P_{u_t} = 152.46$	$\phi P_{n_t} = 243.75$	<b>Stress Rating</b>	
$V_u = 1.6$	$\phi V_n = 149.1$	<b>59.6%</b>	
$M_u = 2.86$	$\phi M_n = 128.14$	<b>Pass</b>	
Base Plate Summary			
Max Stress (ksi):	26.7	(Flexural)	
Allowable Stress (ksi):	49.5		
Stress Rating:	<b>51.4%</b>	<b>Pass</b>	

## Drilled Pier Foundation

BU # :	826053
Site Name:	Monroe-1/Rt 25,CT
Order Number:	589615 Rev-0
TIA-222 Revision:	H
Tower Type:	Monopole



Applied Loads		
	Comp.	Uplift
Moment (kip-ft)	4485	
Axial Force (kips)	69	
Shear Force (kips)	32	

Material Properties		
Concrete Strength, f <sub>c</sub> :	4.5	ksi
Rebar Strength, F <sub>y</sub> :	60	ksi
Tie Yield Strength, F <sub>yt</sub> :	40	ksi

Pier Design Data	
Depth	37 ft
Ext. Above Grade	0.5 ft
Pier Section 1	
<i>From 0.5' above grade to 37' below grade</i>	
Pier Diameter	8 ft
Rebar Quantity	28
Rebar Size	11
Rebar Cage Diameter	4 in
Tie Size	5
Tie Spacing	18 in

Rebar 2, F<sub>y</sub> Override (ksi)

Rebar 3, F<sub>y</sub> Override (ksi)

[Rebar & Pier Options](#)

[Embedded Pole Inputs](#)

[Belled Pier Inputs](#)

### Analysis Results

Soil Lateral Check	Compression	Uplift
D <sub>v=0</sub> (ft from TOC)	14.85	-
Soil Safety Factor	3.26	-
Max Moment (kip-ft)	4939.02	-
Rating*	38.8%	-

Soil Vertical Check	Compression	Uplift
Skin Friction (kips)	678.58	-
End Bearing (kips)	1211.40	-
Weight of Concrete (kips)	211.27	-
Total Capacity (kips)	1889.98	-
Axial (kips)	280.27	-
Rating*	14.1%	-

Reinforced Concrete Flexure	Compression	Uplift
Critical Depth (ft from TOC)	14.87	-
Critical Moment (kip-ft)	4939.02	-
Critical Moment Capacity	8075.16	-
Rating*	58.3%	-

Reinforced Concrete Shear	Compression	Uplift
Critical Depth (ft from TOC)	28.29	-
Critical Shear (kip)	452.80	-
Critical Shear Capacity	807.59	-
Rating*	53.4%	-

<b>Structural Foundation Rating*</b>	<b>58.3%</b>
<b>Soil Interaction Rating*</b>	<b>38.8%</b>

\*Rating per TIA-222-H Section 15.5

Check Limitation	
Apply TIA-222-H Section 15.5:	<input checked="" type="checkbox"/>
N/A	<input type="checkbox"/>
Additional Longitudinal Rebar	
Input Effective Depths (else Actual):	<input type="checkbox"/>
Shear Design Options	
Check Shear along Depth of Pier:	<input checked="" type="checkbox"/>
Utilize Shear-Friction Methodology:	<input type="checkbox"/>
Override Critical Depth:	<input type="checkbox"/>

[Go to Soil Calculations](#)

Soil Profile			
Groundwater Depth	3	# of Layers	3

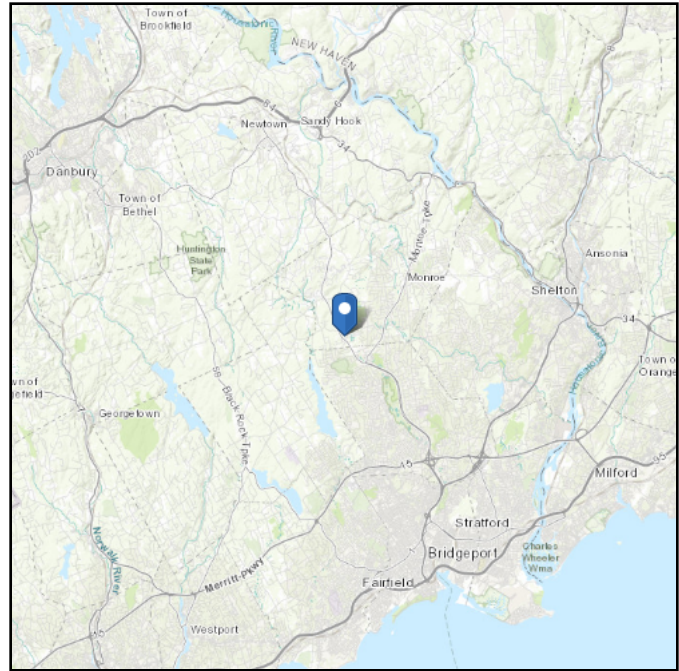
Layer	Top (ft)	Bottom (ft)	Thickness (ft)	γ <sub>soil</sub> (pcf)	γ <sub>concrete</sub> (pcf)	Cohesion (ksf)	Angle of Friction (degrees)	Calculated Ultimate Skin Friction Comp (ksf)	Calculated Ultimate Skin Friction Uplift (ksf)	Ultimate Skin Friction Comp Override (ksf)	Ultimate Skin Friction Uplift Override (ksf)	Ult. Net Bearing Capacity (ksf)	SPT Blow Count	Soil Type
1	0	3	3	115	150	0	0	0.000	0.000	0.00	0.00			Cohesionless
2	3	13	10	52.6	87.6	0	0	0.000	0.000	0.00	0.00			Cohesionless
3	13	37	24	52.6	87.6	0	34	0.000	0.000	1.50	1.50	30		Cohesionless

# 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:** 323.94 ft (NAVD 88)  
**Latitude:** 41.301683  
**Longitude:** -73.250811



## Wind

### Results:

Wind Speed:	117 Vmph
10-year MRI	75 Vmph
25-year MRI	85 Vmph
50-year MRI	90 Vmph
100-year MRI	97 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: Fri Oct 08 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).

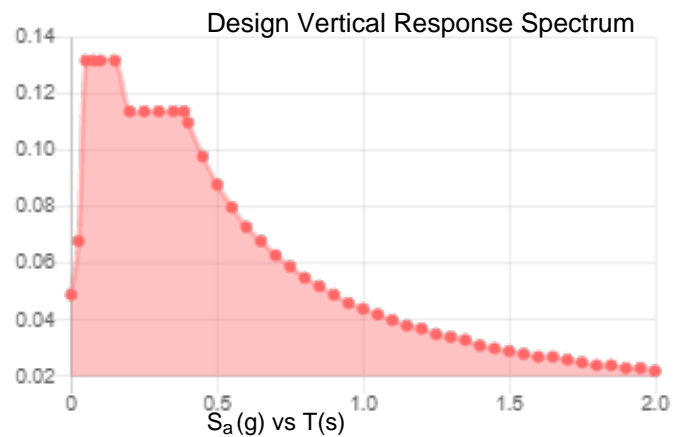
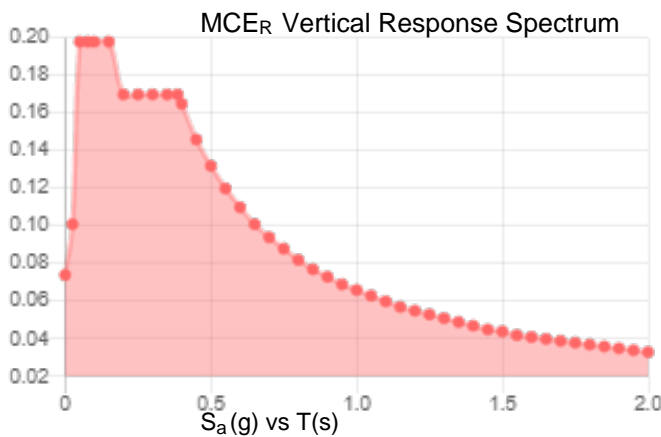
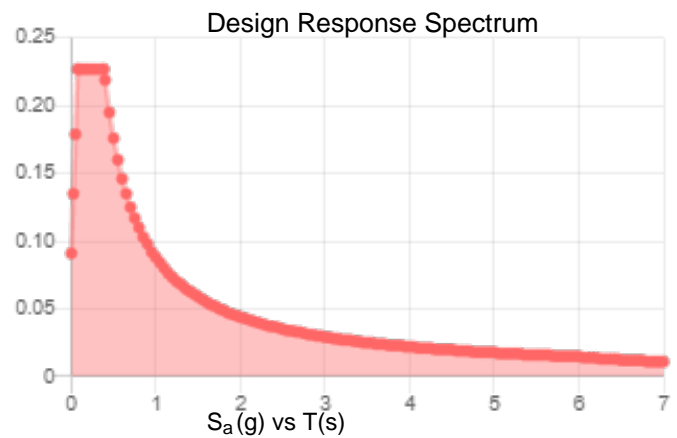
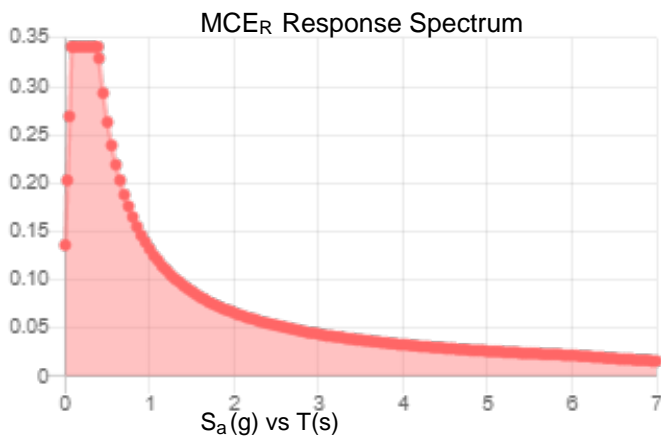
Site is in a hurricane-prone region as defined in ASCE/SEI 7-16 Section 26.2. Glazed openings need not be protected against wind-borne debris.

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

**Results:**

$S_s$ :	0.213	$S_{D1}$ :	0.088
$S_1$ :	0.055	$T_L$ :	6
$F_a$ :	1.6	PGA :	0.121
$F_v$ :	2.4	PGA <sub>M</sub> :	0.189
$S_{MS}$ :	0.341	$F_{PGA}$ :	1.557
$S_{M1}$ :	0.132	$I_e$ :	1
$S_{DS}$ :	0.227	$C_v$ :	0.726

**Seismic Design Category** B



**Data Accessed:**

Fri Oct 08 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:** Fri Oct 08 2021

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

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

---

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# Exhibit E

## **Mount Analysis**



Maser Consulting Connecticut  
1055 Washington Blvd  
Stamford, CT 06901  
856.797.0412  
peter.albano@colliersengineering.com

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

Mount Fix

SMART Tool Project #: 10117476  
Maser Consulting Connecticut Project #: 21781009A

December 1, 2021

### Site Information

Site ID: 469148-VZW / MONROE SOUTH CT  
Site Name: MONROE SOUTH CT  
Carrier Name: Verizon Wireless  
Address: 88 Main Street  
Monroe, Connecticut 06468  
Fairfield County  
Latitude: 41.300556°  
Longitude: -73.245833°

### Structure Information

Tower Type: 195-Ft Monopole  
Mount Type: 14.50-Ft Platform

FUZE ID # 16244651

### Analysis Results

Platform: 54.2% Pass

### \*\*\*Contractor PMI Requirements:

*Included at the end of this MA report*

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

*Contractor - Please Review Specific Site PMI Requirements Upon Award*

*Requirements also Noted on Mount Modification Drawings*

*Requirements may also be Noted on A & E drawings*

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

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

Report Prepared By: Andy Hanes



## **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:**

<b>Document Type</b>	<b>Remarks</b>
<i>Radio Frequency Data Sheet (RFDS)</i>	<i>Verizon RFDS, Site ID: 674971, dated October 4, 2021</i>
<i>Mount Mapping Report</i>	<i>RKS Design &amp; Engineering, LLC, Site ID: CC:826053, dated November 7, 2021</i>
<i>Previous Mount Analysis</i>	<i>Maser Consulting Connecticut, Project #: 21781009A, dated November 16, 2021</i>
<i>Mount Modification Drawings</i>	<i>Maser Consulting Connecticut, Project #: 21781009A, dated December 1, 2021</i>

## **Analysis Criteria:**

Codes and Standards:	ANSI/TIA-222-H
Wind Parameters:	Basic Wind Speed (Ultimate 3-sec. Gust), $V_{ULT}$ : 117 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:	$S_s$ : 0.213 g $S_1$ : 0.055 g
Maintenance Parameters:	Wind Speed (3-sec. Gust): 30 mph Maintenance Live Load, $L_v$ : 250 lbs. Maintenance Live Load, $L_m$ : 500 lbs.
Analysis Software:	RISA-3D (V17)



**Final Loading Configuration:**

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

Mount Elevation (ft)	Equipment Elevation (ft)	Quantity	Manufacturer	Model	Status
163.50	165.00	3	Samsung	MT6407-77A	Added
		3	Samsung	RF4439d-25A	
		3	Samsung	RF4440d-13A	
		6	Amphenol Antel	LPA-80080-6CF-EDIN-2	Retained
		6	Commscope	NHH-65B-R2B	
		1	Raycap	RRFDC-3315-PF-48	
		1	Raycap	RRFDC-3315-PF-48*	

\* Equipment is mounted directly to the Monopole tower. It is not mounted on the platform mount and are not included in this mount analysis.

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 and field observations. Any deviation from the loading locations specified in this report shall be communicated to Maser Consulting Connecticut to verify deviation will not adversely impact the analysis.
2. Mounts are assumed to have been properly fabricated, installed and maintained in good condition, twist free and plumb in accordance with its original design and manufacturer’s specifications.

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

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

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

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

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

**Analysis Results:**

Component	Utilization %	Pass/Fail
Connection Check	34.3 %	Pass
Standoff	19.1 %	Pass
Main Channel	50.2 %	Pass
Side Angle	47.3 %	Pass
Side Channel	45.4 %	Pass
Standoff Plate	29.4 %	Pass
Cross Member HSS	44.8 %	Pass
Face Horizontal	33.5 %	Pass
FH Plates	49.2 %	Pass
Antenna Pipe	30.2 %	Pass
Support Rail	54.2 %	Pass
Support Rail Plate	43.3 %	Pass
Corner Angle	28.3 %	Pass
MOD Bracing	6.9 %	Pass

<b>Structure Rating – (Controlling Utilization of all Components)</b>	<b>54.2%</b>
---	--------------

**Recommendation:**

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

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

**Attachments:**

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



2021.11.7



11/07/2021





**Observed Safety and Structural Issues During the Mount Mapping**

Issue #	Description of Issue	Photo #
1	COAX TOTAL (14): (6) FH 1-5/8, (2) 1.52"Ø HYBRID, (6) FH 1-5/8 CUT	
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.

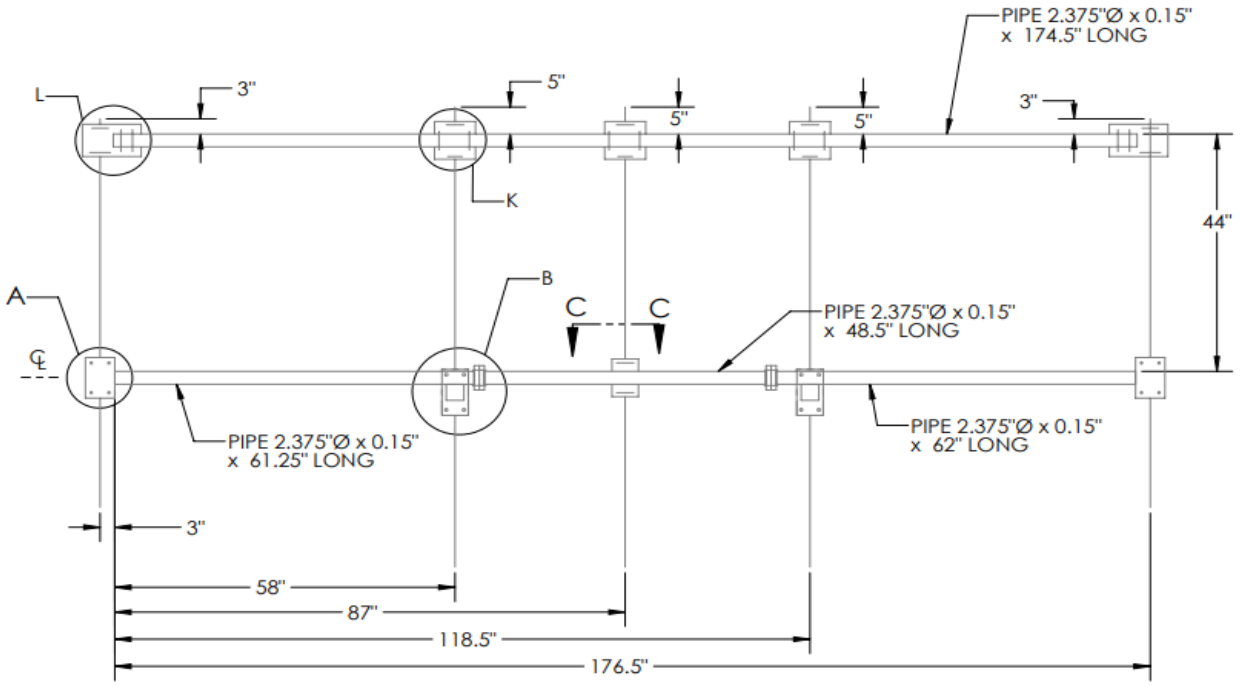


### Antenna Mount Mapping Form (PATENT PENDING)

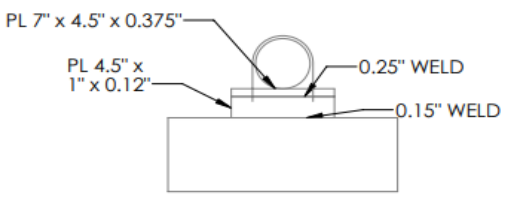
<b>Tower Owner:</b>	CROWN CASTLE	<b>Mapping Date:</b>	11/7/2021
<b>Site Name:</b>	CC:MONROE-1 RT 25, VZW:NE MPNROE SOUTH CT.	<b>Tower Type:</b>	Monopole
<b>Site Number or ID:</b>	CC:826053	<b>Tower Height (Ft.):</b>	UNKNOWN
<b>Mapping Contractor:</b>	RKS Design & Engineering, LLC	<b>Mount Elevation (Ft.):</b>	163.8

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

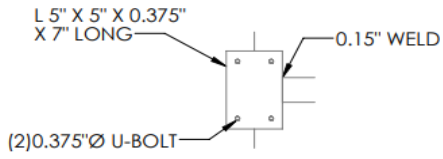
**Please Insert Sketches of the Antenna Mount**



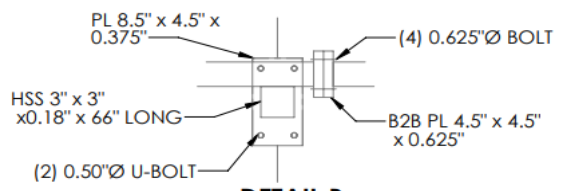
**SECTOR A, B & C**



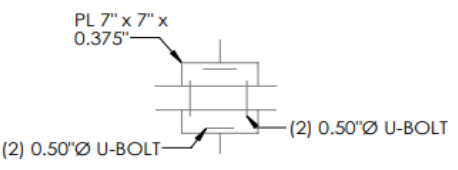
**SECTION C-C**



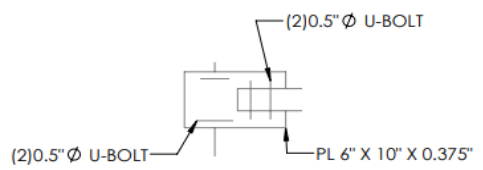
**DETAIL A**



**DETAIL B**

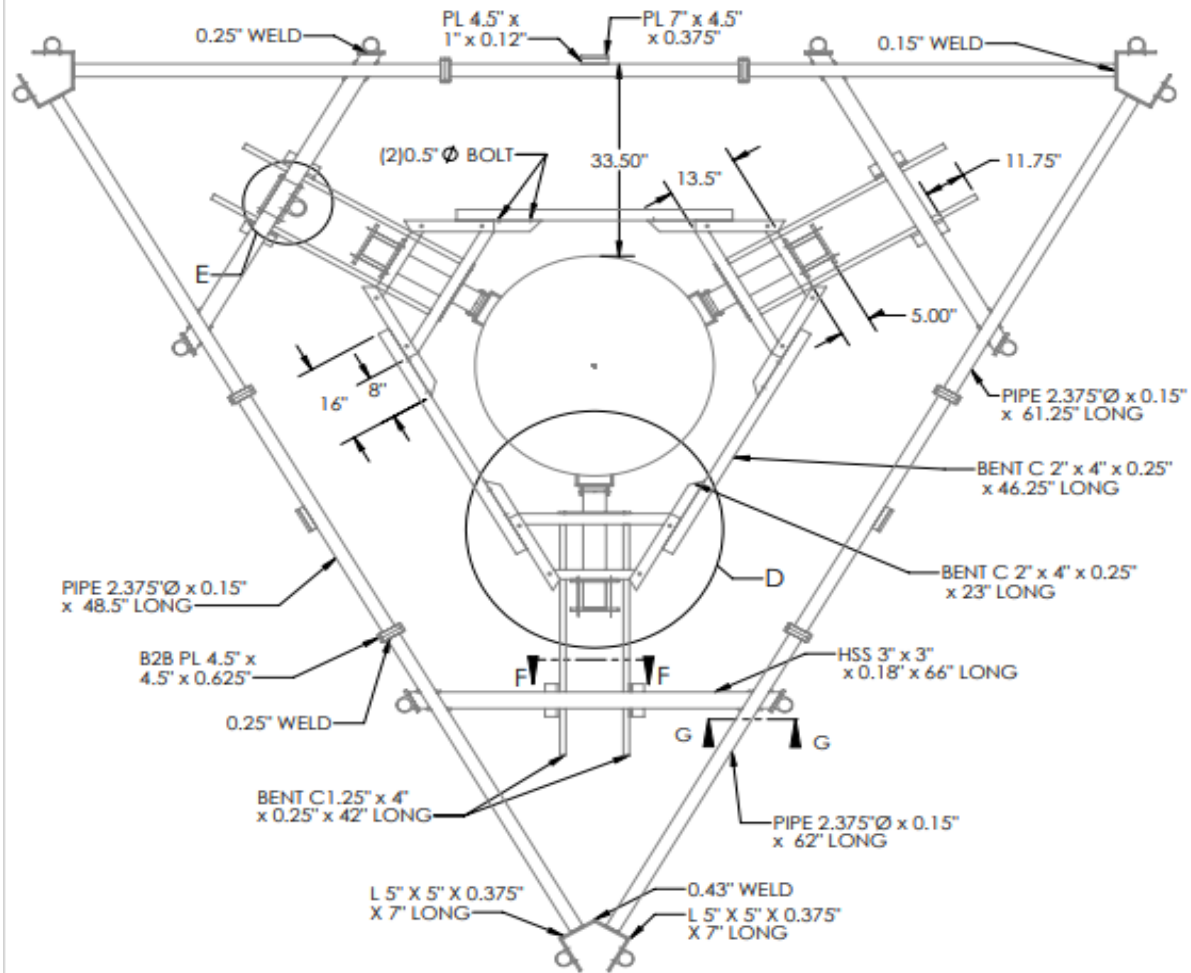


**DETAIL K**

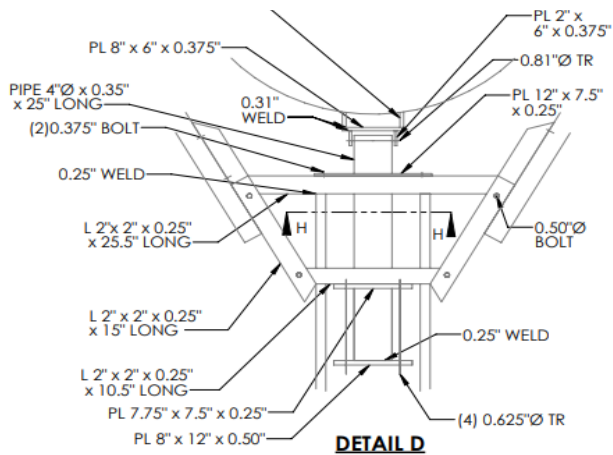


**DETAIL L**

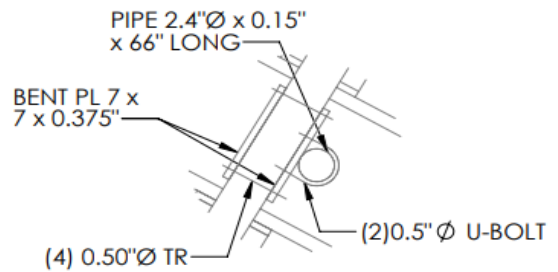




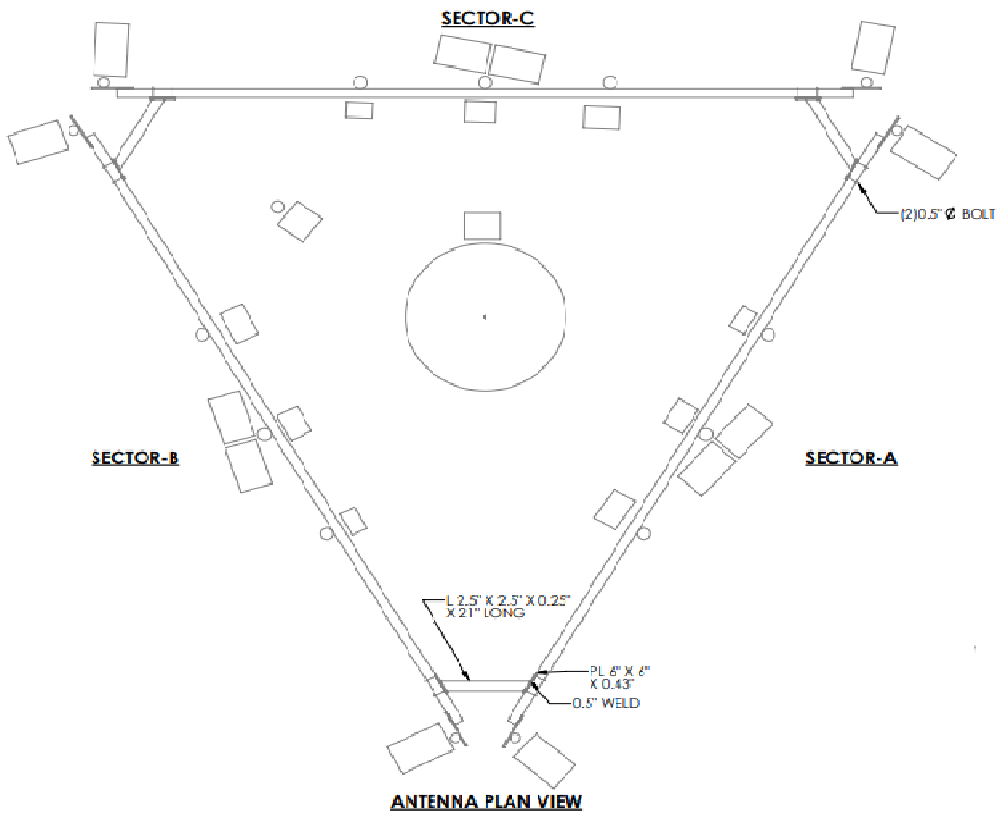
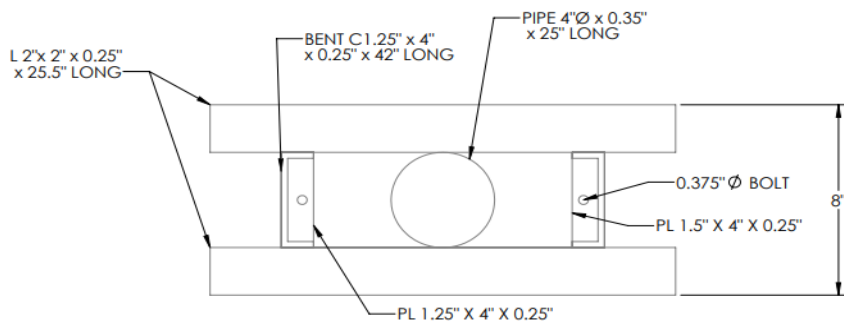
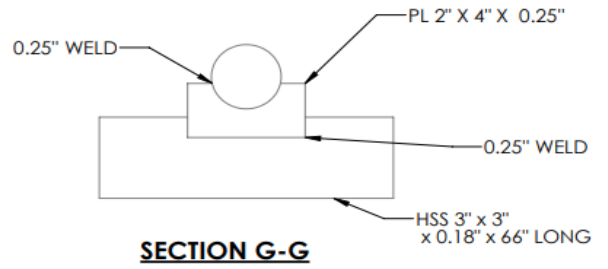
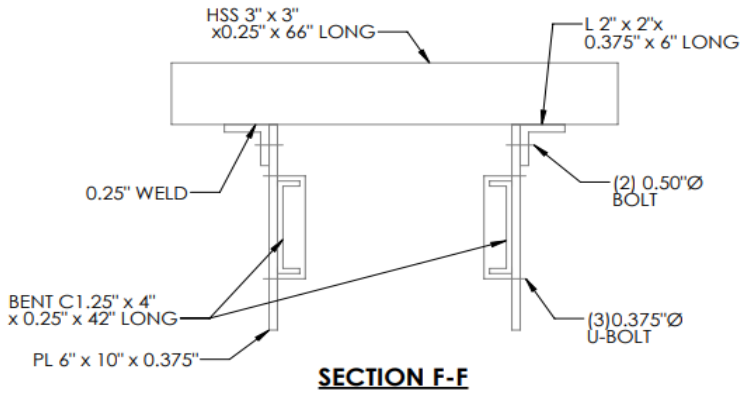
**MOUNT PLAN VIEW**

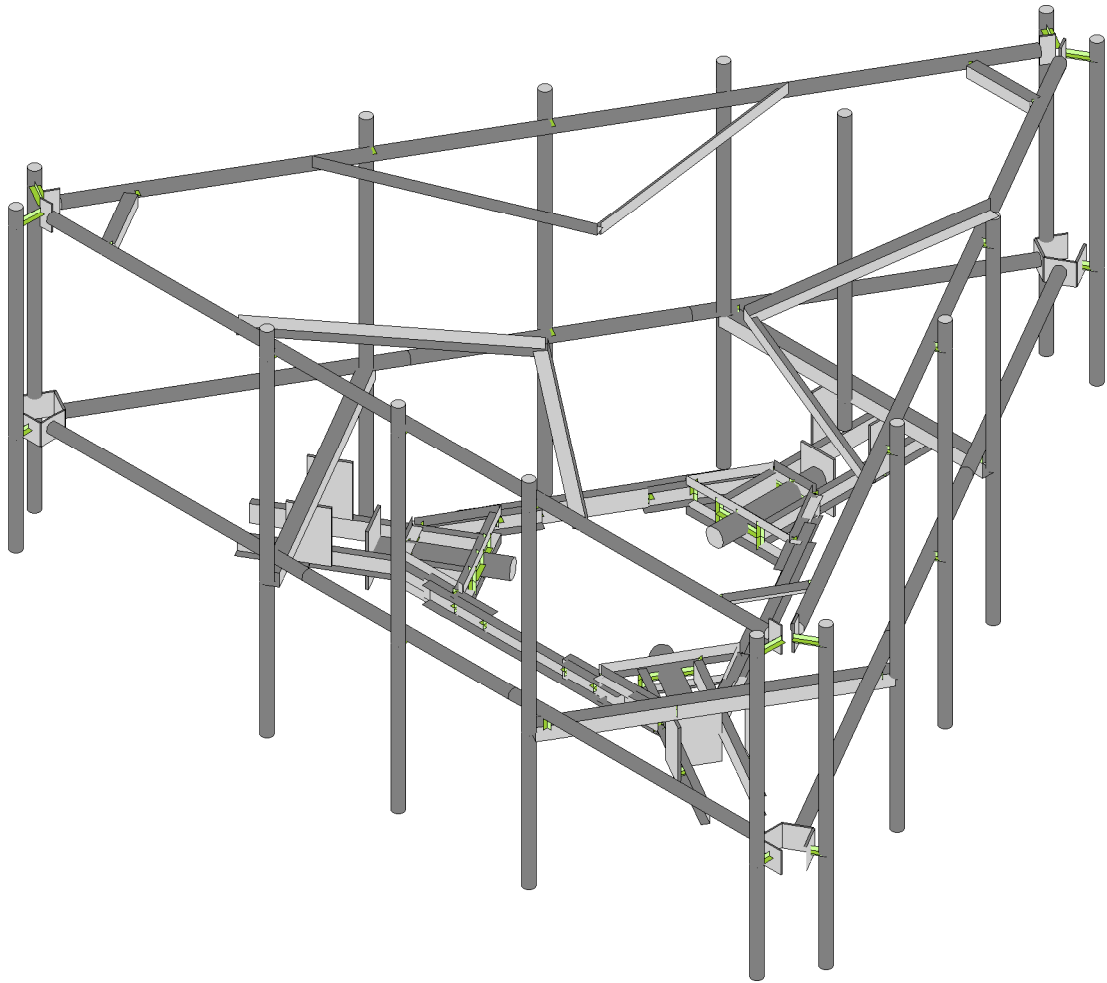
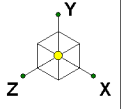


**DETAIL D**



**DETAIL E**





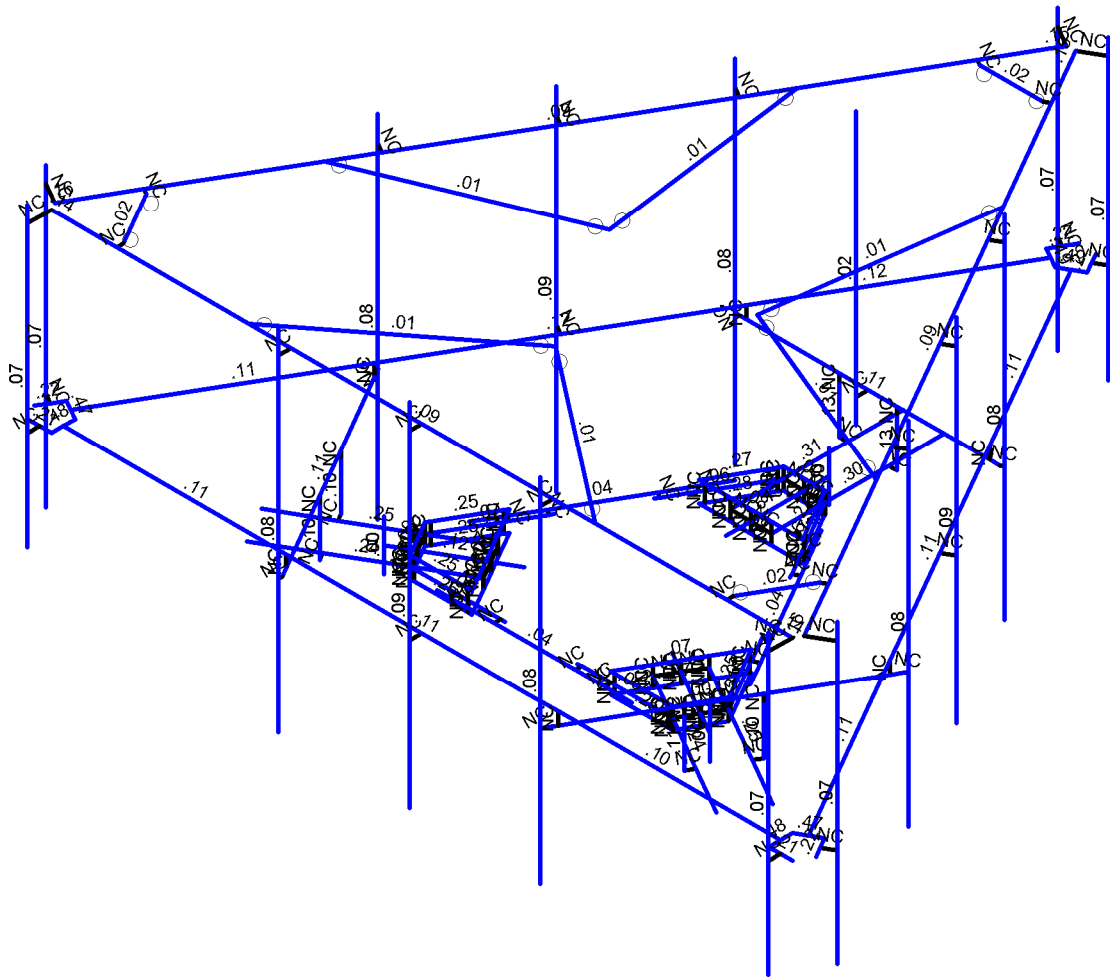
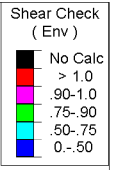
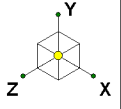
Envelope Only Solution

SK - 1

Nov 30, 2021 at 2:15 PM

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Member Shear Checks Displayed (Enveloped)  
Envelope Only Solution

SK - 3

Nov 30, 2021 at 2:16 PM

469148-VZW\_MT\_LO\_H.r3d



Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
 1:35 PM  
 Checked By: \_\_\_\_\_

**Basic Load Cases**

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed Area(Me...	Surface(P...
1	Antenna D	None					111		
2	Antenna Di	None					111		
3	Antenna Wo (0 Deg)	None					111		
4	Antenna Wo (30 Deg)	None					111		
5	Antenna Wo (60 Deg)	None					111		
6	Antenna Wo (90 Deg)	None					111		
7	Antenna Wo (120 Deg)	None					111		
8	Antenna Wo (150 Deg)	None					111		
9	Antenna Wo (180 Deg)	None					111		
10	Antenna Wo (210 Deg)	None					111		
11	Antenna Wo (240 Deg)	None					111		
12	Antenna Wo (270 Deg)	None					111		
13	Antenna Wo (300 Deg)	None					111		
14	Antenna Wo (330 Deg)	None					111		
15	Antenna Wi (0 Deg)	None					111		
16	Antenna Wi (30 Deg)	None					111		
17	Antenna Wi (60 Deg)	None					111		
18	Antenna Wi (90 Deg)	None					111		
19	Antenna Wi (120 Deg)	None					111		
20	Antenna Wi (150 Deg)	None					111		
21	Antenna Wi (180 Deg)	None					111		
22	Antenna Wi (210 Deg)	None					111		
23	Antenna Wi (240 Deg)	None					111		
24	Antenna Wi (270 Deg)	None					111		
25	Antenna Wi (300 Deg)	None					111		
26	Antenna Wi (330 Deg)	None					111		
27	Antenna Wm (0 Deg)	None					111		
28	Antenna Wm (30 Deg)	None					111		
29	Antenna Wm (60 Deg)	None					111		
30	Antenna Wm (90 Deg)	None					111		
31	Antenna Wm (120 Deg)	None					111		
32	Antenna Wm (150 Deg)	None					111		
33	Antenna Wm (180 Deg)	None					111		
34	Antenna Wm (210 Deg)	None					111		
35	Antenna Wm (240 Deg)	None					111		
36	Antenna Wm (270 Deg)	None					111		
37	Antenna Wm (300 Deg)	None					111		
38	Antenna Wm (330 Deg)	None					111		
39	Structure D	None		-1					6
40	Structure Di	None						109	6
41	Structure Wo (0 Deg)	None						218	
42	Structure Wo (30 Deg)	None						218	
43	Structure Wo (60 Deg)	None						218	
44	Structure Wo (90 Deg)	None						218	
45	Structure Wo (120 D...	None						218	
46	Structure Wo (150 D...	None						218	
47	Structure Wo (180 D...	None						218	
48	Structure Wo (210 D...	None						218	
49	Structure Wo (240 D...	None						218	
50	Structure Wo (270 D...	None						218	
51	Structure Wo (300 D...	None						218	
52	Structure Wo (330 D...	None						218	
53	Structure Wi (0 Deg)	None						218	



Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
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**Basic Load Cases (Continued)**

BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed Area(Me...	Surface(P...
54 Structure Wi (30 Deg)	None						218	
55 Structure Wi (60 Deg)	None						218	
56 Structure Wi (90 Deg)	None						218	
57 Structure Wi (120 De..)	None						218	
58 Structure Wi (150 De..)	None						218	
59 Structure Wi (180 De..)	None						218	
60 Structure Wi (210 De..)	None						218	
61 Structure Wi (240 De..)	None						218	
62 Structure Wi (270 De..)	None						218	
63 Structure Wi (300 De..)	None						218	
64 Structure Wi (330 De..)	None						218	
65 Structure Wm (0 Deg)	None						218	
66 Structure Wm (30 De..)	None						218	
67 Structure Wm (60 De..)	None						218	
68 Structure Wm (90 De..)	None						218	
69 Structure Wm (120 D..)	None						218	
70 Structure Wm (150 D..)	None						218	
71 Structure Wm (180 D..)	None						218	
72 Structure Wm (210 D..)	None						218	
73 Structure Wm (240 D..)	None						218	
74 Structure Wm (270 D..)	None						218	
75 Structure Wm (300 D..)	None						218	
76 Structure Wm (330 D..)	None						218	
77 Lm1	None					1		
78 Lm2	None					1		
79 Lv1	None					1		
80 Lv2	None					1		
81 Antenna Ev	None					111		
82 Antenna Eh (0 Deg)	None					74		
83 Antenna Eh (90 Deg)	None					74		
84 Structure Ev	ELY							
85 Structure Eh (0 Deg)	ELZ	-03						
86 Structure Eh (90 Deg)	ELX			.03				
87 BLC 39 Transient Are..	None						74	
88 BLC 40 Transient Are..	None						74	

**Load Combinations**

Description	SolveP...	S...	BLC Fac...	BLC Fac...	BLC Fac...	BLC Fac...	BLC Fac...	BLC Fac...	BLC Fac...	BLC Fac...	BLC Fac...	BLC Fac...
1 1.2D+1.0Wo (0 D...	Yes	Y	1	1.2	39	1.2	3	1	41	1		
2 1.2D+1.0Wo (30 ...	Yes	Y	1	1.2	39	1.2	4	1	42	1		
3 1.2D+1.0Wo (60 ...	Yes	Y	1	1.2	39	1.2	5	1	43	1		
4 1.2D+1.0Wo (90 ...	Yes	Y	1	1.2	39	1.2	6	1	44	1		
5 1.2D+1.0Wo (12...	Yes	Y	1	1.2	39	1.2	7	1	45	1		
6 1.2D+1.0Wo (15...	Yes	Y	1	1.2	39	1.2	8	1	46	1		
7 1.2D+1.0Wo (18...	Yes	Y	1	1.2	39	1.2	9	1	47	1		
8 1.2D+1.0Wo (21...	Yes	Y	1	1.2	39	1.2	10	1	48	1		
9 1.2D+1.0Wo (24...	Yes	Y	1	1.2	39	1.2	11	1	49	1		
10 1.2D+1.0Wo (27...	Yes	Y	1	1.2	39	1.2	12	1	50	1		
11 1.2D+1.0Wo (30...	Yes	Y	1	1.2	39	1.2	13	1	51	1		
12 1.2D+1.0Wo (33...	Yes	Y	1	1.2	39	1.2	14	1	52	1		
13 1.2D + 1.0Di + 1...	Yes	Y	1	1.2	39	1.2	2	1	40	1	15	1
14 1.2D + 1.0Di + 1...	Yes	Y	1	1.2	39	1.2	2	1	40	1	16	1
15 1.2D + 1.0Di + 1...	Yes	Y	1	1.2	39	1.2	2	1	40	1	17	1
16 1.2D + 1.0Di + 1...	Yes	Y	1	1.2	39	1.2	2	1	40	1	18	1
17 1.2D + 1.0Di + 1...	Yes	Y	1	1.2	39	1.2	2	1	40	1	19	1



Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
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 Checked By: \_\_\_\_\_

**Load Combinations (Continued)**

	Description	SolveP	S...	BLC Fac...	BLC Fac...	BLC Fac...	BLC Fac...	BLC Fac...	BLC Fac...	BLC Fac...	BLC Fac...	BLC Fac...	BLC Fac...	BLC Fac...	BLC Fac...	BLC Fac...
18	1.2D + 1.0Di + 1...	Yes	Y	1	1.2	39	1.2	2	1	40	1	20	1	58	1	
19	1.2D + 1.0Di + 1...	Yes	Y	1	1.2	39	1.2	2	1	40	1	21	1	59	1	
20	1.2D + 1.0Di + 1...	Yes	Y	1	1.2	39	1.2	2	1	40	1	22	1	60	1	
21	1.2D + 1.0Di + 1...	Yes	Y	1	1.2	39	1.2	2	1	40	1	23	1	61	1	
22	1.2D + 1.0Di + 1...	Yes	Y	1	1.2	39	1.2	2	1	40	1	24	1	62	1	
23	1.2D + 1.0Di + 1...	Yes	Y	1	1.2	39	1.2	2	1	40	1	25	1	63	1	
24	1.2D + 1.0Di + 1...	Yes	Y	1	1.2	39	1.2	2	1	40	1	26	1	64	1	
25	1.2D + 1.5Lm1 + ...	Yes	Y	1	1.2	39	1.2	77	1.5	27	1	65	1			
26	1.2D + 1.5Lm1 + ...	Yes	Y	1	1.2	39	1.2	77	1.5	28	1	66	1			
27	1.2D + 1.5Lm1 + ...	Yes	Y	1	1.2	39	1.2	77	1.5	29	1	67	1			
28	1.2D + 1.5Lm1 + ...	Yes	Y	1	1.2	39	1.2	77	1.5	30	1	68	1			
29	1.2D + 1.5Lm1 + ...	Yes	Y	1	1.2	39	1.2	77	1.5	31	1	69	1			
30	1.2D + 1.5Lm1 + ...	Yes	Y	1	1.2	39	1.2	77	1.5	32	1	70	1			
31	1.2D + 1.5Lm1 + ...	Yes	Y	1	1.2	39	1.2	77	1.5	33	1	71	1			
32	1.2D + 1.5Lm1 + ...	Yes	Y	1	1.2	39	1.2	77	1.5	34	1	72	1			
33	1.2D + 1.5Lm1 + ...	Yes	Y	1	1.2	39	1.2	77	1.5	35	1	73	1			
34	1.2D + 1.5Lm1 + ...	Yes	Y	1	1.2	39	1.2	77	1.5	36	1	74	1			
35	1.2D + 1.5Lm1 + ...	Yes	Y	1	1.2	39	1.2	77	1.5	37	1	75	1			
36	1.2D + 1.5Lm1 + ...	Yes	Y	1	1.2	39	1.2	77	1.5	38	1	76	1			
37	1.2D + 1.5Lm2 + ...	Yes	Y	1	1.2	39	1.2	78	1.5	27	1	65	1			
38	1.2D + 1.5Lm2 + ...	Yes	Y	1	1.2	39	1.2	78	1.5	28	1	66	1			
39	1.2D + 1.5Lm2 + ...	Yes	Y	1	1.2	39	1.2	78	1.5	29	1	67	1			
40	1.2D + 1.5Lm2 + ...	Yes	Y	1	1.2	39	1.2	78	1.5	30	1	68	1			
41	1.2D + 1.5Lm2 + ...	Yes	Y	1	1.2	39	1.2	78	1.5	31	1	69	1			
42	1.2D + 1.5Lm2 + ...	Yes	Y	1	1.2	39	1.2	78	1.5	32	1	70	1			
43	1.2D + 1.5Lm2 + ...	Yes	Y	1	1.2	39	1.2	78	1.5	33	1	71	1			
44	1.2D + 1.5Lm2 + ...	Yes	Y	1	1.2	39	1.2	78	1.5	34	1	72	1			
45	1.2D + 1.5Lm2 + ...	Yes	Y	1	1.2	39	1.2	78	1.5	35	1	73	1			
46	1.2D + 1.5Lm2 + ...	Yes	Y	1	1.2	39	1.2	78	1.5	36	1	74	1			
47	1.2D + 1.5Lm2 + ...	Yes	Y	1	1.2	39	1.2	78	1.5	37	1	75	1			
48	1.2D + 1.5Lm2 + ...	Yes	Y	1	1.2	39	1.2	78	1.5	38	1	76	1			
49	1.2D + 1.5Lv1	Yes	Y	1	1.2	39	1.2	79	1.5							
50	1.2D + 1.5Lv2	Yes	Y	1	1.2	39	1.2	80	1.5							
51	1.4D	Yes	Y	1	1.4	39	1.4									
52	1.2D + 1.0Ev + 1...		Y	1	1.2	39	1.2	81	1	ELY	1	82	1	83		ELZ 1 ELX
53	1.2D + 1.0Ev + 1...		Y	1	1.2	39	1.2	81	1	ELY	1	82	.866	83	.5	ELZ .866 ELX .5
54	1.2D + 1.0Ev + 1...		Y	1	1.2	39	1.2	81	1	ELY	1	82	.5	83	.866	ELZ .5 ELX .866
55	1.2D + 1.0Ev + 1...		Y	1	1.2	39	1.2	81	1	ELY	1	82		83	1	ELZ ELX 1
56	1.2D + 1.0Ev + 1...		Y	1	1.2	39	1.2	81	1	ELY	1	82	-.5	83	.866	ELZ -.5 ELX .866
57	1.2D + 1.0Ev + 1...		Y	1	1.2	39	1.2	81	1	ELY	1	82	-.866	83	.5	ELZ -.866 ELX .5
58	1.2D + 1.0Ev + 1...		Y	1	1.2	39	1.2	81	1	ELY	1	82	-1	83		ELZ -1 ELX
59	1.2D + 1.0Ev + 1...		Y	1	1.2	39	1.2	81	1	ELY	1	82	-.866	83	-.5	ELZ -.866 ELX -.5
60	1.2D + 1.0Ev + 1...		Y	1	1.2	39	1.2	81	1	ELY	1	82	-.5	83	-.866	ELZ -.5 ELX -.866
61	1.2D + 1.0Ev + 1...		Y	1	1.2	39	1.2	81	1	ELY	1	82		83	-1	ELZ ELX -1
62	1.2D + 1.0Ev + 1...		Y	1	1.2	39	1.2	81	1	ELY	1	82	.5	83	-.866	ELZ .5 ELX -.866
63	1.2D + 1.0Ev + 1...		Y	1	1.2	39	1.2	81	1	ELY	1	82	.866	83	-.5	ELZ .866 ELX -.5
64	0.9D - 1.0Ev + 1...		Y	1	.9	39	.9	81	-1	ELY	-1	82	1	83		ELZ 1 ELX
65	0.9D - 1.0Ev + 1...		Y	1	.9	39	.9	81	-1	ELY	-1	82	.866	83	.5	ELZ .866 ELX .5
66	0.9D - 1.0Ev + 1...		Y	1	.9	39	.9	81	-1	ELY	-1	82	.5	83	.866	ELZ .5 ELX .866
67	0.9D - 1.0Ev + 1...		Y	1	.9	39	.9	81	-1	ELY	-1	82		83	1	ELZ ELX 1
68	0.9D - 1.0Ev + 1...		Y	1	.9	39	.9	81	-1	ELY	-1	82	-.5	83	.866	ELZ -.5 ELX .866
69	0.9D - 1.0Ev + 1...		Y	1	.9	39	.9	81	-1	ELY	-1	82	-.866	83	.5	ELZ -.866 ELX .5
70	0.9D - 1.0Ev + 1...		Y	1	.9	39	.9	81	-1	ELY	-1	82	-1	83		ELZ -1 ELX
71	0.9D - 1.0Ev + 1...		Y	1	.9	39	.9	81	-1	ELY	-1	82	-.866	83	-.5	ELZ -.866 ELX -.5
72	0.9D - 1.0Ev + 1...		Y	1	.9	39	.9	81	-1	ELY	-1	82	-.5	83	-.866	ELZ -.5 ELX -.866
73	0.9D - 1.0Ev + 1...		Y	1	.9	39	.9	81	-1	ELY	-1	82		83	-1	ELZ ELX -1
74	0.9D - 1.0Ev + 1...		Y	1	.9	39	.9	81	-1	ELY	-1	82	.5	83	-.866	ELZ .5 ELX -.866





Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
 1:35 PM  
 Checked By: \_\_\_\_\_

### Load Combinations (Continued)

Description	SolveP...	S...	BLC Fac...	BLC Fac...	BLC Fac...	BLC Fac...	BLC Fac...	BLC Fac...	BLC Fac...	BLC Fac...	BLC Fac...	BLC Fac...						
75	0.9D - 1.0Ev + 1...	Y	1	.9	.39	.9	.81	-1	ELY	-1	.82	.866	.83	-5	ELZ	.866	ELX	-5

### Joint Coordinates and Temperatures

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
1	CP	0	0	0	0	
2	N2	-0.	0	-1.72125	0	
3	N3	-0.	0	-3.804583	0	
4	N4	-0.	0	-2.222053	0	
5	N5	-0.	0	-3.304583	0	
6	N6	-0.416667	0	-2.222053	0	
7	N7	-0.416667	0	-3.304583	0	
8	N8	0.416667	0	-2.222053	0	
9	N9	0.416667	0	-3.304583	0	
10	N10	-0.416667	0	-5.72125	0	
11	N11	0.416667	0	-5.72125	0	
12	N12	-0.	0.208333	-2.222053	0	
13	N13	-0.	0.208333	-3.304583	0	
14	N14	-0.	-0.208333	-2.222053	0	
15	N15	-0.	-0.208333	-3.304583	0	
16	N16	-0.416667	0.208333	-2.222053	0	
17	N17	0.416667	0.208333	-2.222053	0	
18	N18	-0.416667	-0.208333	-2.222053	0	
19	N19	0.416667	-0.208333	-2.222053	0	
20	N20	-0.416667	0.208333	-3.304583	0	
21	N21	0.416667	0.208333	-3.304583	0	
22	N22	-0.416667	-0.208333	-3.304583	0	
23	N23	0.416667	-0.208333	-3.304583	0	
24	N34	-1.041669	0.208333	-2.222053	0	
25	N35	1.041669	0.208333	-2.222053	0	
26	N31	-1.041669	-0.208333	-2.222053	0	
27	N32	1.041669	-0.208333	-2.222053	0	
28	N31A	-0.458333	0.208333	-3.232415	0	
29	N32A	0.458333	0.208333	-3.232415	0	
30	N33	-0.458333	-0.208333	-3.232415	0	
31	N34A	0.458333	-0.208333	-3.232415	0	
32	N35A	-1.000002	0.208333	-2.294221	0	
33	N36	1.000002	0.208333	-2.294221	0	
34	N37	-1.000002	-0.208333	-2.294221	0	
35	N38	1.000002	-0.208333	-2.294221	0	
36	N39	-1.000002	0	-2.294221	0	
37	N40	1.000002	0	-2.294221	0	
38	N41	-0.458333	0	-3.232415	0	
39	N42	0.458333	0	-3.232415	0	
40	N43	-0.708334	0	-2.799402	0	
41	N44	0.708334	0	-2.799402	0	
42	N46A	-2.666376	0	0.327792	0	
43	N47	-0.87355	0	-2.777461	0	
44	N49	2.666376	0	0.327792	0	
45	N50	0.87355	0	-2.777461	0	
46	N51	-1.375003	0	-1.644703	0	
47	N52	1.375003	0	-1.644703	0	
48	N49A	-1.041669	0	-2.222053	0	
49	N50A	1.041669	0	-2.222053	0	
50	N51A	-1.333336	0	-1.716872	0	
51	N52A	1.333336	0	-1.716872	0	



Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
 1:35 PM  
 Checked By: \_\_\_\_\_

**Joint Coordinates and Temperatures (Continued)**

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
52	N57	-0.416667	0	-4.59625	0	
53	N58	0.416667	0	-4.59625	0	
54	N59	-0.	.5	-3.804583	0	
55	N60	-0.	-.5	-3.804583	0	
56	N61	-0.583333	0	-4.59625	0	
57	N62	0.583333	0	-4.59625	0	
58	N63	-0.583333	1	-4.59625	0	
59	N64	0.583333	1	-4.59625	0	
60	N65	-0.583333	1.125	-4.59625	0	
61	N66	0.583333	1.125	-4.59625	0	
62	N67	-2.666667	1.125	-4.59625	0	
63	N68	2.666667	1.125	-4.59625	0	
64	N70	1.156078	0	-2.288107	0	
65	N71	1.447745	0	-1.782926	0	
66	N70A	-1.156078	0	-2.288107	0	
67	N71A	-1.447745	0	-1.782926	0	
68	N71B	-1.490646	0	0.860625	0	
69	N72	-3.294866	0	1.902292	0	
70	N73	-1.924354	0	1.111026	0	
71	N74	-2.861853	0	1.652292	0	
72	N75	-1.716021	0	1.47187	0	
73	N76	-2.65352	0	2.013136	0	
74	N77	-2.132687	0	0.750182	0	
75	N78	-3.070186	0	1.291448	0	
76	N79	-4.746415	0	3.221469	0	
77	N80	-5.163081	0	2.499781	0	
78	N81	-1.924354	0.208333	1.111026	0	
79	N82	-2.861853	0.208333	1.652292	0	
80	N83	-1.924354	-0.208333	1.111026	0	
81	N84	-2.861853	-0.208333	1.652292	0	
82	N85	-1.716021	0.208333	1.47187	0	
83	N86	-2.132687	0.208333	0.750182	0	
84	N87	-1.716021	-0.208333	1.47187	0	
85	N88	-2.132687	-0.208333	0.750182	0	
86	N89	-2.65352	0.208333	2.013136	0	
87	N90	-3.070186	0.208333	1.291448	0	
88	N91	-2.65352	-0.208333	2.013136	0	
89	N92	-3.070186	-0.208333	1.291448	0	
90	N93	-1.40352	0.208333	2.013138	0	
91	N94	-2.445188	0.208333	0.208915	0	
92	N95	-1.40352	-0.208333	2.013138	0	
93	N96	-2.445188	-0.208333	0.208915	0	
94	N97	-2.570186	0.208333	2.013136	0	
95	N98	-3.02852	0.208333	1.219279	0	
96	N99	-2.570186	-0.208333	2.013136	0	
97	N100	-3.02852	-0.208333	1.219279	0	
98	N101	-1.486853	0.208333	2.013136	0	
99	N102	-2.486855	0.208333	0.281084	0	
100	N103	-1.486853	-0.208333	2.013136	0	
101	N104	-2.486855	-0.208333	0.281084	0	
102	N105	-1.486853	0	2.013136	0	
103	N106	-2.486855	0	0.281084	0	
104	N107	-2.570186	0	2.013136	0	
105	N108	-3.02852	0	1.219279	0	
106	N109	-2.070186	0	2.013137	0	
107	N110	-2.778521	0	0.786266	0	
108	N111	1.617064	0	2.145253	0	



Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
 1:35 PM  
 Checked By: \_\_\_\_\_

**Joint Coordinates and Temperatures (Continued)**

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
109	N112	-1.968576	0	2.145247	0	
110	N113	-1.049312	0	-2.473045	0	
111	N114	-2.842127	0	0.632214	0	
112	N115	-0.736853	0	2.013139	0	
113	N116	-2.111856	0	-0.368436	0	
114	N117	-1.40352	0	2.013136	0	
115	N118	-2.445188	0	0.208915	0	
116	N119	-0.820186	0	2.013136	0	
117	N120	-2.153523	0	-0.296267	0	
118	N121	-3.772136	0	2.658969	0	
119	N122	-4.188803	0	1.937281	0	
120	N123	-3.294866	.5	1.902292	0	
121	N124	-3.294866	-.5	1.902292	0	
122	N125	-3.688803	0	2.803306	0	
123	N126	-4.272136	0	1.792944	0	
124	N127	-3.688803	1	2.803306	0	
125	N128	-4.272136	1	1.792944	0	
126	N129	-3.688803	1.125	2.803306	0	
127	N130	-4.272136	1.125	1.792944	0	
128	N131	-2.647136	1.125	4.607526	0	
129	N132	-5.313803	1.125	-0.011276	0	
130	N135	-2.559598	0	0.14286	0	
131	N136	-2.267932	0	-0.362321	0	
132	N137	-1.40352	0	2.145247	0	
133	N138	-0.820186	0	2.145247	0	
134	N140	1.490646	0	0.860625	0	
135	N141	3.294866	0	1.902292	0	
136	N142	1.924354	0	1.111026	0	
137	N143	2.861853	0	1.652292	0	
138	N144	2.132687	0	0.750182	0	
139	N145	3.070186	0	1.291448	0	
140	N146	1.716021	0	1.47187	0	
141	N147	2.65352	0	2.013136	0	
142	N148	5.163081	0	2.499781	0	
143	N149	4.746415	0	3.221469	0	
144	N150	1.924354	0.208333	1.111026	0	
145	N151	2.861853	0.208333	1.652292	0	
146	N152	1.924354	-0.208333	1.111026	0	
147	N153	2.861853	-0.208333	1.652292	0	
148	N154	2.132687	0.208333	0.750182	0	
149	N155	1.716021	0.208333	1.47187	0	
150	N156	2.132687	-0.208333	0.750182	0	
151	N157	1.716021	-0.208333	1.47187	0	
152	N158	3.070186	0.208333	1.291448	0	
153	N159	2.65352	0.208333	2.013136	0	
154	N160	3.070186	-0.208333	1.291448	0	
155	N161	2.65352	-0.208333	2.013136	0	
156	N162	2.445188	0.208333	0.208915	0	
157	N163	1.40352	0.208333	2.013138	0	
158	N164	2.445188	-0.208333	0.208915	0	
159	N165	1.40352	-0.208333	2.013138	0	
160	N166	3.02852	0.208333	1.219279	0	
161	N167	2.570186	0.208333	2.013136	0	
162	N168	3.02852	-0.208333	1.219279	0	
163	N169	2.570186	-0.208333	2.013136	0	
164	N170	2.486855	0.208333	0.281084	0	
165	N171	1.486853	0.208333	2.013136	0	



Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
 1:35 PM  
 Checked By: \_\_\_\_\_

**Joint Coordinates and Temperatures (Continued)**

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
166	N172	2.486855	-0.208333	0.281084	0	
167	N173	1.486853	-0.208333	2.013136	0	
168	N174	2.486855	0	0.281084	0	
169	N175	1.486853	0	2.013136	0	
170	N176	3.02852	0	1.219279	0	
171	N177	2.570186	0	2.013136	0	
172	N178	2.778521	0	0.786266	0	
173	N179	2.070186	0	2.013137	0	
174	N180	1.049312	0	-2.473045	0	
175	N181	2.842127	0	0.632214	0	
176	N182	-1.617064	0	2.145253	0	
177	N183	1.968576	0	2.145247	0	
178	N184	2.111856	0	-0.368436	0	
179	N185	0.736853	0	2.013139	0	
180	N186	2.445188	0	0.208915	0	
181	N187	1.40352	0	2.013136	0	
182	N188	2.153523	0	-0.296267	0	
183	N189	0.820186	0	2.013136	0	
184	N190	4.188803	0	1.937281	0	
185	N191	3.772136	0	2.658969	0	
186	N192	3.294866	.5	1.902292	0	
187	N193	3.294866	-.5	1.902292	0	
188	N194	4.272136	0	1.792944	0	
189	N195	3.688803	0	2.803306	0	
190	N196	4.272136	1	1.792944	0	
191	N197	3.688803	1	2.803306	0	
192	N198	4.272136	1.125	1.792944	0	
193	N199	3.688803	1.125	2.803306	0	
194	N200	5.313803	1.125	-0.011276	0	
195	N201	2.647136	1.125	4.607526	0	
196	N204	1.40352	0	2.145247	0	
197	N205	0.820186	0	2.145247	0	
198	N206	2.559598	0	0.14286	0	
199	N207	2.267932	0	-0.362321	0	
200	N206A	7.249998	1.375	4.424513	0	
201	N207A	-7.250002	1.375	4.424513	0	
202	N202	7.249998	1.375	4.663238	0	
203	N207B	0.206742	1.375	-8.49094	0	
204	N208	7.456741	1.375	4.066427	0	
205	N212	7.249998	1.375	4.185789	0	
206	N214	-7.456741	1.375	4.066427	0	
207	N215	-0.206741	1.375	-8.490941	0	
208	N221	2.455342	1.125	-4.59625	0	
209	N222	-2.455342	1.125	-4.59625	0	
210	N223	-2.752798	1.125	4.424513	0	
211	N224	-5.20814	1.125	0.171737	0	
212	N225	2.752798	1.125	4.424513	0	
213	N226	5.20814	1.125	0.171737	0	
214	N227	2.455342	1.375	-4.59625	0	
215	N228	-2.455342	1.375	-4.59625	0	
216	N229	-2.752798	1.375	4.424513	0	
217	N230	-5.20814	1.375	0.171737	0	
218	N231	2.752798	1.375	4.424513	0	
219	N232	5.20814	1.375	0.171737	0	
220	N231A	7.727448	1.375	4.663238	0	
221	N221A	-7.250002	1.375	4.663238	0	
222	N222A	-7.250001	1.375	4.18579	0	



Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
 1:35 PM  
 Checked By: \_\_\_\_\_

**Joint Coordinates and Temperatures (Continued)**

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
223	N223A	-7.727452	1.375	4.663238	0	
224	N224A	0.413484	1.375	-8.610302	0	
225	N225A	-0.	1.375	-8.371577	0	
226	N226A	0.174759	1.375	-9.023786	0	
227	N227A	7.663484	1.375	3.947066	0	
228	N229A	7.902209	1.375	4.36055	0	
229	N230A	-7.663482	1.375	3.947064	0	
230	N232A	-7.902207	1.375	4.360547	0	
231	N233	-0.413482	1.375	-8.610305	0	
232	N235	-0.174757	1.375	-9.023789	0	
233	N233A	-2.083335	1.375	4.424513	0	
234	N234	4.873408	1.375	-0.408037	0	
235	N235A	-2.790074	1.375	-4.016476	0	
236	N236	2.083332	1.375	4.424513	0	
237	N237	2.790074	1.375	-4.016476	0	
238	N238	-4.873408	1.375	-0.408037	0	
239	N239	7.488723	1.375	4.663238	0	
240	N240	-7.488727	1.375	4.663238	0	
241	N256	0.294121	1.375	-8.817044	0	
242	N257	7.782846	1.375	4.153808	0	
243	N273	-7.782845	1.375	4.153806	0	
244	N274	-0.29412	1.375	-8.817047	0	
245	N245	7.488723	1.375	4.913238	0	
246	N246	-7.488727	1.375	4.913238	0	
247	N247	7.488723	5.375	4.913238	0	
248	N248	-7.488727	5.375	4.913238	0	
249	N249	7.488723	-6.25	4.913238	0	
250	N250	-7.488727	-6.25	4.913238	0	
251	N253	2.647136	5.541667	4.674513	0	
252	N254	2.647136	-1.5625	4.674513	0	
253	N255	-0.000002	1.375	4.424513	0	
254	N256A	-0.000002	1.375	4.674513	0	
255	N257A	-0.000002	5.541667	4.674513	0	
256	N258	-0.000002	-1.5625	4.674513	0	
257	N261	-2.647136	5.541667	4.674513	0	
258	N262	-2.647136	-1.5625	4.674513	0	
259	N266	0.510628	1.375	-8.942044	0	
260	N267	7.999353	1.375	4.028808	0	
261	N268	0.510628	5.375	-8.942044	0	
262	N269	7.999353	5.375	4.028808	0	
263	N270	0.510628	-6.25	-8.942044	0	
264	N271	7.999353	-6.25	4.028808	0	
265	N276	3.831742	1.375	-2.212255	0	
266	N277	4.048248	1.375	-2.337255	0	
267	N278	4.048248	5.541667	-2.337255	0	
268	N279	4.048248	-1.5625	-2.337255	0	
269	N287	-7.999351	1.375	4.028806	0	
270	N288	-0.510626	1.375	-8.942047	0	
271	N289	-7.999351	5.375	4.028806	0	
272	N290	-0.510626	5.375	-8.942047	0	
273	N291	-7.999351	-6.25	4.028806	0	
274	N292	-0.510626	-6.25	-8.942047	0	
275	N297	-3.83174	1.375	-2.212258	0	
276	N298	-4.048247	1.375	-2.337258	0	
277	N299	-4.048247	5.541667	-2.337258	0	
278	N300	-4.048247	-1.5625	-2.337258	0	
279	N299A	7.249998	5.041667	4.424513	0	



Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
 1:35 PM  
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**Joint Coordinates and Temperatures (Continued)**

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
280	N300A	-7.250002	5.041667	4.424513	0	
281	N301A	2.647165	5.041667	4.424513	0	
282	N302A	2.647136	5.041667	4.674513	0	
283	N303A	-0.000002	5.041667	4.424513	0	
284	N304A	-0.000002	5.041667	4.674513	0	
285	N305	-2.647136	5.041667	4.424513	0	
286	N306	-2.647136	5.041667	4.674513	0	
287	N308	0.206742	5.041667	-8.49094	0	
288	N309	7.456742	5.041667	4.066429	0	
289	N312	3.831742	5.041667	-2.212255	0	
290	N313	4.048248	5.041667	-2.337255	0	
291	N317	-7.45674	5.041667	4.066426	0	
292	N318	-0.20674	5.041667	-8.490942	0	
293	N321	-3.83174	5.041667	-2.212258	0	
294	N322	-4.048247	5.041667	-2.337258	0	
295	N323A	7.488723	5.041667	4.913238	0	
296	N324A	-7.488727	5.041667	4.913238	0	
297	N325	7.488723	5.041667	4.424513	0	
298	N326	-7.488727	5.041667	4.424513	0	
299	N330	0.510628	5.041667	-8.942044	0	
300	N331	7.999353	5.041667	4.028808	0	
301	N332	0.087379	5.041667	-8.697681	0	
302	N333	7.576104	5.041667	4.273171	0	
303	N337	-7.999351	5.041667	4.028806	0	
304	N338	-0.510626	5.041667	-8.942047	0	
305	N339	-7.576103	5.041667	4.273168	0	
306	N340	-0.087378	5.041667	-8.697684	0	
307	N335	-6.166668	5.041667	4.424513	0	
308	N336	6.166665	5.041667	4.424513	0	
309	N337A	-6.166668	5.041667	4.299513	0	
310	N338A	6.166665	5.041667	4.299513	0	
311	N340A	6.915075	5.041667	3.128235	0	
312	N341	0.748408	5.041667	-7.552745	0	
313	N342	6.806822	5.041667	3.190735	0	
314	N343	0.640155	5.041667	-7.490245	0	
315	N345	-0.748407	5.041667	-7.552748	0	
316	N346	-6.915074	5.041667	3.128232	0	
317	N347	-0.640154	5.041667	-7.490248	0	
318	N348	-6.80682	5.041667	3.190732	0	
319	N347A	-0.	1.125	-4.59625	0	
320	N348A	-0.	1.125	-4.34625	0	
321	N349	-0.	.625	-4.34625	0	
322	N350	-0.	6.125	-4.34625	0	
323	N357	-1.20674	1.375	-6.758891	0	
324	N352	-2.647136	1.125	4.674513	0	
325	N353	2.647136	1.125	4.674513	0	
326	N341A	2.724679	5.541667	-4.629744	0	
327	N342A	2.724679	-1.5625	-4.629744	0	
328	N343A	5.371815	5.541667	-0.04477	0	
329	N344	5.371815	-1.5625	-0.04477	0	
330	N345A	2.508158	5.041667	-4.504769	0	
331	N346A	2.724679	5.041667	-4.629744	0	
332	N347B	5.155309	5.041667	0.08023	0	
333	N348B	5.371815	5.041667	-0.04477	0	
334	N349A	5.371815	1.125	-0.04477	0	
335	N350A	2.724679	1.125	-4.629744	0	
336	N354	-5.371815	5.541667	-0.04477	0	

### Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
337	N355	-5.371815	-1.5625	-0.04477	0	
338	N356	-2.724679	5.541667	-4.629744	0	
339	N357A	-2.724679	-1.5625	-4.629744	0	
340	N358	-5.155324	5.041667	0.080256	0	
341	N359	-5.371815	5.041667	-0.04477	0	
342	N360	-2.508173	5.041667	-4.504744	0	
343	N361	-2.724679	5.041667	-4.629744	0	
344	N362	-2.724679	1.125	-4.629744	0	
345	N363	-5.371815	1.125	-0.04477	0	
346	N346B	3.499998	5.041667	4.424513	0	
347	N347C	-3.500002	5.041667	4.424513	0	
348	N348C	-1.490646	5.041667	-0.860625	0	
349	N349B	-0.	5.041667	1.72125	0	
350	N350B	1.490646	5.041667	-0.860625	0	
351	N352A	2.081742	5.041667	-5.243344	0	
352	N353A	5.581742	5.041667	0.818834	0	
353	N356A	-5.58174	5.041667	0.818831	0	
354	N357B	-2.08174	5.041667	-5.243347	0	

### Hot Rolled Steel Section Sets

	Label	Shape	Type	Design List	Material	Design R...	A [in2]	Iyy [in4]	Izz [in4]	J [in4]
1	Antenna Pipe	PIPE 2.0	Column	Pipe	A53 Gr. B	Typical	1.02	.627	.627	1.25
2	Standoff	PIPE 3.5	Beam	Pipe	A53 Gr. B	Typical	2.5	4.52	4.52	9.04
3	Cross Member ...	HSS3X3X3	Beam	Tube	A500 Gr. B 46	Typical	1.89	2.46	2.46	4.03
4	TES Main Cha...	C5X9	Beam	Channel	A36 Gr.36	Typical	2.64	.624	8.89	.109
5	TES Side Chan...	C5X9	Beam	Channel	A36 Gr.36	Typical	2.64	.624	8.89	.109
6	Side Angles	L2x2x4	Beam	Single Angle	A36 Gr.36	Typical	.944	.346	.346	.021
7	Face Horizontal	PIPE 2.0	Beam	Pipe	A53 Gr. B	Typical	1.02	.627	.627	1.25
8	TES FH Plates	PL3/8x6	Beam	RECT	A36 Gr.36	Typical	2.25	.026	6.75	.101
9	SO Vertical Pla...	PL3/8x6	Column	RECT	A36 Gr.36	Typical	2.25	.026	6.75	.101
10	Cross Member ...	L2x2x6	Beam	Single Angle	A36 Gr.36	Typical	1.37	.476	.476	.066
11	Standoff Plate	PL1/2x8	Column	RECT	A36 Gr.36	Typical	4	.083	21.333	.32
12	Main Channel	C4X4.5	Beam	Channel	A36 Gr.36	Typical	1.34	.265	3.53	.031
13	Side Channel	C4X2	Beam	Channel	A36 Gr.36	Typical	2.123	.716	4.668	.056
14	FH Plates	PL3/8x5	Beam	RECT	A36 Gr.36	Typical	1.875	.022	3.906	.084
15	Support Rail	PIPE 2.0	Beam	Pipe	A53 Gr. B	Typical	1.02	.627	.627	1.25
16	Support Rail Pl...	PL3/8x6	Beam	RECT	A36 Gr.36	Typical	2.25	.026	6.75	.101
17	Corner Angle	L2.5x2.5x4	Beam	Single Angle	A36 Gr.36	Typical	1.19	.692	.692	.026
18	MOD Bracing	L2.5x2.5x4	Beam	Single Angle	A36 Gr.36	Typical	1.19	.692	.692	.026

### Hot Rolled Steel Properties

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

**Member Primary Data**

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
1	M1	N2	N3			Standoff	Beam	Pipe	A53 Gr. B	Typical
2	M2	N4	N6			RIGID	None	None	RIGID	Typical
3	M3	N4	N8			RIGID	None	None	RIGID	Typical
4	M4	N6	N10		180	Main Channel	Beam	Channel	A36 Gr.36	Typical
5	M5	N8	N11			Main Channel	Beam	Channel	A36 Gr.36	Typical
6	M6	N5	N13			RIGID	None	None	RIGID	Typical
7	M7	N5	N15			RIGID	None	None	RIGID	Typical
8	M8	N4	N12			RIGID	None	None	RIGID	Typical
9	M9	N4	N14			RIGID	None	None	RIGID	Typical
10	M10	N9	N23			RIGID	None	None	RIGID	Typical
11	M11	N9	N21			RIGID	None	None	RIGID	Typical
12	M12	N7	N22			RIGID	None	None	RIGID	Typical
13	M13	N7	N20			RIGID	None	None	RIGID	Typical
14	M14	N6	N16			RIGID	None	None	RIGID	Typical
15	M15	N6	N18			RIGID	None	None	RIGID	Typical
16	M16	N17	N8			RIGID	None	None	RIGID	Typical
17	M17	N8	N19			RIGID	None	None	RIGID	Typical
18	M18	N21	N20		270	Side Angles	Beam	Single Angle	A36 Gr.36	Typical
19	M19	N20	N34			Side Angles	Beam	Single Angle	A36 Gr.36	Typical
20	M20	N21	N35		270	Side Angles	Beam	Single Angle	A36 Gr.36	Typical
21	M21	N35	N34			Side Angles	Beam	Single Angle	A36 Gr.36	Typical
22	M22	N23	N22		90	Side Angles	Beam	Single Angle	A36 Gr.36	Typical
23	M26	N5	N7			RIGID	None	None	RIGID	Typical
24	M27	N5	N9			RIGID	None	None	RIGID	Typical
25	M28	N7	N51		180	Side Channel	Beam	Channel	A36 Gr.36	Typical
26	M29	N9	N52			Side Channel	Beam	Channel	A36 Gr.36	Typical
27	M27A	N22	N31		90	Side Angles	Beam	Single Angle	A36 Gr.36	Typical
28	M28A	N23	N32		180	Side Angles	Beam	Single Angle	A36 Gr.36	Typical
29	M29A	N32	N31		90	Side Angles	Beam	Single Angle	A36 Gr.36	Typical
30	M30	N42	N32A			RIGID	None	None	RIGID	Typical
31	M31	N42	N34A			RIGID	None	None	RIGID	Typical
32	M32	N40	N36			RIGID	None	None	RIGID	Typical
33	M33	N40	N38			RIGID	None	None	RIGID	Typical
34	M34	N41	N31A			RIGID	None	None	RIGID	Typical
35	M35	N41	N33			RIGID	None	None	RIGID	Typical
36	M36	N39	N35A			RIGID	None	None	RIGID	Typical
37	M37	N39	N37			RIGID	None	None	RIGID	Typical
38	M40A	N49A	N70A			RIGID	None	None	RIGID	Typical
39	M41A	N51A	N71A			RIGID	None	None	RIGID	Typical
40	M42	N50A	N70			RIGID	None	None	RIGID	Typical
41	M43	N52A	N71			RIGID	None	None	RIGID	Typical
42	M44	N60	N59			Standoff Plate	Column	RECT	A36 Gr.36	Typical
43	M45	N57	N61			RIGID	None	None	RIGID	Typical
44	M46	N58	N62			RIGID	None	None	RIGID	Typical
45	M47	N61	N63		90	Standoff Plate	Column	RECT	A36 Gr.36	Typical
46	M48	N62	N64		90	Standoff Plate	Column	RECT	A36 Gr.36	Typical
47	M49	N63	N65			RIGID	None	None	RIGID	Typical
48	M50	N64	N66			RIGID	None	None	RIGID	Typical
49	M51	N68	N67			Cross Member...	Beam	Tube	A500 Gr. ...	Typical
50	M52	N71B	N72			Standoff	Beam	Pipe	A53 Gr. B	Typical
51	M53	N73	N75			RIGID	None	None	RIGID	Typical
52	M54	N73	N77			RIGID	None	None	RIGID	Typical
53	M55	N75	N79		180	Main Channel	Beam	Channel	A36 Gr.36	Typical
54	M56	N77	N80			Main Channel	Beam	Channel	A36 Gr.36	Typical
55	M57	N74	N82			RIGID	None	None	RIGID	Typical
56	M58	N74	N84			RIGID	None	None	RIGID	Typical
57	M59	N73	N81			RIGID	None	None	RIGID	Typical



**Member Primary Data (Continued)**

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
58	M60	N73	N83			RIGID	None	None	RIGID	Typical
59	M61	N78	N92			RIGID	None	None	RIGID	Typical
60	M62	N78	N90			RIGID	None	None	RIGID	Typical
61	M63	N76	N91			RIGID	None	None	RIGID	Typical
62	M64	N76	N89			RIGID	None	None	RIGID	Typical
63	M65	N75	N85			RIGID	None	None	RIGID	Typical
64	M66	N75	N87			RIGID	None	None	RIGID	Typical
65	M67	N86	N77			RIGID	None	None	RIGID	Typical
66	M68	N77	N88			RIGID	None	None	RIGID	Typical
67	M69	N90	N89		270	Side Angles	Beam	Single Angle	A36 Gr.36	Typical
68	M70	N89	N93			Side Angles	Beam	Single Angle	A36 Gr.36	Typical
69	M71	N90	N94		270	Side Angles	Beam	Single Angle	A36 Gr.36	Typical
70	M72	N94	N93			Side Angles	Beam	Single Angle	A36 Gr.36	Typical
71	M73	N92	N91		90	Side Angles	Beam	Single Angle	A36 Gr.36	Typical
72	M74	N74	N76			RIGID	None	None	RIGID	Typical
73	M75	N74	N78			RIGID	None	None	RIGID	Typical
74	M76	N76	N115		180	Side Channel	Beam	Channel	A36 Gr.36	Typical
75	M77	N78	N116			Side Channel	Beam	Channel	A36 Gr.36	Typical
76	M78	N91	N95		90	Side Angles	Beam	Single Angle	A36 Gr.36	Typical
77	M79	N92	N96		180	Side Angles	Beam	Single Angle	A36 Gr.36	Typical
78	M80	N96	N95		90	Side Angles	Beam	Single Angle	A36 Gr.36	Typical
79	M81	N108	N98			RIGID	None	None	RIGID	Typical
80	M82	N108	N100			RIGID	None	None	RIGID	Typical
81	M83	N106	N102			RIGID	None	None	RIGID	Typical
82	M84	N106	N104			RIGID	None	None	RIGID	Typical
83	M85	N107	N97			RIGID	None	None	RIGID	Typical
84	M86	N107	N99			RIGID	None	None	RIGID	Typical
85	M87	N105	N101			RIGID	None	None	RIGID	Typical
86	M88	N105	N103			RIGID	None	None	RIGID	Typical
87	M91	N117	N137			RIGID	None	None	RIGID	Typical
88	M92	N119	N138			RIGID	None	None	RIGID	Typical
89	M93	N118	N135			RIGID	None	None	RIGID	Typical
90	M94	N120	N136			RIGID	None	None	RIGID	Typical
91	M95	N124	N123		120	Standoff Plate	Column	RECT	A36 Gr.36	Typical
92	M96	N121	N125			RIGID	None	None	RIGID	Typical
93	M97	N122	N126			RIGID	None	None	RIGID	Typical
94	M98	N125	N127		210	Standoff Plate	Column	RECT	A36 Gr.36	Typical
95	M99	N126	N128		210	Standoff Plate	Column	RECT	A36 Gr.36	Typical
96	M100	N127	N129			RIGID	None	None	RIGID	Typical
97	M101	N128	N130			RIGID	None	None	RIGID	Typical
98	M102	N132	N131			Cross Member...	Beam	Tube	A500 Gr. ...	Typical
99	M103	N140	N141			Standoff	Beam	Pipe	A53 Gr. B	Typical
100	M104	N142	N144			RIGID	None	None	RIGID	Typical
101	M105	N142	N146			RIGID	None	None	RIGID	Typical
102	M106	N144	N148		180	Main Channel	Beam	Channel	A36 Gr.36	Typical
103	M107	N146	N149			Main Channel	Beam	Channel	A36 Gr.36	Typical
104	M108	N143	N151			RIGID	None	None	RIGID	Typical
105	M109	N143	N153			RIGID	None	None	RIGID	Typical
106	M110	N142	N150			RIGID	None	None	RIGID	Typical
107	M111	N142	N152			RIGID	None	None	RIGID	Typical
108	M112	N147	N161			RIGID	None	None	RIGID	Typical
109	M113	N147	N159			RIGID	None	None	RIGID	Typical
110	M114	N145	N160			RIGID	None	None	RIGID	Typical
111	M115	N145	N158			RIGID	None	None	RIGID	Typical
112	M116	N144	N154			RIGID	None	None	RIGID	Typical
113	M117	N144	N156			RIGID	None	None	RIGID	Typical
114	M118	N155	N146			RIGID	None	None	RIGID	Typical



Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
 1:35 PM  
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**Member Primary Data (Continued)**

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
115	M119	N146	N157			RIGID	None	None	RIGID	Typical
116	M120	N159	N158		270	Side Angles	Beam	Single Angle	A36 Gr.36	Typical
117	M121	N158	N162			Side Angles	Beam	Single Angle	A36 Gr.36	Typical
118	M122	N159	N163		270	Side Angles	Beam	Single Angle	A36 Gr.36	Typical
119	M123	N163	N162			Side Angles	Beam	Single Angle	A36 Gr.36	Typical
120	M124	N161	N160		90	Side Angles	Beam	Single Angle	A36 Gr.36	Typical
121	M125	N143	N145			RIGID	None	None	RIGID	Typical
122	M126	N143	N147			RIGID	None	None	RIGID	Typical
123	M127	N145	N184		180	Side Channel	Beam	Channel	A36 Gr.36	Typical
124	M128	N147	N185			Side Channel	Beam	Channel	A36 Gr.36	Typical
125	M129	N160	N164		90	Side Angles	Beam	Single Angle	A36 Gr.36	Typical
126	M130	N161	N165		180	Side Angles	Beam	Single Angle	A36 Gr.36	Typical
127	M131	N165	N164		90	Side Angles	Beam	Single Angle	A36 Gr.36	Typical
128	M132	N177	N167			RIGID	None	None	RIGID	Typical
129	M133	N177	N169			RIGID	None	None	RIGID	Typical
130	M134	N175	N171			RIGID	None	None	RIGID	Typical
131	M135	N175	N173			RIGID	None	None	RIGID	Typical
132	M136	N176	N166			RIGID	None	None	RIGID	Typical
133	M137	N176	N168			RIGID	None	None	RIGID	Typical
134	M138	N174	N170			RIGID	None	None	RIGID	Typical
135	M139	N174	N172			RIGID	None	None	RIGID	Typical
136	M142	N186	N206			RIGID	None	None	RIGID	Typical
137	M143	N188	N207			RIGID	None	None	RIGID	Typical
138	M144	N187	N204			RIGID	None	None	RIGID	Typical
139	M145	N189	N205			RIGID	None	None	RIGID	Typical
140	M146	N193	N192		60	Standoff Plate	Column	RECT	A36 Gr.36	Typical
141	M147	N190	N194			RIGID	None	None	RIGID	Typical
142	M148	N191	N195			RIGID	None	None	RIGID	Typical
143	M149	N194	N196		150	Standoff Plate	Column	RECT	A36 Gr.36	Typical
144	M150	N195	N197		150	Standoff Plate	Column	RECT	A36 Gr.36	Typical
145	M151	N196	N198			RIGID	None	None	RIGID	Typical
146	M152	N197	N199			RIGID	None	None	RIGID	Typical
147	M153	N201	N200			Cross Member...	Beam	Tube	A500 Gr. ...	Typical
148	M148A	N112	N183			Side Channel	Beam	Channel	A36 Gr.36	Typical
149	M149A	N181	N50			Side Channel	Beam	Channel	A36 Gr.36	Typical
150	M150A	N47	N114			Side Channel	Beam	Channel	A36 Gr.36	Typical
151	M151A	N207A	N233A			Face Horizontal	Beam	Pipe	A53 Gr. B	Typical
152	M152A	N202	N212			FH Plates	Beam	RECT	A36 Gr.36	Typical
153	M154	N208	N234			Face Horizontal	Beam	Pipe	A53 Gr. B	Typical
154	M157	N215	N235A			Face Horizontal	Beam	Pipe	A53 Gr. B	Typical
155	M160	N225	N231			RIGID	None	None	RIGID	Typical
156	M161	N223	N229			RIGID	None	None	RIGID	Typical
157	M162	N224	N230			RIGID	None	None	RIGID	Typical
158	M163	N222	N228			RIGID	None	None	RIGID	Typical
159	M164	N221	N227			RIGID	None	None	RIGID	Typical
160	M165	N226	N232			RIGID	None	None	RIGID	Typical
161	M166	N202	N231A			FH Plates	Beam	RECT	A36 Gr.36	Typical
162	M162A	N221A	N222A			FH Plates	Beam	RECT	A36 Gr.36	Typical
163	M163A	N221A	N223A			FH Plates	Beam	RECT	A36 Gr.36	Typical
164	M164A	N224A	N225A			FH Plates	Beam	RECT	A36 Gr.36	Typical
165	M165A	N224A	N226A			FH Plates	Beam	RECT	A36 Gr.36	Typical
166	M166A	N227A	N212			FH Plates	Beam	RECT	A36 Gr.36	Typical
167	M167	N227A	N229A			FH Plates	Beam	RECT	A36 Gr.36	Typical
168	M168	N230A	N222A			FH Plates	Beam	RECT	A36 Gr.36	Typical
169	M169	N230A	N232A			FH Plates	Beam	RECT	A36 Gr.36	Typical
170	M170	N233	N225A			FH Plates	Beam	RECT	A36 Gr.36	Typical
171	M171	N233	N235			FH Plates	Beam	RECT	A36 Gr.36	Typical



Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
 1:35 PM  
 Checked By: \_\_\_\_\_

**Member Primary Data (Continued)**

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
172	M172	N233A	N236			Face Horizontal	Beam	Pipe	A53 Gr. B	Typical
173	M173	N234	N237			Face Horizontal	Beam	Pipe	A53 Gr. B	Typical
174	M174	N235A	N238			Face Horizontal	Beam	Pipe	A53 Gr. B	Typical
175	M175	N236	N206A			Face Horizontal	Beam	Pipe	A53 Gr. B	Typical
176	M176	N237	N207B			Face Horizontal	Beam	Pipe	A53 Gr. B	Typical
177	M177	N238	N214			Face Horizontal	Beam	Pipe	A53 Gr. B	Typical
178	M178	N240	N246			RIGID	None	None	RIGID	Typical
179	M179	N239	N245			RIGID	None	None	RIGID	Typical
180	MP5A	N248	N250			Antenna Pipe	Column	Pipe	A53 Gr. B	Typical
181	MP1A	N247	N249			Antenna Pipe	Column	Pipe	A53 Gr. B	Typical
182	MP2A	N253	N254			Antenna Pipe	Column	Pipe	A53 Gr. B	Typical
183	M184	N255	N256A			RIGID	None	None	RIGID	Typical
184	MP3A	N257A	N258			Antenna Pipe	Column	Pipe	A53 Gr. B	Typical
185	MP4A	N261	N262			Antenna Pipe	Column	Pipe	A53 Gr. B	Typical
186	M188	N257	N267			RIGID	None	None	RIGID	Typical
187	M189	N256	N266			RIGID	None	None	RIGID	Typical
188	MP5C	N269	N271			Antenna Pipe	Column	Pipe	A53 Gr. B	Typical
189	MP1C	N268	N270			Antenna Pipe	Column	Pipe	A53 Gr. B	Typical
190	M194	N276	N277			RIGID	None	None	RIGID	Typical
191	MP3C	N278	N279			Antenna Pipe	Column	Pipe	A53 Gr. B	Typical
192	M198	N274	N288			RIGID	None	None	RIGID	Typical
193	M199	N273	N287			RIGID	None	None	RIGID	Typical
194	MP5B	N290	N292			Antenna Pipe	Column	Pipe	A53 Gr. B	Typical
195	MP1B	N289	N291			Antenna Pipe	Column	Pipe	A53 Gr. B	Typical
196	M204	N297	N298			RIGID	None	None	RIGID	Typical
197	MP3B	N299	N300			Antenna Pipe	Column	Pipe	A53 Gr. B	Typical
198	M208	N301A	N302A			RIGID	None	None	RIGID	Typical
199	M209	N303A	N304A			RIGID	None	None	RIGID	Typical
200	M210	N305	N306			RIGID	None	None	RIGID	Typical
201	M211	N300A	N299A			Support Rail	Beam	Pipe	A53 Gr. B	Typical
202	M213	N312	N313			RIGID	None	None	RIGID	Typical
203	M215	N309	N308			Support Rail	Beam	Pipe	A53 Gr. B	Typical
204	M217	N321	N322			RIGID	None	None	RIGID	Typical
205	M219	N318	N317			Support Rail	Beam	Pipe	A53 Gr. B	Typical
206	M220	N326	N324A			RIGID	None	None	RIGID	Typical
207	M221	N325	N323A			RIGID	None	None	RIGID	Typical
208	M222	N300A	N326			Support Rail Pl...	Beam	RECT	A36 Gr.36	Typical
209	M223	N299A	N325			Support Rail Pl...	Beam	RECT	A36 Gr.36	Typical
210	M224	N333	N331			RIGID	None	None	RIGID	Typical
211	M225	N332	N330			RIGID	None	None	RIGID	Typical
212	M226	N309	N333			Support Rail Pl...	Beam	RECT	A36 Gr.36	Typical
213	M227	N308	N332			Support Rail Pl...	Beam	RECT	A36 Gr.36	Typical
214	M228	N340	N338			RIGID	None	None	RIGID	Typical
215	M229	N339	N337			RIGID	None	None	RIGID	Typical
216	M230	N318	N340			Support Rail Pl...	Beam	RECT	A36 Gr.36	Typical
217	M231	N317	N339			Support Rail Pl...	Beam	RECT	A36 Gr.36	Typical
218	M232	N337A	N335			RIGID	None	None	RIGID	Typical
219	M233	N338A	N336			RIGID	None	None	RIGID	Typical
220	M234	N342	N340A			RIGID	None	None	RIGID	Typical
221	M235	N343	N341			RIGID	None	None	RIGID	Typical
222	M236	N347	N345			RIGID	None	None	RIGID	Typical
223	M237	N348	N346			RIGID	None	None	RIGID	Typical
224	M238	N337A	N348		180	Corner Angle	Beam	Single Angle	A36 Gr.36	Typical
225	M239	N342	N338A		180	Corner Angle	Beam	Single Angle	A36 Gr.36	Typical
226	M240	N347	N343		180	Corner Angle	Beam	Single Angle	A36 Gr.36	Typical
227	M241	N347A	N348A			RIGID	None	None	RIGID	Typical
228	OVP	N350	N349			Antenna Pipe	Column	Pipe	A53 Gr. B	Typical



Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
 1:35 PM  
 Checked By: \_\_\_\_\_

**Member Primary Data (Continued)**

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
229	M243	N131	N352			RIGID	None	None	RIGID	Typical
230	M244	N201	N353			RIGID	None	None	RIGID	Typical
231	MP2C	N341A	N342A			Antenna Pipe	Column	Pipe	A53 Gr. B	Typical
232	MP4C	N343A	N344			Antenna Pipe	Column	Pipe	A53 Gr. B	Typical
233	M239A	N345A	N346A			RIGID	None	None	RIGID	Typical
234	M240A	N347B	N348B			RIGID	None	None	RIGID	Typical
235	M241A	N200	N349A			RIGID	None	None	RIGID	Typical
236	M242	N68	N350A			RIGID	None	None	RIGID	Typical
237	MP2B	N354	N355			Antenna Pipe	Column	Pipe	A53 Gr. B	Typical
238	MP4B	N356	N357A			Antenna Pipe	Column	Pipe	A53 Gr. B	Typical
239	M245	N358	N359			RIGID	None	None	RIGID	Typical
240	M246	N360	N361			RIGID	None	None	RIGID	Typical
241	M247	N67	N362			RIGID	None	None	RIGID	Typical
242	M248	N132	N363			RIGID	None	None	RIGID	Typical
243	M243A	N347C	N349B			MOD Bracing	Beam	Single Angle	A36 Gr.36	Typical
244	M244A	N346B	N349B		270	MOD Bracing	Beam	Single Angle	A36 Gr.36	Typical
245	M245A	N353A	N350B			MOD Bracing	Beam	Single Angle	A36 Gr.36	Typical
246	M246A	N352A	N350B		270	MOD Bracing	Beam	Single Angle	A36 Gr.36	Typical
247	M247A	N357B	N348C			MOD Bracing	Beam	Single Angle	A36 Gr.36	Typical
248	M248A	N356A	N348C		270	MOD Bracing	Beam	Single Angle	A36 Gr.36	Typical

**Member Advanced Data**

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
1	M1						Yes				None
2	M2						Yes	** NA **			None
3	M3						Yes	** NA **			None
4	M4						Yes				None
5	M5						Yes				None
6	M6						Yes	** NA **			None
7	M7						Yes	** NA **			None
8	M8						Yes	** NA **			None
9	M9						Yes	** NA **			None
10	M10						Yes	** NA **			None
11	M11						Yes	** NA **			None
12	M12						Yes	** NA **			None
13	M13						Yes	** NA **			None
14	M14						Yes	** NA **			None
15	M15						Yes	** NA **			None
16	M16						Yes	** NA **			None
17	M17						Yes	** NA **			None
18	M18						Yes				None
19	M19						Yes				None
20	M20						Yes				None
21	M21						Yes				None
22	M22						Yes				None
23	M26						Yes	** NA **			None
24	M27						Yes	** NA **			None
25	M28						Yes				None
26	M29						Yes				None
27	M27A						Yes				None
28	M28A						Yes				None
29	M29A						Yes				None
30	M30						Yes	** NA **			None
31	M31						Yes	** NA **			None
32	M32						Yes	** NA **			None

**Member Advanced Data (Continued)**

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat..	Analysis ...	Inactive	Seismic..
33	M33						Yes	** NA **			None
34	M34						Yes	** NA **			None
35	M35						Yes	** NA **			None
36	M36						Yes	** NA **			None
37	M37						Yes	** NA **			None
38	M40A						Yes	** NA **			None
39	M41A						Yes	** NA **			None
40	M42						Yes	** NA **			None
41	M43						Yes	** NA **			None
42	M44						Yes	** NA **			None
43	M45						Yes	** NA **			None
44	M46						Yes	** NA **			None
45	M47						Yes	** NA **			None
46	M48						Yes	** NA **			None
47	M49						Yes	** NA **			None
48	M50						Yes	** NA **			None
49	M51						Yes				None
50	M52						Yes				None
51	M53						Yes	** NA **			None
52	M54						Yes	** NA **			None
53	M55						Yes				None
54	M56						Yes				None
55	M57						Yes	** NA **			None
56	M58						Yes	** NA **			None
57	M59						Yes	** NA **			None
58	M60						Yes	** NA **			None
59	M61						Yes	** NA **			None
60	M62						Yes	** NA **			None
61	M63						Yes	** NA **			None
62	M64						Yes	** NA **			None
63	M65						Yes	** NA **			None
64	M66						Yes	** NA **			None
65	M67						Yes	** NA **			None
66	M68						Yes	** NA **			None
67	M69						Yes				None
68	M70						Yes				None
69	M71						Yes				None
70	M72						Yes				None
71	M73						Yes				None
72	M74						Yes	** NA **			None
73	M75						Yes	** NA **			None
74	M76						Yes				None
75	M77						Yes				None
76	M78						Yes				None
77	M79						Yes				None
78	M80						Yes				None
79	M81						Yes	** NA **			None
80	M82						Yes	** NA **			None
81	M83						Yes	** NA **			None
82	M84						Yes	** NA **			None
83	M85						Yes	** NA **			None
84	M86						Yes	** NA **			None
85	M87						Yes	** NA **			None
86	M88						Yes	** NA **			None
87	M91						Yes	** NA **			None
88	M92						Yes	** NA **			None
89	M93						Yes	** NA **			None

**Member Advanced Data (Continued)**

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat..	Analysis ...	Inactive	Seismic..
90	M94						Yes	** NA **			None
91	M95						Yes	** NA **			None
92	M96						Yes	** NA **			None
93	M97						Yes	** NA **			None
94	M98						Yes	** NA **			None
95	M99						Yes	** NA **			None
96	M100						Yes	** NA **			None
97	M101						Yes	** NA **			None
98	M102						Yes				None
99	M103						Yes				None
100	M104						Yes	** NA **			None
101	M105						Yes	** NA **			None
102	M106						Yes				None
103	M107						Yes				None
104	M108						Yes	** NA **			None
105	M109						Yes	** NA **			None
106	M110						Yes	** NA **			None
107	M111						Yes	** NA **			None
108	M112						Yes	** NA **			None
109	M113						Yes	** NA **			None
110	M114						Yes	** NA **			None
111	M115						Yes	** NA **			None
112	M116						Yes	** NA **			None
113	M117						Yes	** NA **			None
114	M118						Yes	** NA **			None
115	M119						Yes	** NA **			None
116	M120						Yes				None
117	M121						Yes				None
118	M122						Yes				None
119	M123						Yes				None
120	M124						Yes				None
121	M125						Yes	** NA **			None
122	M126						Yes	** NA **			None
123	M127						Yes				None
124	M128						Yes				None
125	M129						Yes				None
126	M130						Yes				None
127	M131						Yes				None
128	M132						Yes	** NA **			None
129	M133						Yes	** NA **			None
130	M134						Yes	** NA **			None
131	M135						Yes	** NA **			None
132	M136						Yes	** NA **			None
133	M137						Yes	** NA **			None
134	M138						Yes	** NA **			None
135	M139						Yes	** NA **			None
136	M142						Yes	** NA **			None
137	M143						Yes	** NA **			None
138	M144						Yes	** NA **			None
139	M145						Yes	** NA **			None
140	M146						Yes	** NA **			None
141	M147						Yes	** NA **			None
142	M148						Yes	** NA **			None
143	M149						Yes	** NA **			None
144	M150						Yes	** NA **			None
145	M151						Yes	** NA **			None
146	M152						Yes	** NA **			None

**Member Advanced Data (Continued)**

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat..	Analysis ...	Inactive	Seismic..
147	M153						Yes				None
148	M148A						Yes				None
149	M149A						Yes				None
150	M150A						Yes				None
151	M151A						Yes				None
152	M152A						Yes				None
153	M154						Yes				None
154	M157						Yes				None
155	M160						Yes	** NA **			None
156	M161						Yes	** NA **			None
157	M162						Yes	** NA **			None
158	M163						Yes	** NA **			None
159	M164						Yes	** NA **			None
160	M165						Yes	** NA **			None
161	M166						Yes				None
162	M162A						Yes				None
163	M163A						Yes				None
164	M164A						Yes				None
165	M165A						Yes				None
166	M166A						Yes				None
167	M167						Yes				None
168	M168						Yes				None
169	M169						Yes				None
170	M170						Yes				None
171	M171						Yes				None
172	M172						Yes				None
173	M173						Yes				None
174	M174						Yes				None
175	M175						Yes				None
176	M176						Yes				None
177	M177						Yes				None
178	M178						Yes	** NA **			None
179	M179						Yes	** NA **			None
180	MP5A						Yes	** NA **			None
181	MP1A						Yes	** NA **			None
182	MP2A						Yes	** NA **			None
183	M184						Yes	** NA **			None
184	MP3A						Yes	** NA **			None
185	MP4A						Yes	** NA **			None
186	M188						Yes	** NA **			None
187	M189						Yes	** NA **			None
188	MP5C						Yes	** NA **			None
189	MP1C						Yes	** NA **			None
190	M194						Yes	** NA **			None
191	MP3C						Yes	** NA **			None
192	M198						Yes	** NA **			None
193	M199						Yes	** NA **			None
194	MP5B						Yes	** NA **			None
195	MP1B						Yes	** NA **			None
196	M204						Yes	** NA **			None
197	MP3B						Yes	** NA **			None
198	M208						Yes	** NA **			None
199	M209						Yes	** NA **			None
200	M210						Yes	** NA **			None
201	M211						Yes				None
202	M213						Yes	** NA **			None
203	M215						Yes				None

**Member Advanced Data (Continued)**

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
204	M217						Yes	** NA **			None
205	M219						Yes				None
206	M220						Yes	** NA **			None
207	M221						Yes	** NA **			None
208	M222						Yes				None
209	M223						Yes				None
210	M224						Yes	** NA **			None
211	M225						Yes	** NA **			None
212	M226						Yes				None
213	M227						Yes				None
214	M228						Yes	** NA **			None
215	M229						Yes	** NA **			None
216	M230						Yes				None
217	M231						Yes				None
218	M232		000000				Yes	** NA **			None
219	M233		000000				Yes	** NA **			None
220	M234		000000				Yes	** NA **			None
221	M235		000000				Yes	** NA **			None
222	M236		000000				Yes	** NA **			None
223	M237		000000				Yes	** NA **			None
224	M238						Yes	Default			None
225	M239						Yes	Default			None
226	M240						Yes	Default			None
227	M241						Yes	** NA **			None
228	OVP						Yes	** NA **			None
229	M243						Yes	** NA **			None
230	M244						Yes	** NA **			None
231	MP2C						Yes	** NA **			None
232	MP4C						Yes	** NA **			None
233	M239A						Yes	** NA **			None
234	M240A						Yes	** NA **			None
235	M241A						Yes	** NA **			None
236	M242						Yes	** NA **			None
237	MP2B						Yes	** NA **			None
238	MP4B						Yes	** NA **			None
239	M245						Yes	** NA **			None
240	M246						Yes	** NA **			None
241	M247						Yes	** NA **			None
242	M248						Yes	** NA **			None
243	M243A	BenPIN	BenPIN				Yes				None
244	M244A	BenPIN	BenPIN				Yes				None
245	M245A	BenPIN	BenPIN				Yes				None
246	M246A	BenPIN	BenPIN				Yes				None
247	M247A	BenPIN	BenPIN				Yes				None
248	M248A	BenPIN	BenPIN				Yes				None

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP4A	Y	-43.55	1.5
2	MP4A	My	-.022	1.5
3	MP4A	Mz	0	1.5
4	MP4A	Y	-43.55	3.5
5	MP4A	My	-.022	3.5
6	MP4A	Mz	0	3.5
7	MP4B	Y	-43.55	1.5





Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
 1:35 PM  
 Checked By: \_\_\_\_\_

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
8	MP4B	My	.011	1.5
9	MP4B	Mz	-.019	1.5
10	MP4B	Y	-43.55	3.5
11	MP4B	My	.011	3.5
12	MP4B	Mz	-.019	3.5
13	MP4C	Y	-43.55	1.5
14	MP4C	My	.011	1.5
15	MP4C	Mz	.019	1.5
16	MP4C	Y	-43.55	3.5
17	MP4C	My	.011	3.5
18	MP4C	Mz	.019	3.5
19	MP2A	Y	-74.7	2
20	MP2A	My	.037	2
21	MP2A	Mz	0	2
22	MP2B	Y	-74.7	2
23	MP2B	My	-.019	2
24	MP2B	Mz	.032	2
25	MP2C	Y	-74.7	2
26	MP2C	My	-.019	2
27	MP2C	Mz	-.032	2
28	MP3A	Y	-70.3	2
29	MP3A	My	.035	2
30	MP3A	Mz	0	2
31	MP3B	Y	-70.3	2
32	MP3B	My	-.018	2
33	MP3B	Mz	.03	2
34	MP3C	Y	-70.3	2
35	MP3C	My	-.018	2
36	MP3C	Mz	-.03	2
37	MP1A	Y	-10.5	.25
38	MP1A	My	-.005	.25
39	MP1A	Mz	0	.25
40	MP1A	Y	-10.5	4.75
41	MP1A	My	-.005	4.75
42	MP1A	Mz	0	4.75
43	MP1B	Y	-10.5	.25
44	MP1B	My	.003	.25
45	MP1B	Mz	-.005	.25
46	MP1B	Y	-10.5	4.75
47	MP1B	My	.003	4.75
48	MP1B	Mz	-.005	4.75
49	MP1C	Y	-10.5	.25
50	MP1C	My	.003	.25
51	MP1C	Mz	.005	.25
52	MP1C	Y	-10.5	4.75
53	MP1C	My	.003	4.75
54	MP1C	Mz	.005	4.75
55	MP5A	Y	-10.5	.25
56	MP5A	My	-.005	.25
57	MP5A	Mz	0	.25
58	MP5A	Y	-10.5	4.75
59	MP5A	My	-.005	4.75
60	MP5A	Mz	0	4.75
61	MP5B	Y	-10.5	.25
62	MP5B	My	.003	.25
63	MP5B	Mz	-.005	.25
64	MP5B	Y	-10.5	4.75

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
65	MP5B	My	.003	4.75
66	MP5B	Mz	-.005	4.75
67	MP5C	Y	-10.5	.25
68	MP5C	My	.003	.25
69	MP5C	Mz	.005	.25
70	MP5C	Y	-10.5	4.75
71	MP5C	My	.003	4.75
72	MP5C	Mz	.005	4.75
73	MP3A	Y	-21.85	.25
74	MP3A	My	-.011	.25
75	MP3A	Mz	.013	.25
76	MP3A	Y	-21.85	4.75
77	MP3A	My	-.011	4.75
78	MP3A	Mz	.013	4.75
79	MP3B	Y	-21.85	.25
80	MP3B	My	-.006	.25
81	MP3B	Mz	-.016	.25
82	MP3B	Y	-21.85	4.75
83	MP3B	My	-.006	4.75
84	MP3B	Mz	-.016	4.75
85	MP3C	Y	-21.85	.25
86	MP3C	My	.017	.25
87	MP3C	Mz	.003	.25
88	MP3C	Y	-21.85	4.75
89	MP3C	My	.017	4.75
90	MP3C	Mz	.003	4.75
91	MP3A	Y	-21.85	.25
92	MP3A	My	-.011	.25
93	MP3A	Mz	-.013	.25
94	MP3A	Y	-21.85	4.75
95	MP3A	My	-.011	4.75
96	MP3A	Mz	-.013	4.75
97	MP3B	Y	-21.85	.25
98	MP3B	My	.017	.25
99	MP3B	Mz	-.003	.25
100	MP3B	Y	-21.85	4.75
101	MP3B	My	.017	4.75
102	MP3B	Mz	-.003	4.75
103	MP3C	Y	-21.85	.25
104	MP3C	My	-.006	.25
105	MP3C	Mz	.016	.25
106	MP3C	Y	-21.85	4.75
107	MP3C	My	-.006	4.75
108	MP3C	Mz	.016	4.75
109	OVP	Y	-32	2.5
110	OVP	My	0	2.5
111	OVP	Mz	0	2.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP4A	Y	-36.287	1.5
2	MP4A	My	-.018	1.5
3	MP4A	Mz	0	1.5
4	MP4A	Y	-36.287	3.5
5	MP4A	My	-.018	3.5
6	MP4A	Mz	0	3.5



Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
 1:35 PM  
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**Member Point Loads (BLC 2 : Antenna Di) (Continued)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
7	MP4B	Y	-36.287	1.5
8	MP4B	My	.009	1.5
9	MP4B	Mz	-.016	1.5
10	MP4B	Y	-36.287	3.5
11	MP4B	My	.009	3.5
12	MP4B	Mz	-.016	3.5
13	MP4C	Y	-36.287	1.5
14	MP4C	My	.009	1.5
15	MP4C	Mz	.016	1.5
16	MP4C	Y	-36.287	3.5
17	MP4C	My	.009	3.5
18	MP4C	Mz	.016	3.5
19	MP2A	Y	-45.761	2
20	MP2A	My	.023	2
21	MP2A	Mz	0	2
22	MP2B	Y	-45.761	2
23	MP2B	My	-.011	2
24	MP2B	Mz	.02	2
25	MP2C	Y	-45.761	2
26	MP2C	My	-.011	2
27	MP2C	Mz	-.02	2
28	MP3A	Y	-43.581	2
29	MP3A	My	.022	2
30	MP3A	Mz	0	2
31	MP3B	Y	-43.581	2
32	MP3B	My	-.011	2
33	MP3B	Mz	.019	2
34	MP3C	Y	-43.581	2
35	MP3C	My	-.011	2
36	MP3C	Mz	-.019	2
37	MP1A	Y	-59.576	.25
38	MP1A	My	-.03	.25
39	MP1A	Mz	0	.25
40	MP1A	Y	-59.576	4.75
41	MP1A	My	-.03	4.75
42	MP1A	Mz	0	4.75
43	MP1B	Y	-59.576	.25
44	MP1B	My	.015	.25
45	MP1B	Mz	-.026	.25
46	MP1B	Y	-59.576	4.75
47	MP1B	My	.015	4.75
48	MP1B	Mz	-.026	4.75
49	MP1C	Y	-59.576	.25
50	MP1C	My	.015	.25
51	MP1C	Mz	.026	.25
52	MP1C	Y	-59.576	4.75
53	MP1C	My	.015	4.75
54	MP1C	Mz	.026	4.75
55	MP5A	Y	-59.576	.25
56	MP5A	My	-.03	.25
57	MP5A	Mz	0	.25
58	MP5A	Y	-59.576	4.75
59	MP5A	My	-.03	4.75
60	MP5A	Mz	0	4.75
61	MP5B	Y	-59.576	.25
62	MP5B	My	.015	.25
63	MP5B	Mz	-.026	.25



Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
 1:35 PM  
 Checked By: \_\_\_\_\_

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
64	MP5B	Y	-59.576	4.75
65	MP5B	My	.015	4.75
66	MP5B	Mz	-.026	4.75
67	MP5C	Y	-59.576	.25
68	MP5C	My	.015	.25
69	MP5C	Mz	.026	.25
70	MP5C	Y	-59.576	4.75
71	MP5C	My	.015	4.75
72	MP5C	Mz	.026	4.75
73	MP3A	Y	-61.73	.25
74	MP3A	My	-.031	.25
75	MP3A	Mz	.036	.25
76	MP3A	Y	-61.73	4.75
77	MP3A	My	-.031	4.75
78	MP3A	Mz	.036	4.75
79	MP3B	Y	-61.73	.25
80	MP3B	My	-.016	.25
81	MP3B	Mz	-.045	.25
82	MP3B	Y	-61.73	4.75
83	MP3B	My	-.016	4.75
84	MP3B	Mz	-.045	4.75
85	MP3C	Y	-61.73	.25
86	MP3C	My	.047	.25
87	MP3C	Mz	.009	.25
88	MP3C	Y	-61.73	4.75
89	MP3C	My	.047	4.75
90	MP3C	Mz	.009	4.75
91	MP3A	Y	-61.73	.25
92	MP3A	My	-.031	.25
93	MP3A	Mz	-.036	.25
94	MP3A	Y	-61.73	4.75
95	MP3A	My	-.031	4.75
96	MP3A	Mz	-.036	4.75
97	MP3B	Y	-61.73	.25
98	MP3B	My	.047	.25
99	MP3B	Mz	-.009	.25
100	MP3B	Y	-61.73	4.75
101	MP3B	My	.047	4.75
102	MP3B	Mz	-.009	4.75
103	MP3C	Y	-61.73	.25
104	MP3C	My	-.016	.25
105	MP3C	Mz	.045	.25
106	MP3C	Y	-61.73	4.75
107	MP3C	My	-.016	4.75
108	MP3C	Mz	.045	4.75
109	OVP	Y	-89.546	2.5
110	OVP	My	0	2.5
111	OVP	Mz	0	2.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP4A	X	0	1.5
2	MP4A	Z	-97.774	1.5
3	MP4A	Mx	0	1.5
4	MP4A	X	0	3.5
5	MP4A	Z	-97.774	3.5



Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
 1:35 PM  
 Checked By: \_\_\_\_\_

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
6	MP4A	Mx	0	3.5
7	MP4B	X	0	1.5
8	MP4B	Z	-53.152	1.5
9	MP4B	Mx	.023	1.5
10	MP4B	X	0	3.5
11	MP4B	Z	-53.152	3.5
12	MP4B	Mx	.023	3.5
13	MP4C	X	0	1.5
14	MP4C	Z	-53.152	1.5
15	MP4C	Mx	-.023	1.5
16	MP4C	X	0	3.5
17	MP4C	Z	-53.152	3.5
18	MP4C	Mx	-.023	3.5
19	MP2A	X	0	2
20	MP2A	Z	-77.803	2
21	MP2A	Mx	0	2
22	MP2B	X	0	2
23	MP2B	Z	-58.456	2
24	MP2B	Mx	-.025	2
25	MP2C	X	0	2
26	MP2C	Z	-58.456	2
27	MP2C	Mx	.025	2
28	MP3A	X	0	2
29	MP3A	Z	-77.803	2
30	MP3A	Mx	0	2
31	MP3B	X	0	2
32	MP3B	Z	-54.946	2
33	MP3B	Mx	-.024	2
34	MP3C	X	0	2
35	MP3C	Z	-54.946	2
36	MP3C	Mx	.024	2
37	MP1A	X	0	.25
38	MP1A	Z	-90.077	.25
39	MP1A	Mx	0	.25
40	MP1A	X	0	4.75
41	MP1A	Z	-90.077	4.75
42	MP1A	Mx	0	4.75
43	MP1B	X	0	.25
44	MP1B	Z	-157.141	.25
45	MP1B	Mx	.068	.25
46	MP1B	X	0	4.75
47	MP1B	Z	-157.141	4.75
48	MP1B	Mx	.068	4.75
49	MP1C	X	0	.25
50	MP1C	Z	-157.141	.25
51	MP1C	Mx	-.068	.25
52	MP1C	X	0	4.75
53	MP1C	Z	-157.141	4.75
54	MP1C	Mx	-.068	4.75
55	MP5A	X	0	.25
56	MP5A	Z	-90.077	.25
57	MP5A	Mx	0	.25
58	MP5A	X	0	4.75
59	MP5A	Z	-90.077	4.75
60	MP5A	Mx	0	4.75
61	MP5B	X	0	.25
62	MP5B	Z	-157.141	.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
63	MP5B	Mx	.068	.25
64	MP5B	X	0	4.75
65	MP5B	Z	-157.141	4.75
66	MP5B	Mx	.068	4.75
67	MP5C	X	0	.25
68	MP5C	Z	-157.141	.25
69	MP5C	Mx	-.068	.25
70	MP5C	X	0	4.75
71	MP5C	Z	-157.141	4.75
72	MP5C	Mx	-.068	4.75
73	MP3A	X	0	.25
74	MP3A	Z	-168.088	.25
75	MP3A	Mx	-.098	.25
76	MP3A	X	0	4.75
77	MP3A	Z	-168.088	4.75
78	MP3A	Mx	-.098	4.75
79	MP3B	X	0	.25
80	MP3B	Z	-125.364	.25
81	MP3B	Mx	.091	.25
82	MP3B	X	0	4.75
83	MP3B	Z	-125.364	4.75
84	MP3B	Mx	.091	4.75
85	MP3C	X	0	.25
86	MP3C	Z	-125.364	.25
87	MP3C	Mx	-.018	.25
88	MP3C	X	0	4.75
89	MP3C	Z	-125.364	4.75
90	MP3C	Mx	-.018	4.75
91	MP3A	X	0	.25
92	MP3A	Z	-168.088	.25
93	MP3A	Mx	.098	.25
94	MP3A	X	0	4.75
95	MP3A	Z	-168.088	4.75
96	MP3A	Mx	.098	4.75
97	MP3B	X	0	.25
98	MP3B	Z	-125.364	.25
99	MP3B	Mx	.018	.25
100	MP3B	X	0	4.75
101	MP3B	Z	-125.364	4.75
102	MP3B	Mx	.018	4.75
103	MP3C	X	0	.25
104	MP3C	Z	-125.364	.25
105	MP3C	Mx	-.091	.25
106	MP3C	X	0	4.75
107	MP3C	Z	-125.364	4.75
108	MP3C	Mx	-.091	4.75
109	OVP	X	0	2.5
110	OVP	Z	-138.886	2.5
111	OVP	Mx	0	2.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP4A	X	41.45	1.5
2	MP4A	Z	-71.794	1.5
3	MP4A	Mx	-.021	1.5
4	MP4A	X	41.45	3.5



Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
 1:35 PM  
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**Member Point Loads (BLC 4 : Antenna Wo (30 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
5	MP4A	Z	-71.794	3.5
6	MP4A	Mx	-.021	3.5
7	MP4B	X	19.139	1.5
8	MP4B	Z	-33.15	1.5
9	MP4B	Mx	.019	1.5
10	MP4B	X	19.139	3.5
11	MP4B	Z	-33.15	3.5
12	MP4B	Mx	.019	3.5
13	MP4C	X	41.45	1.5
14	MP4C	Z	-71.794	1.5
15	MP4C	Mx	-.021	1.5
16	MP4C	X	41.45	3.5
17	MP4C	Z	-71.794	3.5
18	MP4C	Mx	-.021	3.5
19	MP2A	X	35.677	2
20	MP2A	Z	-61.795	2
21	MP2A	Mx	.018	2
22	MP2B	X	26.004	2
23	MP2B	Z	-45.04	2
24	MP2B	Mx	-.026	2
25	MP2C	X	35.677	2
26	MP2C	Z	-61.795	2
27	MP2C	Mx	.018	2
28	MP3A	X	35.092	2
29	MP3A	Z	-60.781	2
30	MP3A	Mx	.018	2
31	MP3B	X	23.663	2
32	MP3B	Z	-40.986	2
33	MP3B	Mx	-.024	2
34	MP3C	X	35.092	2
35	MP3C	Z	-60.781	2
36	MP3C	Mx	.018	2
37	MP1A	X	56.216	.25
38	MP1A	Z	-97.369	.25
39	MP1A	Mx	-.028	.25
40	MP1A	X	56.216	4.75
41	MP1A	Z	-97.369	4.75
42	MP1A	Mx	-.028	4.75
43	MP1B	X	89.748	.25
44	MP1B	Z	-155.448	.25
45	MP1B	Mx	.09	.25
46	MP1B	X	89.748	4.75
47	MP1B	Z	-155.448	4.75
48	MP1B	Mx	.09	4.75
49	MP1C	X	56.216	.25
50	MP1C	Z	-97.369	.25
51	MP1C	Mx	-.028	.25
52	MP1C	X	56.216	4.75
53	MP1C	Z	-97.369	4.75
54	MP1C	Mx	-.028	4.75
55	MP5A	X	56.216	.25
56	MP5A	Z	-97.369	.25
57	MP5A	Mx	-.028	.25
58	MP5A	X	56.216	4.75
59	MP5A	Z	-97.369	4.75
60	MP5A	Mx	-.028	4.75
61	MP5B	X	89.748	.25



Company :  
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 Job Number :  
 Model Name :

Dec 1, 2021  
 1:35 PM  
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**Member Point Loads (BLC 4 : Antenna Wo (30 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
62	MP5B	Z	-155.448	.25
63	MP5B	Mx	.09	.25
64	MP5B	X	89.748	4.75
65	MP5B	Z	-155.448	4.75
66	MP5B	Mx	.09	4.75
67	MP5C	X	56.216	.25
68	MP5C	Z	-97.369	.25
69	MP5C	Mx	-.028	.25
70	MP5C	X	56.216	4.75
71	MP5C	Z	-97.369	4.75
72	MP5C	Mx	-.028	4.75
73	MP3A	X	76.923	.25
74	MP3A	Z	-133.235	.25
75	MP3A	Mx	-.116	.25
76	MP3A	X	76.923	4.75
77	MP3A	Z	-133.235	4.75
78	MP3A	Mx	-.116	4.75
79	MP3B	X	55.561	.25
80	MP3B	Z	-96.235	.25
81	MP3B	Mx	.056	.25
82	MP3B	X	55.561	4.75
83	MP3B	Z	-96.235	4.75
84	MP3B	Mx	.056	4.75
85	MP3C	X	76.923	.25
86	MP3C	Z	-133.235	.25
87	MP3C	Mx	.039	.25
88	MP3C	X	76.923	4.75
89	MP3C	Z	-133.235	4.75
90	MP3C	Mx	.039	4.75
91	MP3A	X	76.923	.25
92	MP3A	Z	-133.235	.25
93	MP3A	Mx	.039	.25
94	MP3A	X	76.923	4.75
95	MP3A	Z	-133.235	4.75
96	MP3A	Mx	.039	4.75
97	MP3B	X	55.561	.25
98	MP3B	Z	-96.235	.25
99	MP3B	Mx	.056	.25
100	MP3B	X	55.561	4.75
101	MP3B	Z	-96.235	4.75
102	MP3B	Mx	.056	4.75
103	MP3C	X	76.923	.25
104	MP3C	Z	-133.235	.25
105	MP3C	Mx	-.116	.25
106	MP3C	X	76.923	4.75
107	MP3C	Z	-133.235	4.75
108	MP3C	Mx	-.116	4.75
109	OVP	X	64.437	2.5
110	OVP	Z	-111.609	2.5
111	OVP	Mx	0	2.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP4A	X	46.031	1.5
2	MP4A	Z	-26.576	1.5
3	MP4A	Mx	-.023	1.5





Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
 1:35 PM  
 Checked By: \_\_\_\_\_

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
4	MP4A	X	46.031	3.5
5	MP4A	Z	-26.576	3.5
6	MP4A	Mx	-.023	3.5
7	MP4B	X	46.031	1.5
8	MP4B	Z	-26.576	1.5
9	MP4B	Mx	.023	1.5
10	MP4B	X	46.031	3.5
11	MP4B	Z	-26.576	3.5
12	MP4B	Mx	.023	3.5
13	MP4C	X	84.675	1.5
14	MP4C	Z	-48.887	1.5
15	MP4C	Mx	0	1.5
16	MP4C	X	84.675	3.5
17	MP4C	Z	-48.887	3.5
18	MP4C	Mx	0	3.5
19	MP2A	X	50.625	2
20	MP2A	Z	-29.228	2
21	MP2A	Mx	.025	2
22	MP2B	X	50.625	2
23	MP2B	Z	-29.228	2
24	MP2B	Mx	-.025	2
25	MP2C	X	67.38	2
26	MP2C	Z	-38.902	2
27	MP2C	Mx	0	2
28	MP3A	X	47.585	2
29	MP3A	Z	-27.473	2
30	MP3A	Mx	.024	2
31	MP3B	X	47.585	2
32	MP3B	Z	-27.473	2
33	MP3B	Mx	-.024	2
34	MP3C	X	67.38	2
35	MP3C	Z	-38.902	2
36	MP3C	Mx	0	2
37	MP1A	X	136.088	.25
38	MP1A	Z	-78.57	.25
39	MP1A	Mx	-.068	.25
40	MP1A	X	136.088	4.75
41	MP1A	Z	-78.57	4.75
42	MP1A	Mx	-.068	4.75
43	MP1B	X	136.088	.25
44	MP1B	Z	-78.57	.25
45	MP1B	Mx	.068	.25
46	MP1B	X	136.088	4.75
47	MP1B	Z	-78.57	4.75
48	MP1B	Mx	.068	4.75
49	MP1C	X	78.009	.25
50	MP1C	Z	-45.038	.25
51	MP1C	Mx	0	.25
52	MP1C	X	78.009	4.75
53	MP1C	Z	-45.038	4.75
54	MP1C	Mx	0	4.75
55	MP5A	X	136.088	.25
56	MP5A	Z	-78.57	.25
57	MP5A	Mx	-.068	.25
58	MP5A	X	136.088	4.75
59	MP5A	Z	-78.57	4.75
60	MP5A	Mx	-.068	4.75



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 Model Name :

Dec 1, 2021  
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**Member Point Loads (BLC 5 : Antenna Wo (60 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
61	MP5B	X	136.088	.25
62	MP5B	Z	-78.57	.25
63	MP5B	Mx	.068	.25
64	MP5B	X	136.088	4.75
65	MP5B	Z	-78.57	4.75
66	MP5B	Mx	.068	4.75
67	MP5C	X	78.009	.25
68	MP5C	Z	-45.038	.25
69	MP5C	Mx	0	.25
70	MP5C	X	78.009	4.75
71	MP5C	Z	-45.038	4.75
72	MP5C	Mx	0	4.75
73	MP3A	X	108.568	.25
74	MP3A	Z	-62.682	.25
75	MP3A	Mx	-.091	.25
76	MP3A	X	108.568	4.75
77	MP3A	Z	-62.682	4.75
78	MP3A	Mx	-.091	4.75
79	MP3B	X	108.568	.25
80	MP3B	Z	-62.682	.25
81	MP3B	Mx	.018	.25
82	MP3B	X	108.568	4.75
83	MP3B	Z	-62.682	4.75
84	MP3B	Mx	.018	4.75
85	MP3C	X	145.569	.25
86	MP3C	Z	-84.044	.25
87	MP3C	Mx	.098	.25
88	MP3C	X	145.569	4.75
89	MP3C	Z	-84.044	4.75
90	MP3C	Mx	.098	4.75
91	MP3A	X	108.568	.25
92	MP3A	Z	-62.682	.25
93	MP3A	Mx	-.018	.25
94	MP3A	X	108.568	4.75
95	MP3A	Z	-62.682	4.75
96	MP3A	Mx	-.018	4.75
97	MP3B	X	108.568	.25
98	MP3B	Z	-62.682	.25
99	MP3B	Mx	.091	.25
100	MP3B	X	108.568	4.75
101	MP3B	Z	-62.682	4.75
102	MP3B	Mx	.091	4.75
103	MP3C	X	145.569	.25
104	MP3C	Z	-84.044	.25
105	MP3C	Mx	-.098	.25
106	MP3C	X	145.569	4.75
107	MP3C	Z	-84.044	4.75
108	MP3C	Mx	-.098	4.75
109	OVP	X	120.279	2.5
110	OVP	Z	-69.443	2.5
111	OVP	Mx	0	2.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP4A	X	38.278	1.5
2	MP4A	Z	0	1.5



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 Job Number :  
 Model Name :

Dec 1, 2021  
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**Member Point Loads (BLC 6 : Antenna Wo (90 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
3	MP4A	Mx	-.019	1.5
4	MP4A	X	38.278	3.5
5	MP4A	Z	0	3.5
6	MP4A	Mx	-.019	3.5
7	MP4B	X	82.9	1.5
8	MP4B	Z	0	1.5
9	MP4B	Mx	.021	1.5
10	MP4B	X	82.9	3.5
11	MP4B	Z	0	3.5
12	MP4B	Mx	.021	3.5
13	MP4C	X	82.9	1.5
14	MP4C	Z	0	1.5
15	MP4C	Mx	.021	1.5
16	MP4C	X	82.9	3.5
17	MP4C	Z	0	3.5
18	MP4C	Mx	.021	3.5
19	MP2A	X	52.007	2
20	MP2A	Z	0	2
21	MP2A	Mx	.026	2
22	MP2B	X	71.354	2
23	MP2B	Z	0	2
24	MP2B	Mx	-.018	2
25	MP2C	X	71.354	2
26	MP2C	Z	0	2
27	MP2C	Mx	-.018	2
28	MP3A	X	47.327	2
29	MP3A	Z	0	2
30	MP3A	Mx	.024	2
31	MP3B	X	70.184	2
32	MP3B	Z	0	2
33	MP3B	Mx	-.018	2
34	MP3C	X	70.184	2
35	MP3C	Z	0	2
36	MP3C	Mx	-.018	2
37	MP1A	X	179.496	.25
38	MP1A	Z	0	.25
39	MP1A	Mx	-.09	.25
40	MP1A	X	179.496	4.75
41	MP1A	Z	0	4.75
42	MP1A	Mx	-.09	4.75
43	MP1B	X	112.432	.25
44	MP1B	Z	0	.25
45	MP1B	Mx	.028	.25
46	MP1B	X	112.432	4.75
47	MP1B	Z	0	4.75
48	MP1B	Mx	.028	4.75
49	MP1C	X	112.432	.25
50	MP1C	Z	0	.25
51	MP1C	Mx	.028	.25
52	MP1C	X	112.432	4.75
53	MP1C	Z	0	4.75
54	MP1C	Mx	.028	4.75
55	MP5A	X	179.496	.25
56	MP5A	Z	0	.25
57	MP5A	Mx	-.09	.25
58	MP5A	X	179.496	4.75
59	MP5A	Z	0	4.75



Company :  
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 Job Number :  
 Model Name :

Dec 1, 2021  
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**Member Point Loads (BLC 6 : Antenna Wo (90 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
60	MP5A	Mx	-.09	4.75
61	MP5B	X	112.432	.25
62	MP5B	Z	0	.25
63	MP5B	Mx	.028	.25
64	MP5B	X	112.432	4.75
65	MP5B	Z	0	4.75
66	MP5B	Mx	.028	4.75
67	MP5C	X	112.432	.25
68	MP5C	Z	0	.25
69	MP5C	Mx	.028	.25
70	MP5C	X	112.432	4.75
71	MP5C	Z	0	4.75
72	MP5C	Mx	.028	4.75
73	MP3A	X	111.123	.25
74	MP3A	Z	0	.25
75	MP3A	Mx	-.056	.25
76	MP3A	X	111.123	4.75
77	MP3A	Z	0	4.75
78	MP3A	Mx	-.056	4.75
79	MP3B	X	153.847	.25
80	MP3B	Z	0	.25
81	MP3B	Mx	-.039	.25
82	MP3B	X	153.847	4.75
83	MP3B	Z	0	4.75
84	MP3B	Mx	-.039	4.75
85	MP3C	X	153.847	.25
86	MP3C	Z	0	.25
87	MP3C	Mx	.116	.25
88	MP3C	X	153.847	4.75
89	MP3C	Z	0	4.75
90	MP3C	Mx	.116	4.75
91	MP3A	X	111.123	.25
92	MP3A	Z	0	.25
93	MP3A	Mx	-.056	.25
94	MP3A	X	111.123	4.75
95	MP3A	Z	0	4.75
96	MP3A	Mx	-.056	4.75
97	MP3B	X	153.847	.25
98	MP3B	Z	0	.25
99	MP3B	Mx	.116	.25
100	MP3B	X	153.847	4.75
101	MP3B	Z	0	4.75
102	MP3B	Mx	.116	4.75
103	MP3C	X	153.847	.25
104	MP3C	Z	0	.25
105	MP3C	Mx	-.039	.25
106	MP3C	X	153.847	4.75
107	MP3C	Z	0	4.75
108	MP3C	Mx	-.039	4.75
109	OVP	X	158.909	2.5
110	OVP	Z	0	2.5
111	OVP	Mx	0	2.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP4A	X	46.031	1.5



Company :  
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 Job Number :  
 Model Name :

Dec 1, 2021  
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**Member Point Loads (BLC 7 : Antenna Wo (120 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
2	MP4A	Z	26.576	1.5
3	MP4A	Mx	-.023	1.5
4	MP4A	X	46.031	3.5
5	MP4A	Z	26.576	3.5
6	MP4A	Mx	-.023	3.5
7	MP4B	X	84.675	1.5
8	MP4B	Z	48.887	1.5
9	MP4B	Mx	0	1.5
10	MP4B	X	84.675	3.5
11	MP4B	Z	48.887	3.5
12	MP4B	Mx	0	3.5
13	MP4C	X	46.031	1.5
14	MP4C	Z	26.576	1.5
15	MP4C	Mx	.023	1.5
16	MP4C	X	46.031	3.5
17	MP4C	Z	26.576	3.5
18	MP4C	Mx	.023	3.5
19	MP2A	X	50.625	2
20	MP2A	Z	29.228	2
21	MP2A	Mx	.025	2
22	MP2B	X	67.38	2
23	MP2B	Z	38.902	2
24	MP2B	Mx	0	2
25	MP2C	X	50.625	2
26	MP2C	Z	29.228	2
27	MP2C	Mx	-.025	2
28	MP3A	X	47.585	2
29	MP3A	Z	27.473	2
30	MP3A	Mx	.024	2
31	MP3B	X	67.38	2
32	MP3B	Z	38.902	2
33	MP3B	Mx	0	2
34	MP3C	X	47.585	2
35	MP3C	Z	27.473	2
36	MP3C	Mx	-.024	2
37	MP1A	X	136.088	.25
38	MP1A	Z	78.57	.25
39	MP1A	Mx	-.068	.25
40	MP1A	X	136.088	4.75
41	MP1A	Z	78.57	4.75
42	MP1A	Mx	-.068	4.75
43	MP1B	X	78.009	.25
44	MP1B	Z	45.038	.25
45	MP1B	Mx	0	.25
46	MP1B	X	78.009	4.75
47	MP1B	Z	45.038	4.75
48	MP1B	Mx	0	4.75
49	MP1C	X	136.088	.25
50	MP1C	Z	78.57	.25
51	MP1C	Mx	.068	.25
52	MP1C	X	136.088	4.75
53	MP1C	Z	78.57	4.75
54	MP1C	Mx	.068	4.75
55	MP5A	X	136.088	.25
56	MP5A	Z	78.57	.25
57	MP5A	Mx	-.068	.25
58	MP5A	X	136.088	4.75



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 Model Name :

Dec 1, 2021  
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**Member Point Loads (BLC 7 : Antenna Wo (120 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
59	MP5A	Z	78.57	4.75
60	MP5A	Mx	-.068	4.75
61	MP5B	X	78.009	.25
62	MP5B	Z	45.038	.25
63	MP5B	Mx	0	.25
64	MP5B	X	78.009	4.75
65	MP5B	Z	45.038	4.75
66	MP5B	Mx	0	4.75
67	MP5C	X	136.088	.25
68	MP5C	Z	78.57	.25
69	MP5C	Mx	.068	.25
70	MP5C	X	136.088	4.75
71	MP5C	Z	78.57	4.75
72	MP5C	Mx	.068	4.75
73	MP3A	X	108.568	.25
74	MP3A	Z	62.682	.25
75	MP3A	Mx	-.018	.25
76	MP3A	X	108.568	4.75
77	MP3A	Z	62.682	4.75
78	MP3A	Mx	-.018	4.75
79	MP3B	X	145.569	.25
80	MP3B	Z	84.044	.25
81	MP3B	Mx	-.098	.25
82	MP3B	X	145.569	4.75
83	MP3B	Z	84.044	4.75
84	MP3B	Mx	-.098	4.75
85	MP3C	X	108.568	.25
86	MP3C	Z	62.682	.25
87	MP3C	Mx	.091	.25
88	MP3C	X	108.568	4.75
89	MP3C	Z	62.682	4.75
90	MP3C	Mx	.091	4.75
91	MP3A	X	108.568	.25
92	MP3A	Z	62.682	.25
93	MP3A	Mx	-.091	.25
94	MP3A	X	108.568	4.75
95	MP3A	Z	62.682	4.75
96	MP3A	Mx	-.091	4.75
97	MP3B	X	145.569	.25
98	MP3B	Z	84.044	.25
99	MP3B	Mx	.098	.25
100	MP3B	X	145.569	4.75
101	MP3B	Z	84.044	4.75
102	MP3B	Mx	.098	4.75
103	MP3C	X	108.568	.25
104	MP3C	Z	62.682	.25
105	MP3C	Mx	.018	.25
106	MP3C	X	108.568	4.75
107	MP3C	Z	62.682	4.75
108	MP3C	Mx	.018	4.75
109	OVP	X	146.289	2.5
110	OVP	Z	84.46	2.5
111	OVP	Mx	0	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
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**Member Point Loads (BLC 8 : Antenna Wo (150 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP4A	X	41.45	1.5
2	MP4A	Z	71.794	1.5
3	MP4A	Mx	-.021	1.5
4	MP4A	X	41.45	3.5
5	MP4A	Z	71.794	3.5
6	MP4A	Mx	-.021	3.5
7	MP4B	X	41.45	1.5
8	MP4B	Z	71.794	1.5
9	MP4B	Mx	-.021	1.5
10	MP4B	X	41.45	3.5
11	MP4B	Z	71.794	3.5
12	MP4B	Mx	-.021	3.5
13	MP4C	X	19.139	1.5
14	MP4C	Z	33.15	1.5
15	MP4C	Mx	.019	1.5
16	MP4C	X	19.139	3.5
17	MP4C	Z	33.15	3.5
18	MP4C	Mx	.019	3.5
19	MP2A	X	35.677	2
20	MP2A	Z	61.795	2
21	MP2A	Mx	.018	2
22	MP2B	X	35.677	2
23	MP2B	Z	61.795	2
24	MP2B	Mx	.018	2
25	MP2C	X	26.004	2
26	MP2C	Z	45.04	2
27	MP2C	Mx	-.026	2
28	MP3A	X	35.092	2
29	MP3A	Z	60.781	2
30	MP3A	Mx	.018	2
31	MP3B	X	35.092	2
32	MP3B	Z	60.781	2
33	MP3B	Mx	.018	2
34	MP3C	X	23.663	2
35	MP3C	Z	40.986	2
36	MP3C	Mx	-.024	2
37	MP1A	X	56.216	.25
38	MP1A	Z	97.369	.25
39	MP1A	Mx	-.028	.25
40	MP1A	X	56.216	4.75
41	MP1A	Z	97.369	4.75
42	MP1A	Mx	-.028	4.75
43	MP1B	X	56.216	.25
44	MP1B	Z	97.369	.25
45	MP1B	Mx	-.028	.25
46	MP1B	X	56.216	4.75
47	MP1B	Z	97.369	4.75
48	MP1B	Mx	-.028	4.75
49	MP1C	X	89.748	.25
50	MP1C	Z	155.448	.25
51	MP1C	Mx	.09	.25
52	MP1C	X	89.748	4.75
53	MP1C	Z	155.448	4.75
54	MP1C	Mx	.09	4.75
55	MP5A	X	56.216	.25
56	MP5A	Z	97.369	.25
57	MP5A	Mx	-.028	.25



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 Job Number :  
 Model Name :

Dec 1, 2021  
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**Member Point Loads (BLC 8 : Antenna Wo (150 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
58	MP5A	X	56.216	4.75
59	MP5A	Z	97.369	4.75
60	MP5A	Mx	-.028	4.75
61	MP5B	X	56.216	.25
62	MP5B	Z	97.369	.25
63	MP5B	Mx	-.028	.25
64	MP5B	X	56.216	4.75
65	MP5B	Z	97.369	4.75
66	MP5B	Mx	-.028	4.75
67	MP5C	X	89.748	.25
68	MP5C	Z	155.448	.25
69	MP5C	Mx	.09	.25
70	MP5C	X	89.748	4.75
71	MP5C	Z	155.448	4.75
72	MP5C	Mx	.09	4.75
73	MP3A	X	76.923	.25
74	MP3A	Z	133.235	.25
75	MP3A	Mx	.039	.25
76	MP3A	X	76.923	4.75
77	MP3A	Z	133.235	4.75
78	MP3A	Mx	.039	4.75
79	MP3B	X	76.923	.25
80	MP3B	Z	133.235	.25
81	MP3B	Mx	-.116	.25
82	MP3B	X	76.923	4.75
83	MP3B	Z	133.235	4.75
84	MP3B	Mx	-.116	4.75
85	MP3C	X	55.561	.25
86	MP3C	Z	96.235	.25
87	MP3C	Mx	.056	.25
88	MP3C	X	55.561	4.75
89	MP3C	Z	96.235	4.75
90	MP3C	Mx	.056	4.75
91	MP3A	X	76.923	.25
92	MP3A	Z	133.235	.25
93	MP3A	Mx	-.116	.25
94	MP3A	X	76.923	4.75
95	MP3A	Z	133.235	4.75
96	MP3A	Mx	-.116	4.75
97	MP3B	X	76.923	.25
98	MP3B	Z	133.235	.25
99	MP3B	Mx	.039	.25
100	MP3B	X	76.923	4.75
101	MP3B	Z	133.235	4.75
102	MP3B	Mx	.039	4.75
103	MP3C	X	55.561	.25
104	MP3C	Z	96.235	.25
105	MP3C	Mx	.056	.25
106	MP3C	X	55.561	4.75
107	MP3C	Z	96.235	4.75
108	MP3C	Mx	.056	4.75
109	OVP	X	79.454	2.5
110	OVP	Z	137.619	2.5
111	OVP	Mx	0	2.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
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 Job Number :  
 Model Name :

Dec 1, 2021  
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**Member Point Loads (BLC 9 : Antenna Wo (180 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP4A	X	0	1.5
2	MP4A	Z	97.774	1.5
3	MP4A	Mx	0	1.5
4	MP4A	X	0	3.5
5	MP4A	Z	97.774	3.5
6	MP4A	Mx	0	3.5
7	MP4B	X	0	1.5
8	MP4B	Z	53.152	1.5
9	MP4B	Mx	-.023	1.5
10	MP4B	X	0	3.5
11	MP4B	Z	53.152	3.5
12	MP4B	Mx	-.023	3.5
13	MP4C	X	0	1.5
14	MP4C	Z	53.152	1.5
15	MP4C	Mx	.023	1.5
16	MP4C	X	0	3.5
17	MP4C	Z	53.152	3.5
18	MP4C	Mx	.023	3.5
19	MP2A	X	0	2
20	MP2A	Z	77.803	2
21	MP2A	Mx	0	2
22	MP2B	X	0	2
23	MP2B	Z	58.456	2
24	MP2B	Mx	.025	2
25	MP2C	X	0	2
26	MP2C	Z	58.456	2
27	MP2C	Mx	-.025	2
28	MP3A	X	0	2
29	MP3A	Z	77.803	2
30	MP3A	Mx	0	2
31	MP3B	X	0	2
32	MP3B	Z	54.946	2
33	MP3B	Mx	.024	2
34	MP3C	X	0	2
35	MP3C	Z	54.946	2
36	MP3C	Mx	-.024	2
37	MP1A	X	0	.25
38	MP1A	Z	90.077	.25
39	MP1A	Mx	0	.25
40	MP1A	X	0	4.75
41	MP1A	Z	90.077	4.75
42	MP1A	Mx	0	4.75
43	MP1B	X	0	.25
44	MP1B	Z	157.141	.25
45	MP1B	Mx	-.068	.25
46	MP1B	X	0	4.75
47	MP1B	Z	157.141	4.75
48	MP1B	Mx	-.068	4.75
49	MP1C	X	0	.25
50	MP1C	Z	157.141	.25
51	MP1C	Mx	.068	.25
52	MP1C	X	0	4.75
53	MP1C	Z	157.141	4.75
54	MP1C	Mx	.068	4.75
55	MP5A	X	0	.25
56	MP5A	Z	90.077	.25
57	MP5A	Mx	0	.25



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 Job Number :  
 Model Name :

Dec 1, 2021  
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**Member Point Loads (BLC 9 : Antenna Wo (180 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
58	MP5A	X	0	4.75
59	MP5A	Z	90.077	4.75
60	MP5A	Mx	0	4.75
61	MP5B	X	0	.25
62	MP5B	Z	157.141	.25
63	MP5B	Mx	-.068	.25
64	MP5B	X	0	4.75
65	MP5B	Z	157.141	4.75
66	MP5B	Mx	-.068	4.75
67	MP5C	X	0	.25
68	MP5C	Z	157.141	.25
69	MP5C	Mx	.068	.25
70	MP5C	X	0	4.75
71	MP5C	Z	157.141	4.75
72	MP5C	Mx	.068	4.75
73	MP3A	X	0	.25
74	MP3A	Z	168.088	.25
75	MP3A	Mx	.098	.25
76	MP3A	X	0	4.75
77	MP3A	Z	168.088	4.75
78	MP3A	Mx	.098	4.75
79	MP3B	X	0	.25
80	MP3B	Z	125.364	.25
81	MP3B	Mx	-.091	.25
82	MP3B	X	0	4.75
83	MP3B	Z	125.364	4.75
84	MP3B	Mx	-.091	4.75
85	MP3C	X	0	.25
86	MP3C	Z	125.364	.25
87	MP3C	Mx	.018	.25
88	MP3C	X	0	4.75
89	MP3C	Z	125.364	4.75
90	MP3C	Mx	.018	4.75
91	MP3A	X	0	.25
92	MP3A	Z	168.088	.25
93	MP3A	Mx	-.098	.25
94	MP3A	X	0	4.75
95	MP3A	Z	168.088	4.75
96	MP3A	Mx	-.098	4.75
97	MP3B	X	0	.25
98	MP3B	Z	125.364	.25
99	MP3B	Mx	-.018	.25
100	MP3B	X	0	4.75
101	MP3B	Z	125.364	4.75
102	MP3B	Mx	-.018	4.75
103	MP3C	X	0	.25
104	MP3C	Z	125.364	.25
105	MP3C	Mx	.091	.25
106	MP3C	X	0	4.75
107	MP3C	Z	125.364	4.75
108	MP3C	Mx	.091	4.75
109	OVP	X	0	2.5
110	OVP	Z	138.886	2.5
111	OVP	Mx	0	2.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
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 Model Name :

Dec 1, 2021  
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**Member Point Loads (BLC 10 : Antenna Wo (210 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP4A	X	-41.45	1.5
2	MP4A	Z	71.794	1.5
3	MP4A	Mx	.021	1.5
4	MP4A	X	-41.45	3.5
5	MP4A	Z	71.794	3.5
6	MP4A	Mx	.021	3.5
7	MP4B	X	-19.139	1.5
8	MP4B	Z	33.15	1.5
9	MP4B	Mx	-.019	1.5
10	MP4B	X	-19.139	3.5
11	MP4B	Z	33.15	3.5
12	MP4B	Mx	-.019	3.5
13	MP4C	X	-41.45	1.5
14	MP4C	Z	71.794	1.5
15	MP4C	Mx	.021	1.5
16	MP4C	X	-41.45	3.5
17	MP4C	Z	71.794	3.5
18	MP4C	Mx	.021	3.5
19	MP2A	X	-35.677	2
20	MP2A	Z	61.795	2
21	MP2A	Mx	-.018	2
22	MP2B	X	-26.004	2
23	MP2B	Z	45.04	2
24	MP2B	Mx	.026	2
25	MP2C	X	-35.677	2
26	MP2C	Z	61.795	2
27	MP2C	Mx	-.018	2
28	MP3A	X	-35.092	2
29	MP3A	Z	60.781	2
30	MP3A	Mx	-.018	2
31	MP3B	X	-23.663	2
32	MP3B	Z	40.986	2
33	MP3B	Mx	.024	2
34	MP3C	X	-35.092	2
35	MP3C	Z	60.781	2
36	MP3C	Mx	-.018	2
37	MP1A	X	-56.216	.25
38	MP1A	Z	97.369	.25
39	MP1A	Mx	.028	.25
40	MP1A	X	-56.216	4.75
41	MP1A	Z	97.369	4.75
42	MP1A	Mx	.028	4.75
43	MP1B	X	-89.748	.25
44	MP1B	Z	155.448	.25
45	MP1B	Mx	-.09	.25
46	MP1B	X	-89.748	4.75
47	MP1B	Z	155.448	4.75
48	MP1B	Mx	-.09	4.75
49	MP1C	X	-56.216	.25
50	MP1C	Z	97.369	.25
51	MP1C	Mx	.028	.25
52	MP1C	X	-56.216	4.75
53	MP1C	Z	97.369	4.75
54	MP1C	Mx	.028	4.75
55	MP5A	X	-56.216	.25
56	MP5A	Z	97.369	.25
57	MP5A	Mx	.028	.25



Company :  
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 Job Number :  
 Model Name :

Dec 1, 2021  
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**Member Point Loads (BLC 10 : Antenna Wo (210 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
58	MP5A	X	-56.216	4.75
59	MP5A	Z	97.369	4.75
60	MP5A	Mx	.028	4.75
61	MP5B	X	-89.748	.25
62	MP5B	Z	155.448	.25
63	MP5B	Mx	-.09	.25
64	MP5B	X	-89.748	4.75
65	MP5B	Z	155.448	4.75
66	MP5B	Mx	-.09	4.75
67	MP5C	X	-56.216	.25
68	MP5C	Z	97.369	.25
69	MP5C	Mx	.028	.25
70	MP5C	X	-56.216	4.75
71	MP5C	Z	97.369	4.75
72	MP5C	Mx	.028	4.75
73	MP3A	X	-76.923	.25
74	MP3A	Z	133.235	.25
75	MP3A	Mx	.116	.25
76	MP3A	X	-76.923	4.75
77	MP3A	Z	133.235	4.75
78	MP3A	Mx	.116	4.75
79	MP3B	X	-55.561	.25
80	MP3B	Z	96.235	.25
81	MP3B	Mx	-.056	.25
82	MP3B	X	-55.561	4.75
83	MP3B	Z	96.235	4.75
84	MP3B	Mx	-.056	4.75
85	MP3C	X	-76.923	.25
86	MP3C	Z	133.235	.25
87	MP3C	Mx	-.039	.25
88	MP3C	X	-76.923	4.75
89	MP3C	Z	133.235	4.75
90	MP3C	Mx	-.039	4.75
91	MP3A	X	-76.923	.25
92	MP3A	Z	133.235	.25
93	MP3A	Mx	-.039	.25
94	MP3A	X	-76.923	4.75
95	MP3A	Z	133.235	4.75
96	MP3A	Mx	-.039	4.75
97	MP3B	X	-55.561	.25
98	MP3B	Z	96.235	.25
99	MP3B	Mx	-.056	.25
100	MP3B	X	-55.561	4.75
101	MP3B	Z	96.235	4.75
102	MP3B	Mx	-.056	4.75
103	MP3C	X	-76.923	.25
104	MP3C	Z	133.235	.25
105	MP3C	Mx	.116	.25
106	MP3C	X	-76.923	4.75
107	MP3C	Z	133.235	4.75
108	MP3C	Mx	.116	4.75
109	OVP	X	-64.437	2.5
110	OVP	Z	111.609	2.5
111	OVP	Mx	0	2.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
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 Model Name :

Dec 1, 2021  
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**Member Point Loads (BLC 11 : Antenna Wo (240 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP4A	X	-46.031	1.5
2	MP4A	Z	26.576	1.5
3	MP4A	Mx	.023	1.5
4	MP4A	X	-46.031	3.5
5	MP4A	Z	26.576	3.5
6	MP4A	Mx	.023	3.5
7	MP4B	X	-46.031	1.5
8	MP4B	Z	26.576	1.5
9	MP4B	Mx	-.023	1.5
10	MP4B	X	-46.031	3.5
11	MP4B	Z	26.576	3.5
12	MP4B	Mx	-.023	3.5
13	MP4C	X	-84.675	1.5
14	MP4C	Z	48.887	1.5
15	MP4C	Mx	0	1.5
16	MP4C	X	-84.675	3.5
17	MP4C	Z	48.887	3.5
18	MP4C	Mx	0	3.5
19	MP2A	X	-50.625	2
20	MP2A	Z	29.228	2
21	MP2A	Mx	-.025	2
22	MP2B	X	-50.625	2
23	MP2B	Z	29.228	2
24	MP2B	Mx	.025	2
25	MP2C	X	-67.38	2
26	MP2C	Z	38.902	2
27	MP2C	Mx	0	2
28	MP3A	X	-47.585	2
29	MP3A	Z	27.473	2
30	MP3A	Mx	-.024	2
31	MP3B	X	-47.585	2
32	MP3B	Z	27.473	2
33	MP3B	Mx	.024	2
34	MP3C	X	-67.38	2
35	MP3C	Z	38.902	2
36	MP3C	Mx	0	2
37	MP1A	X	-136.088	.25
38	MP1A	Z	78.57	.25
39	MP1A	Mx	.068	.25
40	MP1A	X	-136.088	4.75
41	MP1A	Z	78.57	4.75
42	MP1A	Mx	.068	4.75
43	MP1B	X	-136.088	.25
44	MP1B	Z	78.57	.25
45	MP1B	Mx	-.068	.25
46	MP1B	X	-136.088	4.75
47	MP1B	Z	78.57	4.75
48	MP1B	Mx	-.068	4.75
49	MP1C	X	-78.009	.25
50	MP1C	Z	45.038	.25
51	MP1C	Mx	0	.25
52	MP1C	X	-78.009	4.75
53	MP1C	Z	45.038	4.75
54	MP1C	Mx	0	4.75
55	MP5A	X	-136.088	.25
56	MP5A	Z	78.57	.25
57	MP5A	Mx	.068	.25



Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
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**Member Point Loads (BLC 11 : Antenna Wo (240 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
58	MP5A	X	-136.088	4.75
59	MP5A	Z	78.57	4.75
60	MP5A	Mx	.068	4.75
61	MP5B	X	-136.088	.25
62	MP5B	Z	78.57	.25
63	MP5B	Mx	-.068	.25
64	MP5B	X	-136.088	4.75
65	MP5B	Z	78.57	4.75
66	MP5B	Mx	-.068	4.75
67	MP5C	X	-78.009	.25
68	MP5C	Z	45.038	.25
69	MP5C	Mx	0	.25
70	MP5C	X	-78.009	4.75
71	MP5C	Z	45.038	4.75
72	MP5C	Mx	0	4.75
73	MP3A	X	-108.568	.25
74	MP3A	Z	62.682	.25
75	MP3A	Mx	.091	.25
76	MP3A	X	-108.568	4.75
77	MP3A	Z	62.682	4.75
78	MP3A	Mx	.091	4.75
79	MP3B	X	-108.568	.25
80	MP3B	Z	62.682	.25
81	MP3B	Mx	-.018	.25
82	MP3B	X	-108.568	4.75
83	MP3B	Z	62.682	4.75
84	MP3B	Mx	-.018	4.75
85	MP3C	X	-145.569	.25
86	MP3C	Z	84.044	.25
87	MP3C	Mx	-.098	.25
88	MP3C	X	-145.569	4.75
89	MP3C	Z	84.044	4.75
90	MP3C	Mx	-.098	4.75
91	MP3A	X	-108.568	.25
92	MP3A	Z	62.682	.25
93	MP3A	Mx	.018	.25
94	MP3A	X	-108.568	4.75
95	MP3A	Z	62.682	4.75
96	MP3A	Mx	.018	4.75
97	MP3B	X	-108.568	.25
98	MP3B	Z	62.682	.25
99	MP3B	Mx	-.091	.25
100	MP3B	X	-108.568	4.75
101	MP3B	Z	62.682	4.75
102	MP3B	Mx	-.091	4.75
103	MP3C	X	-145.569	.25
104	MP3C	Z	84.044	.25
105	MP3C	Mx	.098	.25
106	MP3C	X	-145.569	4.75
107	MP3C	Z	84.044	4.75
108	MP3C	Mx	.098	4.75
109	OVP	X	-120.279	2.5
110	OVP	Z	69.443	2.5
111	OVP	Mx	0	2.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
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Company :  
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 Job Number :  
 Model Name :

Dec 1, 2021  
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**Member Point Loads (BLC 12 : Antenna Wo (270 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP4A	X	-38.278	1.5
2	MP4A	Z	0	1.5
3	MP4A	Mx	.019	1.5
4	MP4A	X	-38.278	3.5
5	MP4A	Z	0	3.5
6	MP4A	Mx	.019	3.5
7	MP4B	X	-82.9	1.5
8	MP4B	Z	0	1.5
9	MP4B	Mx	-.021	1.5
10	MP4B	X	-82.9	3.5
11	MP4B	Z	0	3.5
12	MP4B	Mx	-.021	3.5
13	MP4C	X	-82.9	1.5
14	MP4C	Z	0	1.5
15	MP4C	Mx	-.021	1.5
16	MP4C	X	-82.9	3.5
17	MP4C	Z	0	3.5
18	MP4C	Mx	-.021	3.5
19	MP2A	X	-52.007	2
20	MP2A	Z	0	2
21	MP2A	Mx	-.026	2
22	MP2B	X	-71.354	2
23	MP2B	Z	0	2
24	MP2B	Mx	.018	2
25	MP2C	X	-71.354	2
26	MP2C	Z	0	2
27	MP2C	Mx	.018	2
28	MP3A	X	-47.327	2
29	MP3A	Z	0	2
30	MP3A	Mx	-.024	2
31	MP3B	X	-70.184	2
32	MP3B	Z	0	2
33	MP3B	Mx	.018	2
34	MP3C	X	-70.184	2
35	MP3C	Z	0	2
36	MP3C	Mx	.018	2
37	MP1A	X	-179.496	.25
38	MP1A	Z	0	.25
39	MP1A	Mx	.09	.25
40	MP1A	X	-179.496	4.75
41	MP1A	Z	0	4.75
42	MP1A	Mx	.09	4.75
43	MP1B	X	-112.432	.25
44	MP1B	Z	0	.25
45	MP1B	Mx	-.028	.25
46	MP1B	X	-112.432	4.75
47	MP1B	Z	0	4.75
48	MP1B	Mx	-.028	4.75
49	MP1C	X	-112.432	.25
50	MP1C	Z	0	.25
51	MP1C	Mx	-.028	.25
52	MP1C	X	-112.432	4.75
53	MP1C	Z	0	4.75
54	MP1C	Mx	-.028	4.75
55	MP5A	X	-179.496	.25
56	MP5A	Z	0	.25
57	MP5A	Mx	.09	.25



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 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
 1:35 PM  
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**Member Point Loads (BLC 12 : Antenna Wo (270 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
58	MP5A	X	-179.496	4.75
59	MP5A	Z	0	4.75
60	MP5A	Mx	.09	4.75
61	MP5B	X	-112.432	.25
62	MP5B	Z	0	.25
63	MP5B	Mx	-.028	.25
64	MP5B	X	-112.432	4.75
65	MP5B	Z	0	4.75
66	MP5B	Mx	-.028	4.75
67	MP5C	X	-112.432	.25
68	MP5C	Z	0	.25
69	MP5C	Mx	-.028	.25
70	MP5C	X	-112.432	4.75
71	MP5C	Z	0	4.75
72	MP5C	Mx	-.028	4.75
73	MP3A	X	-111.123	.25
74	MP3A	Z	0	.25
75	MP3A	Mx	.056	.25
76	MP3A	X	-111.123	4.75
77	MP3A	Z	0	4.75
78	MP3A	Mx	.056	4.75
79	MP3B	X	-153.847	.25
80	MP3B	Z	0	.25
81	MP3B	Mx	.039	.25
82	MP3B	X	-153.847	4.75
83	MP3B	Z	0	4.75
84	MP3B	Mx	.039	4.75
85	MP3C	X	-153.847	.25
86	MP3C	Z	0	.25
87	MP3C	Mx	-.116	.25
88	MP3C	X	-153.847	4.75
89	MP3C	Z	0	4.75
90	MP3C	Mx	-.116	4.75
91	MP3A	X	-111.123	.25
92	MP3A	Z	0	.25
93	MP3A	Mx	.056	.25
94	MP3A	X	-111.123	4.75
95	MP3A	Z	0	4.75
96	MP3A	Mx	.056	4.75
97	MP3B	X	-153.847	.25
98	MP3B	Z	0	.25
99	MP3B	Mx	-.116	.25
100	MP3B	X	-153.847	4.75
101	MP3B	Z	0	4.75
102	MP3B	Mx	-.116	4.75
103	MP3C	X	-153.847	.25
104	MP3C	Z	0	.25
105	MP3C	Mx	.039	.25
106	MP3C	X	-153.847	4.75
107	MP3C	Z	0	4.75
108	MP3C	Mx	.039	4.75
109	OVP	X	-158.909	2.5
110	OVP	Z	0	2.5
111	OVP	Mx	0	2.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
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 Job Number :  
 Model Name :

Dec 1, 2021  
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**Member Point Loads (BLC 13 : Antenna Wo (300 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP4A	X	-46.031	1.5
2	MP4A	Z	-26.576	1.5
3	MP4A	Mx	.023	1.5
4	MP4A	X	-46.031	3.5
5	MP4A	Z	-26.576	3.5
6	MP4A	Mx	.023	3.5
7	MP4B	X	-84.675	1.5
8	MP4B	Z	-48.887	1.5
9	MP4B	Mx	0	1.5
10	MP4B	X	-84.675	3.5
11	MP4B	Z	-48.887	3.5
12	MP4B	Mx	0	3.5
13	MP4C	X	-46.031	1.5
14	MP4C	Z	-26.576	1.5
15	MP4C	Mx	-.023	1.5
16	MP4C	X	-46.031	3.5
17	MP4C	Z	-26.576	3.5
18	MP4C	Mx	-.023	3.5
19	MP2A	X	-50.625	2
20	MP2A	Z	-29.228	2
21	MP2A	Mx	-.025	2
22	MP2B	X	-67.38	2
23	MP2B	Z	-38.902	2
24	MP2B	Mx	0	2
25	MP2C	X	-50.625	2
26	MP2C	Z	-29.228	2
27	MP2C	Mx	.025	2
28	MP3A	X	-47.585	2
29	MP3A	Z	-27.473	2
30	MP3A	Mx	-.024	2
31	MP3B	X	-67.38	2
32	MP3B	Z	-38.902	2
33	MP3B	Mx	0	2
34	MP3C	X	-47.585	2
35	MP3C	Z	-27.473	2
36	MP3C	Mx	.024	2
37	MP1A	X	-136.088	.25
38	MP1A	Z	-78.57	.25
39	MP1A	Mx	.068	.25
40	MP1A	X	-136.088	4.75
41	MP1A	Z	-78.57	4.75
42	MP1A	Mx	.068	4.75
43	MP1B	X	-78.009	.25
44	MP1B	Z	-45.038	.25
45	MP1B	Mx	0	.25
46	MP1B	X	-78.009	4.75
47	MP1B	Z	-45.038	4.75
48	MP1B	Mx	0	4.75
49	MP1C	X	-136.088	.25
50	MP1C	Z	-78.57	.25
51	MP1C	Mx	-.068	.25
52	MP1C	X	-136.088	4.75
53	MP1C	Z	-78.57	4.75
54	MP1C	Mx	-.068	4.75
55	MP5A	X	-136.088	.25
56	MP5A	Z	-78.57	.25
57	MP5A	Mx	.068	.25



Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
 1:35 PM  
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**Member Point Loads (BLC 13 : Antenna Wo (300 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
58	MP5A	X	-136.088	4.75
59	MP5A	Z	-78.57	4.75
60	MP5A	Mx	.068	4.75
61	MP5B	X	-78.009	.25
62	MP5B	Z	-45.038	.25
63	MP5B	Mx	0	.25
64	MP5B	X	-78.009	4.75
65	MP5B	Z	-45.038	4.75
66	MP5B	Mx	0	4.75
67	MP5C	X	-136.088	.25
68	MP5C	Z	-78.57	.25
69	MP5C	Mx	-.068	.25
70	MP5C	X	-136.088	4.75
71	MP5C	Z	-78.57	4.75
72	MP5C	Mx	-.068	4.75
73	MP3A	X	-108.568	.25
74	MP3A	Z	-62.682	.25
75	MP3A	Mx	.018	.25
76	MP3A	X	-108.568	4.75
77	MP3A	Z	-62.682	4.75
78	MP3A	Mx	.018	4.75
79	MP3B	X	-145.569	.25
80	MP3B	Z	-84.044	.25
81	MP3B	Mx	.098	.25
82	MP3B	X	-145.569	4.75
83	MP3B	Z	-84.044	4.75
84	MP3B	Mx	.098	4.75
85	MP3C	X	-108.568	.25
86	MP3C	Z	-62.682	.25
87	MP3C	Mx	-.091	.25
88	MP3C	X	-108.568	4.75
89	MP3C	Z	-62.682	4.75
90	MP3C	Mx	-.091	4.75
91	MP3A	X	-108.568	.25
92	MP3A	Z	-62.682	.25
93	MP3A	Mx	.091	.25
94	MP3A	X	-108.568	4.75
95	MP3A	Z	-62.682	4.75
96	MP3A	Mx	.091	4.75
97	MP3B	X	-145.569	.25
98	MP3B	Z	-84.044	.25
99	MP3B	Mx	-.098	.25
100	MP3B	X	-145.569	4.75
101	MP3B	Z	-84.044	4.75
102	MP3B	Mx	-.098	4.75
103	MP3C	X	-108.568	.25
104	MP3C	Z	-62.682	.25
105	MP3C	Mx	-.018	.25
106	MP3C	X	-108.568	4.75
107	MP3C	Z	-62.682	4.75
108	MP3C	Mx	-.018	4.75
109	OVP	X	-146.289	2.5
110	OVP	Z	-84.46	2.5
111	OVP	Mx	0	2.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
RISA-3D Version 17.0.4 [.....\Rev 0\Risa\469148-VZW_MT_LO_H.r3d] Page 48				



Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
 1:35 PM  
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**Member Point Loads (BLC 14 : Antenna Wo (330 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP4A	X	-41.45	1.5
2	MP4A	Z	-71.794	1.5
3	MP4A	Mx	.021	1.5
4	MP4A	X	-41.45	3.5
5	MP4A	Z	-71.794	3.5
6	MP4A	Mx	.021	3.5
7	MP4B	X	-41.45	1.5
8	MP4B	Z	-71.794	1.5
9	MP4B	Mx	.021	1.5
10	MP4B	X	-41.45	3.5
11	MP4B	Z	-71.794	3.5
12	MP4B	Mx	.021	3.5
13	MP4C	X	-19.139	1.5
14	MP4C	Z	-33.15	1.5
15	MP4C	Mx	-.019	1.5
16	MP4C	X	-19.139	3.5
17	MP4C	Z	-33.15	3.5
18	MP4C	Mx	-.019	3.5
19	MP2A	X	-35.677	2
20	MP2A	Z	-61.795	2
21	MP2A	Mx	-.018	2
22	MP2B	X	-35.677	2
23	MP2B	Z	-61.795	2
24	MP2B	Mx	-.018	2
25	MP2C	X	-26.004	2
26	MP2C	Z	-45.04	2
27	MP2C	Mx	.026	2
28	MP3A	X	-35.092	2
29	MP3A	Z	-60.781	2
30	MP3A	Mx	-.018	2
31	MP3B	X	-35.092	2
32	MP3B	Z	-60.781	2
33	MP3B	Mx	-.018	2
34	MP3C	X	-23.663	2
35	MP3C	Z	-40.986	2
36	MP3C	Mx	.024	2
37	MP1A	X	-56.216	.25
38	MP1A	Z	-97.369	.25
39	MP1A	Mx	.028	.25
40	MP1A	X	-56.216	4.75
41	MP1A	Z	-97.369	4.75
42	MP1A	Mx	.028	4.75
43	MP1B	X	-56.216	.25
44	MP1B	Z	-97.369	.25
45	MP1B	Mx	.028	.25
46	MP1B	X	-56.216	4.75
47	MP1B	Z	-97.369	4.75
48	MP1B	Mx	.028	4.75
49	MP1C	X	-89.748	.25
50	MP1C	Z	-155.448	.25
51	MP1C	Mx	-.09	.25
52	MP1C	X	-89.748	4.75
53	MP1C	Z	-155.448	4.75
54	MP1C	Mx	-.09	4.75
55	MP5A	X	-56.216	.25
56	MP5A	Z	-97.369	.25
57	MP5A	Mx	.028	.25



Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
 1:35 PM  
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**Member Point Loads (BLC 14 : Antenna Wo (330 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
58	MP5A	X	-56.216	4.75
59	MP5A	Z	-97.369	4.75
60	MP5A	Mx	.028	4.75
61	MP5B	X	-56.216	.25
62	MP5B	Z	-97.369	.25
63	MP5B	Mx	.028	.25
64	MP5B	X	-56.216	4.75
65	MP5B	Z	-97.369	4.75
66	MP5B	Mx	.028	4.75
67	MP5C	X	-89.748	.25
68	MP5C	Z	-155.448	.25
69	MP5C	Mx	-.09	.25
70	MP5C	X	-89.748	4.75
71	MP5C	Z	-155.448	4.75
72	MP5C	Mx	-.09	4.75
73	MP3A	X	-76.923	.25
74	MP3A	Z	-133.235	.25
75	MP3A	Mx	-.039	.25
76	MP3A	X	-76.923	4.75
77	MP3A	Z	-133.235	4.75
78	MP3A	Mx	-.039	4.75
79	MP3B	X	-76.923	.25
80	MP3B	Z	-133.235	.25
81	MP3B	Mx	.116	.25
82	MP3B	X	-76.923	4.75
83	MP3B	Z	-133.235	4.75
84	MP3B	Mx	.116	4.75
85	MP3C	X	-55.561	.25
86	MP3C	Z	-96.235	.25
87	MP3C	Mx	-.056	.25
88	MP3C	X	-55.561	4.75
89	MP3C	Z	-96.235	4.75
90	MP3C	Mx	-.056	4.75
91	MP3A	X	-76.923	.25
92	MP3A	Z	-133.235	.25
93	MP3A	Mx	.116	.25
94	MP3A	X	-76.923	4.75
95	MP3A	Z	-133.235	4.75
96	MP3A	Mx	.116	4.75
97	MP3B	X	-76.923	.25
98	MP3B	Z	-133.235	.25
99	MP3B	Mx	-.039	.25
100	MP3B	X	-76.923	4.75
101	MP3B	Z	-133.235	4.75
102	MP3B	Mx	-.039	4.75
103	MP3C	X	-55.561	.25
104	MP3C	Z	-96.235	.25
105	MP3C	Mx	-.056	.25
106	MP3C	X	-55.561	4.75
107	MP3C	Z	-96.235	4.75
108	MP3C	Mx	-.056	4.75
109	OVP	X	-79.454	2.5
110	OVP	Z	-137.619	2.5
111	OVP	Mx	0	2.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
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Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
 1:35 PM  
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**Member Point Loads (BLC 15 : Antenna Wi (0 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP4A	X	0	1.5
2	MP4A	Z	-20.213	1.5
3	MP4A	Mx	0	1.5
4	MP4A	X	0	3.5
5	MP4A	Z	-20.213	3.5
6	MP4A	Mx	0	3.5
7	MP4B	X	0	1.5
8	MP4B	Z	-11.52	1.5
9	MP4B	Mx	.005	1.5
10	MP4B	X	0	3.5
11	MP4B	Z	-11.52	3.5
12	MP4B	Mx	.005	3.5
13	MP4C	X	0	1.5
14	MP4C	Z	-11.52	1.5
15	MP4C	Mx	-.005	1.5
16	MP4C	X	0	3.5
17	MP4C	Z	-11.52	3.5
18	MP4C	Mx	-.005	3.5
19	MP2A	X	0	2
20	MP2A	Z	-17.051	2
21	MP2A	Mx	0	2
22	MP2B	X	0	2
23	MP2B	Z	-13.164	2
24	MP2B	Mx	-.006	2
25	MP2C	X	0	2
26	MP2C	Z	-13.164	2
27	MP2C	Mx	.006	2
28	MP3A	X	0	2
29	MP3A	Z	-17.051	2
30	MP3A	Mx	0	2
31	MP3B	X	0	2
32	MP3B	Z	-12.465	2
33	MP3B	Mx	-.005	2
34	MP3C	X	0	2
35	MP3C	Z	-12.465	2
36	MP3C	Mx	.005	2
37	MP1A	X	0	.25
38	MP1A	Z	-19.358	.25
39	MP1A	Mx	0	.25
40	MP1A	X	0	4.75
41	MP1A	Z	-19.358	4.75
42	MP1A	Mx	0	4.75
43	MP1B	X	0	.25
44	MP1B	Z	-31.89	.25
45	MP1B	Mx	.014	.25
46	MP1B	X	0	4.75
47	MP1B	Z	-31.89	4.75
48	MP1B	Mx	.014	4.75
49	MP1C	X	0	.25
50	MP1C	Z	-31.89	.25
51	MP1C	Mx	-.014	.25
52	MP1C	X	0	4.75
53	MP1C	Z	-31.89	4.75
54	MP1C	Mx	-.014	4.75
55	MP5A	X	0	.25
56	MP5A	Z	-19.358	.25
57	MP5A	Mx	0	.25



Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
 1:35 PM  
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**Member Point Loads (BLC 15 : Antenna Wi (0 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
58	MP5A	X	0	4.75
59	MP5A	Z	-19.358	4.75
60	MP5A	Mx	0	4.75
61	MP5B	X	0	.25
62	MP5B	Z	-31.89	.25
63	MP5B	Mx	.014	.25
64	MP5B	X	0	4.75
65	MP5B	Z	-31.89	4.75
66	MP5B	Mx	.014	4.75
67	MP5C	X	0	.25
68	MP5C	Z	-31.89	.25
69	MP5C	Mx	-.014	.25
70	MP5C	X	0	4.75
71	MP5C	Z	-31.89	4.75
72	MP5C	Mx	-.014	4.75
73	MP3A	X	0	.25
74	MP3A	Z	-33.919	.25
75	MP3A	Mx	-.02	.25
76	MP3A	X	0	4.75
77	MP3A	Z	-33.919	4.75
78	MP3A	Mx	-.02	4.75
79	MP3B	X	0	.25
80	MP3B	Z	-26.034	.25
81	MP3B	Mx	.019	.25
82	MP3B	X	0	4.75
83	MP3B	Z	-26.034	4.75
84	MP3B	Mx	.019	4.75
85	MP3C	X	0	.25
86	MP3C	Z	-26.034	.25
87	MP3C	Mx	-.004	.25
88	MP3C	X	0	4.75
89	MP3C	Z	-26.034	4.75
90	MP3C	Mx	-.004	4.75
91	MP3A	X	0	.25
92	MP3A	Z	-33.919	.25
93	MP3A	Mx	.02	.25
94	MP3A	X	0	4.75
95	MP3A	Z	-33.919	4.75
96	MP3A	Mx	.02	4.75
97	MP3B	X	0	.25
98	MP3B	Z	-26.034	.25
99	MP3B	Mx	.004	.25
100	MP3B	X	0	4.75
101	MP3B	Z	-26.034	4.75
102	MP3B	Mx	.004	4.75
103	MP3C	X	0	.25
104	MP3C	Z	-26.034	.25
105	MP3C	Mx	-.019	.25
106	MP3C	X	0	4.75
107	MP3C	Z	-26.034	4.75
108	MP3C	Mx	-.019	4.75
109	OVP	X	0	2.5
110	OVP	Z	-29.295	2.5
111	OVP	Mx	0	2.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
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Company :  
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 Job Number :  
 Model Name :

Dec 1, 2021  
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**Member Point Loads (BLC 16 : Antenna Wi (30 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP4A	X	8.657	1.5
2	MP4A	Z	-14.995	1.5
3	MP4A	Mx	-.004	1.5
4	MP4A	X	8.657	3.5
5	MP4A	Z	-14.995	3.5
6	MP4A	Mx	-.004	3.5
7	MP4B	X	4.311	1.5
8	MP4B	Z	-7.467	1.5
9	MP4B	Mx	.004	1.5
10	MP4B	X	4.311	3.5
11	MP4B	Z	-7.467	3.5
12	MP4B	Mx	.004	3.5
13	MP4C	X	8.657	1.5
14	MP4C	Z	-14.995	1.5
15	MP4C	Mx	-.004	1.5
16	MP4C	X	8.657	3.5
17	MP4C	Z	-14.995	3.5
18	MP4C	Mx	-.004	3.5
19	MP2A	X	7.878	2
20	MP2A	Z	-13.645	2
21	MP2A	Mx	.004	2
22	MP2B	X	5.934	2
23	MP2B	Z	-10.279	2
24	MP2B	Mx	-.006	2
25	MP2C	X	7.878	2
26	MP2C	Z	-13.645	2
27	MP2C	Mx	.004	2
28	MP3A	X	7.761	2
29	MP3A	Z	-13.443	2
30	MP3A	Mx	.004	2
31	MP3B	X	5.468	2
32	MP3B	Z	-9.471	2
33	MP3B	Mx	-.005	2
34	MP3C	X	7.761	2
35	MP3C	Z	-13.443	2
36	MP3C	Mx	.004	2
37	MP1A	X	11.768	.25
38	MP1A	Z	-20.382	.25
39	MP1A	Mx	-.006	.25
40	MP1A	X	11.768	4.75
41	MP1A	Z	-20.382	4.75
42	MP1A	Mx	-.006	4.75
43	MP1B	X	18.034	.25
44	MP1B	Z	-31.235	.25
45	MP1B	Mx	.018	.25
46	MP1B	X	18.034	4.75
47	MP1B	Z	-31.235	4.75
48	MP1B	Mx	.018	4.75
49	MP1C	X	11.768	.25
50	MP1C	Z	-20.382	.25
51	MP1C	Mx	-.006	.25
52	MP1C	X	11.768	4.75
53	MP1C	Z	-20.382	4.75
54	MP1C	Mx	-.006	4.75
55	MP5A	X	11.768	.25
56	MP5A	Z	-20.382	.25
57	MP5A	Mx	-.006	.25



Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
 1:35 PM  
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**Member Point Loads (BLC 16 : Antenna Wi (30 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
58	MP5A	X	11.768	4.75
59	MP5A	Z	-20.382	4.75
60	MP5A	Mx	-.006	4.75
61	MP5B	X	18.034	.25
62	MP5B	Z	-31.235	.25
63	MP5B	Mx	.018	.25
64	MP5B	X	18.034	4.75
65	MP5B	Z	-31.235	4.75
66	MP5B	Mx	.018	4.75
67	MP5C	X	11.768	.25
68	MP5C	Z	-20.382	.25
69	MP5C	Mx	-.006	.25
70	MP5C	X	11.768	4.75
71	MP5C	Z	-20.382	4.75
72	MP5C	Mx	-.006	4.75
73	MP3A	X	15.645	.25
74	MP3A	Z	-27.098	.25
75	MP3A	Mx	-.024	.25
76	MP3A	X	15.645	4.75
77	MP3A	Z	-27.098	4.75
78	MP3A	Mx	-.024	4.75
79	MP3B	X	11.703	.25
80	MP3B	Z	-20.27	.25
81	MP3B	Mx	.012	.25
82	MP3B	X	11.703	4.75
83	MP3B	Z	-20.27	4.75
84	MP3B	Mx	.012	4.75
85	MP3C	X	15.645	.25
86	MP3C	Z	-27.098	.25
87	MP3C	Mx	.008	.25
88	MP3C	X	15.645	4.75
89	MP3C	Z	-27.098	4.75
90	MP3C	Mx	.008	4.75
91	MP3A	X	15.645	.25
92	MP3A	Z	-27.098	.25
93	MP3A	Mx	.008	.25
94	MP3A	X	15.645	4.75
95	MP3A	Z	-27.098	4.75
96	MP3A	Mx	.008	4.75
97	MP3B	X	11.703	.25
98	MP3B	Z	-20.27	.25
99	MP3B	Mx	.012	.25
100	MP3B	X	11.703	4.75
101	MP3B	Z	-20.27	4.75
102	MP3B	Mx	.012	4.75
103	MP3C	X	15.645	.25
104	MP3C	Z	-27.098	.25
105	MP3C	Mx	-.024	.25
106	MP3C	X	15.645	4.75
107	MP3C	Z	-27.098	4.75
108	MP3C	Mx	-.024	4.75
109	OVP	X	13.695	2.5
110	OVP	Z	-23.72	2.5
111	OVP	Mx	0	2.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
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Company :  
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 Job Number :  
 Model Name :

Dec 1, 2021  
 1:35 PM  
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**Member Point Loads (BLC 17 : Antenna Wi (60 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP4A	X	9.976	1.5
2	MP4A	Z	-5.76	1.5
3	MP4A	Mx	-.005	1.5
4	MP4A	X	9.976	3.5
5	MP4A	Z	-5.76	3.5
6	MP4A	Mx	-.005	3.5
7	MP4B	X	9.976	1.5
8	MP4B	Z	-5.76	1.5
9	MP4B	Mx	.005	1.5
10	MP4B	X	9.976	3.5
11	MP4B	Z	-5.76	3.5
12	MP4B	Mx	.005	3.5
13	MP4C	X	17.505	1.5
14	MP4C	Z	-10.106	1.5
15	MP4C	Mx	0	1.5
16	MP4C	X	17.505	3.5
17	MP4C	Z	-10.106	3.5
18	MP4C	Mx	0	3.5
19	MP2A	X	11.401	2
20	MP2A	Z	-6.582	2
21	MP2A	Mx	.006	2
22	MP2B	X	11.401	2
23	MP2B	Z	-6.582	2
24	MP2B	Mx	-.006	2
25	MP2C	X	14.767	2
26	MP2C	Z	-8.526	2
27	MP2C	Mx	0	2
28	MP3A	X	10.795	2
29	MP3A	Z	-6.232	2
30	MP3A	Mx	.005	2
31	MP3B	X	10.795	2
32	MP3B	Z	-6.232	2
33	MP3B	Mx	-.005	2
34	MP3C	X	14.767	2
35	MP3C	Z	-8.526	2
36	MP3C	Mx	0	2
37	MP1A	X	27.617	.25
38	MP1A	Z	-15.945	.25
39	MP1A	Mx	-.014	.25
40	MP1A	X	27.617	4.75
41	MP1A	Z	-15.945	4.75
42	MP1A	Mx	-.014	4.75
43	MP1B	X	27.617	.25
44	MP1B	Z	-15.945	.25
45	MP1B	Mx	.014	.25
46	MP1B	X	27.617	4.75
47	MP1B	Z	-15.945	4.75
48	MP1B	Mx	.014	4.75
49	MP1C	X	16.765	.25
50	MP1C	Z	-9.679	.25
51	MP1C	Mx	0	.25
52	MP1C	X	16.765	4.75
53	MP1C	Z	-9.679	4.75
54	MP1C	Mx	0	4.75
55	MP5A	X	27.617	.25
56	MP5A	Z	-15.945	.25
57	MP5A	Mx	-.014	.25



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 Job Number :  
 Model Name :

Dec 1, 2021  
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**Member Point Loads (BLC 17 : Antenna Wi (60 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
58	MP5A	X	27.617	4.75
59	MP5A	Z	-15.945	4.75
60	MP5A	Mx	-.014	4.75
61	MP5B	X	27.617	.25
62	MP5B	Z	-15.945	.25
63	MP5B	Mx	.014	.25
64	MP5B	X	27.617	4.75
65	MP5B	Z	-15.945	4.75
66	MP5B	Mx	.014	4.75
67	MP5C	X	16.765	.25
68	MP5C	Z	-9.679	.25
69	MP5C	Mx	0	.25
70	MP5C	X	16.765	4.75
71	MP5C	Z	-9.679	4.75
72	MP5C	Mx	0	4.75
73	MP3A	X	22.546	.25
74	MP3A	Z	-13.017	.25
75	MP3A	Mx	-.019	.25
76	MP3A	X	22.546	4.75
77	MP3A	Z	-13.017	4.75
78	MP3A	Mx	-.019	4.75
79	MP3B	X	22.546	.25
80	MP3B	Z	-13.017	.25
81	MP3B	Mx	.004	.25
82	MP3B	X	22.546	4.75
83	MP3B	Z	-13.017	4.75
84	MP3B	Mx	.004	4.75
85	MP3C	X	29.374	.25
86	MP3C	Z	-16.959	.25
87	MP3C	Mx	.02	.25
88	MP3C	X	29.374	4.75
89	MP3C	Z	-16.959	4.75
90	MP3C	Mx	.02	4.75
91	MP3A	X	22.546	.25
92	MP3A	Z	-13.017	.25
93	MP3A	Mx	-.004	.25
94	MP3A	X	22.546	4.75
95	MP3A	Z	-13.017	4.75
96	MP3A	Mx	-.004	4.75
97	MP3B	X	22.546	.25
98	MP3B	Z	-13.017	.25
99	MP3B	Mx	.019	.25
100	MP3B	X	22.546	4.75
101	MP3B	Z	-13.017	4.75
102	MP3B	Mx	.019	4.75
103	MP3C	X	29.374	.25
104	MP3C	Z	-16.959	.25
105	MP3C	Mx	-.02	.25
106	MP3C	X	29.374	4.75
107	MP3C	Z	-16.959	4.75
108	MP3C	Mx	-.02	4.75
109	OVP	X	25.37	2.5
110	OVP	Z	-14.648	2.5
111	OVP	Mx	0	2.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
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Company :  
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 Job Number :  
 Model Name :

Dec 1, 2021  
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**Member Point Loads (BLC 18 : Antenna Wi (90 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP4A	X	8.622	1.5
2	MP4A	Z	0	1.5
3	MP4A	Mx	-.004	1.5
4	MP4A	X	8.622	3.5
5	MP4A	Z	0	3.5
6	MP4A	Mx	-.004	3.5
7	MP4B	X	17.315	1.5
8	MP4B	Z	0	1.5
9	MP4B	Mx	.004	1.5
10	MP4B	X	17.315	3.5
11	MP4B	Z	0	3.5
12	MP4B	Mx	.004	3.5
13	MP4C	X	17.315	1.5
14	MP4C	Z	0	1.5
15	MP4C	Mx	.004	1.5
16	MP4C	X	17.315	3.5
17	MP4C	Z	0	3.5
18	MP4C	Mx	.004	3.5
19	MP2A	X	11.869	2
20	MP2A	Z	0	2
21	MP2A	Mx	.006	2
22	MP2B	X	15.756	2
23	MP2B	Z	0	2
24	MP2B	Mx	-.004	2
25	MP2C	X	15.756	2
26	MP2C	Z	0	2
27	MP2C	Mx	-.004	2
28	MP3A	X	10.936	2
29	MP3A	Z	0	2
30	MP3A	Mx	.005	2
31	MP3B	X	15.523	2
32	MP3B	Z	0	2
33	MP3B	Mx	-.004	2
34	MP3C	X	15.523	2
35	MP3C	Z	0	2
36	MP3C	Mx	-.004	2
37	MP1A	X	36.067	.25
38	MP1A	Z	0	.25
39	MP1A	Mx	-.018	.25
40	MP1A	X	36.067	4.75
41	MP1A	Z	0	4.75
42	MP1A	Mx	-.018	4.75
43	MP1B	X	23.535	.25
44	MP1B	Z	0	.25
45	MP1B	Mx	.006	.25
46	MP1B	X	23.535	4.75
47	MP1B	Z	0	4.75
48	MP1B	Mx	.006	4.75
49	MP1C	X	23.535	.25
50	MP1C	Z	0	.25
51	MP1C	Mx	.006	.25
52	MP1C	X	23.535	4.75
53	MP1C	Z	0	4.75
54	MP1C	Mx	.006	4.75
55	MP5A	X	36.067	.25
56	MP5A	Z	0	.25
57	MP5A	Mx	-.018	.25



Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
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**Member Point Loads (BLC 18 : Antenna Wi (90 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
58	MP5A	X	36.067	4.75
59	MP5A	Z	0	4.75
60	MP5A	Mx	-.018	4.75
61	MP5B	X	23.535	.25
62	MP5B	Z	0	.25
63	MP5B	Mx	.006	.25
64	MP5B	X	23.535	4.75
65	MP5B	Z	0	4.75
66	MP5B	Mx	.006	4.75
67	MP5C	X	23.535	.25
68	MP5C	Z	0	.25
69	MP5C	Mx	.006	.25
70	MP5C	X	23.535	4.75
71	MP5C	Z	0	4.75
72	MP5C	Mx	.006	4.75
73	MP3A	X	23.405	.25
74	MP3A	Z	0	.25
75	MP3A	Mx	-.012	.25
76	MP3A	X	23.405	4.75
77	MP3A	Z	0	4.75
78	MP3A	Mx	-.012	4.75
79	MP3B	X	31.29	.25
80	MP3B	Z	0	.25
81	MP3B	Mx	-.008	.25
82	MP3B	X	31.29	4.75
83	MP3B	Z	0	4.75
84	MP3B	Mx	-.008	4.75
85	MP3C	X	31.29	.25
86	MP3C	Z	0	.25
87	MP3C	Mx	.024	.25
88	MP3C	X	31.29	4.75
89	MP3C	Z	0	4.75
90	MP3C	Mx	.024	4.75
91	MP3A	X	23.405	.25
92	MP3A	Z	0	.25
93	MP3A	Mx	-.012	.25
94	MP3A	X	23.405	4.75
95	MP3A	Z	0	4.75
96	MP3A	Mx	-.012	4.75
97	MP3B	X	31.29	.25
98	MP3B	Z	0	.25
99	MP3B	Mx	.024	.25
100	MP3B	X	31.29	4.75
101	MP3B	Z	0	4.75
102	MP3B	Mx	.024	4.75
103	MP3C	X	31.29	.25
104	MP3C	Z	0	.25
105	MP3C	Mx	-.008	.25
106	MP3C	X	31.29	4.75
107	MP3C	Z	0	4.75
108	MP3C	Mx	-.008	4.75
109	OVP	X	33.107	2.5
110	OVP	Z	0	2.5
111	OVP	Mx	0	2.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
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 Job Number :  
 Model Name :

Dec 1, 2021  
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**Member Point Loads (BLC 19 : Antenna Wi (120 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP4A	X	9.976	1.5
2	MP4A	Z	5.76	1.5
3	MP4A	Mx	-.005	1.5
4	MP4A	X	9.976	3.5
5	MP4A	Z	5.76	3.5
6	MP4A	Mx	-.005	3.5
7	MP4B	X	17.505	1.5
8	MP4B	Z	10.106	1.5
9	MP4B	Mx	0	1.5
10	MP4B	X	17.505	3.5
11	MP4B	Z	10.106	3.5
12	MP4B	Mx	0	3.5
13	MP4C	X	9.976	1.5
14	MP4C	Z	5.76	1.5
15	MP4C	Mx	.005	1.5
16	MP4C	X	9.976	3.5
17	MP4C	Z	5.76	3.5
18	MP4C	Mx	.005	3.5
19	MP2A	X	11.401	2
20	MP2A	Z	6.582	2
21	MP2A	Mx	.006	2
22	MP2B	X	14.767	2
23	MP2B	Z	8.526	2
24	MP2B	Mx	0	2
25	MP2C	X	11.401	2
26	MP2C	Z	6.582	2
27	MP2C	Mx	-.006	2
28	MP3A	X	10.795	2
29	MP3A	Z	6.232	2
30	MP3A	Mx	.005	2
31	MP3B	X	14.767	2
32	MP3B	Z	8.526	2
33	MP3B	Mx	0	2
34	MP3C	X	10.795	2
35	MP3C	Z	6.232	2
36	MP3C	Mx	-.005	2
37	MP1A	X	27.617	.25
38	MP1A	Z	15.945	.25
39	MP1A	Mx	-.014	.25
40	MP1A	X	27.617	4.75
41	MP1A	Z	15.945	4.75
42	MP1A	Mx	-.014	4.75
43	MP1B	X	16.765	.25
44	MP1B	Z	9.679	.25
45	MP1B	Mx	0	.25
46	MP1B	X	16.765	4.75
47	MP1B	Z	9.679	4.75
48	MP1B	Mx	0	4.75
49	MP1C	X	27.617	.25
50	MP1C	Z	15.945	.25
51	MP1C	Mx	.014	.25
52	MP1C	X	27.617	4.75
53	MP1C	Z	15.945	4.75
54	MP1C	Mx	.014	4.75
55	MP5A	X	27.617	.25
56	MP5A	Z	15.945	.25
57	MP5A	Mx	-.014	.25



Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
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**Member Point Loads (BLC 19 : Antenna Wi (120 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
58	MP5A	X	27.617	4.75
59	MP5A	Z	15.945	4.75
60	MP5A	Mx	-.014	4.75
61	MP5B	X	16.765	.25
62	MP5B	Z	9.679	.25
63	MP5B	Mx	0	.25
64	MP5B	X	16.765	4.75
65	MP5B	Z	9.679	4.75
66	MP5B	Mx	0	4.75
67	MP5C	X	27.617	.25
68	MP5C	Z	15.945	.25
69	MP5C	Mx	.014	.25
70	MP5C	X	27.617	4.75
71	MP5C	Z	15.945	4.75
72	MP5C	Mx	.014	4.75
73	MP3A	X	22.546	.25
74	MP3A	Z	13.017	.25
75	MP3A	Mx	-.004	.25
76	MP3A	X	22.546	4.75
77	MP3A	Z	13.017	4.75
78	MP3A	Mx	-.004	4.75
79	MP3B	X	29.374	.25
80	MP3B	Z	16.959	.25
81	MP3B	Mx	-.02	.25
82	MP3B	X	29.374	4.75
83	MP3B	Z	16.959	4.75
84	MP3B	Mx	-.02	4.75
85	MP3C	X	22.546	.25
86	MP3C	Z	13.017	.25
87	MP3C	Mx	.019	.25
88	MP3C	X	22.546	4.75
89	MP3C	Z	13.017	4.75
90	MP3C	Mx	.019	4.75
91	MP3A	X	22.546	.25
92	MP3A	Z	13.017	.25
93	MP3A	Mx	-.019	.25
94	MP3A	X	22.546	4.75
95	MP3A	Z	13.017	4.75
96	MP3A	Mx	-.019	4.75
97	MP3B	X	29.374	.25
98	MP3B	Z	16.959	.25
99	MP3B	Mx	.02	.25
100	MP3B	X	29.374	4.75
101	MP3B	Z	16.959	4.75
102	MP3B	Mx	.02	4.75
103	MP3C	X	22.546	.25
104	MP3C	Z	13.017	.25
105	MP3C	Mx	.004	.25
106	MP3C	X	22.546	4.75
107	MP3C	Z	13.017	4.75
108	MP3C	Mx	.004	4.75
109	OVP	X	30.322	2.5
110	OVP	Z	17.506	2.5
111	OVP	Mx	0	2.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
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 Job Number :  
 Model Name :

Dec 1, 2021  
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**Member Point Loads (BLC 20 : Antenna Wi (150 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP4A	X	8.657	1.5
2	MP4A	Z	14.995	1.5
3	MP4A	Mx	-.004	1.5
4	MP4A	X	8.657	3.5
5	MP4A	Z	14.995	3.5
6	MP4A	Mx	-.004	3.5
7	MP4B	X	8.657	1.5
8	MP4B	Z	14.995	1.5
9	MP4B	Mx	-.004	1.5
10	MP4B	X	8.657	3.5
11	MP4B	Z	14.995	3.5
12	MP4B	Mx	-.004	3.5
13	MP4C	X	4.311	1.5
14	MP4C	Z	7.467	1.5
15	MP4C	Mx	.004	1.5
16	MP4C	X	4.311	3.5
17	MP4C	Z	7.467	3.5
18	MP4C	Mx	.004	3.5
19	MP2A	X	7.878	2
20	MP2A	Z	13.645	2
21	MP2A	Mx	.004	2
22	MP2B	X	7.878	2
23	MP2B	Z	13.645	2
24	MP2B	Mx	.004	2
25	MP2C	X	5.934	2
26	MP2C	Z	10.279	2
27	MP2C	Mx	-.006	2
28	MP3A	X	7.761	2
29	MP3A	Z	13.443	2
30	MP3A	Mx	.004	2
31	MP3B	X	7.761	2
32	MP3B	Z	13.443	2
33	MP3B	Mx	.004	2
34	MP3C	X	5.468	2
35	MP3C	Z	9.471	2
36	MP3C	Mx	-.005	2
37	MP1A	X	11.768	.25
38	MP1A	Z	20.382	.25
39	MP1A	Mx	-.006	.25
40	MP1A	X	11.768	4.75
41	MP1A	Z	20.382	4.75
42	MP1A	Mx	-.006	4.75
43	MP1B	X	11.768	.25
44	MP1B	Z	20.382	.25
45	MP1B	Mx	-.006	.25
46	MP1B	X	11.768	4.75
47	MP1B	Z	20.382	4.75
48	MP1B	Mx	-.006	4.75
49	MP1C	X	18.034	.25
50	MP1C	Z	31.235	.25
51	MP1C	Mx	.018	.25
52	MP1C	X	18.034	4.75
53	MP1C	Z	31.235	4.75
54	MP1C	Mx	.018	4.75
55	MP5A	X	11.768	.25
56	MP5A	Z	20.382	.25
57	MP5A	Mx	-.006	.25



Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
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**Member Point Loads (BLC 20 : Antenna Wi (150 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
58	MP5A	X	11.768	4.75
59	MP5A	Z	20.382	4.75
60	MP5A	Mx	-.006	4.75
61	MP5B	X	11.768	.25
62	MP5B	Z	20.382	.25
63	MP5B	Mx	-.006	.25
64	MP5B	X	11.768	4.75
65	MP5B	Z	20.382	4.75
66	MP5B	Mx	-.006	4.75
67	MP5C	X	18.034	.25
68	MP5C	Z	31.235	.25
69	MP5C	Mx	.018	.25
70	MP5C	X	18.034	4.75
71	MP5C	Z	31.235	4.75
72	MP5C	Mx	.018	4.75
73	MP3A	X	15.645	.25
74	MP3A	Z	27.098	.25
75	MP3A	Mx	.008	.25
76	MP3A	X	15.645	4.75
77	MP3A	Z	27.098	4.75
78	MP3A	Mx	.008	4.75
79	MP3B	X	15.645	.25
80	MP3B	Z	27.098	.25
81	MP3B	Mx	-.024	.25
82	MP3B	X	15.645	4.75
83	MP3B	Z	27.098	4.75
84	MP3B	Mx	-.024	4.75
85	MP3C	X	11.703	.25
86	MP3C	Z	20.27	.25
87	MP3C	Mx	.012	.25
88	MP3C	X	11.703	4.75
89	MP3C	Z	20.27	4.75
90	MP3C	Mx	.012	4.75
91	MP3A	X	15.645	.25
92	MP3A	Z	27.098	.25
93	MP3A	Mx	-.024	.25
94	MP3A	X	15.645	4.75
95	MP3A	Z	27.098	4.75
96	MP3A	Mx	-.024	4.75
97	MP3B	X	15.645	.25
98	MP3B	Z	27.098	.25
99	MP3B	Mx	.008	.25
100	MP3B	X	15.645	4.75
101	MP3B	Z	27.098	4.75
102	MP3B	Mx	.008	4.75
103	MP3C	X	11.703	.25
104	MP3C	Z	20.27	.25
105	MP3C	Mx	.012	.25
106	MP3C	X	11.703	4.75
107	MP3C	Z	20.27	4.75
108	MP3C	Mx	.012	4.75
109	OVP	X	16.553	2.5
110	OVP	Z	28.671	2.5
111	OVP	Mx	0	2.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
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 Job Number :  
 Model Name :

Dec 1, 2021  
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**Member Point Loads (BLC 21 : Antenna Wi (180 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP4A	X	0	1.5
2	MP4A	Z	20.213	1.5
3	MP4A	Mx	0	1.5
4	MP4A	X	0	3.5
5	MP4A	Z	20.213	3.5
6	MP4A	Mx	0	3.5
7	MP4B	X	0	1.5
8	MP4B	Z	11.52	1.5
9	MP4B	Mx	-.005	1.5
10	MP4B	X	0	3.5
11	MP4B	Z	11.52	3.5
12	MP4B	Mx	-.005	3.5
13	MP4C	X	0	1.5
14	MP4C	Z	11.52	1.5
15	MP4C	Mx	.005	1.5
16	MP4C	X	0	3.5
17	MP4C	Z	11.52	3.5
18	MP4C	Mx	.005	3.5
19	MP2A	X	0	2
20	MP2A	Z	17.051	2
21	MP2A	Mx	0	2
22	MP2B	X	0	2
23	MP2B	Z	13.164	2
24	MP2B	Mx	.006	2
25	MP2C	X	0	2
26	MP2C	Z	13.164	2
27	MP2C	Mx	-.006	2
28	MP3A	X	0	2
29	MP3A	Z	17.051	2
30	MP3A	Mx	0	2
31	MP3B	X	0	2
32	MP3B	Z	12.465	2
33	MP3B	Mx	.005	2
34	MP3C	X	0	2
35	MP3C	Z	12.465	2
36	MP3C	Mx	-.005	2
37	MP1A	X	0	.25
38	MP1A	Z	19.358	.25
39	MP1A	Mx	0	.25
40	MP1A	X	0	4.75
41	MP1A	Z	19.358	4.75
42	MP1A	Mx	0	4.75
43	MP1B	X	0	.25
44	MP1B	Z	31.89	.25
45	MP1B	Mx	-.014	.25
46	MP1B	X	0	4.75
47	MP1B	Z	31.89	4.75
48	MP1B	Mx	-.014	4.75
49	MP1C	X	0	.25
50	MP1C	Z	31.89	.25
51	MP1C	Mx	.014	.25
52	MP1C	X	0	4.75
53	MP1C	Z	31.89	4.75
54	MP1C	Mx	.014	4.75
55	MP5A	X	0	.25
56	MP5A	Z	19.358	.25
57	MP5A	Mx	0	.25



Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
 1:35 PM  
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**Member Point Loads (BLC 21 : Antenna Wi (180 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
58	MP5A	X	0	4.75
59	MP5A	Z	19.358	4.75
60	MP5A	Mx	0	4.75
61	MP5B	X	0	.25
62	MP5B	Z	31.89	.25
63	MP5B	Mx	-.014	.25
64	MP5B	X	0	4.75
65	MP5B	Z	31.89	4.75
66	MP5B	Mx	-.014	4.75
67	MP5C	X	0	.25
68	MP5C	Z	31.89	.25
69	MP5C	Mx	.014	.25
70	MP5C	X	0	4.75
71	MP5C	Z	31.89	4.75
72	MP5C	Mx	.014	4.75
73	MP3A	X	0	.25
74	MP3A	Z	33.919	.25
75	MP3A	Mx	.02	.25
76	MP3A	X	0	4.75
77	MP3A	Z	33.919	4.75
78	MP3A	Mx	.02	4.75
79	MP3B	X	0	.25
80	MP3B	Z	26.034	.25
81	MP3B	Mx	-.019	.25
82	MP3B	X	0	4.75
83	MP3B	Z	26.034	4.75
84	MP3B	Mx	-.019	4.75
85	MP3C	X	0	.25
86	MP3C	Z	26.034	.25
87	MP3C	Mx	.004	.25
88	MP3C	X	0	4.75
89	MP3C	Z	26.034	4.75
90	MP3C	Mx	.004	4.75
91	MP3A	X	0	.25
92	MP3A	Z	33.919	.25
93	MP3A	Mx	-.02	.25
94	MP3A	X	0	4.75
95	MP3A	Z	33.919	4.75
96	MP3A	Mx	-.02	4.75
97	MP3B	X	0	.25
98	MP3B	Z	26.034	.25
99	MP3B	Mx	-.004	.25
100	MP3B	X	0	4.75
101	MP3B	Z	26.034	4.75
102	MP3B	Mx	-.004	4.75
103	MP3C	X	0	.25
104	MP3C	Z	26.034	.25
105	MP3C	Mx	.019	.25
106	MP3C	X	0	4.75
107	MP3C	Z	26.034	4.75
108	MP3C	Mx	.019	4.75
109	OVP	X	0	2.5
110	OVP	Z	29.295	2.5
111	OVP	Mx	0	2.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
RISA-3D Version 17.0.4 [.....\Rev 0\Risa\469148-VZW_MT_LO_H.r3d] Page 64				



Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
 1:35 PM  
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**Member Point Loads (BLC 22 : Antenna Wi (210 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP4A	X	-8.657	1.5
2	MP4A	Z	14.995	1.5
3	MP4A	Mx	.004	1.5
4	MP4A	X	-8.657	3.5
5	MP4A	Z	14.995	3.5
6	MP4A	Mx	.004	3.5
7	MP4B	X	-4.311	1.5
8	MP4B	Z	7.467	1.5
9	MP4B	Mx	-.004	1.5
10	MP4B	X	-4.311	3.5
11	MP4B	Z	7.467	3.5
12	MP4B	Mx	-.004	3.5
13	MP4C	X	-8.657	1.5
14	MP4C	Z	14.995	1.5
15	MP4C	Mx	.004	1.5
16	MP4C	X	-8.657	3.5
17	MP4C	Z	14.995	3.5
18	MP4C	Mx	.004	3.5
19	MP2A	X	-7.878	2
20	MP2A	Z	13.645	2
21	MP2A	Mx	-.004	2
22	MP2B	X	-5.934	2
23	MP2B	Z	10.279	2
24	MP2B	Mx	.006	2
25	MP2C	X	-7.878	2
26	MP2C	Z	13.645	2
27	MP2C	Mx	-.004	2
28	MP3A	X	-7.761	2
29	MP3A	Z	13.443	2
30	MP3A	Mx	-.004	2
31	MP3B	X	-5.468	2
32	MP3B	Z	9.471	2
33	MP3B	Mx	.005	2
34	MP3C	X	-7.761	2
35	MP3C	Z	13.443	2
36	MP3C	Mx	-.004	2
37	MP1A	X	-11.768	.25
38	MP1A	Z	20.382	.25
39	MP1A	Mx	.006	.25
40	MP1A	X	-11.768	4.75
41	MP1A	Z	20.382	4.75
42	MP1A	Mx	.006	4.75
43	MP1B	X	-18.034	.25
44	MP1B	Z	31.235	.25
45	MP1B	Mx	-.018	.25
46	MP1B	X	-18.034	4.75
47	MP1B	Z	31.235	4.75
48	MP1B	Mx	-.018	4.75
49	MP1C	X	-11.768	.25
50	MP1C	Z	20.382	.25
51	MP1C	Mx	.006	.25
52	MP1C	X	-11.768	4.75
53	MP1C	Z	20.382	4.75
54	MP1C	Mx	.006	4.75
55	MP5A	X	-11.768	.25
56	MP5A	Z	20.382	.25
57	MP5A	Mx	.006	.25



Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
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**Member Point Loads (BLC 22 : Antenna Wi (210 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
58	MP5A	X	-11.768	4.75
59	MP5A	Z	20.382	4.75
60	MP5A	Mx	.006	4.75
61	MP5B	X	-18.034	.25
62	MP5B	Z	31.235	.25
63	MP5B	Mx	-.018	.25
64	MP5B	X	-18.034	4.75
65	MP5B	Z	31.235	4.75
66	MP5B	Mx	-.018	4.75
67	MP5C	X	-11.768	.25
68	MP5C	Z	20.382	.25
69	MP5C	Mx	.006	.25
70	MP5C	X	-11.768	4.75
71	MP5C	Z	20.382	4.75
72	MP5C	Mx	.006	4.75
73	MP3A	X	-15.645	.25
74	MP3A	Z	27.098	.25
75	MP3A	Mx	.024	.25
76	MP3A	X	-15.645	4.75
77	MP3A	Z	27.098	4.75
78	MP3A	Mx	.024	4.75
79	MP3B	X	-11.703	.25
80	MP3B	Z	20.27	.25
81	MP3B	Mx	-.012	.25
82	MP3B	X	-11.703	4.75
83	MP3B	Z	20.27	4.75
84	MP3B	Mx	-.012	4.75
85	MP3C	X	-15.645	.25
86	MP3C	Z	27.098	.25
87	MP3C	Mx	-.008	.25
88	MP3C	X	-15.645	4.75
89	MP3C	Z	27.098	4.75
90	MP3C	Mx	-.008	4.75
91	MP3A	X	-15.645	.25
92	MP3A	Z	27.098	.25
93	MP3A	Mx	-.008	.25
94	MP3A	X	-15.645	4.75
95	MP3A	Z	27.098	4.75
96	MP3A	Mx	-.008	4.75
97	MP3B	X	-11.703	.25
98	MP3B	Z	20.27	.25
99	MP3B	Mx	-.012	.25
100	MP3B	X	-11.703	4.75
101	MP3B	Z	20.27	4.75
102	MP3B	Mx	-.012	4.75
103	MP3C	X	-15.645	.25
104	MP3C	Z	27.098	.25
105	MP3C	Mx	.024	.25
106	MP3C	X	-15.645	4.75
107	MP3C	Z	27.098	4.75
108	MP3C	Mx	.024	4.75
109	OVP	X	-13.695	2.5
110	OVP	Z	23.72	2.5
111	OVP	Mx	0	2.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
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 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
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**Member Point Loads (BLC 23 : Antenna Wi (240 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP4A	X	-9.976	1.5
2	MP4A	Z	5.76	1.5
3	MP4A	Mx	.005	1.5
4	MP4A	X	-9.976	3.5
5	MP4A	Z	5.76	3.5
6	MP4A	Mx	.005	3.5
7	MP4B	X	-9.976	1.5
8	MP4B	Z	5.76	1.5
9	MP4B	Mx	-.005	1.5
10	MP4B	X	-9.976	3.5
11	MP4B	Z	5.76	3.5
12	MP4B	Mx	-.005	3.5
13	MP4C	X	-17.505	1.5
14	MP4C	Z	10.106	1.5
15	MP4C	Mx	0	1.5
16	MP4C	X	-17.505	3.5
17	MP4C	Z	10.106	3.5
18	MP4C	Mx	0	3.5
19	MP2A	X	-11.401	2
20	MP2A	Z	6.582	2
21	MP2A	Mx	-.006	2
22	MP2B	X	-11.401	2
23	MP2B	Z	6.582	2
24	MP2B	Mx	.006	2
25	MP2C	X	-14.767	2
26	MP2C	Z	8.526	2
27	MP2C	Mx	0	2
28	MP3A	X	-10.795	2
29	MP3A	Z	6.232	2
30	MP3A	Mx	-.005	2
31	MP3B	X	-10.795	2
32	MP3B	Z	6.232	2
33	MP3B	Mx	.005	2
34	MP3C	X	-14.767	2
35	MP3C	Z	8.526	2
36	MP3C	Mx	0	2
37	MP1A	X	-27.617	.25
38	MP1A	Z	15.945	.25
39	MP1A	Mx	.014	.25
40	MP1A	X	-27.617	4.75
41	MP1A	Z	15.945	4.75
42	MP1A	Mx	.014	4.75
43	MP1B	X	-27.617	.25
44	MP1B	Z	15.945	.25
45	MP1B	Mx	-.014	.25
46	MP1B	X	-27.617	4.75
47	MP1B	Z	15.945	4.75
48	MP1B	Mx	-.014	4.75
49	MP1C	X	-16.765	.25
50	MP1C	Z	9.679	.25
51	MP1C	Mx	0	.25
52	MP1C	X	-16.765	4.75
53	MP1C	Z	9.679	4.75
54	MP1C	Mx	0	4.75
55	MP5A	X	-27.617	.25
56	MP5A	Z	15.945	.25
57	MP5A	Mx	.014	.25



Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
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**Member Point Loads (BLC 23 : Antenna Wi (240 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
58	MP5A	X	-27.617	4.75
59	MP5A	Z	15.945	4.75
60	MP5A	Mx	.014	4.75
61	MP5B	X	-27.617	.25
62	MP5B	Z	15.945	.25
63	MP5B	Mx	-.014	.25
64	MP5B	X	-27.617	4.75
65	MP5B	Z	15.945	4.75
66	MP5B	Mx	-.014	4.75
67	MP5C	X	-16.765	.25
68	MP5C	Z	9.679	.25
69	MP5C	Mx	0	.25
70	MP5C	X	-16.765	4.75
71	MP5C	Z	9.679	4.75
72	MP5C	Mx	0	4.75
73	MP3A	X	-22.546	.25
74	MP3A	Z	13.017	.25
75	MP3A	Mx	.019	.25
76	MP3A	X	-22.546	4.75
77	MP3A	Z	13.017	4.75
78	MP3A	Mx	.019	4.75
79	MP3B	X	-22.546	.25
80	MP3B	Z	13.017	.25
81	MP3B	Mx	-.004	.25
82	MP3B	X	-22.546	4.75
83	MP3B	Z	13.017	4.75
84	MP3B	Mx	-.004	4.75
85	MP3C	X	-29.374	.25
86	MP3C	Z	16.959	.25
87	MP3C	Mx	-.02	.25
88	MP3C	X	-29.374	4.75
89	MP3C	Z	16.959	4.75
90	MP3C	Mx	-.02	4.75
91	MP3A	X	-22.546	.25
92	MP3A	Z	13.017	.25
93	MP3A	Mx	.004	.25
94	MP3A	X	-22.546	4.75
95	MP3A	Z	13.017	4.75
96	MP3A	Mx	.004	4.75
97	MP3B	X	-22.546	.25
98	MP3B	Z	13.017	.25
99	MP3B	Mx	-.019	.25
100	MP3B	X	-22.546	4.75
101	MP3B	Z	13.017	4.75
102	MP3B	Mx	-.019	4.75
103	MP3C	X	-29.374	.25
104	MP3C	Z	16.959	.25
105	MP3C	Mx	.02	.25
106	MP3C	X	-29.374	4.75
107	MP3C	Z	16.959	4.75
108	MP3C	Mx	.02	4.75
109	OVP	X	-25.37	2.5
110	OVP	Z	14.648	2.5
111	OVP	Mx	0	2.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
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 Job Number :  
 Model Name :

Dec 1, 2021  
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**Member Point Loads (BLC 24 : Antenna Wi (270 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP4A	X	-8.622	1.5
2	MP4A	Z	0	1.5
3	MP4A	Mx	.004	1.5
4	MP4A	X	-8.622	3.5
5	MP4A	Z	0	3.5
6	MP4A	Mx	.004	3.5
7	MP4B	X	-17.315	1.5
8	MP4B	Z	0	1.5
9	MP4B	Mx	-.004	1.5
10	MP4B	X	-17.315	3.5
11	MP4B	Z	0	3.5
12	MP4B	Mx	-.004	3.5
13	MP4C	X	-17.315	1.5
14	MP4C	Z	0	1.5
15	MP4C	Mx	-.004	1.5
16	MP4C	X	-17.315	3.5
17	MP4C	Z	0	3.5
18	MP4C	Mx	-.004	3.5
19	MP2A	X	-11.869	2
20	MP2A	Z	0	2
21	MP2A	Mx	-.006	2
22	MP2B	X	-15.756	2
23	MP2B	Z	0	2
24	MP2B	Mx	.004	2
25	MP2C	X	-15.756	2
26	MP2C	Z	0	2
27	MP2C	Mx	.004	2
28	MP3A	X	-10.936	2
29	MP3A	Z	0	2
30	MP3A	Mx	-.005	2
31	MP3B	X	-15.523	2
32	MP3B	Z	0	2
33	MP3B	Mx	.004	2
34	MP3C	X	-15.523	2
35	MP3C	Z	0	2
36	MP3C	Mx	.004	2
37	MP1A	X	-36.067	.25
38	MP1A	Z	0	.25
39	MP1A	Mx	.018	.25
40	MP1A	X	-36.067	4.75
41	MP1A	Z	0	4.75
42	MP1A	Mx	.018	4.75
43	MP1B	X	-23.535	.25
44	MP1B	Z	0	.25
45	MP1B	Mx	-.006	.25
46	MP1B	X	-23.535	4.75
47	MP1B	Z	0	4.75
48	MP1B	Mx	-.006	4.75
49	MP1C	X	-23.535	.25
50	MP1C	Z	0	.25
51	MP1C	Mx	-.006	.25
52	MP1C	X	-23.535	4.75
53	MP1C	Z	0	4.75
54	MP1C	Mx	-.006	4.75
55	MP5A	X	-36.067	.25
56	MP5A	Z	0	.25
57	MP5A	Mx	.018	.25



Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
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**Member Point Loads (BLC 24 : Antenna Wi (270 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
58	MP5A	X	-36.067	4.75
59	MP5A	Z	0	4.75
60	MP5A	Mx	.018	4.75
61	MP5B	X	-23.535	.25
62	MP5B	Z	0	.25
63	MP5B	Mx	-.006	.25
64	MP5B	X	-23.535	4.75
65	MP5B	Z	0	4.75
66	MP5B	Mx	-.006	4.75
67	MP5C	X	-23.535	.25
68	MP5C	Z	0	.25
69	MP5C	Mx	-.006	.25
70	MP5C	X	-23.535	4.75
71	MP5C	Z	0	4.75
72	MP5C	Mx	-.006	4.75
73	MP3A	X	-23.405	.25
74	MP3A	Z	0	.25
75	MP3A	Mx	.012	.25
76	MP3A	X	-23.405	4.75
77	MP3A	Z	0	4.75
78	MP3A	Mx	.012	4.75
79	MP3B	X	-31.29	.25
80	MP3B	Z	0	.25
81	MP3B	Mx	.008	.25
82	MP3B	X	-31.29	4.75
83	MP3B	Z	0	4.75
84	MP3B	Mx	.008	4.75
85	MP3C	X	-31.29	.25
86	MP3C	Z	0	.25
87	MP3C	Mx	-.024	.25
88	MP3C	X	-31.29	4.75
89	MP3C	Z	0	4.75
90	MP3C	Mx	-.024	4.75
91	MP3A	X	-23.405	.25
92	MP3A	Z	0	.25
93	MP3A	Mx	.012	.25
94	MP3A	X	-23.405	4.75
95	MP3A	Z	0	4.75
96	MP3A	Mx	.012	4.75
97	MP3B	X	-31.29	.25
98	MP3B	Z	0	.25
99	MP3B	Mx	-.024	.25
100	MP3B	X	-31.29	4.75
101	MP3B	Z	0	4.75
102	MP3B	Mx	-.024	4.75
103	MP3C	X	-31.29	.25
104	MP3C	Z	0	.25
105	MP3C	Mx	.008	.25
106	MP3C	X	-31.29	4.75
107	MP3C	Z	0	4.75
108	MP3C	Mx	.008	4.75
109	OVP	X	-33.107	2.5
110	OVP	Z	0	2.5
111	OVP	Mx	0	2.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
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 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
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**Member Point Loads (BLC 25 : Antenna Wi (300 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP4A	X	-9.976	1.5
2	MP4A	Z	-5.76	1.5
3	MP4A	Mx	.005	1.5
4	MP4A	X	-9.976	3.5
5	MP4A	Z	-5.76	3.5
6	MP4A	Mx	.005	3.5
7	MP4B	X	-17.505	1.5
8	MP4B	Z	-10.106	1.5
9	MP4B	Mx	0	1.5
10	MP4B	X	-17.505	3.5
11	MP4B	Z	-10.106	3.5
12	MP4B	Mx	0	3.5
13	MP4C	X	-9.976	1.5
14	MP4C	Z	-5.76	1.5
15	MP4C	Mx	-.005	1.5
16	MP4C	X	-9.976	3.5
17	MP4C	Z	-5.76	3.5
18	MP4C	Mx	-.005	3.5
19	MP2A	X	-11.401	2
20	MP2A	Z	-6.582	2
21	MP2A	Mx	-.006	2
22	MP2B	X	-14.767	2
23	MP2B	Z	-8.526	2
24	MP2B	Mx	0	2
25	MP2C	X	-11.401	2
26	MP2C	Z	-6.582	2
27	MP2C	Mx	.006	2
28	MP3A	X	-10.795	2
29	MP3A	Z	-6.232	2
30	MP3A	Mx	-.005	2
31	MP3B	X	-14.767	2
32	MP3B	Z	-8.526	2
33	MP3B	Mx	0	2
34	MP3C	X	-10.795	2
35	MP3C	Z	-6.232	2
36	MP3C	Mx	.005	2
37	MP1A	X	-27.617	.25
38	MP1A	Z	-15.945	.25
39	MP1A	Mx	.014	.25
40	MP1A	X	-27.617	4.75
41	MP1A	Z	-15.945	4.75
42	MP1A	Mx	.014	4.75
43	MP1B	X	-16.765	.25
44	MP1B	Z	-9.679	.25
45	MP1B	Mx	0	.25
46	MP1B	X	-16.765	4.75
47	MP1B	Z	-9.679	4.75
48	MP1B	Mx	0	4.75
49	MP1C	X	-27.617	.25
50	MP1C	Z	-15.945	.25
51	MP1C	Mx	-.014	.25
52	MP1C	X	-27.617	4.75
53	MP1C	Z	-15.945	4.75
54	MP1C	Mx	-.014	4.75
55	MP5A	X	-27.617	.25
56	MP5A	Z	-15.945	.25
57	MP5A	Mx	.014	.25



Company :  
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 Job Number :  
 Model Name :

Dec 1, 2021  
 1:35 PM  
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**Member Point Loads (BLC 25 : Antenna Wi (300 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
58	MP5A	X	-27.617	4.75
59	MP5A	Z	-15.945	4.75
60	MP5A	Mx	.014	4.75
61	MP5B	X	-16.765	.25
62	MP5B	Z	-9.679	.25
63	MP5B	Mx	0	.25
64	MP5B	X	-16.765	4.75
65	MP5B	Z	-9.679	4.75
66	MP5B	Mx	0	4.75
67	MP5C	X	-27.617	.25
68	MP5C	Z	-15.945	.25
69	MP5C	Mx	-.014	.25
70	MP5C	X	-27.617	4.75
71	MP5C	Z	-15.945	4.75
72	MP5C	Mx	-.014	4.75
73	MP3A	X	-22.546	.25
74	MP3A	Z	-13.017	.25
75	MP3A	Mx	.004	.25
76	MP3A	X	-22.546	4.75
77	MP3A	Z	-13.017	4.75
78	MP3A	Mx	.004	4.75
79	MP3B	X	-29.374	.25
80	MP3B	Z	-16.959	.25
81	MP3B	Mx	.02	.25
82	MP3B	X	-29.374	4.75
83	MP3B	Z	-16.959	4.75
84	MP3B	Mx	.02	4.75
85	MP3C	X	-22.546	.25
86	MP3C	Z	-13.017	.25
87	MP3C	Mx	-.019	.25
88	MP3C	X	-22.546	4.75
89	MP3C	Z	-13.017	4.75
90	MP3C	Mx	-.019	4.75
91	MP3A	X	-22.546	.25
92	MP3A	Z	-13.017	.25
93	MP3A	Mx	.019	.25
94	MP3A	X	-22.546	4.75
95	MP3A	Z	-13.017	4.75
96	MP3A	Mx	.019	4.75
97	MP3B	X	-29.374	.25
98	MP3B	Z	-16.959	.25
99	MP3B	Mx	-.02	.25
100	MP3B	X	-29.374	4.75
101	MP3B	Z	-16.959	4.75
102	MP3B	Mx	-.02	4.75
103	MP3C	X	-22.546	.25
104	MP3C	Z	-13.017	.25
105	MP3C	Mx	-.004	.25
106	MP3C	X	-22.546	4.75
107	MP3C	Z	-13.017	4.75
108	MP3C	Mx	-.004	4.75
109	OVP	X	-30.322	2.5
110	OVP	Z	-17.506	2.5
111	OVP	Mx	0	2.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
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Company :  
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 Job Number :  
 Model Name :

Dec 1, 2021  
 1:35 PM  
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**Member Point Loads (BLC 26 : Antenna Wi (330 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP4A	X	-8.657	1.5
2	MP4A	Z	-14.995	1.5
3	MP4A	Mx	.004	1.5
4	MP4A	X	-8.657	3.5
5	MP4A	Z	-14.995	3.5
6	MP4A	Mx	.004	3.5
7	MP4B	X	-8.657	1.5
8	MP4B	Z	-14.995	1.5
9	MP4B	Mx	.004	1.5
10	MP4B	X	-8.657	3.5
11	MP4B	Z	-14.995	3.5
12	MP4B	Mx	.004	3.5
13	MP4C	X	-4.311	1.5
14	MP4C	Z	-7.467	1.5
15	MP4C	Mx	-.004	1.5
16	MP4C	X	-4.311	3.5
17	MP4C	Z	-7.467	3.5
18	MP4C	Mx	-.004	3.5
19	MP2A	X	-7.878	2
20	MP2A	Z	-13.645	2
21	MP2A	Mx	-.004	2
22	MP2B	X	-7.878	2
23	MP2B	Z	-13.645	2
24	MP2B	Mx	-.004	2
25	MP2C	X	-5.934	2
26	MP2C	Z	-10.279	2
27	MP2C	Mx	.006	2
28	MP3A	X	-7.761	2
29	MP3A	Z	-13.443	2
30	MP3A	Mx	-.004	2
31	MP3B	X	-7.761	2
32	MP3B	Z	-13.443	2
33	MP3B	Mx	-.004	2
34	MP3C	X	-5.468	2
35	MP3C	Z	-9.471	2
36	MP3C	Mx	.005	2
37	MP1A	X	-11.768	.25
38	MP1A	Z	-20.382	.25
39	MP1A	Mx	.006	.25
40	MP1A	X	-11.768	4.75
41	MP1A	Z	-20.382	4.75
42	MP1A	Mx	.006	4.75
43	MP1B	X	-11.768	.25
44	MP1B	Z	-20.382	.25
45	MP1B	Mx	.006	.25
46	MP1B	X	-11.768	4.75
47	MP1B	Z	-20.382	4.75
48	MP1B	Mx	.006	4.75
49	MP1C	X	-18.034	.25
50	MP1C	Z	-31.235	.25
51	MP1C	Mx	-.018	.25
52	MP1C	X	-18.034	4.75
53	MP1C	Z	-31.235	4.75
54	MP1C	Mx	-.018	4.75
55	MP5A	X	-11.768	.25
56	MP5A	Z	-20.382	.25
57	MP5A	Mx	.006	.25



Company :  
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 Job Number :  
 Model Name :

Dec 1, 2021  
 1:35 PM  
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**Member Point Loads (BLC 26 : Antenna Wi (330 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
58	MP5A	X	-11.768	4.75
59	MP5A	Z	-20.382	4.75
60	MP5A	Mx	.006	4.75
61	MP5B	X	-11.768	.25
62	MP5B	Z	-20.382	.25
63	MP5B	Mx	.006	.25
64	MP5B	X	-11.768	4.75
65	MP5B	Z	-20.382	4.75
66	MP5B	Mx	.006	4.75
67	MP5C	X	-18.034	.25
68	MP5C	Z	-31.235	.25
69	MP5C	Mx	-.018	.25
70	MP5C	X	-18.034	4.75
71	MP5C	Z	-31.235	4.75
72	MP5C	Mx	-.018	4.75
73	MP3A	X	-15.645	.25
74	MP3A	Z	-27.098	.25
75	MP3A	Mx	-.008	.25
76	MP3A	X	-15.645	4.75
77	MP3A	Z	-27.098	4.75
78	MP3A	Mx	-.008	4.75
79	MP3B	X	-15.645	.25
80	MP3B	Z	-27.098	.25
81	MP3B	Mx	.024	.25
82	MP3B	X	-15.645	4.75
83	MP3B	Z	-27.098	4.75
84	MP3B	Mx	.024	4.75
85	MP3C	X	-11.703	.25
86	MP3C	Z	-20.27	.25
87	MP3C	Mx	-.012	.25
88	MP3C	X	-11.703	4.75
89	MP3C	Z	-20.27	4.75
90	MP3C	Mx	-.012	4.75
91	MP3A	X	-15.645	.25
92	MP3A	Z	-27.098	.25
93	MP3A	Mx	.024	.25
94	MP3A	X	-15.645	4.75
95	MP3A	Z	-27.098	4.75
96	MP3A	Mx	.024	4.75
97	MP3B	X	-15.645	.25
98	MP3B	Z	-27.098	.25
99	MP3B	Mx	-.008	.25
100	MP3B	X	-15.645	4.75
101	MP3B	Z	-27.098	4.75
102	MP3B	Mx	-.008	4.75
103	MP3C	X	-11.703	.25
104	MP3C	Z	-20.27	.25
105	MP3C	Mx	-.012	.25
106	MP3C	X	-11.703	4.75
107	MP3C	Z	-20.27	4.75
108	MP3C	Mx	-.012	4.75
109	OVP	X	-16.553	2.5
110	OVP	Z	-28.671	2.5
111	OVP	Mx	0	2.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
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**Member Point Loads (BLC 27 : Antenna Wm (0 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP4A	X	0	1.5
2	MP4A	Z	-6.428	1.5
3	MP4A	Mx	0	1.5
4	MP4A	X	0	3.5
5	MP4A	Z	-6.428	3.5
6	MP4A	Mx	0	3.5
7	MP4B	X	0	1.5
8	MP4B	Z	-3.495	1.5
9	MP4B	Mx	.002	1.5
10	MP4B	X	0	3.5
11	MP4B	Z	-3.495	3.5
12	MP4B	Mx	.002	3.5
13	MP4C	X	0	1.5
14	MP4C	Z	-3.495	1.5
15	MP4C	Mx	-.002	1.5
16	MP4C	X	0	3.5
17	MP4C	Z	-3.495	3.5
18	MP4C	Mx	-.002	3.5
19	MP2A	X	0	2
20	MP2A	Z	-5.115	2
21	MP2A	Mx	0	2
22	MP2B	X	0	2
23	MP2B	Z	-3.843	2
24	MP2B	Mx	-.002	2
25	MP2C	X	0	2
26	MP2C	Z	-3.843	2
27	MP2C	Mx	.002	2
28	MP3A	X	0	2
29	MP3A	Z	-5.115	2
30	MP3A	Mx	0	2
31	MP3B	X	0	2
32	MP3B	Z	-3.612	2
33	MP3B	Mx	-.002	2
34	MP3C	X	0	2
35	MP3C	Z	-3.612	2
36	MP3C	Mx	.002	2
37	MP1A	X	0	.25
38	MP1A	Z	-5.922	.25
39	MP1A	Mx	0	.25
40	MP1A	X	0	4.75
41	MP1A	Z	-5.922	4.75
42	MP1A	Mx	0	4.75
43	MP1B	X	0	.25
44	MP1B	Z	-10.331	.25
45	MP1B	Mx	.004	.25
46	MP1B	X	0	4.75
47	MP1B	Z	-10.331	4.75
48	MP1B	Mx	.004	4.75
49	MP1C	X	0	.25
50	MP1C	Z	-10.331	.25
51	MP1C	Mx	-.004	.25
52	MP1C	X	0	4.75
53	MP1C	Z	-10.331	4.75
54	MP1C	Mx	-.004	4.75
55	MP5A	X	0	.25
56	MP5A	Z	-5.922	.25
57	MP5A	Mx	0	.25



Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
 1:35 PM  
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**Member Point Loads (BLC 27 : Antenna Wm (0 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
58	MP5A	X	0	4.75
59	MP5A	Z	-5.922	4.75
60	MP5A	Mx	0	4.75
61	MP5B	X	0	.25
62	MP5B	Z	-10.331	.25
63	MP5B	Mx	.004	.25
64	MP5B	X	0	4.75
65	MP5B	Z	-10.331	4.75
66	MP5B	Mx	.004	4.75
67	MP5C	X	0	.25
68	MP5C	Z	-10.331	.25
69	MP5C	Mx	-.004	.25
70	MP5C	X	0	4.75
71	MP5C	Z	-10.331	4.75
72	MP5C	Mx	-.004	4.75
73	MP3A	X	0	.25
74	MP3A	Z	-11.051	.25
75	MP3A	Mx	-.006	.25
76	MP3A	X	0	4.75
77	MP3A	Z	-11.051	4.75
78	MP3A	Mx	-.006	4.75
79	MP3B	X	0	.25
80	MP3B	Z	-8.242	.25
81	MP3B	Mx	.006	.25
82	MP3B	X	0	4.75
83	MP3B	Z	-8.242	4.75
84	MP3B	Mx	.006	4.75
85	MP3C	X	0	.25
86	MP3C	Z	-8.242	.25
87	MP3C	Mx	-.001	.25
88	MP3C	X	0	4.75
89	MP3C	Z	-8.242	4.75
90	MP3C	Mx	-.001	4.75
91	MP3A	X	0	.25
92	MP3A	Z	-11.051	.25
93	MP3A	Mx	.006	.25
94	MP3A	X	0	4.75
95	MP3A	Z	-11.051	4.75
96	MP3A	Mx	.006	4.75
97	MP3B	X	0	.25
98	MP3B	Z	-8.242	.25
99	MP3B	Mx	.001	.25
100	MP3B	X	0	4.75
101	MP3B	Z	-8.242	4.75
102	MP3B	Mx	.001	4.75
103	MP3C	X	0	.25
104	MP3C	Z	-8.242	.25
105	MP3C	Mx	-.006	.25
106	MP3C	X	0	4.75
107	MP3C	Z	-8.242	4.75
108	MP3C	Mx	-.006	4.75
109	OVP	X	0	2.5
110	OVP	Z	-9.131	2.5
111	OVP	Mx	0	2.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
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Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
 1:35 PM  
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**Member Point Loads (BLC 28 : Antenna Wm (30 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP4A	X	2.725	1.5
2	MP4A	Z	-4.72	1.5
3	MP4A	Mx	-.001	1.5
4	MP4A	X	2.725	3.5
5	MP4A	Z	-4.72	3.5
6	MP4A	Mx	-.001	3.5
7	MP4B	X	1.258	1.5
8	MP4B	Z	-2.179	1.5
9	MP4B	Mx	.001	1.5
10	MP4B	X	1.258	3.5
11	MP4B	Z	-2.179	3.5
12	MP4B	Mx	.001	3.5
13	MP4C	X	2.725	1.5
14	MP4C	Z	-4.72	1.5
15	MP4C	Mx	-.001	1.5
16	MP4C	X	2.725	3.5
17	MP4C	Z	-4.72	3.5
18	MP4C	Mx	-.001	3.5
19	MP2A	X	2.346	2
20	MP2A	Z	-4.063	2
21	MP2A	Mx	.001	2
22	MP2B	X	1.71	2
23	MP2B	Z	-2.961	2
24	MP2B	Mx	-.002	2
25	MP2C	X	2.346	2
26	MP2C	Z	-4.063	2
27	MP2C	Mx	.001	2
28	MP3A	X	2.307	2
29	MP3A	Z	-3.996	2
30	MP3A	Mx	.001	2
31	MP3B	X	1.556	2
32	MP3B	Z	-2.695	2
33	MP3B	Mx	-.002	2
34	MP3C	X	2.307	2
35	MP3C	Z	-3.996	2
36	MP3C	Mx	.001	2
37	MP1A	X	3.696	.25
38	MP1A	Z	-6.402	.25
39	MP1A	Mx	-.002	.25
40	MP1A	X	3.696	4.75
41	MP1A	Z	-6.402	4.75
42	MP1A	Mx	-.002	4.75
43	MP1B	X	5.901	.25
44	MP1B	Z	-10.22	.25
45	MP1B	Mx	.006	.25
46	MP1B	X	5.901	4.75
47	MP1B	Z	-10.22	4.75
48	MP1B	Mx	.006	4.75
49	MP1C	X	3.696	.25
50	MP1C	Z	-6.402	.25
51	MP1C	Mx	-.002	.25
52	MP1C	X	3.696	4.75
53	MP1C	Z	-6.402	4.75
54	MP1C	Mx	-.002	4.75
55	MP5A	X	3.696	.25
56	MP5A	Z	-6.402	.25
57	MP5A	Mx	-.002	.25



Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
 1:35 PM  
 Checked By: \_\_\_\_\_

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
58	MP5A	X	3.696	4.75
59	MP5A	Z	-6.402	4.75
60	MP5A	Mx	-.002	4.75
61	MP5B	X	5.901	.25
62	MP5B	Z	-10.22	.25
63	MP5B	Mx	.006	.25
64	MP5B	X	5.901	4.75
65	MP5B	Z	-10.22	4.75
66	MP5B	Mx	.006	4.75
67	MP5C	X	3.696	.25
68	MP5C	Z	-6.402	.25
69	MP5C	Mx	-.002	.25
70	MP5C	X	3.696	4.75
71	MP5C	Z	-6.402	4.75
72	MP5C	Mx	-.002	4.75
73	MP3A	X	5.057	.25
74	MP3A	Z	-8.76	.25
75	MP3A	Mx	-.008	.25
76	MP3A	X	5.057	4.75
77	MP3A	Z	-8.76	4.75
78	MP3A	Mx	-.008	4.75
79	MP3B	X	3.653	.25
80	MP3B	Z	-6.327	.25
81	MP3B	Mx	.004	.25
82	MP3B	X	3.653	4.75
83	MP3B	Z	-6.327	4.75
84	MP3B	Mx	.004	4.75
85	MP3C	X	5.057	.25
86	MP3C	Z	-8.76	.25
87	MP3C	Mx	.003	.25
88	MP3C	X	5.057	4.75
89	MP3C	Z	-8.76	4.75
90	MP3C	Mx	.003	4.75
91	MP3A	X	5.057	.25
92	MP3A	Z	-8.76	.25
93	MP3A	Mx	.003	.25
94	MP3A	X	5.057	4.75
95	MP3A	Z	-8.76	4.75
96	MP3A	Mx	.003	4.75
97	MP3B	X	3.653	.25
98	MP3B	Z	-6.327	.25
99	MP3B	Mx	.004	.25
100	MP3B	X	3.653	4.75
101	MP3B	Z	-6.327	4.75
102	MP3B	Mx	.004	4.75
103	MP3C	X	5.057	.25
104	MP3C	Z	-8.76	.25
105	MP3C	Mx	-.008	.25
106	MP3C	X	5.057	4.75
107	MP3C	Z	-8.76	4.75
108	MP3C	Mx	-.008	4.75
109	OVP	X	4.237	2.5
110	OVP	Z	-7.338	2.5
111	OVP	Mx	0	2.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
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Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
 1:35 PM  
 Checked By: \_\_\_\_\_

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP4A	X	3.026	1.5
2	MP4A	Z	-1.747	1.5
3	MP4A	Mx	-.002	1.5
4	MP4A	X	3.026	3.5
5	MP4A	Z	-1.747	3.5
6	MP4A	Mx	-.002	3.5
7	MP4B	X	3.026	1.5
8	MP4B	Z	-1.747	1.5
9	MP4B	Mx	.002	1.5
10	MP4B	X	3.026	3.5
11	MP4B	Z	-1.747	3.5
12	MP4B	Mx	.002	3.5
13	MP4C	X	5.567	1.5
14	MP4C	Z	-3.214	1.5
15	MP4C	Mx	0	1.5
16	MP4C	X	5.567	3.5
17	MP4C	Z	-3.214	3.5
18	MP4C	Mx	0	3.5
19	MP2A	X	3.328	2
20	MP2A	Z	-1.922	2
21	MP2A	Mx	.002	2
22	MP2B	X	3.328	2
23	MP2B	Z	-1.922	2
24	MP2B	Mx	-.002	2
25	MP2C	X	4.43	2
26	MP2C	Z	-2.558	2
27	MP2C	Mx	0	2
28	MP3A	X	3.129	2
29	MP3A	Z	-1.806	2
30	MP3A	Mx	.002	2
31	MP3B	X	3.129	2
32	MP3B	Z	-1.806	2
33	MP3B	Mx	-.002	2
34	MP3C	X	4.43	2
35	MP3C	Z	-2.558	2
36	MP3C	Mx	0	2
37	MP1A	X	8.947	.25
38	MP1A	Z	-5.166	.25
39	MP1A	Mx	-.004	.25
40	MP1A	X	8.947	4.75
41	MP1A	Z	-5.166	4.75
42	MP1A	Mx	-.004	4.75
43	MP1B	X	8.947	.25
44	MP1B	Z	-5.166	.25
45	MP1B	Mx	.004	.25
46	MP1B	X	8.947	4.75
47	MP1B	Z	-5.166	4.75
48	MP1B	Mx	.004	4.75
49	MP1C	X	5.129	.25
50	MP1C	Z	-2.961	.25
51	MP1C	Mx	0	.25
52	MP1C	X	5.129	4.75
53	MP1C	Z	-2.961	4.75
54	MP1C	Mx	0	4.75
55	MP5A	X	8.947	.25
56	MP5A	Z	-5.166	.25
57	MP5A	Mx	-.004	.25



Company :  
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 Job Number :  
 Model Name :

Dec 1, 2021  
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**Member Point Loads (BLC 29 : Antenna Wm (60 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
58	MP5A	X	8.947	4.75
59	MP5A	Z	-5.166	4.75
60	MP5A	Mx	-.004	4.75
61	MP5B	X	8.947	.25
62	MP5B	Z	-5.166	.25
63	MP5B	Mx	.004	.25
64	MP5B	X	8.947	4.75
65	MP5B	Z	-5.166	4.75
66	MP5B	Mx	.004	4.75
67	MP5C	X	5.129	.25
68	MP5C	Z	-2.961	.25
69	MP5C	Mx	0	.25
70	MP5C	X	5.129	4.75
71	MP5C	Z	-2.961	4.75
72	MP5C	Mx	0	4.75
73	MP3A	X	7.138	.25
74	MP3A	Z	-4.121	.25
75	MP3A	Mx	-.006	.25
76	MP3A	X	7.138	4.75
77	MP3A	Z	-4.121	4.75
78	MP3A	Mx	-.006	4.75
79	MP3B	X	7.138	.25
80	MP3B	Z	-4.121	.25
81	MP3B	Mx	.001	.25
82	MP3B	X	7.138	4.75
83	MP3B	Z	-4.121	4.75
84	MP3B	Mx	.001	4.75
85	MP3C	X	9.571	.25
86	MP3C	Z	-5.526	.25
87	MP3C	Mx	.006	.25
88	MP3C	X	9.571	4.75
89	MP3C	Z	-5.526	4.75
90	MP3C	Mx	.006	4.75
91	MP3A	X	7.138	.25
92	MP3A	Z	-4.121	.25
93	MP3A	Mx	-.001	.25
94	MP3A	X	7.138	4.75
95	MP3A	Z	-4.121	4.75
96	MP3A	Mx	-.001	4.75
97	MP3B	X	7.138	.25
98	MP3B	Z	-4.121	.25
99	MP3B	Mx	.006	.25
100	MP3B	X	7.138	4.75
101	MP3B	Z	-4.121	4.75
102	MP3B	Mx	.006	4.75
103	MP3C	X	9.571	.25
104	MP3C	Z	-5.526	.25
105	MP3C	Mx	-.006	.25
106	MP3C	X	9.571	4.75
107	MP3C	Z	-5.526	4.75
108	MP3C	Mx	-.006	4.75
109	OVP	X	7.908	2.5
110	OVP	Z	-4.566	2.5
111	OVP	Mx	0	2.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
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Company :  
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 Job Number :  
 Model Name :

Dec 1, 2021  
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**Member Point Loads (BLC 30 : Antenna Wm (90 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP4A	X	2.517	1.5
2	MP4A	Z	0	1.5
3	MP4A	Mx	-.001	1.5
4	MP4A	X	2.517	3.5
5	MP4A	Z	0	3.5
6	MP4A	Mx	-.001	3.5
7	MP4B	X	5.45	1.5
8	MP4B	Z	0	1.5
9	MP4B	Mx	.001	1.5
10	MP4B	X	5.45	3.5
11	MP4B	Z	0	3.5
12	MP4B	Mx	.001	3.5
13	MP4C	X	5.45	1.5
14	MP4C	Z	0	1.5
15	MP4C	Mx	.001	1.5
16	MP4C	X	5.45	3.5
17	MP4C	Z	0	3.5
18	MP4C	Mx	.001	3.5
19	MP2A	X	3.419	2
20	MP2A	Z	0	2
21	MP2A	Mx	.002	2
22	MP2B	X	4.691	2
23	MP2B	Z	0	2
24	MP2B	Mx	-.001	2
25	MP2C	X	4.691	2
26	MP2C	Z	0	2
27	MP2C	Mx	-.001	2
28	MP3A	X	3.112	2
29	MP3A	Z	0	2
30	MP3A	Mx	.002	2
31	MP3B	X	4.614	2
32	MP3B	Z	0	2
33	MP3B	Mx	-.001	2
34	MP3C	X	4.614	2
35	MP3C	Z	0	2
36	MP3C	Mx	-.001	2
37	MP1A	X	11.801	.25
38	MP1A	Z	0	.25
39	MP1A	Mx	-.006	.25
40	MP1A	X	11.801	4.75
41	MP1A	Z	0	4.75
42	MP1A	Mx	-.006	4.75
43	MP1B	X	7.392	.25
44	MP1B	Z	0	.25
45	MP1B	Mx	.002	.25
46	MP1B	X	7.392	4.75
47	MP1B	Z	0	4.75
48	MP1B	Mx	.002	4.75
49	MP1C	X	7.392	.25
50	MP1C	Z	0	.25
51	MP1C	Mx	.002	.25
52	MP1C	X	7.392	4.75
53	MP1C	Z	0	4.75
54	MP1C	Mx	.002	4.75
55	MP5A	X	11.801	.25
56	MP5A	Z	0	.25
57	MP5A	Mx	-.006	.25



Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
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**Member Point Loads (BLC 30 : Antenna Wm (90 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
58	MP5A	X	11.801	4.75
59	MP5A	Z	0	4.75
60	MP5A	Mx	-.006	4.75
61	MP5B	X	7.392	.25
62	MP5B	Z	0	.25
63	MP5B	Mx	.002	.25
64	MP5B	X	7.392	4.75
65	MP5B	Z	0	4.75
66	MP5B	Mx	.002	4.75
67	MP5C	X	7.392	.25
68	MP5C	Z	0	.25
69	MP5C	Mx	.002	.25
70	MP5C	X	7.392	4.75
71	MP5C	Z	0	4.75
72	MP5C	Mx	.002	4.75
73	MP3A	X	7.306	.25
74	MP3A	Z	0	.25
75	MP3A	Mx	-.004	.25
76	MP3A	X	7.306	4.75
77	MP3A	Z	0	4.75
78	MP3A	Mx	-.004	4.75
79	MP3B	X	10.115	.25
80	MP3B	Z	0	.25
81	MP3B	Mx	-.003	.25
82	MP3B	X	10.115	4.75
83	MP3B	Z	0	4.75
84	MP3B	Mx	-.003	4.75
85	MP3C	X	10.115	.25
86	MP3C	Z	0	.25
87	MP3C	Mx	.008	.25
88	MP3C	X	10.115	4.75
89	MP3C	Z	0	4.75
90	MP3C	Mx	.008	4.75
91	MP3A	X	7.306	.25
92	MP3A	Z	0	.25
93	MP3A	Mx	-.004	.25
94	MP3A	X	7.306	4.75
95	MP3A	Z	0	4.75
96	MP3A	Mx	-.004	4.75
97	MP3B	X	10.115	.25
98	MP3B	Z	0	.25
99	MP3B	Mx	.008	.25
100	MP3B	X	10.115	4.75
101	MP3B	Z	0	4.75
102	MP3B	Mx	.008	4.75
103	MP3C	X	10.115	.25
104	MP3C	Z	0	.25
105	MP3C	Mx	-.003	.25
106	MP3C	X	10.115	4.75
107	MP3C	Z	0	4.75
108	MP3C	Mx	-.003	4.75
109	OVP	X	10.448	2.5
110	OVP	Z	0	2.5
111	OVP	Mx	0	2.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
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Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
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**Member Point Loads (BLC 31 : Antenna Wm (120 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP4A	X	3.026	1.5
2	MP4A	Z	1.747	1.5
3	MP4A	Mx	-.002	1.5
4	MP4A	X	3.026	3.5
5	MP4A	Z	1.747	3.5
6	MP4A	Mx	-.002	3.5
7	MP4B	X	5.567	1.5
8	MP4B	Z	3.214	1.5
9	MP4B	Mx	0	1.5
10	MP4B	X	5.567	3.5
11	MP4B	Z	3.214	3.5
12	MP4B	Mx	0	3.5
13	MP4C	X	3.026	1.5
14	MP4C	Z	1.747	1.5
15	MP4C	Mx	.002	1.5
16	MP4C	X	3.026	3.5
17	MP4C	Z	1.747	3.5
18	MP4C	Mx	.002	3.5
19	MP2A	X	3.328	2
20	MP2A	Z	1.922	2
21	MP2A	Mx	.002	2
22	MP2B	X	4.43	2
23	MP2B	Z	2.558	2
24	MP2B	Mx	0	2
25	MP2C	X	3.328	2
26	MP2C	Z	1.922	2
27	MP2C	Mx	-.002	2
28	MP3A	X	3.129	2
29	MP3A	Z	1.806	2
30	MP3A	Mx	.002	2
31	MP3B	X	4.43	2
32	MP3B	Z	2.558	2
33	MP3B	Mx	0	2
34	MP3C	X	3.129	2
35	MP3C	Z	1.806	2
36	MP3C	Mx	-.002	2
37	MP1A	X	8.947	.25
38	MP1A	Z	5.166	.25
39	MP1A	Mx	-.004	.25
40	MP1A	X	8.947	4.75
41	MP1A	Z	5.166	4.75
42	MP1A	Mx	-.004	4.75
43	MP1B	X	5.129	.25
44	MP1B	Z	2.961	.25
45	MP1B	Mx	0	.25
46	MP1B	X	5.129	4.75
47	MP1B	Z	2.961	4.75
48	MP1B	Mx	0	4.75
49	MP1C	X	8.947	.25
50	MP1C	Z	5.166	.25
51	MP1C	Mx	.004	.25
52	MP1C	X	8.947	4.75
53	MP1C	Z	5.166	4.75
54	MP1C	Mx	.004	4.75
55	MP5A	X	8.947	.25
56	MP5A	Z	5.166	.25
57	MP5A	Mx	-.004	.25



Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
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**Member Point Loads (BLC 31 : Antenna Wm (120 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
58	MP5A	X	8.947	4.75
59	MP5A	Z	5.166	4.75
60	MP5A	Mx	-.004	4.75
61	MP5B	X	5.129	.25
62	MP5B	Z	2.961	.25
63	MP5B	Mx	0	.25
64	MP5B	X	5.129	4.75
65	MP5B	Z	2.961	4.75
66	MP5B	Mx	0	4.75
67	MP5C	X	8.947	.25
68	MP5C	Z	5.166	.25
69	MP5C	Mx	.004	.25
70	MP5C	X	8.947	4.75
71	MP5C	Z	5.166	4.75
72	MP5C	Mx	.004	4.75
73	MP3A	X	7.138	.25
74	MP3A	Z	4.121	.25
75	MP3A	Mx	-.001	.25
76	MP3A	X	7.138	4.75
77	MP3A	Z	4.121	4.75
78	MP3A	Mx	-.001	4.75
79	MP3B	X	9.571	.25
80	MP3B	Z	5.526	.25
81	MP3B	Mx	-.006	.25
82	MP3B	X	9.571	4.75
83	MP3B	Z	5.526	4.75
84	MP3B	Mx	-.006	4.75
85	MP3C	X	7.138	.25
86	MP3C	Z	4.121	.25
87	MP3C	Mx	.006	.25
88	MP3C	X	7.138	4.75
89	MP3C	Z	4.121	4.75
90	MP3C	Mx	.006	4.75
91	MP3A	X	7.138	.25
92	MP3A	Z	4.121	.25
93	MP3A	Mx	-.006	.25
94	MP3A	X	7.138	4.75
95	MP3A	Z	4.121	4.75
96	MP3A	Mx	-.006	4.75
97	MP3B	X	9.571	.25
98	MP3B	Z	5.526	.25
99	MP3B	Mx	.006	.25
100	MP3B	X	9.571	4.75
101	MP3B	Z	5.526	4.75
102	MP3B	Mx	.006	4.75
103	MP3C	X	7.138	.25
104	MP3C	Z	4.121	.25
105	MP3C	Mx	.001	.25
106	MP3C	X	7.138	4.75
107	MP3C	Z	4.121	4.75
108	MP3C	Mx	.001	4.75
109	OVP	X	9.618	2.5
110	OVP	Z	5.553	2.5
111	OVP	Mx	0	2.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
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Company :  
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 Job Number :  
 Model Name :

Dec 1, 2021  
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**Member Point Loads (BLC 32 : Antenna Wm (150 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP4A	X	2.725	1.5
2	MP4A	Z	4.72	1.5
3	MP4A	Mx	-.001	1.5
4	MP4A	X	2.725	3.5
5	MP4A	Z	4.72	3.5
6	MP4A	Mx	-.001	3.5
7	MP4B	X	2.725	1.5
8	MP4B	Z	4.72	1.5
9	MP4B	Mx	-.001	1.5
10	MP4B	X	2.725	3.5
11	MP4B	Z	4.72	3.5
12	MP4B	Mx	-.001	3.5
13	MP4C	X	1.258	1.5
14	MP4C	Z	2.179	1.5
15	MP4C	Mx	.001	1.5
16	MP4C	X	1.258	3.5
17	MP4C	Z	2.179	3.5
18	MP4C	Mx	.001	3.5
19	MP2A	X	2.346	2
20	MP2A	Z	4.063	2
21	MP2A	Mx	.001	2
22	MP2B	X	2.346	2
23	MP2B	Z	4.063	2
24	MP2B	Mx	.001	2
25	MP2C	X	1.71	2
26	MP2C	Z	2.961	2
27	MP2C	Mx	-.002	2
28	MP3A	X	2.307	2
29	MP3A	Z	3.996	2
30	MP3A	Mx	.001	2
31	MP3B	X	2.307	2
32	MP3B	Z	3.996	2
33	MP3B	Mx	.001	2
34	MP3C	X	1.556	2
35	MP3C	Z	2.695	2
36	MP3C	Mx	-.002	2
37	MP1A	X	3.696	.25
38	MP1A	Z	6.402	.25
39	MP1A	Mx	-.002	.25
40	MP1A	X	3.696	4.75
41	MP1A	Z	6.402	4.75
42	MP1A	Mx	-.002	4.75
43	MP1B	X	3.696	.25
44	MP1B	Z	6.402	.25
45	MP1B	Mx	-.002	.25
46	MP1B	X	3.696	4.75
47	MP1B	Z	6.402	4.75
48	MP1B	Mx	-.002	4.75
49	MP1C	X	5.901	.25
50	MP1C	Z	10.22	.25
51	MP1C	Mx	.006	.25
52	MP1C	X	5.901	4.75
53	MP1C	Z	10.22	4.75
54	MP1C	Mx	.006	4.75
55	MP5A	X	3.696	.25
56	MP5A	Z	6.402	.25
57	MP5A	Mx	-.002	.25



Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
 1:35 PM  
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**Member Point Loads (BLC 32 : Antenna Wm (150 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
58	MP5A	X	3.696	4.75
59	MP5A	Z	6.402	4.75
60	MP5A	Mx	-.002	4.75
61	MP5B	X	3.696	.25
62	MP5B	Z	6.402	.25
63	MP5B	Mx	-.002	.25
64	MP5B	X	3.696	4.75
65	MP5B	Z	6.402	4.75
66	MP5B	Mx	-.002	4.75
67	MP5C	X	5.901	.25
68	MP5C	Z	10.22	.25
69	MP5C	Mx	.006	.25
70	MP5C	X	5.901	4.75
71	MP5C	Z	10.22	4.75
72	MP5C	Mx	.006	4.75
73	MP3A	X	5.057	.25
74	MP3A	Z	8.76	.25
75	MP3A	Mx	.003	.25
76	MP3A	X	5.057	4.75
77	MP3A	Z	8.76	4.75
78	MP3A	Mx	.003	4.75
79	MP3B	X	5.057	.25
80	MP3B	Z	8.76	.25
81	MP3B	Mx	-.008	.25
82	MP3B	X	5.057	4.75
83	MP3B	Z	8.76	4.75
84	MP3B	Mx	-.008	4.75
85	MP3C	X	3.653	.25
86	MP3C	Z	6.327	.25
87	MP3C	Mx	.004	.25
88	MP3C	X	3.653	4.75
89	MP3C	Z	6.327	4.75
90	MP3C	Mx	.004	4.75
91	MP3A	X	5.057	.25
92	MP3A	Z	8.76	.25
93	MP3A	Mx	-.008	.25
94	MP3A	X	5.057	4.75
95	MP3A	Z	8.76	4.75
96	MP3A	Mx	-.008	4.75
97	MP3B	X	5.057	.25
98	MP3B	Z	8.76	.25
99	MP3B	Mx	.003	.25
100	MP3B	X	5.057	4.75
101	MP3B	Z	8.76	4.75
102	MP3B	Mx	.003	4.75
103	MP3C	X	3.653	.25
104	MP3C	Z	6.327	.25
105	MP3C	Mx	.004	.25
106	MP3C	X	3.653	4.75
107	MP3C	Z	6.327	4.75
108	MP3C	Mx	.004	4.75
109	OVP	X	5.224	2.5
110	OVP	Z	9.048	2.5
111	OVP	Mx	0	2.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
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 Job Number :  
 Model Name :

Dec 1, 2021  
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**Member Point Loads (BLC 33 : Antenna Wm (180 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP4A	X	0	1.5
2	MP4A	Z	6.428	1.5
3	MP4A	Mx	0	1.5
4	MP4A	X	0	3.5
5	MP4A	Z	6.428	3.5
6	MP4A	Mx	0	3.5
7	MP4B	X	0	1.5
8	MP4B	Z	3.495	1.5
9	MP4B	Mx	-.002	1.5
10	MP4B	X	0	3.5
11	MP4B	Z	3.495	3.5
12	MP4B	Mx	-.002	3.5
13	MP4C	X	0	1.5
14	MP4C	Z	3.495	1.5
15	MP4C	Mx	.002	1.5
16	MP4C	X	0	3.5
17	MP4C	Z	3.495	3.5
18	MP4C	Mx	.002	3.5
19	MP2A	X	0	2
20	MP2A	Z	5.115	2
21	MP2A	Mx	0	2
22	MP2B	X	0	2
23	MP2B	Z	3.843	2
24	MP2B	Mx	.002	2
25	MP2C	X	0	2
26	MP2C	Z	3.843	2
27	MP2C	Mx	-.002	2
28	MP3A	X	0	2
29	MP3A	Z	5.115	2
30	MP3A	Mx	0	2
31	MP3B	X	0	2
32	MP3B	Z	3.612	2
33	MP3B	Mx	.002	2
34	MP3C	X	0	2
35	MP3C	Z	3.612	2
36	MP3C	Mx	-.002	2
37	MP1A	X	0	.25
38	MP1A	Z	5.922	.25
39	MP1A	Mx	0	.25
40	MP1A	X	0	4.75
41	MP1A	Z	5.922	4.75
42	MP1A	Mx	0	4.75
43	MP1B	X	0	.25
44	MP1B	Z	10.331	.25
45	MP1B	Mx	-.004	.25
46	MP1B	X	0	4.75
47	MP1B	Z	10.331	4.75
48	MP1B	Mx	-.004	4.75
49	MP1C	X	0	.25
50	MP1C	Z	10.331	.25
51	MP1C	Mx	.004	.25
52	MP1C	X	0	4.75
53	MP1C	Z	10.331	4.75
54	MP1C	Mx	.004	4.75
55	MP5A	X	0	.25
56	MP5A	Z	5.922	.25
57	MP5A	Mx	0	.25



Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
 1:35 PM  
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**Member Point Loads (BLC 33 : Antenna Wm (180 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
58	MP5A	X	0	4.75
59	MP5A	Z	5.922	4.75
60	MP5A	Mx	0	4.75
61	MP5B	X	0	.25
62	MP5B	Z	10.331	.25
63	MP5B	Mx	-.004	.25
64	MP5B	X	0	4.75
65	MP5B	Z	10.331	4.75
66	MP5B	Mx	-.004	4.75
67	MP5C	X	0	.25
68	MP5C	Z	10.331	.25
69	MP5C	Mx	.004	.25
70	MP5C	X	0	4.75
71	MP5C	Z	10.331	4.75
72	MP5C	Mx	.004	4.75
73	MP3A	X	0	.25
74	MP3A	Z	11.051	.25
75	MP3A	Mx	.006	.25
76	MP3A	X	0	4.75
77	MP3A	Z	11.051	4.75
78	MP3A	Mx	.006	4.75
79	MP3B	X	0	.25
80	MP3B	Z	8.242	.25
81	MP3B	Mx	-.006	.25
82	MP3B	X	0	4.75
83	MP3B	Z	8.242	4.75
84	MP3B	Mx	-.006	4.75
85	MP3C	X	0	.25
86	MP3C	Z	8.242	.25
87	MP3C	Mx	.001	.25
88	MP3C	X	0	4.75
89	MP3C	Z	8.242	4.75
90	MP3C	Mx	.001	4.75
91	MP3A	X	0	.25
92	MP3A	Z	11.051	.25
93	MP3A	Mx	-.006	.25
94	MP3A	X	0	4.75
95	MP3A	Z	11.051	4.75
96	MP3A	Mx	-.006	4.75
97	MP3B	X	0	.25
98	MP3B	Z	8.242	.25
99	MP3B	Mx	-.001	.25
100	MP3B	X	0	4.75
101	MP3B	Z	8.242	4.75
102	MP3B	Mx	-.001	4.75
103	MP3C	X	0	.25
104	MP3C	Z	8.242	.25
105	MP3C	Mx	.006	.25
106	MP3C	X	0	4.75
107	MP3C	Z	8.242	4.75
108	MP3C	Mx	.006	4.75
109	OVP	X	0	2.5
110	OVP	Z	9.131	2.5
111	OVP	Mx	0	2.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
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 Job Number :  
 Model Name :

Dec 1, 2021  
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**Member Point Loads (BLC 34 : Antenna Wm (210 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP4A	X	-2.725	1.5
2	MP4A	Z	4.72	1.5
3	MP4A	Mx	.001	1.5
4	MP4A	X	-2.725	3.5
5	MP4A	Z	4.72	3.5
6	MP4A	Mx	.001	3.5
7	MP4B	X	-1.258	1.5
8	MP4B	Z	2.179	1.5
9	MP4B	Mx	-.001	1.5
10	MP4B	X	-1.258	3.5
11	MP4B	Z	2.179	3.5
12	MP4B	Mx	-.001	3.5
13	MP4C	X	-2.725	1.5
14	MP4C	Z	4.72	1.5
15	MP4C	Mx	.001	1.5
16	MP4C	X	-2.725	3.5
17	MP4C	Z	4.72	3.5
18	MP4C	Mx	.001	3.5
19	MP2A	X	-2.346	2
20	MP2A	Z	4.063	2
21	MP2A	Mx	-.001	2
22	MP2B	X	-1.71	2
23	MP2B	Z	2.961	2
24	MP2B	Mx	.002	2
25	MP2C	X	-2.346	2
26	MP2C	Z	4.063	2
27	MP2C	Mx	-.001	2
28	MP3A	X	-2.307	2
29	MP3A	Z	3.996	2
30	MP3A	Mx	-.001	2
31	MP3B	X	-1.556	2
32	MP3B	Z	2.695	2
33	MP3B	Mx	.002	2
34	MP3C	X	-2.307	2
35	MP3C	Z	3.996	2
36	MP3C	Mx	-.001	2
37	MP1A	X	-3.696	.25
38	MP1A	Z	6.402	.25
39	MP1A	Mx	.002	.25
40	MP1A	X	-3.696	4.75
41	MP1A	Z	6.402	4.75
42	MP1A	Mx	.002	4.75
43	MP1B	X	-5.901	.25
44	MP1B	Z	10.22	.25
45	MP1B	Mx	-.006	.25
46	MP1B	X	-5.901	4.75
47	MP1B	Z	10.22	4.75
48	MP1B	Mx	-.006	4.75
49	MP1C	X	-3.696	.25
50	MP1C	Z	6.402	.25
51	MP1C	Mx	.002	.25
52	MP1C	X	-3.696	4.75
53	MP1C	Z	6.402	4.75
54	MP1C	Mx	.002	4.75
55	MP5A	X	-3.696	.25
56	MP5A	Z	6.402	.25
57	MP5A	Mx	.002	.25



Company :  
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 Job Number :  
 Model Name :

Dec 1, 2021  
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**Member Point Loads (BLC 34 : Antenna Wm (210 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
58	MP5A	X	-3.696	4.75
59	MP5A	Z	6.402	4.75
60	MP5A	Mx	.002	4.75
61	MP5B	X	-5.901	.25
62	MP5B	Z	10.22	.25
63	MP5B	Mx	-.006	.25
64	MP5B	X	-5.901	4.75
65	MP5B	Z	10.22	4.75
66	MP5B	Mx	-.006	4.75
67	MP5C	X	-3.696	.25
68	MP5C	Z	6.402	.25
69	MP5C	Mx	.002	.25
70	MP5C	X	-3.696	4.75
71	MP5C	Z	6.402	4.75
72	MP5C	Mx	.002	4.75
73	MP3A	X	-5.057	.25
74	MP3A	Z	8.76	.25
75	MP3A	Mx	.008	.25
76	MP3A	X	-5.057	4.75
77	MP3A	Z	8.76	4.75
78	MP3A	Mx	.008	4.75
79	MP3B	X	-3.653	.25
80	MP3B	Z	6.327	.25
81	MP3B	Mx	-.004	.25
82	MP3B	X	-3.653	4.75
83	MP3B	Z	6.327	4.75
84	MP3B	Mx	-.004	4.75
85	MP3C	X	-5.057	.25
86	MP3C	Z	8.76	.25
87	MP3C	Mx	-.003	.25
88	MP3C	X	-5.057	4.75
89	MP3C	Z	8.76	4.75
90	MP3C	Mx	-.003	4.75
91	MP3A	X	-5.057	.25
92	MP3A	Z	8.76	.25
93	MP3A	Mx	-.003	.25
94	MP3A	X	-5.057	4.75
95	MP3A	Z	8.76	4.75
96	MP3A	Mx	-.003	4.75
97	MP3B	X	-3.653	.25
98	MP3B	Z	6.327	.25
99	MP3B	Mx	-.004	.25
100	MP3B	X	-3.653	4.75
101	MP3B	Z	6.327	4.75
102	MP3B	Mx	-.004	4.75
103	MP3C	X	-5.057	.25
104	MP3C	Z	8.76	.25
105	MP3C	Mx	.008	.25
106	MP3C	X	-5.057	4.75
107	MP3C	Z	8.76	4.75
108	MP3C	Mx	.008	4.75
109	OVP	X	-4.237	2.5
110	OVP	Z	7.338	2.5
111	OVP	Mx	0	2.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
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 Model Name :

Dec 1, 2021  
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**Member Point Loads (BLC 35 : Antenna Wm (240 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP4A	X	-3.026	1.5
2	MP4A	Z	1.747	1.5
3	MP4A	Mx	.002	1.5
4	MP4A	X	-3.026	3.5
5	MP4A	Z	1.747	3.5
6	MP4A	Mx	.002	3.5
7	MP4B	X	-3.026	1.5
8	MP4B	Z	1.747	1.5
9	MP4B	Mx	-.002	1.5
10	MP4B	X	-3.026	3.5
11	MP4B	Z	1.747	3.5
12	MP4B	Mx	-.002	3.5
13	MP4C	X	-5.567	1.5
14	MP4C	Z	3.214	1.5
15	MP4C	Mx	0	1.5
16	MP4C	X	-5.567	3.5
17	MP4C	Z	3.214	3.5
18	MP4C	Mx	0	3.5
19	MP2A	X	-3.328	2
20	MP2A	Z	1.922	2
21	MP2A	Mx	-.002	2
22	MP2B	X	-3.328	2
23	MP2B	Z	1.922	2
24	MP2B	Mx	.002	2
25	MP2C	X	-4.43	2
26	MP2C	Z	2.558	2
27	MP2C	Mx	0	2
28	MP3A	X	-3.129	2
29	MP3A	Z	1.806	2
30	MP3A	Mx	-.002	2
31	MP3B	X	-3.129	2
32	MP3B	Z	1.806	2
33	MP3B	Mx	.002	2
34	MP3C	X	-4.43	2
35	MP3C	Z	2.558	2
36	MP3C	Mx	0	2
37	MP1A	X	-8.947	.25
38	MP1A	Z	5.166	.25
39	MP1A	Mx	.004	.25
40	MP1A	X	-8.947	4.75
41	MP1A	Z	5.166	4.75
42	MP1A	Mx	.004	4.75
43	MP1B	X	-8.947	.25
44	MP1B	Z	5.166	.25
45	MP1B	Mx	-.004	.25
46	MP1B	X	-8.947	4.75
47	MP1B	Z	5.166	4.75
48	MP1B	Mx	-.004	4.75
49	MP1C	X	-5.129	.25
50	MP1C	Z	2.961	.25
51	MP1C	Mx	0	.25
52	MP1C	X	-5.129	4.75
53	MP1C	Z	2.961	4.75
54	MP1C	Mx	0	4.75
55	MP5A	X	-8.947	.25
56	MP5A	Z	5.166	.25
57	MP5A	Mx	.004	.25



Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
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**Member Point Loads (BLC 35 : Antenna Wm (240 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
58	MP5A	X	-8.947	4.75
59	MP5A	Z	5.166	4.75
60	MP5A	Mx	.004	4.75
61	MP5B	X	-8.947	.25
62	MP5B	Z	5.166	.25
63	MP5B	Mx	-.004	.25
64	MP5B	X	-8.947	4.75
65	MP5B	Z	5.166	4.75
66	MP5B	Mx	-.004	4.75
67	MP5C	X	-5.129	.25
68	MP5C	Z	2.961	.25
69	MP5C	Mx	0	.25
70	MP5C	X	-5.129	4.75
71	MP5C	Z	2.961	4.75
72	MP5C	Mx	0	4.75
73	MP3A	X	-7.138	.25
74	MP3A	Z	4.121	.25
75	MP3A	Mx	.006	.25
76	MP3A	X	-7.138	4.75
77	MP3A	Z	4.121	4.75
78	MP3A	Mx	.006	4.75
79	MP3B	X	-7.138	.25
80	MP3B	Z	4.121	.25
81	MP3B	Mx	-.001	.25
82	MP3B	X	-7.138	4.75
83	MP3B	Z	4.121	4.75
84	MP3B	Mx	-.001	4.75
85	MP3C	X	-9.571	.25
86	MP3C	Z	5.526	.25
87	MP3C	Mx	-.006	.25
88	MP3C	X	-9.571	4.75
89	MP3C	Z	5.526	4.75
90	MP3C	Mx	-.006	4.75
91	MP3A	X	-7.138	.25
92	MP3A	Z	4.121	.25
93	MP3A	Mx	.001	.25
94	MP3A	X	-7.138	4.75
95	MP3A	Z	4.121	4.75
96	MP3A	Mx	.001	4.75
97	MP3B	X	-7.138	.25
98	MP3B	Z	4.121	.25
99	MP3B	Mx	-.006	.25
100	MP3B	X	-7.138	4.75
101	MP3B	Z	4.121	4.75
102	MP3B	Mx	-.006	4.75
103	MP3C	X	-9.571	.25
104	MP3C	Z	5.526	.25
105	MP3C	Mx	.006	.25
106	MP3C	X	-9.571	4.75
107	MP3C	Z	5.526	4.75
108	MP3C	Mx	.006	4.75
109	OVP	X	-7.908	2.5
110	OVP	Z	4.566	2.5
111	OVP	Mx	0	2.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
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Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
 1:35 PM  
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**Member Point Loads (BLC 36 : Antenna Wm (270 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP4A	X	-2.517	1.5
2	MP4A	Z	0	1.5
3	MP4A	Mx	.001	1.5
4	MP4A	X	-2.517	3.5
5	MP4A	Z	0	3.5
6	MP4A	Mx	.001	3.5
7	MP4B	X	-5.45	1.5
8	MP4B	Z	0	1.5
9	MP4B	Mx	-.001	1.5
10	MP4B	X	-5.45	3.5
11	MP4B	Z	0	3.5
12	MP4B	Mx	-.001	3.5
13	MP4C	X	-5.45	1.5
14	MP4C	Z	0	1.5
15	MP4C	Mx	-.001	1.5
16	MP4C	X	-5.45	3.5
17	MP4C	Z	0	3.5
18	MP4C	Mx	-.001	3.5
19	MP2A	X	-3.419	2
20	MP2A	Z	0	2
21	MP2A	Mx	-.002	2
22	MP2B	X	-4.691	2
23	MP2B	Z	0	2
24	MP2B	Mx	.001	2
25	MP2C	X	-4.691	2
26	MP2C	Z	0	2
27	MP2C	Mx	.001	2
28	MP3A	X	-3.112	2
29	MP3A	Z	0	2
30	MP3A	Mx	-.002	2
31	MP3B	X	-4.614	2
32	MP3B	Z	0	2
33	MP3B	Mx	.001	2
34	MP3C	X	-4.614	2
35	MP3C	Z	0	2
36	MP3C	Mx	.001	2
37	MP1A	X	-11.801	.25
38	MP1A	Z	0	.25
39	MP1A	Mx	.006	.25
40	MP1A	X	-11.801	4.75
41	MP1A	Z	0	4.75
42	MP1A	Mx	.006	4.75
43	MP1B	X	-7.392	.25
44	MP1B	Z	0	.25
45	MP1B	Mx	-.002	.25
46	MP1B	X	-7.392	4.75
47	MP1B	Z	0	4.75
48	MP1B	Mx	-.002	4.75
49	MP1C	X	-7.392	.25
50	MP1C	Z	0	.25
51	MP1C	Mx	-.002	.25
52	MP1C	X	-7.392	4.75
53	MP1C	Z	0	4.75
54	MP1C	Mx	-.002	4.75
55	MP5A	X	-11.801	.25
56	MP5A	Z	0	.25
57	MP5A	Mx	.006	.25



Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
 1:35 PM  
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**Member Point Loads (BLC 36 : Antenna Wm (270 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
58	MP5A	X	-11.801	4.75
59	MP5A	Z	0	4.75
60	MP5A	Mx	.006	4.75
61	MP5B	X	-7.392	.25
62	MP5B	Z	0	.25
63	MP5B	Mx	-.002	.25
64	MP5B	X	-7.392	4.75
65	MP5B	Z	0	4.75
66	MP5B	Mx	-.002	4.75
67	MP5C	X	-7.392	.25
68	MP5C	Z	0	.25
69	MP5C	Mx	-.002	.25
70	MP5C	X	-7.392	4.75
71	MP5C	Z	0	4.75
72	MP5C	Mx	-.002	4.75
73	MP3A	X	-7.306	.25
74	MP3A	Z	0	.25
75	MP3A	Mx	.004	.25
76	MP3A	X	-7.306	4.75
77	MP3A	Z	0	4.75
78	MP3A	Mx	.004	4.75
79	MP3B	X	-10.115	.25
80	MP3B	Z	0	.25
81	MP3B	Mx	.003	.25
82	MP3B	X	-10.115	4.75
83	MP3B	Z	0	4.75
84	MP3B	Mx	.003	4.75
85	MP3C	X	-10.115	.25
86	MP3C	Z	0	.25
87	MP3C	Mx	-.008	.25
88	MP3C	X	-10.115	4.75
89	MP3C	Z	0	4.75
90	MP3C	Mx	-.008	4.75
91	MP3A	X	-7.306	.25
92	MP3A	Z	0	.25
93	MP3A	Mx	.004	.25
94	MP3A	X	-7.306	4.75
95	MP3A	Z	0	4.75
96	MP3A	Mx	.004	4.75
97	MP3B	X	-10.115	.25
98	MP3B	Z	0	.25
99	MP3B	Mx	-.008	.25
100	MP3B	X	-10.115	4.75
101	MP3B	Z	0	4.75
102	MP3B	Mx	-.008	4.75
103	MP3C	X	-10.115	.25
104	MP3C	Z	0	.25
105	MP3C	Mx	.003	.25
106	MP3C	X	-10.115	4.75
107	MP3C	Z	0	4.75
108	MP3C	Mx	.003	4.75
109	OVP	X	-10.448	2.5
110	OVP	Z	0	2.5
111	OVP	Mx	0	2.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
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 Job Number :  
 Model Name :

Dec 1, 2021  
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**Member Point Loads (BLC 37 : Antenna Wm (300 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP4A	X	-3.026	1.5
2	MP4A	Z	-1.747	1.5
3	MP4A	Mx	.002	1.5
4	MP4A	X	-3.026	3.5
5	MP4A	Z	-1.747	3.5
6	MP4A	Mx	.002	3.5
7	MP4B	X	-5.567	1.5
8	MP4B	Z	-3.214	1.5
9	MP4B	Mx	0	1.5
10	MP4B	X	-5.567	3.5
11	MP4B	Z	-3.214	3.5
12	MP4B	Mx	0	3.5
13	MP4C	X	-3.026	1.5
14	MP4C	Z	-1.747	1.5
15	MP4C	Mx	-.002	1.5
16	MP4C	X	-3.026	3.5
17	MP4C	Z	-1.747	3.5
18	MP4C	Mx	-.002	3.5
19	MP2A	X	-3.328	2
20	MP2A	Z	-1.922	2
21	MP2A	Mx	-.002	2
22	MP2B	X	-4.43	2
23	MP2B	Z	-2.558	2
24	MP2B	Mx	0	2
25	MP2C	X	-3.328	2
26	MP2C	Z	-1.922	2
27	MP2C	Mx	.002	2
28	MP3A	X	-3.129	2
29	MP3A	Z	-1.806	2
30	MP3A	Mx	-.002	2
31	MP3B	X	-4.43	2
32	MP3B	Z	-2.558	2
33	MP3B	Mx	0	2
34	MP3C	X	-3.129	2
35	MP3C	Z	-1.806	2
36	MP3C	Mx	.002	2
37	MP1A	X	-8.947	.25
38	MP1A	Z	-5.166	.25
39	MP1A	Mx	.004	.25
40	MP1A	X	-8.947	4.75
41	MP1A	Z	-5.166	4.75
42	MP1A	Mx	.004	4.75
43	MP1B	X	-5.129	.25
44	MP1B	Z	-2.961	.25
45	MP1B	Mx	0	.25
46	MP1B	X	-5.129	4.75
47	MP1B	Z	-2.961	4.75
48	MP1B	Mx	0	4.75
49	MP1C	X	-8.947	.25
50	MP1C	Z	-5.166	.25
51	MP1C	Mx	-.004	.25
52	MP1C	X	-8.947	4.75
53	MP1C	Z	-5.166	4.75
54	MP1C	Mx	-.004	4.75
55	MP5A	X	-8.947	.25
56	MP5A	Z	-5.166	.25
57	MP5A	Mx	.004	.25



Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
 1:35 PM  
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**Member Point Loads (BLC 37 : Antenna Wm (300 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
58	MP5A	X	-8.947	4.75
59	MP5A	Z	-5.166	4.75
60	MP5A	Mx	.004	4.75
61	MP5B	X	-5.129	.25
62	MP5B	Z	-2.961	.25
63	MP5B	Mx	0	.25
64	MP5B	X	-5.129	4.75
65	MP5B	Z	-2.961	4.75
66	MP5B	Mx	0	4.75
67	MP5C	X	-8.947	.25
68	MP5C	Z	-5.166	.25
69	MP5C	Mx	-.004	.25
70	MP5C	X	-8.947	4.75
71	MP5C	Z	-5.166	4.75
72	MP5C	Mx	-.004	4.75
73	MP3A	X	-7.138	.25
74	MP3A	Z	-4.121	.25
75	MP3A	Mx	.001	.25
76	MP3A	X	-7.138	4.75
77	MP3A	Z	-4.121	4.75
78	MP3A	Mx	.001	4.75
79	MP3B	X	-9.571	.25
80	MP3B	Z	-5.526	.25
81	MP3B	Mx	.006	.25
82	MP3B	X	-9.571	4.75
83	MP3B	Z	-5.526	4.75
84	MP3B	Mx	.006	4.75
85	MP3C	X	-7.138	.25
86	MP3C	Z	-4.121	.25
87	MP3C	Mx	-.006	.25
88	MP3C	X	-7.138	4.75
89	MP3C	Z	-4.121	4.75
90	MP3C	Mx	-.006	4.75
91	MP3A	X	-7.138	.25
92	MP3A	Z	-4.121	.25
93	MP3A	Mx	.006	.25
94	MP3A	X	-7.138	4.75
95	MP3A	Z	-4.121	4.75
96	MP3A	Mx	.006	4.75
97	MP3B	X	-9.571	.25
98	MP3B	Z	-5.526	.25
99	MP3B	Mx	-.006	.25
100	MP3B	X	-9.571	4.75
101	MP3B	Z	-5.526	4.75
102	MP3B	Mx	-.006	4.75
103	MP3C	X	-7.138	.25
104	MP3C	Z	-4.121	.25
105	MP3C	Mx	-.001	.25
106	MP3C	X	-7.138	4.75
107	MP3C	Z	-4.121	4.75
108	MP3C	Mx	-.001	4.75
109	OVP	X	-9.618	2.5
110	OVP	Z	-5.553	2.5
111	OVP	Mx	0	2.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
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Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
 1:35 PM  
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**Member Point Loads (BLC 38 : Antenna Wm (330 Deg)) (Continued)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP4A	X	-2.725	1.5
2	MP4A	Z	-4.72	1.5
3	MP4A	Mx	.001	1.5
4	MP4A	X	-2.725	3.5
5	MP4A	Z	-4.72	3.5
6	MP4A	Mx	.001	3.5
7	MP4B	X	-2.725	1.5
8	MP4B	Z	-4.72	1.5
9	MP4B	Mx	.001	1.5
10	MP4B	X	-2.725	3.5
11	MP4B	Z	-4.72	3.5
12	MP4B	Mx	.001	3.5
13	MP4C	X	-1.258	1.5
14	MP4C	Z	-2.179	1.5
15	MP4C	Mx	-.001	1.5
16	MP4C	X	-1.258	3.5
17	MP4C	Z	-2.179	3.5
18	MP4C	Mx	-.001	3.5
19	MP2A	X	-2.346	2
20	MP2A	Z	-4.063	2
21	MP2A	Mx	-.001	2
22	MP2B	X	-2.346	2
23	MP2B	Z	-4.063	2
24	MP2B	Mx	-.001	2
25	MP2C	X	-1.71	2
26	MP2C	Z	-2.961	2
27	MP2C	Mx	.002	2
28	MP3A	X	-2.307	2
29	MP3A	Z	-3.996	2
30	MP3A	Mx	-.001	2
31	MP3B	X	-2.307	2
32	MP3B	Z	-3.996	2
33	MP3B	Mx	-.001	2
34	MP3C	X	-1.556	2
35	MP3C	Z	-2.695	2
36	MP3C	Mx	.002	2
37	MP1A	X	-3.696	.25
38	MP1A	Z	-6.402	.25
39	MP1A	Mx	.002	.25
40	MP1A	X	-3.696	4.75
41	MP1A	Z	-6.402	4.75
42	MP1A	Mx	.002	4.75
43	MP1B	X	-3.696	.25
44	MP1B	Z	-6.402	.25
45	MP1B	Mx	.002	.25
46	MP1B	X	-3.696	4.75
47	MP1B	Z	-6.402	4.75
48	MP1B	Mx	.002	4.75
49	MP1C	X	-5.901	.25
50	MP1C	Z	-10.22	.25
51	MP1C	Mx	-.006	.25
52	MP1C	X	-5.901	4.75
53	MP1C	Z	-10.22	4.75
54	MP1C	Mx	-.006	4.75
55	MP5A	X	-3.696	.25
56	MP5A	Z	-6.402	.25
57	MP5A	Mx	.002	.25



Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
 1:35 PM  
 Checked By: \_\_\_\_\_

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
58	MP5A	X	-3.696	4.75
59	MP5A	Z	-6.402	4.75
60	MP5A	Mx	.002	4.75
61	MP5B	X	-3.696	.25
62	MP5B	Z	-6.402	.25
63	MP5B	Mx	.002	.25
64	MP5B	X	-3.696	4.75
65	MP5B	Z	-6.402	4.75
66	MP5B	Mx	.002	4.75
67	MP5C	X	-5.901	.25
68	MP5C	Z	-10.22	.25
69	MP5C	Mx	-.006	.25
70	MP5C	X	-5.901	4.75
71	MP5C	Z	-10.22	4.75
72	MP5C	Mx	-.006	4.75
73	MP3A	X	-5.057	.25
74	MP3A	Z	-8.76	.25
75	MP3A	Mx	-.003	.25
76	MP3A	X	-5.057	4.75
77	MP3A	Z	-8.76	4.75
78	MP3A	Mx	-.003	4.75
79	MP3B	X	-5.057	.25
80	MP3B	Z	-8.76	.25
81	MP3B	Mx	.008	.25
82	MP3B	X	-5.057	4.75
83	MP3B	Z	-8.76	4.75
84	MP3B	Mx	.008	4.75
85	MP3C	X	-3.653	.25
86	MP3C	Z	-6.327	.25
87	MP3C	Mx	-.004	.25
88	MP3C	X	-3.653	4.75
89	MP3C	Z	-6.327	4.75
90	MP3C	Mx	-.004	4.75
91	MP3A	X	-5.057	.25
92	MP3A	Z	-8.76	.25
93	MP3A	Mx	.008	.25
94	MP3A	X	-5.057	4.75
95	MP3A	Z	-8.76	4.75
96	MP3A	Mx	.008	4.75
97	MP3B	X	-5.057	.25
98	MP3B	Z	-8.76	.25
99	MP3B	Mx	-.003	.25
100	MP3B	X	-5.057	4.75
101	MP3B	Z	-8.76	4.75
102	MP3B	Mx	-.003	4.75
103	MP3C	X	-3.653	.25
104	MP3C	Z	-6.327	.25
105	MP3C	Mx	-.004	.25
106	MP3C	X	-3.653	4.75
107	MP3C	Z	-6.327	4.75
108	MP3C	Mx	-.004	4.75
109	OVP	X	-5.224	2.5
110	OVP	Z	-9.048	2.5
111	OVP	Mx	0	2.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
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Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
 1:35 PM  
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**Member Point Loads (BLC 77 : Lm1) (Continued)**

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	M151A	Y	-500	%87

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	M172	Y	-500	%50

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	M151A	Y	-250	0

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	M172	Y	-250	%50

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP4A	Y	0	1.5
2	MP4A	My	0	1.5
3	MP4A	Mz	0	1.5
4	MP4A	Y	0	3.5
5	MP4A	My	0	3.5
6	MP4A	Mz	0	3.5
7	MP4B	Y	0	1.5
8	MP4B	My	0	1.5
9	MP4B	Mz	0	1.5
10	MP4B	Y	0	3.5
11	MP4B	My	0	3.5
12	MP4B	Mz	0	3.5
13	MP4C	Y	0	1.5
14	MP4C	My	0	1.5
15	MP4C	Mz	0	1.5
16	MP4C	Y	0	3.5
17	MP4C	My	0	3.5
18	MP4C	Mz	0	3.5
19	MP2A	Y	0	2
20	MP2A	My	0	2
21	MP2A	Mz	0	2
22	MP2B	Y	0	2
23	MP2B	My	0	2
24	MP2B	Mz	0	2
25	MP2C	Y	0	2
26	MP2C	My	0	2
27	MP2C	Mz	0	2
28	MP3A	Y	0	2
29	MP3A	My	0	2
30	MP3A	Mz	0	2
31	MP3B	Y	0	2
32	MP3B	My	0	2
33	MP3B	Mz	0	2
34	MP3C	Y	0	2
35	MP3C	My	0	2
36	MP3C	Mz	0	2
37	MP1A	Y	0	.25
38	MP1A	My	0	.25
39	MP1A	Mz	0	.25



Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
 1:35 PM  
 Checked By: \_\_\_\_\_

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
40	MP1A	Y	0	4.75
41	MP1A	My	0	4.75
42	MP1A	Mz	0	4.75
43	MP1B	Y	0	.25
44	MP1B	My	0	.25
45	MP1B	Mz	0	.25
46	MP1B	Y	0	4.75
47	MP1B	My	0	4.75
48	MP1B	Mz	0	4.75
49	MP1C	Y	0	.25
50	MP1C	My	0	.25
51	MP1C	Mz	0	.25
52	MP1C	Y	0	4.75
53	MP1C	My	0	4.75
54	MP1C	Mz	0	4.75
55	MP5A	Y	0	.25
56	MP5A	My	0	.25
57	MP5A	Mz	0	.25
58	MP5A	Y	0	4.75
59	MP5A	My	0	4.75
60	MP5A	Mz	0	4.75
61	MP5B	Y	0	.25
62	MP5B	My	0	.25
63	MP5B	Mz	0	.25
64	MP5B	Y	0	4.75
65	MP5B	My	0	4.75
66	MP5B	Mz	0	4.75
67	MP5C	Y	0	.25
68	MP5C	My	0	.25
69	MP5C	Mz	0	.25
70	MP5C	Y	0	4.75
71	MP5C	My	0	4.75
72	MP5C	Mz	0	4.75
73	MP3A	Y	0	.25
74	MP3A	My	0	.25
75	MP3A	Mz	0	.25
76	MP3A	Y	0	4.75
77	MP3A	My	0	4.75
78	MP3A	Mz	0	4.75
79	MP3B	Y	0	.25
80	MP3B	My	0	.25
81	MP3B	Mz	0	.25
82	MP3B	Y	0	4.75
83	MP3B	My	0	4.75
84	MP3B	Mz	0	4.75
85	MP3C	Y	0	.25
86	MP3C	My	0	.25
87	MP3C	Mz	0	.25
88	MP3C	Y	0	4.75
89	MP3C	My	0	4.75
90	MP3C	Mz	0	4.75
91	MP3A	Y	0	.25
92	MP3A	My	0	.25
93	MP3A	Mz	0	.25
94	MP3A	Y	0	4.75
95	MP3A	My	0	4.75
96	MP3A	Mz	0	4.75

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
97	MP3B	Y	0	.25
98	MP3B	My	0	.25
99	MP3B	Mz	0	.25
100	MP3B	Y	0	4.75
101	MP3B	My	0	4.75
102	MP3B	Mz	0	4.75
103	MP3C	Y	0	.25
104	MP3C	My	0	.25
105	MP3C	Mz	0	.25
106	MP3C	Y	0	4.75
107	MP3C	My	0	4.75
108	MP3C	Mz	0	4.75
109	OVP	Y	0	2.5
110	OVP	My	0	2.5
111	OVP	Mz	0	2.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP4A	Z	-1.306	1.5
2	MP4A	Mx	0	1.5
3	MP4A	Z	-1.306	3.5
4	MP4A	Mx	0	3.5
5	MP4B	Z	-1.306	1.5
6	MP4B	Mx	.000566	1.5
7	MP4B	Z	-1.306	3.5
8	MP4B	Mx	.000566	3.5
9	MP4C	Z	-1.306	1.5
10	MP4C	Mx	-.000566	1.5
11	MP4C	Z	-1.306	3.5
12	MP4C	Mx	-.000566	3.5
13	MP2A	Z	-2.241	2
14	MP2A	Mx	0	2
15	MP2B	Z	-2.241	2
16	MP2B	Mx	-.00097	2
17	MP2C	Z	-2.241	2
18	MP2C	Mx	.00097	2
19	MP3A	Z	-2.109	2
20	MP3A	Mx	0	2
21	MP3B	Z	-2.109	2
22	MP3B	Mx	-.000913	2
23	MP3C	Z	-2.109	2
24	MP3C	Mx	.000913	2
25	MP1A	Z	-.315	.25
26	MP1A	Mx	0	.25
27	MP1A	Z	-.315	4.75
28	MP1A	Mx	0	4.75
29	MP1B	Z	-.315	.25
30	MP1B	Mx	.000136	.25
31	MP1B	Z	-.315	4.75
32	MP1B	Mx	.000136	4.75
33	MP1C	Z	-.315	.25
34	MP1C	Mx	-.000136	.25
35	MP1C	Z	-.315	4.75
36	MP1C	Mx	-.000136	4.75
37	MP5A	Z	-.315	.25
38	MP5A	Mx	0	.25



Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
 1:35 PM  
 Checked By: \_\_\_\_\_

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
39	MP5A	Z	-.315	4.75
40	MP5A	Mx	0	4.75
41	MP5B	Z	-.315	.25
42	MP5B	Mx	.000136	.25
43	MP5B	Z	-.315	4.75
44	MP5B	Mx	.000136	4.75
45	MP5C	Z	-.315	.25
46	MP5C	Mx	-.000136	.25
47	MP5C	Z	-.315	4.75
48	MP5C	Mx	-.000136	4.75
49	MP3A	Z	-.655	.25
50	MP3A	Mx	-.000382	.25
51	MP3A	Z	-.655	4.75
52	MP3A	Mx	-.000382	4.75
53	MP3B	Z	-.655	.25
54	MP3B	Mx	.000475	.25
55	MP3B	Z	-.655	4.75
56	MP3B	Mx	.000475	4.75
57	MP3C	Z	-.655	.25
58	MP3C	Mx	-9.3e-5	.25
59	MP3C	Z	-.655	4.75
60	MP3C	Mx	-9.3e-5	4.75
61	MP3A	Z	-.655	.25
62	MP3A	Mx	.000382	.25
63	MP3A	Z	-.655	4.75
64	MP3A	Mx	.000382	4.75
65	MP3B	Z	-.655	.25
66	MP3B	Mx	9.3e-5	.25
67	MP3B	Z	-.655	4.75
68	MP3B	Mx	9.3e-5	4.75
69	MP3C	Z	-.655	.25
70	MP3C	Mx	-.000475	.25
71	MP3C	Z	-.655	4.75
72	MP3C	Mx	-.000475	4.75
73	OVP	Z	-.96	2.5
74	OVP	Mx	0	2.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP4A	X	1.306	1.5
2	MP4A	Mx	-.000653	1.5
3	MP4A	X	1.306	3.5
4	MP4A	Mx	-.000653	3.5
5	MP4B	X	1.306	1.5
6	MP4B	Mx	.000327	1.5
7	MP4B	X	1.306	3.5
8	MP4B	Mx	.000327	3.5
9	MP4C	X	1.306	1.5
10	MP4C	Mx	.000327	1.5
11	MP4C	X	1.306	3.5
12	MP4C	Mx	.000327	3.5
13	MP2A	X	2.241	2
14	MP2A	Mx	.001	2
15	MP2B	X	2.241	2
16	MP2B	Mx	-.00056	2
17	MP2C	X	2.241	2





Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
 1:35 PM  
 Checked By: \_\_\_\_\_

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
18	MP2C	Mx	-.00056	2
19	MP3A	X	2.109	2
20	MP3A	Mx	.001	2
21	MP3B	X	2.109	2
22	MP3B	Mx	-.000527	2
23	MP3C	X	2.109	2
24	MP3C	Mx	-.000527	2
25	MP1A	X	.315	.25
26	MP1A	Mx	-.000158	.25
27	MP1A	X	.315	4.75
28	MP1A	Mx	-.000158	4.75
29	MP1B	X	.315	.25
30	MP1B	Mx	7.9e-5	.25
31	MP1B	X	.315	4.75
32	MP1B	Mx	7.9e-5	4.75
33	MP1C	X	.315	.25
34	MP1C	Mx	7.9e-5	.25
35	MP1C	X	.315	4.75
36	MP1C	Mx	7.9e-5	4.75
37	MP5A	X	.315	.25
38	MP5A	Mx	-.000158	.25
39	MP5A	X	.315	4.75
40	MP5A	Mx	-.000158	4.75
41	MP5B	X	.315	.25
42	MP5B	Mx	7.9e-5	.25
43	MP5B	X	.315	4.75
44	MP5B	Mx	7.9e-5	4.75
45	MP5C	X	.315	.25
46	MP5C	Mx	7.9e-5	.25
47	MP5C	X	.315	4.75
48	MP5C	Mx	7.9e-5	4.75
49	MP3A	X	.655	.25
50	MP3A	Mx	-.000328	.25
51	MP3A	X	.655	4.75
52	MP3A	Mx	-.000328	4.75
53	MP3B	X	.655	.25
54	MP3B	Mx	-.000167	.25
55	MP3B	X	.655	4.75
56	MP3B	Mx	-.000167	4.75
57	MP3C	X	.655	.25
58	MP3C	Mx	.000495	.25
59	MP3C	X	.655	4.75
60	MP3C	Mx	.000495	4.75
61	MP3A	X	.655	.25
62	MP3A	Mx	-.000328	.25
63	MP3A	X	.655	4.75
64	MP3A	Mx	-.000328	4.75
65	MP3B	X	.655	.25
66	MP3B	Mx	.000495	.25
67	MP3B	X	.655	4.75
68	MP3B	Mx	.000495	4.75
69	MP3C	X	.655	.25
70	MP3C	Mx	-.000167	.25
71	MP3C	X	.655	4.75
72	MP3C	Mx	-.000167	4.75
73	OVP	X	.96	2.5
74	OVP	Mx	0	2.5

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M1	Y	-7.418	-7.418	0	%100
2	M4	Y	-7.849	-7.849	0	%100
3	M5	Y	-7.849	-7.849	0	%100
4	M18	Y	-5.738	-5.738	0	%100
5	M19	Y	-5.738	-5.738	0	%100
6	M20	Y	-5.738	-5.738	0	%100
7	M21	Y	-5.738	-5.738	0	%100
8	M22	Y	-5.738	-5.738	0	%100
9	M28	Y	-9.344	-9.344	0	%100
10	M29	Y	-9.344	-9.344	0	%100
11	M27A	Y	-5.738	-5.738	0	%100
12	M28A	Y	-5.738	-5.738	0	%100
13	M29A	Y	-5.738	-5.738	0	%100
14	M44	Y	-13.175	-13.175	0	%100
15	M47	Y	-13.175	-13.175	0	%100
16	M48	Y	-13.175	-13.175	0	%100
17	M51	Y	-7.766	-7.766	0	%100
18	M52	Y	-7.418	-7.418	0	%100
19	M55	Y	-7.849	-7.849	0	%100
20	M56	Y	-7.849	-7.849	0	%100
21	M69	Y	-5.738	-5.738	0	%100
22	M70	Y	-5.738	-5.738	0	%100
23	M71	Y	-5.738	-5.738	0	%100
24	M72	Y	-5.738	-5.738	0	%100
25	M73	Y	-5.738	-5.738	0	%100
26	M76	Y	-9.344	-9.344	0	%100
27	M77	Y	-9.344	-9.344	0	%100
28	M78	Y	-5.738	-5.738	0	%100
29	M79	Y	-5.738	-5.738	0	%100
30	M80	Y	-5.738	-5.738	0	%100
31	M95	Y	-13.175	-13.175	0	%100
32	M98	Y	-13.175	-13.175	0	%100
33	M99	Y	-13.175	-13.175	0	%100
34	M102	Y	-7.766	-7.766	0	%100
35	M103	Y	-7.418	-7.418	0	%100
36	M106	Y	-7.849	-7.849	0	%100
37	M107	Y	-7.849	-7.849	0	%100
38	M120	Y	-5.738	-5.738	0	%100
39	M121	Y	-5.738	-5.738	0	%100
40	M122	Y	-5.738	-5.738	0	%100
41	M123	Y	-5.738	-5.738	0	%100
42	M124	Y	-5.738	-5.738	0	%100
43	M127	Y	-9.344	-9.344	0	%100
44	M128	Y	-9.344	-9.344	0	%100
45	M129	Y	-5.738	-5.738	0	%100
46	M130	Y	-5.738	-5.738	0	%100
47	M131	Y	-5.738	-5.738	0	%100
48	M146	Y	-13.175	-13.175	0	%100
49	M149	Y	-13.175	-13.175	0	%100
50	M150	Y	-13.175	-13.175	0	%100
51	M153	Y	-7.766	-7.766	0	%100
52	M148A	Y	-9.344	-9.344	0	%100
53	M149A	Y	-9.344	-9.344	0	%100
54	M150A	Y	-9.344	-9.344	0	%100
55	M151A	Y	-5.088	-5.088	0	%100
56	M152A	Y	-8.872	-8.872	0	%100



Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
 1:35 PM  
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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, %]
57	M154	Y	-5.088	-5.088	0	%100
58	M157	Y	-5.088	-5.088	0	%100
59	M166	Y	-8.872	-8.872	0	%100
60	M162A	Y	-8.872	-8.872	0	%100
61	M163A	Y	-8.872	-8.872	0	%100
62	M164A	Y	-8.872	-8.872	0	%100
63	M165A	Y	-8.872	-8.872	0	%100
64	M166A	Y	-8.872	-8.872	0	%100
65	M167	Y	-8.872	-8.872	0	%100
66	M168	Y	-8.872	-8.872	0	%100
67	M169	Y	-8.872	-8.872	0	%100
68	M170	Y	-8.872	-8.872	0	%100
69	M171	Y	-8.872	-8.872	0	%100
70	M172	Y	-5.088	-5.088	0	%100
71	M173	Y	-5.088	-5.088	0	%100
72	M174	Y	-5.088	-5.088	0	%100
73	M175	Y	-5.088	-5.088	0	%100
74	M176	Y	-5.088	-5.088	0	%100
75	M177	Y	-5.088	-5.088	0	%100
76	MP5A	Y	-5.088	-5.088	0	%100
77	MP1A	Y	-5.088	-5.088	0	%100
78	MP2A	Y	-5.088	-5.088	0	%100
79	MP3A	Y	-5.088	-5.088	0	%100
80	MP4A	Y	-5.088	-5.088	0	%100
81	MP5C	Y	-5.088	-5.088	0	%100
82	MP1C	Y	-5.088	-5.088	0	%100
83	MP3C	Y	-5.088	-5.088	0	%100
84	MP5B	Y	-5.088	-5.088	0	%100
85	MP1B	Y	-5.088	-5.088	0	%100
86	MP3B	Y	-5.088	-5.088	0	%100
87	M211	Y	-5.088	-5.088	0	%100
88	M215	Y	-5.088	-5.088	0	%100
89	M219	Y	-5.088	-5.088	0	%100
90	M222	Y	-10.302	-10.302	0	%100
91	M223	Y	-10.302	-10.302	0	%100
92	M226	Y	-10.302	-10.302	0	%100
93	M227	Y	-10.302	-10.302	0	%100
94	M230	Y	-10.302	-10.302	0	%100
95	M231	Y	-10.302	-10.302	0	%100
96	M238	Y	-6.752	-6.752	0	%100
97	M239	Y	-6.752	-6.752	0	%100
98	M240	Y	-6.752	-6.752	0	%100
99	OVP	Y	-5.088	-5.088	0	%100
100	MP2C	Y	-5.088	-5.088	0	%100
101	MP4C	Y	-5.088	-5.088	0	%100
102	MP2B	Y	-5.088	-5.088	0	%100
103	MP4B	Y	-5.088	-5.088	0	%100
104	M243A	Y	-6.752	-6.752	0	%100
105	M244A	Y	-6.752	-6.752	0	%100
106	M245A	Y	-6.752	-6.752	0	%100
107	M246A	Y	-6.752	-6.752	0	%100
108	M247A	Y	-6.752	-6.752	0	%100
109	M248A	Y	-6.752	-6.752	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, %]
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Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
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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, %]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M5	X	0	0	0	%100
6	M5	Z	0	0	0	%100
7	M18	X	0	0	0	%100
8	M18	Z	-9.092	-9.092	0	%100
9	M19	X	0	0	0	%100
10	M19	Z	-2.456	-2.456	0	%100
11	M20	X	0	0	0	%100
12	M20	Z	-2.456	-2.456	0	%100
13	M21	X	0	0	0	%100
14	M21	Z	-10.979	-10.979	0	%100
15	M22	X	0	0	0	%100
16	M22	Z	-9.092	-9.092	0	%100
17	M28	X	0	0	0	%100
18	M28	Z	-5.605	-5.605	0	%100
19	M29	X	0	0	0	%100
20	M29	Z	-5.605	-5.605	0	%100
21	M27A	X	0	0	0	%100
22	M27A	Z	-2.456	-2.456	0	%100
23	M28A	X	0	0	0	%100
24	M28A	Z	-2.456	-2.456	0	%100
25	M29A	X	0	0	0	%100
26	M29A	Z	-10.979	-10.979	0	%100
27	M44	X	0	0	0	%100
28	M44	Z	-33.285	-33.285	0	%100
29	M47	X	0	0	0	%100
30	M47	Z	-2.08	-2.08	0	%100
31	M48	X	0	0	0	%100
32	M48	Z	-2.08	-2.08	0	%100
33	M51	X	0	0	0	%100
34	M51	Z	-12.26	-12.26	0	%100
35	M52	X	0	0	0	%100
36	M52	Z	-7.6	-7.6	0	%100
37	M55	X	0	0	0	%100
38	M55	Z	-15.775	-15.775	0	%100
39	M56	X	0	0	0	%100
40	M56	Z	-15.775	-15.775	0	%100
41	M69	X	0	0	0	%100
42	M69	Z	-2.273	-2.273	0	%100
43	M70	X	0	0	0	%100
44	M70	Z	-9.824	-9.824	0	%100
45	M71	X	0	0	0	%100
46	M71	Z	-2.456	-2.456	0	%100
47	M72	X	0	0	0	%100
48	M72	Z	-2.745	-2.745	0	%100
49	M73	X	0	0	0	%100
50	M73	Z	-2.273	-2.273	0	%100
51	M76	X	0	0	0	%100
52	M76	Z	-22.421	-22.421	0	%100
53	M77	X	0	0	0	%100
54	M77	Z	-5.605	-5.605	0	%100
55	M78	X	0	0	0	%100
56	M78	Z	-9.824	-9.824	0	%100
57	M79	X	0	0	0	%100

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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
58	M79	Z	-2.456	-2.456	0 %100
59	M80	X	0	0	0 %100
60	M80	Z	-2.745	-2.745	0 %100
61	M95	X	0	0	0 %100
62	M95	Z	-25.816	-25.816	0 %100
63	M98	X	0	0	0 %100
64	M98	Z	-10.878	-10.878	0 %100
65	M99	X	0	0	0 %100
66	M99	Z	-10.878	-10.878	0 %100
67	M102	X	0	0	0 %100
68	M102	Z	-3.065	-3.065	0 %100
69	M103	X	0	0	0 %100
70	M103	Z	-7.6	-7.6	0 %100
71	M106	X	0	0	0 %100
72	M106	Z	-15.775	-15.775	0 %100
73	M107	X	0	0	0 %100
74	M107	Z	-15.775	-15.775	0 %100
75	M120	X	0	0	0 %100
76	M120	Z	-2.273	-2.273	0 %100
77	M121	X	0	0	0 %100
78	M121	Z	-2.456	-2.456	0 %100
79	M122	X	0	0	0 %100
80	M122	Z	-9.824	-9.824	0 %100
81	M123	X	0	0	0 %100
82	M123	Z	-2.745	-2.745	0 %100
83	M124	X	0	0	0 %100
84	M124	Z	-2.273	-2.273	0 %100
85	M127	X	0	0	0 %100
86	M127	Z	-5.605	-5.605	0 %100
87	M128	X	0	0	0 %100
88	M128	Z	-22.421	-22.421	0 %100
89	M129	X	0	0	0 %100
90	M129	Z	-2.456	-2.456	0 %100
91	M130	X	0	0	0 %100
92	M130	Z	-9.824	-9.824	0 %100
93	M131	X	0	0	0 %100
94	M131	Z	-2.745	-2.745	0 %100
95	M146	X	0	0	0 %100
96	M146	Z	-25.816	-25.816	0 %100
97	M149	X	0	0	0 %100
98	M149	Z	-10.878	-10.878	0 %100
99	M150	X	0	0	0 %100
100	M150	Z	-10.878	-10.878	0 %100
101	M153	X	0	0	0 %100
102	M153	Z	-3.065	-3.065	0 %100
103	M148A	X	0	0	0 %100
104	M148A	Z	-25.685	-25.685	0 %100
105	M149A	X	0	0	0 %100
106	M149A	Z	-6.421	-6.421	0 %100
107	M150A	X	0	0	0 %100
108	M150A	Z	-6.421	-6.421	0 %100
109	M151A	X	0	0	0 %100
110	M151A	Z	-9.881	-9.881	0 %100
111	M152A	X	0	0	0 %100
112	M152A	Z	0	0	0 %100
113	M154	X	0	0	0 %100
114	M154	Z	-2.47	-2.47	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, %]	
115	M157	X	0	0	0	%100
116	M157	Z	-2.47	-2.47	0	%100
117	M166	X	0	0	0	%100
118	M166	Z	-20.803	-20.803	0	%100
119	M162A	X	0	0	0	%100
120	M162A	Z	0	0	0	%100
121	M163A	X	0	0	0	%100
122	M163A	Z	-20.803	-20.803	0	%100
123	M164A	X	0	0	0	%100
124	M164A	Z	-15.602	-15.602	0	%100
125	M165A	X	0	0	0	%100
126	M165A	Z	-5.201	-5.201	0	%100
127	M166A	X	0	0	0	%100
128	M166A	Z	-15.602	-15.602	0	%100
129	M167	X	0	0	0	%100
130	M167	Z	-5.201	-5.201	0	%100
131	M168	X	0	0	0	%100
132	M168	Z	-15.602	-15.602	0	%100
133	M169	X	0	0	0	%100
134	M169	Z	-5.201	-5.201	0	%100
135	M170	X	0	0	0	%100
136	M170	Z	-15.602	-15.602	0	%100
137	M171	X	0	0	0	%100
138	M171	Z	-5.201	-5.201	0	%100
139	M172	X	0	0	0	%100
140	M172	Z	-9.159	-9.159	0	%100
141	M173	X	0	0	0	%100
142	M173	Z	-2.29	-2.29	0	%100
143	M174	X	0	0	0	%100
144	M174	Z	-2.29	-2.29	0	%100
145	M175	X	0	0	0	%100
146	M175	Z	-9.881	-9.881	0	%100
147	M176	X	0	0	0	%100
148	M176	Z	-2.47	-2.47	0	%100
149	M177	X	0	0	0	%100
150	M177	Z	-2.47	-2.47	0	%100
151	MP5A	X	0	0	0	%100
152	MP5A	Z	-9.881	-9.881	0	%100
153	MP1A	X	0	0	0	%100
154	MP1A	Z	-9.881	-9.881	0	%100
155	MP2A	X	0	0	0	%100
156	MP2A	Z	-9.881	-9.881	0	%100
157	MP3A	X	0	0	0	%100
158	MP3A	Z	-9.881	-9.881	0	%100
159	MP4A	X	0	0	0	%100
160	MP4A	Z	-9.881	-9.881	0	%100
161	MP5C	X	0	0	0	%100
162	MP5C	Z	-9.881	-9.881	0	%100
163	MP1C	X	0	0	0	%100
164	MP1C	Z	-9.881	-9.881	0	%100
165	MP3C	X	0	0	0	%100
166	MP3C	Z	-9.881	-9.881	0	%100
167	MP5B	X	0	0	0	%100
168	MP5B	Z	-9.881	-9.881	0	%100
169	MP1B	X	0	0	0	%100
170	MP1B	Z	-9.881	-9.881	0	%100
171	MP3B	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
172	MP3B	Z	-9.881	-9.881	0	%100
173	M211	X	0	0	0	%100
174	M211	Z	-9.881	-9.881	0	%100
175	M215	X	0	0	0	%100
176	M215	Z	-2.47	-2.47	0	%100
177	M219	X	0	0	0	%100
178	M219	Z	-2.47	-2.47	0	%100
179	M222	X	0	0	0	%100
180	M222	Z	-24.964	-24.964	0	%100
181	M223	X	0	0	0	%100
182	M223	Z	-24.964	-24.964	0	%100
183	M226	X	0	0	0	%100
184	M226	Z	-6.241	-6.241	0	%100
185	M227	X	0	0	0	%100
186	M227	Z	-6.241	-6.241	0	%100
187	M230	X	0	0	0	%100
188	M230	Z	-6.241	-6.241	0	%100
189	M231	X	0	0	0	%100
190	M231	Z	-6.241	-6.241	0	%100
191	M238	X	0	0	0	%100
192	M238	Z	-2.951	-2.951	0	%100
193	M239	X	0	0	0	%100
194	M239	Z	-2.951	-2.951	0	%100
195	M240	X	0	0	0	%100
196	M240	Z	-11.806	-11.806	0	%100
197	OVP	X	0	0	0	%100
198	OVP	Z	-9.881	-9.881	0	%100
199	MP2C	X	0	0	0	%100
200	MP2C	Z	-9.881	-9.881	0	%100
201	MP4C	X	0	0	0	%100
202	MP4C	Z	-9.881	-9.881	0	%100
203	MP2B	X	0	0	0	%100
204	MP2B	Z	-9.881	-9.881	0	%100
205	MP4B	X	0	0	0	%100
206	MP4B	Z	-9.881	-9.881	0	%100
207	M243A	X	0	0	0	%100
208	M243A	Z	-8.672	-8.672	0	%100
209	M244A	X	0	0	0	%100
210	M244A	Z	-8.672	-8.672	0	%100
211	M245A	X	0	0	0	%100
212	M245A	Z	-14.216	-14.216	0	%100
213	M246A	X	0	0	0	%100
214	M246A	Z	-.682	-.682	0	%100
215	M247A	X	0	0	0	%100
216	M247A	Z	-.682	-.682	0	%100
217	M248A	X	0	0	0	%100
218	M248A	Z	-14.216	-14.216	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M1	X	1.267	1.267	0	%100
2	M1	Z	-2.194	-2.194	0	%100
3	M4	X	2.629	2.629	0	%100
4	M4	Z	-4.554	-4.554	0	%100
5	M5	X	2.629	2.629	0	%100
6	M5	Z	-4.554	-4.554	0	%100



Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
 1:35 PM  
 Checked By: \_\_\_\_\_

**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.%,]
7	M18	X	3.409	3.409	0	%100
8	M18	Z	-5.905	-5.905	0	%100
9	M19	X	0	0	0	%100
10	M19	Z	0	0	0	%100
11	M20	X	3.684	3.684	0	%100
12	M20	Z	-6.381	-6.381	0	%100
13	M21	X	4.117	4.117	0	%100
14	M21	Z	-7.131	-7.131	0	%100
15	M22	X	3.409	3.409	0	%100
16	M22	Z	-5.905	-5.905	0	%100
17	M28	X	0	0	0	%100
18	M28	Z	0	0	0	%100
19	M29	X	8.408	8.408	0	%100
20	M29	Z	-14.563	-14.563	0	%100
21	M27A	X	0	0	0	%100
22	M27A	Z	0	0	0	%100
23	M28A	X	3.684	3.684	0	%100
24	M28A	Z	-6.381	-6.381	0	%100
25	M29A	X	4.117	4.117	0	%100
26	M29A	Z	-7.131	-7.131	0	%100
27	M44	X	12.908	12.908	0	%100
28	M44	Z	-22.357	-22.357	0	%100
29	M47	X	7.599	7.599	0	%100
30	M47	Z	-13.162	-13.162	0	%100
31	M48	X	7.599	7.599	0	%100
32	M48	Z	-13.162	-13.162	0	%100
33	M51	X	4.598	4.598	0	%100
34	M51	Z	-7.963	-7.963	0	%100
35	M52	X	1.267	1.267	0	%100
36	M52	Z	-2.194	-2.194	0	%100
37	M55	X	2.629	2.629	0	%100
38	M55	Z	-4.554	-4.554	0	%100
39	M56	X	2.629	2.629	0	%100
40	M56	Z	-4.554	-4.554	0	%100
41	M69	X	3.409	3.409	0	%100
42	M69	Z	-5.905	-5.905	0	%100
43	M70	X	3.684	3.684	0	%100
44	M70	Z	-6.381	-6.381	0	%100
45	M71	X	0	0	0	%100
46	M71	Z	0	0	0	%100
47	M72	X	4.117	4.117	0	%100
48	M72	Z	-7.131	-7.131	0	%100
49	M73	X	3.409	3.409	0	%100
50	M73	Z	-5.905	-5.905	0	%100
51	M76	X	8.408	8.408	0	%100
52	M76	Z	-14.563	-14.563	0	%100
53	M77	X	0	0	0	%100
54	M77	Z	0	0	0	%100
55	M78	X	3.684	3.684	0	%100
56	M78	Z	-6.381	-6.381	0	%100
57	M79	X	0	0	0	%100
58	M79	Z	0	0	0	%100
59	M80	X	4.117	4.117	0	%100
60	M80	Z	-7.131	-7.131	0	%100
61	M95	X	5.439	5.439	0	%100
62	M95	Z	-9.421	-9.421	0	%100
63	M98	X	12.908	12.908	0	%100





Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
 1:35 PM  
 Checked By: \_\_\_\_\_

**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.%]
64	M98	Z	-22.357	-22.357	0 %100
65	M99	X	12.908	12.908	0 %100
66	M99	Z	-22.357	-22.357	0 %100
67	M102	X	4.598	4.598	0 %100
68	M102	Z	-7.963	-7.963	0 %100
69	M103	X	5.067	5.067	0 %100
70	M103	Z	-8.776	-8.776	0 %100
71	M106	X	10.517	10.517	0 %100
72	M106	Z	-18.215	-18.215	0 %100
73	M107	X	10.517	10.517	0 %100
74	M107	Z	-18.215	-18.215	0 %100
75	M120	X	0	0	0 %100
76	M120	Z	0	0	0 %100
77	M121	X	3.684	3.684	0 %100
78	M121	Z	-6.381	-6.381	0 %100
79	M122	X	3.684	3.684	0 %100
80	M122	Z	-6.381	-6.381	0 %100
81	M123	X	0	0	0 %100
82	M123	Z	0	0	0 %100
83	M124	X	0	0	0 %100
84	M124	Z	0	0	0 %100
85	M127	X	8.408	8.408	0 %100
86	M127	Z	-14.563	-14.563	0 %100
87	M128	X	8.408	8.408	0 %100
88	M128	Z	-14.563	-14.563	0 %100
89	M129	X	3.684	3.684	0 %100
90	M129	Z	-6.381	-6.381	0 %100
91	M130	X	3.684	3.684	0 %100
92	M130	Z	-6.381	-6.381	0 %100
93	M131	X	0	0	0 %100
94	M131	Z	0	0	0 %100
95	M146	X	16.642	16.642	0 %100
96	M146	Z	-28.825	-28.825	0 %100
97	M149	X	1.705	1.705	0 %100
98	M149	Z	-2.953	-2.953	0 %100
99	M150	X	1.705	1.705	0 %100
100	M150	Z	-2.953	-2.953	0 %100
101	M153	X	0	0	0 %100
102	M153	Z	0	0	0 %100
103	M148A	X	9.632	9.632	0 %100
104	M148A	Z	-16.683	-16.683	0 %100
105	M149A	X	9.632	9.632	0 %100
106	M149A	Z	-16.683	-16.683	0 %100
107	M150A	X	0	0	0 %100
108	M150A	Z	0	0	0 %100
109	M151A	X	3.706	3.706	0 %100
110	M151A	Z	-6.418	-6.418	0 %100
111	M152A	X	2.6	2.6	0 %100
112	M152A	Z	-4.504	-4.504	0 %100
113	M154	X	3.706	3.706	0 %100
114	M154	Z	-6.418	-6.418	0 %100
115	M157	X	0	0	0 %100
116	M157	Z	0	0	0 %100
117	M166	X	7.801	7.801	0 %100
118	M166	Z	-13.512	-13.512	0 %100
119	M162A	X	2.6	2.6	0 %100
120	M162A	Z	-4.504	-4.504	0 %100

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

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%,]	End Location[ft.%,]
121	M163A	X	7.801	7.801	0 %100
122	M163A	Z	-13.512	-13.512	0 %100
123	M164A	X	2.6	2.6	0 %100
124	M164A	Z	-4.504	-4.504	0 %100
125	M165A	X	7.801	7.801	0 %100
126	M165A	Z	-13.512	-13.512	0 %100
127	M166A	X	2.6	2.6	0 %100
128	M166A	Z	-4.504	-4.504	0 %100
129	M167	X	7.801	7.801	0 %100
130	M167	Z	-13.512	-13.512	0 %100
131	M168	X	10.401	10.401	0 %100
132	M168	Z	-18.016	-18.016	0 %100
133	M169	X	0	0	0 %100
134	M169	Z	0	0	0 %100
135	M170	X	10.401	10.401	0 %100
136	M170	Z	-18.016	-18.016	0 %100
137	M171	X	0	0	0 %100
138	M171	Z	0	0	0 %100
139	M172	X	3.435	3.435	0 %100
140	M172	Z	-5.949	-5.949	0 %100
141	M173	X	3.435	3.435	0 %100
142	M173	Z	-5.949	-5.949	0 %100
143	M174	X	0	0	0 %100
144	M174	Z	0	0	0 %100
145	M175	X	3.706	3.706	0 %100
146	M175	Z	-6.418	-6.418	0 %100
147	M176	X	3.706	3.706	0 %100
148	M176	Z	-6.418	-6.418	0 %100
149	M177	X	0	0	0 %100
150	M177	Z	0	0	0 %100
151	MP5A	X	4.941	4.941	0 %100
152	MP5A	Z	-8.558	-8.558	0 %100
153	MP1A	X	4.941	4.941	0 %100
154	MP1A	Z	-8.558	-8.558	0 %100
155	MP2A	X	4.941	4.941	0 %100
156	MP2A	Z	-8.558	-8.558	0 %100
157	MP3A	X	4.941	4.941	0 %100
158	MP3A	Z	-8.558	-8.558	0 %100
159	MP4A	X	4.941	4.941	0 %100
160	MP4A	Z	-8.558	-8.558	0 %100
161	MP5C	X	4.941	4.941	0 %100
162	MP5C	Z	-8.558	-8.558	0 %100
163	MP1C	X	4.941	4.941	0 %100
164	MP1C	Z	-8.558	-8.558	0 %100
165	MP3C	X	4.941	4.941	0 %100
166	MP3C	Z	-8.558	-8.558	0 %100
167	MP5B	X	4.941	4.941	0 %100
168	MP5B	Z	-8.558	-8.558	0 %100
169	MP1B	X	4.941	4.941	0 %100
170	MP1B	Z	-8.558	-8.558	0 %100
171	MP3B	X	4.941	4.941	0 %100
172	MP3B	Z	-8.558	-8.558	0 %100
173	M211	X	3.706	3.706	0 %100
174	M211	Z	-6.418	-6.418	0 %100
175	M215	X	3.706	3.706	0 %100
176	M215	Z	-6.418	-6.418	0 %100
177	M219	X	0	0	0 %100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%,]	End Location[ft.%,]
178	M219	Z	0	0	0	%100
179	M222	X	9.361	9.361	0	%100
180	M222	Z	-16.214	-16.214	0	%100
181	M223	X	9.361	9.361	0	%100
182	M223	Z	-16.214	-16.214	0	%100
183	M226	X	9.361	9.361	0	%100
184	M226	Z	-16.214	-16.214	0	%100
185	M227	X	9.361	9.361	0	%100
186	M227	Z	-16.214	-16.214	0	%100
187	M230	X	0	0	0	%100
188	M230	Z	0	0	0	%100
189	M231	X	0	0	0	%100
190	M231	Z	0	0	0	%100
191	M238	X	4.427	4.427	0	%100
192	M238	Z	-7.668	-7.668	0	%100
193	M239	X	0	0	0	%100
194	M239	Z	0	0	0	%100
195	M240	X	4.427	4.427	0	%100
196	M240	Z	-7.668	-7.668	0	%100
197	OVP	X	4.941	4.941	0	%100
198	OVP	Z	-8.558	-8.558	0	%100
199	MP2C	X	4.941	4.941	0	%100
200	MP2C	Z	-8.558	-8.558	0	%100
201	MP4C	X	4.941	4.941	0	%100
202	MP4C	Z	-8.558	-8.558	0	%100
203	MP2B	X	4.941	4.941	0	%100
204	MP2B	Z	-8.558	-8.558	0	%100
205	MP4B	X	4.941	4.941	0	%100
206	MP4B	Z	-8.558	-8.558	0	%100
207	M243A	X	.748	.748	0	%100
208	M243A	Z	-1.296	-1.296	0	%100
209	M244A	X	7.516	7.516	0	%100
210	M244A	Z	-13.018	-13.018	0	%100
211	M245A	X	7.516	7.516	0	%100
212	M245A	Z	-13.018	-13.018	0	%100
213	M246A	X	.748	.748	0	%100
214	M246A	Z	-1.296	-1.296	0	%100
215	M247A	X	3.521	3.521	0	%100
216	M247A	Z	-6.098	-6.098	0	%100
217	M248A	X	3.521	3.521	0	%100
218	M248A	Z	-6.098	-6.098	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	6.582	6.582	0	%100
2	M1	Z	-3.8	-3.8	0	%100
3	M4	X	13.661	13.661	0	%100
4	M4	Z	-7.887	-7.887	0	%100
5	M5	X	13.661	13.661	0	%100
6	M5	Z	-7.887	-7.887	0	%100
7	M18	X	1.968	1.968	0	%100
8	M18	Z	-1.136	-1.136	0	%100
9	M19	X	2.127	2.127	0	%100
10	M19	Z	-1.228	-1.228	0	%100
11	M20	X	8.508	8.508	0	%100
12	M20	Z	-4.912	-4.912	0	%100



Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
 1:35 PM  
 Checked By: \_\_\_\_\_

**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, %]
13	M21	X	2.377	2.377	0 %100
14	M21	Z	-1.372	-1.372	0 %100
15	M22	X	1.968	1.968	0 %100
16	M22	Z	-1.136	-1.136	0 %100
17	M28	X	4.854	4.854	0 %100
18	M28	Z	-2.803	-2.803	0 %100
19	M29	X	19.417	19.417	0 %100
20	M29	Z	-11.21	-11.21	0 %100
21	M27A	X	2.127	2.127	0 %100
22	M27A	Z	-1.228	-1.228	0 %100
23	M28A	X	8.508	8.508	0 %100
24	M28A	Z	-4.912	-4.912	0 %100
25	M29A	X	2.377	2.377	0 %100
26	M29A	Z	-1.372	-1.372	0 %100
27	M44	X	9.421	9.421	0 %100
28	M44	Z	-5.439	-5.439	0 %100
29	M47	X	35.882	35.882	0 %100
30	M47	Z	-20.716	-20.716	0 %100
31	M48	X	35.882	35.882	0 %100
32	M48	Z	-20.716	-20.716	0 %100
33	M51	X	2.654	2.654	0 %100
34	M51	Z	-1.533	-1.533	0 %100
35	M52	X	0	0	0 %100
36	M52	Z	0	0	0 %100
37	M55	X	0	0	0 %100
38	M55	Z	0	0	0 %100
39	M56	X	0	0	0 %100
40	M56	Z	0	0	0 %100
41	M69	X	7.874	7.874	0 %100
42	M69	Z	-4.546	-4.546	0 %100
43	M70	X	2.127	2.127	0 %100
44	M70	Z	-1.228	-1.228	0 %100
45	M71	X	2.127	2.127	0 %100
46	M71	Z	-1.228	-1.228	0 %100
47	M72	X	9.508	9.508	0 %100
48	M72	Z	-5.49	-5.49	0 %100
49	M73	X	7.874	7.874	0 %100
50	M73	Z	-4.546	-4.546	0 %100
51	M76	X	4.854	4.854	0 %100
52	M76	Z	-2.803	-2.803	0 %100
53	M77	X	4.854	4.854	0 %100
54	M77	Z	-2.803	-2.803	0 %100
55	M78	X	2.127	2.127	0 %100
56	M78	Z	-1.228	-1.228	0 %100
57	M79	X	2.127	2.127	0 %100
58	M79	Z	-1.228	-1.228	0 %100
59	M80	X	9.508	9.508	0 %100
60	M80	Z	-5.49	-5.49	0 %100
61	M95	X	2.953	2.953	0 %100
62	M95	Z	-1.705	-1.705	0 %100
63	M98	X	28.825	28.825	0 %100
64	M98	Z	-16.642	-16.642	0 %100
65	M99	X	28.825	28.825	0 %100
66	M99	Z	-16.642	-16.642	0 %100
67	M102	X	10.618	10.618	0 %100
68	M102	Z	-6.13	-6.13	0 %100
69	M103	X	6.582	6.582	0 %100



Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
 1:35 PM  
 Checked By: \_\_\_\_\_

**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, %]
70	M103	Z	-3.8	-3.8	0 %100
71	M106	X	13.661	13.661	0 %100
72	M106	Z	-7.887	-7.887	0 %100
73	M107	X	13.661	13.661	0 %100
74	M107	Z	-7.887	-7.887	0 %100
75	M120	X	1.968	1.968	0 %100
76	M120	Z	-1.136	-1.136	0 %100
77	M121	X	8.508	8.508	0 %100
78	M121	Z	-4.912	-4.912	0 %100
79	M122	X	2.127	2.127	0 %100
80	M122	Z	-1.228	-1.228	0 %100
81	M123	X	2.377	2.377	0 %100
82	M123	Z	-1.372	-1.372	0 %100
83	M124	X	1.968	1.968	0 %100
84	M124	Z	-1.136	-1.136	0 %100
85	M127	X	19.417	19.417	0 %100
86	M127	Z	-11.21	-11.21	0 %100
87	M128	X	4.854	4.854	0 %100
88	M128	Z	-2.803	-2.803	0 %100
89	M129	X	8.508	8.508	0 %100
90	M129	Z	-4.912	-4.912	0 %100
91	M130	X	2.127	2.127	0 %100
92	M130	Z	-1.228	-1.228	0 %100
93	M131	X	2.377	2.377	0 %100
94	M131	Z	-1.372	-1.372	0 %100
95	M146	X	22.357	22.357	0 %100
96	M146	Z	-12.908	-12.908	0 %100
97	M149	X	9.421	9.421	0 %100
98	M149	Z	-5.439	-5.439	0 %100
99	M150	X	9.421	9.421	0 %100
100	M150	Z	-5.439	-5.439	0 %100
101	M153	X	2.654	2.654	0 %100
102	M153	Z	-1.533	-1.533	0 %100
103	M148A	X	5.561	5.561	0 %100
104	M148A	Z	-3.211	-3.211	0 %100
105	M149A	X	22.244	22.244	0 %100
106	M149A	Z	-12.843	-12.843	0 %100
107	M150A	X	5.561	5.561	0 %100
108	M150A	Z	-3.211	-3.211	0 %100
109	M151A	X	2.139	2.139	0 %100
110	M151A	Z	-1.235	-1.235	0 %100
111	M152A	X	13.512	13.512	0 %100
112	M152A	Z	-7.801	-7.801	0 %100
113	M154	X	8.558	8.558	0 %100
114	M154	Z	-4.941	-4.941	0 %100
115	M157	X	2.139	2.139	0 %100
116	M157	Z	-1.235	-1.235	0 %100
117	M166	X	4.504	4.504	0 %100
118	M166	Z	-2.6	-2.6	0 %100
119	M162A	X	13.512	13.512	0 %100
120	M162A	Z	-7.801	-7.801	0 %100
121	M163A	X	4.504	4.504	0 %100
122	M163A	Z	-2.6	-2.6	0 %100
123	M164A	X	0	0	0 %100
124	M164A	Z	0	0	0 %100
125	M165A	X	18.016	18.016	0 %100
126	M165A	Z	-10.401	-10.401	0 %100



Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
 1:35 PM  
 Checked By: \_\_\_\_\_

**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, %]	
127	M166A	X	0	0	0	%100
128	M166A	Z	0	0	0	%100
129	M167	X	18.016	18.016	0	%100
130	M167	Z	-10.401	-10.401	0	%100
131	M168	X	13.512	13.512	0	%100
132	M168	Z	-7.801	-7.801	0	%100
133	M169	X	4.504	4.504	0	%100
134	M169	Z	-2.6	-2.6	0	%100
135	M170	X	13.512	13.512	0	%100
136	M170	Z	-7.801	-7.801	0	%100
137	M171	X	4.504	4.504	0	%100
138	M171	Z	-2.6	-2.6	0	%100
139	M172	X	1.983	1.983	0	%100
140	M172	Z	-1.145	-1.145	0	%100
141	M173	X	7.932	7.932	0	%100
142	M173	Z	-4.58	-4.58	0	%100
143	M174	X	1.983	1.983	0	%100
144	M174	Z	-1.145	-1.145	0	%100
145	M175	X	2.139	2.139	0	%100
146	M175	Z	-1.235	-1.235	0	%100
147	M176	X	8.558	8.558	0	%100
148	M176	Z	-4.941	-4.941	0	%100
149	M177	X	2.139	2.139	0	%100
150	M177	Z	-1.235	-1.235	0	%100
151	MP5A	X	8.558	8.558	0	%100
152	MP5A	Z	-4.941	-4.941	0	%100
153	MP1A	X	8.558	8.558	0	%100
154	MP1A	Z	-4.941	-4.941	0	%100
155	MP2A	X	8.558	8.558	0	%100
156	MP2A	Z	-4.941	-4.941	0	%100
157	MP3A	X	8.558	8.558	0	%100
158	MP3A	Z	-4.941	-4.941	0	%100
159	MP4A	X	8.558	8.558	0	%100
160	MP4A	Z	-4.941	-4.941	0	%100
161	MP5C	X	8.558	8.558	0	%100
162	MP5C	Z	-4.941	-4.941	0	%100
163	MP1C	X	8.558	8.558	0	%100
164	MP1C	Z	-4.941	-4.941	0	%100
165	MP3C	X	8.558	8.558	0	%100
166	MP3C	Z	-4.941	-4.941	0	%100
167	MP5B	X	8.558	8.558	0	%100
168	MP5B	Z	-4.941	-4.941	0	%100
169	MP1B	X	8.558	8.558	0	%100
170	MP1B	Z	-4.941	-4.941	0	%100
171	MP3B	X	8.558	8.558	0	%100
172	MP3B	Z	-4.941	-4.941	0	%100
173	M211	X	2.139	2.139	0	%100
174	M211	Z	-1.235	-1.235	0	%100
175	M215	X	8.558	8.558	0	%100
176	M215	Z	-4.941	-4.941	0	%100
177	M219	X	2.139	2.139	0	%100
178	M219	Z	-1.235	-1.235	0	%100
179	M222	X	5.405	5.405	0	%100
180	M222	Z	-3.12	-3.12	0	%100
181	M223	X	5.405	5.405	0	%100
182	M223	Z	-3.12	-3.12	0	%100
183	M226	X	21.619	21.619	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%,]	End Location[ft.%,]
184	M226	Z	-12.482	-12.482	0	%100
185	M227	X	21.619	21.619	0	%100
186	M227	Z	-12.482	-12.482	0	%100
187	M230	X	5.405	5.405	0	%100
188	M230	Z	-3.12	-3.12	0	%100
189	M231	X	5.405	5.405	0	%100
190	M231	Z	-3.12	-3.12	0	%100
191	M238	X	10.224	10.224	0	%100
192	M238	Z	-5.903	-5.903	0	%100
193	M239	X	2.556	2.556	0	%100
194	M239	Z	-1.476	-1.476	0	%100
195	M240	X	2.556	2.556	0	%100
196	M240	Z	-1.476	-1.476	0	%100
197	OVP	X	8.558	8.558	0	%100
198	OVP	Z	-4.941	-4.941	0	%100
199	MP2C	X	8.558	8.558	0	%100
200	MP2C	Z	-4.941	-4.941	0	%100
201	MP4C	X	8.558	8.558	0	%100
202	MP4C	Z	-4.941	-4.941	0	%100
203	MP2B	X	8.558	8.558	0	%100
204	MP2B	Z	-4.941	-4.941	0	%100
205	MP4B	X	8.558	8.558	0	%100
206	MP4B	Z	-4.941	-4.941	0	%100
207	M243A	X	.59	.59	0	%100
208	M243A	Z	-.341	-.341	0	%100
209	M244A	X	12.312	12.312	0	%100
210	M244A	Z	-7.108	-7.108	0	%100
211	M245A	X	7.51	7.51	0	%100
212	M245A	Z	-4.336	-4.336	0	%100
213	M246A	X	7.51	7.51	0	%100
214	M246A	Z	-4.336	-4.336	0	%100
215	M247A	X	12.312	12.312	0	%100
216	M247A	Z	-7.108	-7.108	0	%100
217	M248A	X	.59	.59	0	%100
218	M248A	Z	-.341	-.341	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	10.134	10.134	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	21.033	21.033	0	%100
4	M4	Z	0	0	0	%100
5	M5	X	21.033	21.033	0	%100
6	M5	Z	0	0	0	%100
7	M18	X	0	0	0	%100
8	M18	Z	0	0	0	%100
9	M19	X	7.368	7.368	0	%100
10	M19	Z	0	0	0	%100
11	M20	X	7.368	7.368	0	%100
12	M20	Z	0	0	0	%100
13	M21	X	0	0	0	%100
14	M21	Z	0	0	0	%100
15	M22	X	0	0	0	%100
16	M22	Z	0	0	0	%100
17	M28	X	16.816	16.816	0	%100
18	M28	Z	0	0	0	%100



Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
 1:35 PM  
 Checked By: \_\_\_\_\_

**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.%,]
19	M29	X	16.816	16.816	0	%100
20	M29	Z	0	0	0	%100
21	M27A	X	7.368	7.368	0	%100
22	M27A	Z	0	0	0	%100
23	M28A	X	7.368	7.368	0	%100
24	M28A	Z	0	0	0	%100
25	M29A	X	0	0	0	%100
26	M29A	Z	0	0	0	%100
27	M44	X	3.409	3.409	0	%100
28	M44	Z	0	0	0	%100
29	M47	X	54.55	54.55	0	%100
30	M47	Z	0	0	0	%100
31	M48	X	54.55	54.55	0	%100
32	M48	Z	0	0	0	%100
33	M51	X	0	0	0	%100
34	M51	Z	0	0	0	%100
35	M52	X	2.533	2.533	0	%100
36	M52	Z	0	0	0	%100
37	M55	X	5.258	5.258	0	%100
38	M55	Z	0	0	0	%100
39	M56	X	5.258	5.258	0	%100
40	M56	Z	0	0	0	%100
41	M69	X	6.819	6.819	0	%100
42	M69	Z	0	0	0	%100
43	M70	X	0	0	0	%100
44	M70	Z	0	0	0	%100
45	M71	X	7.368	7.368	0	%100
46	M71	Z	0	0	0	%100
47	M72	X	8.235	8.235	0	%100
48	M72	Z	0	0	0	%100
49	M73	X	6.819	6.819	0	%100
50	M73	Z	0	0	0	%100
51	M76	X	0	0	0	%100
52	M76	Z	0	0	0	%100
53	M77	X	16.816	16.816	0	%100
54	M77	Z	0	0	0	%100
55	M78	X	0	0	0	%100
56	M78	Z	0	0	0	%100
57	M79	X	7.368	7.368	0	%100
58	M79	Z	0	0	0	%100
59	M80	X	8.235	8.235	0	%100
60	M80	Z	0	0	0	%100
61	M95	X	10.878	10.878	0	%100
62	M95	Z	0	0	0	%100
63	M98	X	25.816	25.816	0	%100
64	M98	Z	0	0	0	%100
65	M99	X	25.816	25.816	0	%100
66	M99	Z	0	0	0	%100
67	M102	X	9.195	9.195	0	%100
68	M102	Z	0	0	0	%100
69	M103	X	2.533	2.533	0	%100
70	M103	Z	0	0	0	%100
71	M106	X	5.258	5.258	0	%100
72	M106	Z	0	0	0	%100
73	M107	X	5.258	5.258	0	%100
74	M107	Z	0	0	0	%100
75	M120	X	6.819	6.819	0	%100





Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
 1:35 PM  
 Checked By: \_\_\_\_\_

**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.%]	
76	M120	Z	0	0	0	%100
77	M121	X	7.368	7.368	0	%100
78	M121	Z	0	0	0	%100
79	M122	X	0	0	0	%100
80	M122	Z	0	0	0	%100
81	M123	X	8.235	8.235	0	%100
82	M123	Z	0	0	0	%100
83	M124	X	6.819	6.819	0	%100
84	M124	Z	0	0	0	%100
85	M127	X	16.816	16.816	0	%100
86	M127	Z	0	0	0	%100
87	M128	X	0	0	0	%100
88	M128	Z	0	0	0	%100
89	M129	X	7.368	7.368	0	%100
90	M129	Z	0	0	0	%100
91	M130	X	0	0	0	%100
92	M130	Z	0	0	0	%100
93	M131	X	8.235	8.235	0	%100
94	M131	Z	0	0	0	%100
95	M146	X	10.878	10.878	0	%100
96	M146	Z	0	0	0	%100
97	M149	X	25.816	25.816	0	%100
98	M149	Z	0	0	0	%100
99	M150	X	25.816	25.816	0	%100
100	M150	Z	0	0	0	%100
101	M153	X	9.195	9.195	0	%100
102	M153	Z	0	0	0	%100
103	M148A	X	0	0	0	%100
104	M148A	Z	0	0	0	%100
105	M149A	X	19.264	19.264	0	%100
106	M149A	Z	0	0	0	%100
107	M150A	X	19.264	19.264	0	%100
108	M150A	Z	0	0	0	%100
109	M151A	X	0	0	0	%100
110	M151A	Z	0	0	0	%100
111	M152A	X	20.803	20.803	0	%100
112	M152A	Z	0	0	0	%100
113	M154	X	7.411	7.411	0	%100
114	M154	Z	0	0	0	%100
115	M157	X	7.411	7.411	0	%100
116	M157	Z	0	0	0	%100
117	M166	X	0	0	0	%100
118	M166	Z	0	0	0	%100
119	M162A	X	20.803	20.803	0	%100
120	M162A	Z	0	0	0	%100
121	M163A	X	0	0	0	%100
122	M163A	Z	0	0	0	%100
123	M164A	X	5.201	5.201	0	%100
124	M164A	Z	0	0	0	%100
125	M165A	X	15.602	15.602	0	%100
126	M165A	Z	0	0	0	%100
127	M166A	X	5.201	5.201	0	%100
128	M166A	Z	0	0	0	%100
129	M167	X	15.602	15.602	0	%100
130	M167	Z	0	0	0	%100
131	M168	X	5.201	5.201	0	%100
132	M168	Z	0	0	0	%100

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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
133	M169	X	15.602	15.602	0 %100
134	M169	Z	0	0	0 %100
135	M170	X	5.201	5.201	0 %100
136	M170	Z	0	0	0 %100
137	M171	X	15.602	15.602	0 %100
138	M171	Z	0	0	0 %100
139	M172	X	0	0	0 %100
140	M172	Z	0	0	0 %100
141	M173	X	6.869	6.869	0 %100
142	M173	Z	0	0	0 %100
143	M174	X	6.869	6.869	0 %100
144	M174	Z	0	0	0 %100
145	M175	X	0	0	0 %100
146	M175	Z	0	0	0 %100
147	M176	X	7.411	7.411	0 %100
148	M176	Z	0	0	0 %100
149	M177	X	7.411	7.411	0 %100
150	M177	Z	0	0	0 %100
151	MP5A	X	9.881	9.881	0 %100
152	MP5A	Z	0	0	0 %100
153	MP1A	X	9.881	9.881	0 %100
154	MP1A	Z	0	0	0 %100
155	MP2A	X	9.881	9.881	0 %100
156	MP2A	Z	0	0	0 %100
157	MP3A	X	9.881	9.881	0 %100
158	MP3A	Z	0	0	0 %100
159	MP4A	X	9.881	9.881	0 %100
160	MP4A	Z	0	0	0 %100
161	MP5C	X	9.881	9.881	0 %100
162	MP5C	Z	0	0	0 %100
163	MP1C	X	9.881	9.881	0 %100
164	MP1C	Z	0	0	0 %100
165	MP3C	X	9.881	9.881	0 %100
166	MP3C	Z	0	0	0 %100
167	MP5B	X	9.881	9.881	0 %100
168	MP5B	Z	0	0	0 %100
169	MP1B	X	9.881	9.881	0 %100
170	MP1B	Z	0	0	0 %100
171	MP3B	X	9.881	9.881	0 %100
172	MP3B	Z	0	0	0 %100
173	M211	X	0	0	0 %100
174	M211	Z	0	0	0 %100
175	M215	X	7.411	7.411	0 %100
176	M215	Z	0	0	0 %100
177	M219	X	7.411	7.411	0 %100
178	M219	Z	0	0	0 %100
179	M222	X	0	0	0 %100
180	M222	Z	0	0	0 %100
181	M223	X	0	0	0 %100
182	M223	Z	0	0	0 %100
183	M226	X	18.723	18.723	0 %100
184	M226	Z	0	0	0 %100
185	M227	X	18.723	18.723	0 %100
186	M227	Z	0	0	0 %100
187	M230	X	18.723	18.723	0 %100
188	M230	Z	0	0	0 %100
189	M231	X	18.723	18.723	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.%,]
190	M231	Z	0	0	0	%100
191	M238	X	8.854	8.854	0	%100
192	M238	Z	0	0	0	%100
193	M239	X	8.854	8.854	0	%100
194	M239	Z	0	0	0	%100
195	M240	X	0	0	0	%100
196	M240	Z	0	0	0	%100
197	OVP	X	9.881	9.881	0	%100
198	OVP	Z	0	0	0	%100
199	MP2C	X	9.881	9.881	0	%100
200	MP2C	Z	0	0	0	%100
201	MP4C	X	9.881	9.881	0	%100
202	MP4C	Z	0	0	0	%100
203	MP2B	X	9.881	9.881	0	%100
204	MP2B	Z	0	0	0	%100
205	MP4B	X	9.881	9.881	0	%100
206	MP4B	Z	0	0	0	%100
207	M243A	X	7.041	7.041	0	%100
208	M243A	Z	0	0	0	%100
209	M244A	X	7.041	7.041	0	%100
210	M244A	Z	0	0	0	%100
211	M245A	X	1.497	1.497	0	%100
212	M245A	Z	0	0	0	%100
213	M246A	X	15.031	15.031	0	%100
214	M246A	Z	0	0	0	%100
215	M247A	X	15.031	15.031	0	%100
216	M247A	Z	0	0	0	%100
217	M248A	X	1.497	1.497	0	%100
218	M248A	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	6.582	6.582	0	%100
2	M1	Z	3.8	3.8	0	%100
3	M4	X	13.661	13.661	0	%100
4	M4	Z	7.887	7.887	0	%100
5	M5	X	13.661	13.661	0	%100
6	M5	Z	7.887	7.887	0	%100
7	M18	X	1.968	1.968	0	%100
8	M18	Z	1.136	1.136	0	%100
9	M19	X	8.508	8.508	0	%100
10	M19	Z	4.912	4.912	0	%100
11	M20	X	2.127	2.127	0	%100
12	M20	Z	1.228	1.228	0	%100
13	M21	X	2.377	2.377	0	%100
14	M21	Z	1.372	1.372	0	%100
15	M22	X	1.968	1.968	0	%100
16	M22	Z	1.136	1.136	0	%100
17	M28	X	19.417	19.417	0	%100
18	M28	Z	11.21	11.21	0	%100
19	M29	X	4.854	4.854	0	%100
20	M29	Z	2.803	2.803	0	%100
21	M27A	X	8.508	8.508	0	%100
22	M27A	Z	4.912	4.912	0	%100
23	M28A	X	2.127	2.127	0	%100
24	M28A	Z	1.228	1.228	0	%100



Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
 1:35 PM  
 Checked By: \_\_\_\_\_

**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, %]
25	M29A	X	2.377	2.377	0 %100
26	M29A	Z	1.372	1.372	0 %100
27	M44	X	9.421	9.421	0 %100
28	M44	Z	5.439	5.439	0 %100
29	M47	X	35.882	35.882	0 %100
30	M47	Z	20.716	20.716	0 %100
31	M48	X	35.882	35.882	0 %100
32	M48	Z	20.716	20.716	0 %100
33	M51	X	2.654	2.654	0 %100
34	M51	Z	1.533	1.533	0 %100
35	M52	X	6.582	6.582	0 %100
36	M52	Z	3.8	3.8	0 %100
37	M55	X	13.661	13.661	0 %100
38	M55	Z	7.887	7.887	0 %100
39	M56	X	13.661	13.661	0 %100
40	M56	Z	7.887	7.887	0 %100
41	M69	X	1.968	1.968	0 %100
42	M69	Z	1.136	1.136	0 %100
43	M70	X	2.127	2.127	0 %100
44	M70	Z	1.228	1.228	0 %100
45	M71	X	8.508	8.508	0 %100
46	M71	Z	4.912	4.912	0 %100
47	M72	X	2.377	2.377	0 %100
48	M72	Z	1.372	1.372	0 %100
49	M73	X	1.968	1.968	0 %100
50	M73	Z	1.136	1.136	0 %100
51	M76	X	4.854	4.854	0 %100
52	M76	Z	2.803	2.803	0 %100
53	M77	X	19.417	19.417	0 %100
54	M77	Z	11.21	11.21	0 %100
55	M78	X	2.127	2.127	0 %100
56	M78	Z	1.228	1.228	0 %100
57	M79	X	8.508	8.508	0 %100
58	M79	Z	4.912	4.912	0 %100
59	M80	X	2.377	2.377	0 %100
60	M80	Z	1.372	1.372	0 %100
61	M95	X	22.357	22.357	0 %100
62	M95	Z	12.908	12.908	0 %100
63	M98	X	9.421	9.421	0 %100
64	M98	Z	5.439	5.439	0 %100
65	M99	X	9.421	9.421	0 %100
66	M99	Z	5.439	5.439	0 %100
67	M102	X	2.654	2.654	0 %100
68	M102	Z	1.533	1.533	0 %100
69	M103	X	0	0	0 %100
70	M103	Z	0	0	0 %100
71	M106	X	0	0	0 %100
72	M106	Z	0	0	0 %100
73	M107	X	0	0	0 %100
74	M107	Z	0	0	0 %100
75	M120	X	7.874	7.874	0 %100
76	M120	Z	4.546	4.546	0 %100
77	M121	X	2.127	2.127	0 %100
78	M121	Z	1.228	1.228	0 %100
79	M122	X	2.127	2.127	0 %100
80	M122	Z	1.228	1.228	0 %100
81	M123	X	9.508	9.508	0 %100



Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
 1:35 PM  
 Checked By: \_\_\_\_\_

**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, %]
82	M123	Z	5.49	5.49	0	%100
83	M124	X	7.874	7.874	0	%100
84	M124	Z	4.546	4.546	0	%100
85	M127	X	4.854	4.854	0	%100
86	M127	Z	2.803	2.803	0	%100
87	M128	X	4.854	4.854	0	%100
88	M128	Z	2.803	2.803	0	%100
89	M129	X	2.127	2.127	0	%100
90	M129	Z	1.228	1.228	0	%100
91	M130	X	2.127	2.127	0	%100
92	M130	Z	1.228	1.228	0	%100
93	M131	X	9.508	9.508	0	%100
94	M131	Z	5.49	5.49	0	%100
95	M146	X	2.953	2.953	0	%100
96	M146	Z	1.705	1.705	0	%100
97	M149	X	28.825	28.825	0	%100
98	M149	Z	16.642	16.642	0	%100
99	M150	X	28.825	28.825	0	%100
100	M150	Z	16.642	16.642	0	%100
101	M153	X	10.618	10.618	0	%100
102	M153	Z	6.13	6.13	0	%100
103	M148A	X	5.561	5.561	0	%100
104	M148A	Z	3.211	3.211	0	%100
105	M149A	X	5.561	5.561	0	%100
106	M149A	Z	3.211	3.211	0	%100
107	M150A	X	22.244	22.244	0	%100
108	M150A	Z	12.843	12.843	0	%100
109	M151A	X	2.139	2.139	0	%100
110	M151A	Z	1.235	1.235	0	%100
111	M152A	X	13.512	13.512	0	%100
112	M152A	Z	7.801	7.801	0	%100
113	M154	X	2.139	2.139	0	%100
114	M154	Z	1.235	1.235	0	%100
115	M157	X	8.558	8.558	0	%100
116	M157	Z	4.941	4.941	0	%100
117	M166	X	4.504	4.504	0	%100
118	M166	Z	2.6	2.6	0	%100
119	M162A	X	13.512	13.512	0	%100
120	M162A	Z	7.801	7.801	0	%100
121	M163A	X	4.504	4.504	0	%100
122	M163A	Z	2.6	2.6	0	%100
123	M164A	X	13.512	13.512	0	%100
124	M164A	Z	7.801	7.801	0	%100
125	M165A	X	4.504	4.504	0	%100
126	M165A	Z	2.6	2.6	0	%100
127	M166A	X	13.512	13.512	0	%100
128	M166A	Z	7.801	7.801	0	%100
129	M167	X	4.504	4.504	0	%100
130	M167	Z	2.6	2.6	0	%100
131	M168	X	0	0	0	%100
132	M168	Z	0	0	0	%100
133	M169	X	18.016	18.016	0	%100
134	M169	Z	10.401	10.401	0	%100
135	M170	X	0	0	0	%100
136	M170	Z	0	0	0	%100
137	M171	X	18.016	18.016	0	%100
138	M171	Z	10.401	10.401	0	%100



Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
 1:35 PM  
 Checked By: \_\_\_\_\_

**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, %]
139	M172	X	1.983	1.983	0 %100
140	M172	Z	1.145	1.145	0 %100
141	M173	X	1.983	1.983	0 %100
142	M173	Z	1.145	1.145	0 %100
143	M174	X	7.932	7.932	0 %100
144	M174	Z	4.58	4.58	0 %100
145	M175	X	2.139	2.139	0 %100
146	M175	Z	1.235	1.235	0 %100
147	M176	X	2.139	2.139	0 %100
148	M176	Z	1.235	1.235	0 %100
149	M177	X	8.558	8.558	0 %100
150	M177	Z	4.941	4.941	0 %100
151	MP5A	X	8.558	8.558	0 %100
152	MP5A	Z	4.941	4.941	0 %100
153	MP1A	X	8.558	8.558	0 %100
154	MP1A	Z	4.941	4.941	0 %100
155	MP2A	X	8.558	8.558	0 %100
156	MP2A	Z	4.941	4.941	0 %100
157	MP3A	X	8.558	8.558	0 %100
158	MP3A	Z	4.941	4.941	0 %100
159	MP4A	X	8.558	8.558	0 %100
160	MP4A	Z	4.941	4.941	0 %100
161	MP5C	X	8.558	8.558	0 %100
162	MP5C	Z	4.941	4.941	0 %100
163	MP1C	X	8.558	8.558	0 %100
164	MP1C	Z	4.941	4.941	0 %100
165	MP3C	X	8.558	8.558	0 %100
166	MP3C	Z	4.941	4.941	0 %100
167	MP5B	X	8.558	8.558	0 %100
168	MP5B	Z	4.941	4.941	0 %100
169	MP1B	X	8.558	8.558	0 %100
170	MP1B	Z	4.941	4.941	0 %100
171	MP3B	X	8.558	8.558	0 %100
172	MP3B	Z	4.941	4.941	0 %100
173	M211	X	2.139	2.139	0 %100
174	M211	Z	1.235	1.235	0 %100
175	M215	X	2.139	2.139	0 %100
176	M215	Z	1.235	1.235	0 %100
177	M219	X	8.558	8.558	0 %100
178	M219	Z	4.941	4.941	0 %100
179	M222	X	5.405	5.405	0 %100
180	M222	Z	3.12	3.12	0 %100
181	M223	X	5.405	5.405	0 %100
182	M223	Z	3.12	3.12	0 %100
183	M226	X	5.405	5.405	0 %100
184	M226	Z	3.12	3.12	0 %100
185	M227	X	5.405	5.405	0 %100
186	M227	Z	3.12	3.12	0 %100
187	M230	X	21.619	21.619	0 %100
188	M230	Z	12.482	12.482	0 %100
189	M231	X	21.619	21.619	0 %100
190	M231	Z	12.482	12.482	0 %100
191	M238	X	2.556	2.556	0 %100
192	M238	Z	1.476	1.476	0 %100
193	M239	X	10.224	10.224	0 %100
194	M239	Z	5.903	5.903	0 %100
195	M240	X	2.556	2.556	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.%,]
196	M240	Z	1.476	1.476	0	%100
197	OVP	X	8.558	8.558	0	%100
198	OVP	Z	4.941	4.941	0	%100
199	MP2C	X	8.558	8.558	0	%100
200	MP2C	Z	4.941	4.941	0	%100
201	MP4C	X	8.558	8.558	0	%100
202	MP4C	Z	4.941	4.941	0	%100
203	MP2B	X	8.558	8.558	0	%100
204	MP2B	Z	4.941	4.941	0	%100
205	MP4B	X	8.558	8.558	0	%100
206	MP4B	Z	4.941	4.941	0	%100
207	M243A	X	12.312	12.312	0	%100
208	M243A	Z	7.108	7.108	0	%100
209	M244A	X	.59	.59	0	%100
210	M244A	Z	.341	.341	0	%100
211	M245A	X	.59	.59	0	%100
212	M245A	Z	.341	.341	0	%100
213	M246A	X	12.312	12.312	0	%100
214	M246A	Z	7.108	7.108	0	%100
215	M247A	X	7.51	7.51	0	%100
216	M247A	Z	4.336	4.336	0	%100
217	M248A	X	7.51	7.51	0	%100
218	M248A	Z	4.336	4.336	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	1.267	1.267	0	%100
2	M1	Z	2.194	2.194	0	%100
3	M4	X	2.629	2.629	0	%100
4	M4	Z	4.554	4.554	0	%100
5	M5	X	2.629	2.629	0	%100
6	M5	Z	4.554	4.554	0	%100
7	M18	X	3.409	3.409	0	%100
8	M18	Z	5.905	5.905	0	%100
9	M19	X	3.684	3.684	0	%100
10	M19	Z	6.381	6.381	0	%100
11	M20	X	0	0	0	%100
12	M20	Z	0	0	0	%100
13	M21	X	4.117	4.117	0	%100
14	M21	Z	7.131	7.131	0	%100
15	M22	X	3.409	3.409	0	%100
16	M22	Z	5.905	5.905	0	%100
17	M28	X	8.408	8.408	0	%100
18	M28	Z	14.563	14.563	0	%100
19	M29	X	0	0	0	%100
20	M29	Z	0	0	0	%100
21	M27A	X	3.684	3.684	0	%100
22	M27A	Z	6.381	6.381	0	%100
23	M28A	X	0	0	0	%100
24	M28A	Z	0	0	0	%100
25	M29A	X	4.117	4.117	0	%100
26	M29A	Z	7.131	7.131	0	%100
27	M44	X	12.908	12.908	0	%100
28	M44	Z	22.357	22.357	0	%100
29	M47	X	7.599	7.599	0	%100
30	M47	Z	13.162	13.162	0	%100



Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
 1:35 PM  
 Checked By: \_\_\_\_\_

**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.%,]
31	M48	X	7.599	7.599	0 %100
32	M48	Z	13.162	13.162	0 %100
33	M51	X	4.598	4.598	0 %100
34	M51	Z	7.963	7.963	0 %100
35	M52	X	5.067	5.067	0 %100
36	M52	Z	8.776	8.776	0 %100
37	M55	X	10.517	10.517	0 %100
38	M55	Z	18.215	18.215	0 %100
39	M56	X	10.517	10.517	0 %100
40	M56	Z	18.215	18.215	0 %100
41	M69	X	0	0	0 %100
42	M69	Z	0	0	0 %100
43	M70	X	3.684	3.684	0 %100
44	M70	Z	6.381	6.381	0 %100
45	M71	X	3.684	3.684	0 %100
46	M71	Z	6.381	6.381	0 %100
47	M72	X	0	0	0 %100
48	M72	Z	0	0	0 %100
49	M73	X	0	0	0 %100
50	M73	Z	0	0	0 %100
51	M76	X	8.408	8.408	0 %100
52	M76	Z	14.563	14.563	0 %100
53	M77	X	8.408	8.408	0 %100
54	M77	Z	14.563	14.563	0 %100
55	M78	X	3.684	3.684	0 %100
56	M78	Z	6.381	6.381	0 %100
57	M79	X	3.684	3.684	0 %100
58	M79	Z	6.381	6.381	0 %100
59	M80	X	0	0	0 %100
60	M80	Z	0	0	0 %100
61	M95	X	16.642	16.642	0 %100
62	M95	Z	28.825	28.825	0 %100
63	M98	X	1.705	1.705	0 %100
64	M98	Z	2.953	2.953	0 %100
65	M99	X	1.705	1.705	0 %100
66	M99	Z	2.953	2.953	0 %100
67	M102	X	0	0	0 %100
68	M102	Z	0	0	0 %100
69	M103	X	1.267	1.267	0 %100
70	M103	Z	2.194	2.194	0 %100
71	M106	X	2.629	2.629	0 %100
72	M106	Z	4.554	4.554	0 %100
73	M107	X	2.629	2.629	0 %100
74	M107	Z	4.554	4.554	0 %100
75	M120	X	3.409	3.409	0 %100
76	M120	Z	5.905	5.905	0 %100
77	M121	X	0	0	0 %100
78	M121	Z	0	0	0 %100
79	M122	X	3.684	3.684	0 %100
80	M122	Z	6.381	6.381	0 %100
81	M123	X	4.117	4.117	0 %100
82	M123	Z	7.131	7.131	0 %100
83	M124	X	3.409	3.409	0 %100
84	M124	Z	5.905	5.905	0 %100
85	M127	X	0	0	0 %100
86	M127	Z	0	0	0 %100
87	M128	X	8.408	8.408	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.%,]
88	M128	Z	14.563	14.563	0 %100
89	M129	X	0	0	0 %100
90	M129	Z	0	0	0 %100
91	M130	X	3.684	3.684	0 %100
92	M130	Z	6.381	6.381	0 %100
93	M131	X	4.117	4.117	0 %100
94	M131	Z	7.131	7.131	0 %100
95	M146	X	5.439	5.439	0 %100
96	M146	Z	9.421	9.421	0 %100
97	M149	X	12.908	12.908	0 %100
98	M149	Z	22.357	22.357	0 %100
99	M150	X	12.908	12.908	0 %100
100	M150	Z	22.357	22.357	0 %100
101	M153	X	4.598	4.598	0 %100
102	M153	Z	7.963	7.963	0 %100
103	M148A	X	9.632	9.632	0 %100
104	M148A	Z	16.683	16.683	0 %100
105	M149A	X	0	0	0 %100
106	M149A	Z	0	0	0 %100
107	M150A	X	9.632	9.632	0 %100
108	M150A	Z	16.683	16.683	0 %100
109	M151A	X	3.706	3.706	0 %100
110	M151A	Z	6.418	6.418	0 %100
111	M152A	X	2.6	2.6	0 %100
112	M152A	Z	4.504	4.504	0 %100
113	M154	X	0	0	0 %100
114	M154	Z	0	0	0 %100
115	M157	X	3.706	3.706	0 %100
116	M157	Z	6.418	6.418	0 %100
117	M166	X	7.801	7.801	0 %100
118	M166	Z	13.512	13.512	0 %100
119	M162A	X	2.6	2.6	0 %100
120	M162A	Z	4.504	4.504	0 %100
121	M163A	X	7.801	7.801	0 %100
122	M163A	Z	13.512	13.512	0 %100
123	M164A	X	10.401	10.401	0 %100
124	M164A	Z	18.016	18.016	0 %100
125	M165A	X	0	0	0 %100
126	M165A	Z	0	0	0 %100
127	M166A	X	10.401	10.401	0 %100
128	M166A	Z	18.016	18.016	0 %100
129	M167	X	0	0	0 %100
130	M167	Z	0	0	0 %100
131	M168	X	2.6	2.6	0 %100
132	M168	Z	4.504	4.504	0 %100
133	M169	X	7.801	7.801	0 %100
134	M169	Z	13.512	13.512	0 %100
135	M170	X	2.6	2.6	0 %100
136	M170	Z	4.504	4.504	0 %100
137	M171	X	7.801	7.801	0 %100
138	M171	Z	13.512	13.512	0 %100
139	M172	X	3.435	3.435	0 %100
140	M172	Z	5.949	5.949	0 %100
141	M173	X	0	0	0 %100
142	M173	Z	0	0	0 %100
143	M174	X	3.435	3.435	0 %100
144	M174	Z	5.949	5.949	0 %100



Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
 1:35 PM  
 Checked By: \_\_\_\_\_

**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, %]
145	M175	X	3.706	3.706	0 %100
146	M175	Z	6.418	6.418	0 %100
147	M176	X	0	0	0 %100
148	M176	Z	0	0	0 %100
149	M177	X	3.706	3.706	0 %100
150	M177	Z	6.418	6.418	0 %100
151	MP5A	X	4.941	4.941	0 %100
152	MP5A	Z	8.558	8.558	0 %100
153	MP1A	X	4.941	4.941	0 %100
154	MP1A	Z	8.558	8.558	0 %100
155	MP2A	X	4.941	4.941	0 %100
156	MP2A	Z	8.558	8.558	0 %100
157	MP3A	X	4.941	4.941	0 %100
158	MP3A	Z	8.558	8.558	0 %100
159	MP4A	X	4.941	4.941	0 %100
160	MP4A	Z	8.558	8.558	0 %100
161	MP5C	X	4.941	4.941	0 %100
162	MP5C	Z	8.558	8.558	0 %100
163	MP1C	X	4.941	4.941	0 %100
164	MP1C	Z	8.558	8.558	0 %100
165	MP3C	X	4.941	4.941	0 %100
166	MP3C	Z	8.558	8.558	0 %100
167	MP5B	X	4.941	4.941	0 %100
168	MP5B	Z	8.558	8.558	0 %100
169	MP1B	X	4.941	4.941	0 %100
170	MP1B	Z	8.558	8.558	0 %100
171	MP3B	X	4.941	4.941	0 %100
172	MP3B	Z	8.558	8.558	0 %100
173	M211	X	3.706	3.706	0 %100
174	M211	Z	6.418	6.418	0 %100
175	M215	X	0	0	0 %100
176	M215	Z	0	0	0 %100
177	M219	X	3.706	3.706	0 %100
178	M219	Z	6.418	6.418	0 %100
179	M222	X	9.361	9.361	0 %100
180	M222	Z	16.214	16.214	0 %100
181	M223	X	9.361	9.361	0 %100
182	M223	Z	16.214	16.214	0 %100
183	M226	X	0	0	0 %100
184	M226	Z	0	0	0 %100
185	M227	X	0	0	0 %100
186	M227	Z	0	0	0 %100
187	M230	X	9.361	9.361	0 %100
188	M230	Z	16.214	16.214	0 %100
189	M231	X	9.361	9.361	0 %100
190	M231	Z	16.214	16.214	0 %100
191	M238	X	0	0	0 %100
192	M238	Z	0	0	0 %100
193	M239	X	4.427	4.427	0 %100
194	M239	Z	7.668	7.668	0 %100
195	M240	X	4.427	4.427	0 %100
196	M240	Z	7.668	7.668	0 %100
197	OVP	X	4.941	4.941	0 %100
198	OVP	Z	8.558	8.558	0 %100
199	MP2C	X	4.941	4.941	0 %100
200	MP2C	Z	8.558	8.558	0 %100
201	MP4C	X	4.941	4.941	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.%,]
202	MP4C	Z	8.558	8.558	0	%100
203	MP2B	X	4.941	4.941	0	%100
204	MP2B	Z	8.558	8.558	0	%100
205	MP4B	X	4.941	4.941	0	%100
206	MP4B	Z	8.558	8.558	0	%100
207	M243A	X	7.516	7.516	0	%100
208	M243A	Z	13.018	13.018	0	%100
209	M244A	X	.748	.748	0	%100
210	M244A	Z	1.296	1.296	0	%100
211	M245A	X	3.521	3.521	0	%100
212	M245A	Z	6.098	6.098	0	%100
213	M246A	X	3.521	3.521	0	%100
214	M246A	Z	6.098	6.098	0	%100
215	M247A	X	.748	.748	0	%100
216	M247A	Z	1.296	1.296	0	%100
217	M248A	X	7.516	7.516	0	%100
218	M248A	Z	13.018	13.018	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%,]	End Location[ft.%,]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M5	X	0	0	0	%100
6	M5	Z	0	0	0	%100
7	M18	X	0	0	0	%100
8	M18	Z	9.092	9.092	0	%100
9	M19	X	0	0	0	%100
10	M19	Z	2.456	2.456	0	%100
11	M20	X	0	0	0	%100
12	M20	Z	2.456	2.456	0	%100
13	M21	X	0	0	0	%100
14	M21	Z	10.979	10.979	0	%100
15	M22	X	0	0	0	%100
16	M22	Z	9.092	9.092	0	%100
17	M28	X	0	0	0	%100
18	M28	Z	5.605	5.605	0	%100
19	M29	X	0	0	0	%100
20	M29	Z	5.605	5.605	0	%100
21	M27A	X	0	0	0	%100
22	M27A	Z	2.456	2.456	0	%100
23	M28A	X	0	0	0	%100
24	M28A	Z	2.456	2.456	0	%100
25	M29A	X	0	0	0	%100
26	M29A	Z	10.979	10.979	0	%100
27	M44	X	0	0	0	%100
28	M44	Z	33.285	33.285	0	%100
29	M47	X	0	0	0	%100
30	M47	Z	2.08	2.08	0	%100
31	M48	X	0	0	0	%100
32	M48	Z	2.08	2.08	0	%100
33	M51	X	0	0	0	%100
34	M51	Z	12.26	12.26	0	%100
35	M52	X	0	0	0	%100
36	M52	Z	7.6	7.6	0	%100



Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
 1:35 PM  
 Checked By: \_\_\_\_\_

**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, %]
37	M55	X	0	0	%100
38	M55	Z	15.775	15.775	%100
39	M56	X	0	0	%100
40	M56	Z	15.775	15.775	%100
41	M69	X	0	0	%100
42	M69	Z	2.273	2.273	%100
43	M70	X	0	0	%100
44	M70	Z	9.824	9.824	%100
45	M71	X	0	0	%100
46	M71	Z	2.456	2.456	%100
47	M72	X	0	0	%100
48	M72	Z	2.745	2.745	%100
49	M73	X	0	0	%100
50	M73	Z	2.273	2.273	%100
51	M76	X	0	0	%100
52	M76	Z	22.421	22.421	%100
53	M77	X	0	0	%100
54	M77	Z	5.605	5.605	%100
55	M78	X	0	0	%100
56	M78	Z	9.824	9.824	%100
57	M79	X	0	0	%100
58	M79	Z	2.456	2.456	%100
59	M80	X	0	0	%100
60	M80	Z	2.745	2.745	%100
61	M95	X	0	0	%100
62	M95	Z	25.816	25.816	%100
63	M98	X	0	0	%100
64	M98	Z	10.878	10.878	%100
65	M99	X	0	0	%100
66	M99	Z	10.878	10.878	%100
67	M102	X	0	0	%100
68	M102	Z	3.065	3.065	%100
69	M103	X	0	0	%100
70	M103	Z	7.6	7.6	%100
71	M106	X	0	0	%100
72	M106	Z	15.775	15.775	%100
73	M107	X	0	0	%100
74	M107	Z	15.775	15.775	%100
75	M120	X	0	0	%100
76	M120	Z	2.273	2.273	%100
77	M121	X	0	0	%100
78	M121	Z	2.456	2.456	%100
79	M122	X	0	0	%100
80	M122	Z	9.824	9.824	%100
81	M123	X	0	0	%100
82	M123	Z	2.745	2.745	%100
83	M124	X	0	0	%100
84	M124	Z	2.273	2.273	%100
85	M127	X	0	0	%100
86	M127	Z	5.605	5.605	%100
87	M128	X	0	0	%100
88	M128	Z	22.421	22.421	%100
89	M129	X	0	0	%100
90	M129	Z	2.456	2.456	%100
91	M130	X	0	0	%100
92	M130	Z	9.824	9.824	%100
93	M131	X	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
94	M131	Z	2.745	2.745	0	%100
95	M146	X	0	0	0	%100
96	M146	Z	25.816	25.816	0	%100
97	M149	X	0	0	0	%100
98	M149	Z	10.878	10.878	0	%100
99	M150	X	0	0	0	%100
100	M150	Z	10.878	10.878	0	%100
101	M153	X	0	0	0	%100
102	M153	Z	3.065	3.065	0	%100
103	M148A	X	0	0	0	%100
104	M148A	Z	25.685	25.685	0	%100
105	M149A	X	0	0	0	%100
106	M149A	Z	6.421	6.421	0	%100
107	M150A	X	0	0	0	%100
108	M150A	Z	6.421	6.421	0	%100
109	M151A	X	0	0	0	%100
110	M151A	Z	9.881	9.881	0	%100
111	M152A	X	0	0	0	%100
112	M152A	Z	0	0	0	%100
113	M154	X	0	0	0	%100
114	M154	Z	2.47	2.47	0	%100
115	M157	X	0	0	0	%100
116	M157	Z	2.47	2.47	0	%100
117	M166	X	0	0	0	%100
118	M166	Z	20.803	20.803	0	%100
119	M162A	X	0	0	0	%100
120	M162A	Z	0	0	0	%100
121	M163A	X	0	0	0	%100
122	M163A	Z	20.803	20.803	0	%100
123	M164A	X	0	0	0	%100
124	M164A	Z	15.602	15.602	0	%100
125	M165A	X	0	0	0	%100
126	M165A	Z	5.201	5.201	0	%100
127	M166A	X	0	0	0	%100
128	M166A	Z	15.602	15.602	0	%100
129	M167	X	0	0	0	%100
130	M167	Z	5.201	5.201	0	%100
131	M168	X	0	0	0	%100
132	M168	Z	15.602	15.602	0	%100
133	M169	X	0	0	0	%100
134	M169	Z	5.201	5.201	0	%100
135	M170	X	0	0	0	%100
136	M170	Z	15.602	15.602	0	%100
137	M171	X	0	0	0	%100
138	M171	Z	5.201	5.201	0	%100
139	M172	X	0	0	0	%100
140	M172	Z	9.159	9.159	0	%100
141	M173	X	0	0	0	%100
142	M173	Z	2.29	2.29	0	%100
143	M174	X	0	0	0	%100
144	M174	Z	2.29	2.29	0	%100
145	M175	X	0	0	0	%100
146	M175	Z	9.881	9.881	0	%100
147	M176	X	0	0	0	%100
148	M176	Z	2.47	2.47	0	%100
149	M177	X	0	0	0	%100
150	M177	Z	2.47	2.47	0	%100



Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
 1:35 PM  
 Checked By: \_\_\_\_\_

**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, %]	
151	MP5A	X	0	0	0	%100
152	MP5A	Z	9.881	9.881	0	%100
153	MP1A	X	0	0	0	%100
154	MP1A	Z	9.881	9.881	0	%100
155	MP2A	X	0	0	0	%100
156	MP2A	Z	9.881	9.881	0	%100
157	MP3A	X	0	0	0	%100
158	MP3A	Z	9.881	9.881	0	%100
159	MP4A	X	0	0	0	%100
160	MP4A	Z	9.881	9.881	0	%100
161	MP5C	X	0	0	0	%100
162	MP5C	Z	9.881	9.881	0	%100
163	MP1C	X	0	0	0	%100
164	MP1C	Z	9.881	9.881	0	%100
165	MP3C	X	0	0	0	%100
166	MP3C	Z	9.881	9.881	0	%100
167	MP5B	X	0	0	0	%100
168	MP5B	Z	9.881	9.881	0	%100
169	MP1B	X	0	0	0	%100
170	MP1B	Z	9.881	9.881	0	%100
171	MP3B	X	0	0	0	%100
172	MP3B	Z	9.881	9.881	0	%100
173	M211	X	0	0	0	%100
174	M211	Z	9.881	9.881	0	%100
175	M215	X	0	0	0	%100
176	M215	Z	2.47	2.47	0	%100
177	M219	X	0	0	0	%100
178	M219	Z	2.47	2.47	0	%100
179	M222	X	0	0	0	%100
180	M222	Z	24.964	24.964	0	%100
181	M223	X	0	0	0	%100
182	M223	Z	24.964	24.964	0	%100
183	M226	X	0	0	0	%100
184	M226	Z	6.241	6.241	0	%100
185	M227	X	0	0	0	%100
186	M227	Z	6.241	6.241	0	%100
187	M230	X	0	0	0	%100
188	M230	Z	6.241	6.241	0	%100
189	M231	X	0	0	0	%100
190	M231	Z	6.241	6.241	0	%100
191	M238	X	0	0	0	%100
192	M238	Z	2.951	2.951	0	%100
193	M239	X	0	0	0	%100
194	M239	Z	2.951	2.951	0	%100
195	M240	X	0	0	0	%100
196	M240	Z	11.806	11.806	0	%100
197	OVP	X	0	0	0	%100
198	OVP	Z	9.881	9.881	0	%100
199	MP2C	X	0	0	0	%100
200	MP2C	Z	9.881	9.881	0	%100
201	MP4C	X	0	0	0	%100
202	MP4C	Z	9.881	9.881	0	%100
203	MP2B	X	0	0	0	%100
204	MP2B	Z	9.881	9.881	0	%100
205	MP4B	X	0	0	0	%100
206	MP4B	Z	9.881	9.881	0	%100
207	M243A	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
208	M243A	Z	8.672	8.672	0	%100
209	M244A	X	0	0	0	%100
210	M244A	Z	8.672	8.672	0	%100
211	M245A	X	0	0	0	%100
212	M245A	Z	14.216	14.216	0	%100
213	M246A	X	0	0	0	%100
214	M246A	Z	.682	.682	0	%100
215	M247A	X	0	0	0	%100
216	M247A	Z	.682	.682	0	%100
217	M248A	X	0	0	0	%100
218	M248A	Z	14.216	14.216	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	-1.267	-1.267	0	%100
2	M1	Z	2.194	2.194	0	%100
3	M4	X	-2.629	-2.629	0	%100
4	M4	Z	4.554	4.554	0	%100
5	M5	X	-2.629	-2.629	0	%100
6	M5	Z	4.554	4.554	0	%100
7	M18	X	-3.409	-3.409	0	%100
8	M18	Z	5.905	5.905	0	%100
9	M19	X	0	0	0	%100
10	M19	Z	0	0	0	%100
11	M20	X	-3.684	-3.684	0	%100
12	M20	Z	6.381	6.381	0	%100
13	M21	X	-4.117	-4.117	0	%100
14	M21	Z	7.131	7.131	0	%100
15	M22	X	-3.409	-3.409	0	%100
16	M22	Z	5.905	5.905	0	%100
17	M28	X	0	0	0	%100
18	M28	Z	0	0	0	%100
19	M29	X	-8.408	-8.408	0	%100
20	M29	Z	14.563	14.563	0	%100
21	M27A	X	0	0	0	%100
22	M27A	Z	0	0	0	%100
23	M28A	X	-3.684	-3.684	0	%100
24	M28A	Z	6.381	6.381	0	%100
25	M29A	X	-4.117	-4.117	0	%100
26	M29A	Z	7.131	7.131	0	%100
27	M44	X	-12.908	-12.908	0	%100
28	M44	Z	22.357	22.357	0	%100
29	M47	X	-7.599	-7.599	0	%100
30	M47	Z	13.162	13.162	0	%100
31	M48	X	-7.599	-7.599	0	%100
32	M48	Z	13.162	13.162	0	%100
33	M51	X	-4.598	-4.598	0	%100
34	M51	Z	7.963	7.963	0	%100
35	M52	X	-1.267	-1.267	0	%100
36	M52	Z	2.194	2.194	0	%100
37	M55	X	-2.629	-2.629	0	%100
38	M55	Z	4.554	4.554	0	%100
39	M56	X	-2.629	-2.629	0	%100
40	M56	Z	4.554	4.554	0	%100
41	M69	X	-3.409	-3.409	0	%100
42	M69	Z	5.905	5.905	0	%100



Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
 1:35 PM  
 Checked By: \_\_\_\_\_

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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
43	M70	X	-3.684	-3.684	0 %100
44	M70	Z	6.381	6.381	0 %100
45	M71	X	0	0	0 %100
46	M71	Z	0	0	0 %100
47	M72	X	-4.117	-4.117	0 %100
48	M72	Z	7.131	7.131	0 %100
49	M73	X	-3.409	-3.409	0 %100
50	M73	Z	5.905	5.905	0 %100
51	M76	X	-8.408	-8.408	0 %100
52	M76	Z	14.563	14.563	0 %100
53	M77	X	0	0	0 %100
54	M77	Z	0	0	0 %100
55	M78	X	-3.684	-3.684	0 %100
56	M78	Z	6.381	6.381	0 %100
57	M79	X	0	0	0 %100
58	M79	Z	0	0	0 %100
59	M80	X	-4.117	-4.117	0 %100
60	M80	Z	7.131	7.131	0 %100
61	M95	X	-5.439	-5.439	0 %100
62	M95	Z	9.421	9.421	0 %100
63	M98	X	-12.908	-12.908	0 %100
64	M98	Z	22.357	22.357	0 %100
65	M99	X	-12.908	-12.908	0 %100
66	M99	Z	22.357	22.357	0 %100
67	M102	X	-4.598	-4.598	0 %100
68	M102	Z	7.963	7.963	0 %100
69	M103	X	-5.067	-5.067	0 %100
70	M103	Z	8.776	8.776	0 %100
71	M106	X	-10.517	-10.517	0 %100
72	M106	Z	18.215	18.215	0 %100
73	M107	X	-10.517	-10.517	0 %100
74	M107	Z	18.215	18.215	0 %100
75	M120	X	0	0	0 %100
76	M120	Z	0	0	0 %100
77	M121	X	-3.684	-3.684	0 %100
78	M121	Z	6.381	6.381	0 %100
79	M122	X	-3.684	-3.684	0 %100
80	M122	Z	6.381	6.381	0 %100
81	M123	X	0	0	0 %100
82	M123	Z	0	0	0 %100
83	M124	X	0	0	0 %100
84	M124	Z	0	0	0 %100
85	M127	X	-8.408	-8.408	0 %100
86	M127	Z	14.563	14.563	0 %100
87	M128	X	-8.408	-8.408	0 %100
88	M128	Z	14.563	14.563	0 %100
89	M129	X	-3.684	-3.684	0 %100
90	M129	Z	6.381	6.381	0 %100
91	M130	X	-3.684	-3.684	0 %100
92	M130	Z	6.381	6.381	0 %100
93	M131	X	0	0	0 %100
94	M131	Z	0	0	0 %100
95	M146	X	-16.642	-16.642	0 %100
96	M146	Z	28.825	28.825	0 %100
97	M149	X	-1.705	-1.705	0 %100
98	M149	Z	2.953	2.953	0 %100
99	M150	X	-1.705	-1.705	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, %]
100	M150	Z	2.953	2.953	0 %100
101	M153	X	0	0	0 %100
102	M153	Z	0	0	0 %100
103	M148A	X	-9.632	-9.632	0 %100
104	M148A	Z	16.683	16.683	0 %100
105	M149A	X	-9.632	-9.632	0 %100
106	M149A	Z	16.683	16.683	0 %100
107	M150A	X	0	0	0 %100
108	M150A	Z	0	0	0 %100
109	M151A	X	-3.706	-3.706	0 %100
110	M151A	Z	6.418	6.418	0 %100
111	M152A	X	-2.6	-2.6	0 %100
112	M152A	Z	4.504	4.504	0 %100
113	M154	X	-3.706	-3.706	0 %100
114	M154	Z	6.418	6.418	0 %100
115	M157	X	0	0	0 %100
116	M157	Z	0	0	0 %100
117	M166	X	-7.801	-7.801	0 %100
118	M166	Z	13.512	13.512	0 %100
119	M162A	X	-2.6	-2.6	0 %100
120	M162A	Z	4.504	4.504	0 %100
121	M163A	X	-7.801	-7.801	0 %100
122	M163A	Z	13.512	13.512	0 %100
123	M164A	X	-2.6	-2.6	0 %100
124	M164A	Z	4.504	4.504	0 %100
125	M165A	X	-7.801	-7.801	0 %100
126	M165A	Z	13.512	13.512	0 %100
127	M166A	X	-2.6	-2.6	0 %100
128	M166A	Z	4.504	4.504	0 %100
129	M167	X	-7.801	-7.801	0 %100
130	M167	Z	13.512	13.512	0 %100
131	M168	X	-10.401	-10.401	0 %100
132	M168	Z	18.016	18.016	0 %100
133	M169	X	0	0	0 %100
134	M169	Z	0	0	0 %100
135	M170	X	-10.401	-10.401	0 %100
136	M170	Z	18.016	18.016	0 %100
137	M171	X	0	0	0 %100
138	M171	Z	0	0	0 %100
139	M172	X	-3.435	-3.435	0 %100
140	M172	Z	5.949	5.949	0 %100
141	M173	X	-3.435	-3.435	0 %100
142	M173	Z	5.949	5.949	0 %100
143	M174	X	0	0	0 %100
144	M174	Z	0	0	0 %100
145	M175	X	-3.706	-3.706	0 %100
146	M175	Z	6.418	6.418	0 %100
147	M176	X	-3.706	-3.706	0 %100
148	M176	Z	6.418	6.418	0 %100
149	M177	X	0	0	0 %100
150	M177	Z	0	0	0 %100
151	MP5A	X	-4.941	-4.941	0 %100
152	MP5A	Z	8.558	8.558	0 %100
153	MP1A	X	-4.941	-4.941	0 %100
154	MP1A	Z	8.558	8.558	0 %100
155	MP2A	X	-4.941	-4.941	0 %100
156	MP2A	Z	8.558	8.558	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, %]
157	MP3A	X	-4.941	-4.941	0 %100
158	MP3A	Z	8.558	8.558	0 %100
159	MP4A	X	-4.941	-4.941	0 %100
160	MP4A	Z	8.558	8.558	0 %100
161	MP5C	X	-4.941	-4.941	0 %100
162	MP5C	Z	8.558	8.558	0 %100
163	MP1C	X	-4.941	-4.941	0 %100
164	MP1C	Z	8.558	8.558	0 %100
165	MP3C	X	-4.941	-4.941	0 %100
166	MP3C	Z	8.558	8.558	0 %100
167	MP5B	X	-4.941	-4.941	0 %100
168	MP5B	Z	8.558	8.558	0 %100
169	MP1B	X	-4.941	-4.941	0 %100
170	MP1B	Z	8.558	8.558	0 %100
171	MP3B	X	-4.941	-4.941	0 %100
172	MP3B	Z	8.558	8.558	0 %100
173	M211	X	-3.706	-3.706	0 %100
174	M211	Z	6.418	6.418	0 %100
175	M215	X	-3.706	-3.706	0 %100
176	M215	Z	6.418	6.418	0 %100
177	M219	X	0	0	0 %100
178	M219	Z	0	0	0 %100
179	M222	X	-9.361	-9.361	0 %100
180	M222	Z	16.214	16.214	0 %100
181	M223	X	-9.361	-9.361	0 %100
182	M223	Z	16.214	16.214	0 %100
183	M226	X	-9.361	-9.361	0 %100
184	M226	Z	16.214	16.214	0 %100
185	M227	X	-9.361	-9.361	0 %100
186	M227	Z	16.214	16.214	0 %100
187	M230	X	0	0	0 %100
188	M230	Z	0	0	0 %100
189	M231	X	0	0	0 %100
190	M231	Z	0	0	0 %100
191	M238	X	-4.427	-4.427	0 %100
192	M238	Z	7.668	7.668	0 %100
193	M239	X	0	0	0 %100
194	M239	Z	0	0	0 %100
195	M240	X	-4.427	-4.427	0 %100
196	M240	Z	7.668	7.668	0 %100
197	OVP	X	-4.941	-4.941	0 %100
198	OVP	Z	8.558	8.558	0 %100
199	MP2C	X	-4.941	-4.941	0 %100
200	MP2C	Z	8.558	8.558	0 %100
201	MP4C	X	-4.941	-4.941	0 %100
202	MP4C	Z	8.558	8.558	0 %100
203	MP2B	X	-4.941	-4.941	0 %100
204	MP2B	Z	8.558	8.558	0 %100
205	MP4B	X	-4.941	-4.941	0 %100
206	MP4B	Z	8.558	8.558	0 %100
207	M243A	X	-7.748	-7.748	0 %100
208	M243A	Z	1.296	1.296	0 %100
209	M244A	X	-7.516	-7.516	0 %100
210	M244A	Z	13.018	13.018	0 %100
211	M245A	X	-7.516	-7.516	0 %100
212	M245A	Z	13.018	13.018	0 %100
213	M246A	X	-7.748	-7.748	0 %100



Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
 1:35 PM  
 Checked By: \_\_\_\_\_

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft.F...]	Start Location[ft.%]	End Location[ft.%]
214	M246A	Z	1.296	1.296	0	%100
215	M247A	X	-3.521	-3.521	0	%100
216	M247A	Z	6.098	6.098	0	%100
217	M248A	X	-3.521	-3.521	0	%100
218	M248A	Z	6.098	6.098	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	-6.582	-6.582	0	%100
2	M1	Z	3.8	3.8	0	%100
3	M4	X	-13.661	-13.661	0	%100
4	M4	Z	7.887	7.887	0	%100
5	M5	X	-13.661	-13.661	0	%100
6	M5	Z	7.887	7.887	0	%100
7	M18	X	-1.968	-1.968	0	%100
8	M18	Z	1.136	1.136	0	%100
9	M19	X	-2.127	-2.127	0	%100
10	M19	Z	1.228	1.228	0	%100
11	M20	X	-8.508	-8.508	0	%100
12	M20	Z	4.912	4.912	0	%100
13	M21	X	-2.377	-2.377	0	%100
14	M21	Z	1.372	1.372	0	%100
15	M22	X	-1.968	-1.968	0	%100
16	M22	Z	1.136	1.136	0	%100
17	M28	X	-4.854	-4.854	0	%100
18	M28	Z	2.803	2.803	0	%100
19	M29	X	-19.417	-19.417	0	%100
20	M29	Z	11.21	11.21	0	%100
21	M27A	X	-2.127	-2.127	0	%100
22	M27A	Z	1.228	1.228	0	%100
23	M28A	X	-8.508	-8.508	0	%100
24	M28A	Z	4.912	4.912	0	%100
25	M29A	X	-2.377	-2.377	0	%100
26	M29A	Z	1.372	1.372	0	%100
27	M44	X	-9.421	-9.421	0	%100
28	M44	Z	5.439	5.439	0	%100
29	M47	X	-35.882	-35.882	0	%100
30	M47	Z	20.716	20.716	0	%100
31	M48	X	-35.882	-35.882	0	%100
32	M48	Z	20.716	20.716	0	%100
33	M51	X	-2.654	-2.654	0	%100
34	M51	Z	1.533	1.533	0	%100
35	M52	X	0	0	0	%100
36	M52	Z	0	0	0	%100
37	M55	X	0	0	0	%100
38	M55	Z	0	0	0	%100
39	M56	X	0	0	0	%100
40	M56	Z	0	0	0	%100
41	M69	X	-7.874	-7.874	0	%100
42	M69	Z	4.546	4.546	0	%100
43	M70	X	-2.127	-2.127	0	%100
44	M70	Z	1.228	1.228	0	%100
45	M71	X	-2.127	-2.127	0	%100
46	M71	Z	1.228	1.228	0	%100
47	M72	X	-9.508	-9.508	0	%100
48	M72	Z	5.49	5.49	0	%100



Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
 1:35 PM  
 Checked By: \_\_\_\_\_

**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, %]
49	M73	X	-7.874	-7.874	0 %100
50	M73	Z	4.546	4.546	0 %100
51	M76	X	-4.854	-4.854	0 %100
52	M76	Z	2.803	2.803	0 %100
53	M77	X	-4.854	-4.854	0 %100
54	M77	Z	2.803	2.803	0 %100
55	M78	X	-2.127	-2.127	0 %100
56	M78	Z	1.228	1.228	0 %100
57	M79	X	-2.127	-2.127	0 %100
58	M79	Z	1.228	1.228	0 %100
59	M80	X	-9.508	-9.508	0 %100
60	M80	Z	5.49	5.49	0 %100
61	M95	X	-2.953	-2.953	0 %100
62	M95	Z	1.705	1.705	0 %100
63	M98	X	-28.825	-28.825	0 %100
64	M98	Z	16.642	16.642	0 %100
65	M99	X	-28.825	-28.825	0 %100
66	M99	Z	16.642	16.642	0 %100
67	M102	X	-10.618	-10.618	0 %100
68	M102	Z	6.13	6.13	0 %100
69	M103	X	-6.582	-6.582	0 %100
70	M103	Z	3.8	3.8	0 %100
71	M106	X	-13.661	-13.661	0 %100
72	M106	Z	7.887	7.887	0 %100
73	M107	X	-13.661	-13.661	0 %100
74	M107	Z	7.887	7.887	0 %100
75	M120	X	-1.968	-1.968	0 %100
76	M120	Z	1.136	1.136	0 %100
77	M121	X	-8.508	-8.508	0 %100
78	M121	Z	4.912	4.912	0 %100
79	M122	X	-2.127	-2.127	0 %100
80	M122	Z	1.228	1.228	0 %100
81	M123	X	-2.377	-2.377	0 %100
82	M123	Z	1.372	1.372	0 %100
83	M124	X	-1.968	-1.968	0 %100
84	M124	Z	1.136	1.136	0 %100
85	M127	X	-19.417	-19.417	0 %100
86	M127	Z	11.21	11.21	0 %100
87	M128	X	-4.854	-4.854	0 %100
88	M128	Z	2.803	2.803	0 %100
89	M129	X	-8.508	-8.508	0 %100
90	M129	Z	4.912	4.912	0 %100
91	M130	X	-2.127	-2.127	0 %100
92	M130	Z	1.228	1.228	0 %100
93	M131	X	-2.377	-2.377	0 %100
94	M131	Z	1.372	1.372	0 %100
95	M146	X	-22.357	-22.357	0 %100
96	M146	Z	12.908	12.908	0 %100
97	M149	X	-9.421	-9.421	0 %100
98	M149	Z	5.439	5.439	0 %100
99	M150	X	-9.421	-9.421	0 %100
100	M150	Z	5.439	5.439	0 %100
101	M153	X	-2.654	-2.654	0 %100
102	M153	Z	1.533	1.533	0 %100
103	M148A	X	-5.561	-5.561	0 %100
104	M148A	Z	3.211	3.211	0 %100
105	M149A	X	-22.244	-22.244	0 %100



Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
 1:35 PM  
 Checked By: \_\_\_\_\_

**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, %]
106	M149A	Z	12.843	12.843	0 %100
107	M150A	X	-5.561	-5.561	0 %100
108	M150A	Z	3.211	3.211	0 %100
109	M151A	X	-2.139	-2.139	0 %100
110	M151A	Z	1.235	1.235	0 %100
111	M152A	X	-13.512	-13.512	0 %100
112	M152A	Z	7.801	7.801	0 %100
113	M154	X	-8.558	-8.558	0 %100
114	M154	Z	4.941	4.941	0 %100
115	M157	X	-2.139	-2.139	0 %100
116	M157	Z	1.235	1.235	0 %100
117	M166	X	-4.504	-4.504	0 %100
118	M166	Z	2.6	2.6	0 %100
119	M162A	X	-13.512	-13.512	0 %100
120	M162A	Z	7.801	7.801	0 %100
121	M163A	X	-4.504	-4.504	0 %100
122	M163A	Z	2.6	2.6	0 %100
123	M164A	X	0	0	0 %100
124	M164A	Z	0	0	0 %100
125	M165A	X	-18.016	-18.016	0 %100
126	M165A	Z	10.401	10.401	0 %100
127	M166A	X	0	0	0 %100
128	M166A	Z	0	0	0 %100
129	M167	X	-18.016	-18.016	0 %100
130	M167	Z	10.401	10.401	0 %100
131	M168	X	-13.512	-13.512	0 %100
132	M168	Z	7.801	7.801	0 %100
133	M169	X	-4.504	-4.504	0 %100
134	M169	Z	2.6	2.6	0 %100
135	M170	X	-13.512	-13.512	0 %100
136	M170	Z	7.801	7.801	0 %100
137	M171	X	-4.504	-4.504	0 %100
138	M171	Z	2.6	2.6	0 %100
139	M172	X	-1.983	-1.983	0 %100
140	M172	Z	1.145	1.145	0 %100
141	M173	X	-7.932	-7.932	0 %100
142	M173	Z	4.58	4.58	0 %100
143	M174	X	-1.983	-1.983	0 %100
144	M174	Z	1.145	1.145	0 %100
145	M175	X	-2.139	-2.139	0 %100
146	M175	Z	1.235	1.235	0 %100
147	M176	X	-8.558	-8.558	0 %100
148	M176	Z	4.941	4.941	0 %100
149	M177	X	-2.139	-2.139	0 %100
150	M177	Z	1.235	1.235	0 %100
151	MP5A	X	-8.558	-8.558	0 %100
152	MP5A	Z	4.941	4.941	0 %100
153	MP1A	X	-8.558	-8.558	0 %100
154	MP1A	Z	4.941	4.941	0 %100
155	MP2A	X	-8.558	-8.558	0 %100
156	MP2A	Z	4.941	4.941	0 %100
157	MP3A	X	-8.558	-8.558	0 %100
158	MP3A	Z	4.941	4.941	0 %100
159	MP4A	X	-8.558	-8.558	0 %100
160	MP4A	Z	4.941	4.941	0 %100
161	MP5C	X	-8.558	-8.558	0 %100
162	MP5C	Z	4.941	4.941	0 %100

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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
163	MP1C	X	-8.558	-8.558	0 %100
164	MP1C	Z	4.941	4.941	0 %100
165	MP3C	X	-8.558	-8.558	0 %100
166	MP3C	Z	4.941	4.941	0 %100
167	MP5B	X	-8.558	-8.558	0 %100
168	MP5B	Z	4.941	4.941	0 %100
169	MP1B	X	-8.558	-8.558	0 %100
170	MP1B	Z	4.941	4.941	0 %100
171	MP3B	X	-8.558	-8.558	0 %100
172	MP3B	Z	4.941	4.941	0 %100
173	M211	X	-2.139	-2.139	0 %100
174	M211	Z	1.235	1.235	0 %100
175	M215	X	-8.558	-8.558	0 %100
176	M215	Z	4.941	4.941	0 %100
177	M219	X	-2.139	-2.139	0 %100
178	M219	Z	1.235	1.235	0 %100
179	M222	X	-5.405	-5.405	0 %100
180	M222	Z	3.12	3.12	0 %100
181	M223	X	-5.405	-5.405	0 %100
182	M223	Z	3.12	3.12	0 %100
183	M226	X	-21.619	-21.619	0 %100
184	M226	Z	12.482	12.482	0 %100
185	M227	X	-21.619	-21.619	0 %100
186	M227	Z	12.482	12.482	0 %100
187	M230	X	-5.405	-5.405	0 %100
188	M230	Z	3.12	3.12	0 %100
189	M231	X	-5.405	-5.405	0 %100
190	M231	Z	3.12	3.12	0 %100
191	M238	X	-10.224	-10.224	0 %100
192	M238	Z	5.903	5.903	0 %100
193	M239	X	-2.556	-2.556	0 %100
194	M239	Z	1.476	1.476	0 %100
195	M240	X	-2.556	-2.556	0 %100
196	M240	Z	1.476	1.476	0 %100
197	OVP	X	-8.558	-8.558	0 %100
198	OVP	Z	4.941	4.941	0 %100
199	MP2C	X	-8.558	-8.558	0 %100
200	MP2C	Z	4.941	4.941	0 %100
201	MP4C	X	-8.558	-8.558	0 %100
202	MP4C	Z	4.941	4.941	0 %100
203	MP2B	X	-8.558	-8.558	0 %100
204	MP2B	Z	4.941	4.941	0 %100
205	MP4B	X	-8.558	-8.558	0 %100
206	MP4B	Z	4.941	4.941	0 %100
207	M243A	X	-.59	-.59	0 %100
208	M243A	Z	.341	.341	0 %100
209	M244A	X	-12.312	-12.312	0 %100
210	M244A	Z	7.108	7.108	0 %100
211	M245A	X	-7.51	-7.51	0 %100
212	M245A	Z	4.336	4.336	0 %100
213	M246A	X	-7.51	-7.51	0 %100
214	M246A	Z	4.336	4.336	0 %100
215	M247A	X	-12.312	-12.312	0 %100
216	M247A	Z	7.108	7.108	0 %100
217	M248A	X	-.59	-.59	0 %100
218	M248A	Z	.341	.341	0 %100



Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
 1:35 PM  
 Checked By: \_\_\_\_\_

**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	-10.134	-10.134	0 %100
2	M1	Z	0	0	0 %100
3	M4	X	-21.033	-21.033	0 %100
4	M4	Z	0	0	0 %100
5	M5	X	-21.033	-21.033	0 %100
6	M5	Z	0	0	0 %100
7	M18	X	0	0	0 %100
8	M18	Z	0	0	0 %100
9	M19	X	-7.368	-7.368	0 %100
10	M19	Z	0	0	0 %100
11	M20	X	-7.368	-7.368	0 %100
12	M20	Z	0	0	0 %100
13	M21	X	0	0	0 %100
14	M21	Z	0	0	0 %100
15	M22	X	0	0	0 %100
16	M22	Z	0	0	0 %100
17	M28	X	-16.816	-16.816	0 %100
18	M28	Z	0	0	0 %100
19	M29	X	-16.816	-16.816	0 %100
20	M29	Z	0	0	0 %100
21	M27A	X	-7.368	-7.368	0 %100
22	M27A	Z	0	0	0 %100
23	M28A	X	-7.368	-7.368	0 %100
24	M28A	Z	0	0	0 %100
25	M29A	X	0	0	0 %100
26	M29A	Z	0	0	0 %100
27	M44	X	-3.409	-3.409	0 %100
28	M44	Z	0	0	0 %100
29	M47	X	-54.55	-54.55	0 %100
30	M47	Z	0	0	0 %100
31	M48	X	-54.55	-54.55	0 %100
32	M48	Z	0	0	0 %100
33	M51	X	0	0	0 %100
34	M51	Z	0	0	0 %100
35	M52	X	-2.533	-2.533	0 %100
36	M52	Z	0	0	0 %100
37	M55	X	-5.258	-5.258	0 %100
38	M55	Z	0	0	0 %100
39	M56	X	-5.258	-5.258	0 %100
40	M56	Z	0	0	0 %100
41	M69	X	-6.819	-6.819	0 %100
42	M69	Z	0	0	0 %100
43	M70	X	0	0	0 %100
44	M70	Z	0	0	0 %100
45	M71	X	-7.368	-7.368	0 %100
46	M71	Z	0	0	0 %100
47	M72	X	-8.235	-8.235	0 %100
48	M72	Z	0	0	0 %100
49	M73	X	-6.819	-6.819	0 %100
50	M73	Z	0	0	0 %100
51	M76	X	0	0	0 %100
52	M76	Z	0	0	0 %100
53	M77	X	-16.816	-16.816	0 %100
54	M77	Z	0	0	0 %100
55	M78	X	0	0	0 %100
56	M78	Z	0	0	0 %100
57	M79	X	-7.368	-7.368	0 %100



Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
 1:35 PM  
 Checked By: \_\_\_\_\_

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

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%]	End Location[ft.%]	
58	M79	Z	0	0	0	%100
59	M80	X	-8.235	-8.235	0	%100
60	M80	Z	0	0	0	%100
61	M95	X	-10.878	-10.878	0	%100
62	M95	Z	0	0	0	%100
63	M98	X	-25.816	-25.816	0	%100
64	M98	Z	0	0	0	%100
65	M99	X	-25.816	-25.816	0	%100
66	M99	Z	0	0	0	%100
67	M102	X	-9.195	-9.195	0	%100
68	M102	Z	0	0	0	%100
69	M103	X	-2.533	-2.533	0	%100
70	M103	Z	0	0	0	%100
71	M106	X	-5.258	-5.258	0	%100
72	M106	Z	0	0	0	%100
73	M107	X	-5.258	-5.258	0	%100
74	M107	Z	0	0	0	%100
75	M120	X	-6.819	-6.819	0	%100
76	M120	Z	0	0	0	%100
77	M121	X	-7.368	-7.368	0	%100
78	M121	Z	0	0	0	%100
79	M122	X	0	0	0	%100
80	M122	Z	0	0	0	%100
81	M123	X	-8.235	-8.235	0	%100
82	M123	Z	0	0	0	%100
83	M124	X	-6.819	-6.819	0	%100
84	M124	Z	0	0	0	%100
85	M127	X	-16.816	-16.816	0	%100
86	M127	Z	0	0	0	%100
87	M128	X	0	0	0	%100
88	M128	Z	0	0	0	%100
89	M129	X	-7.368	-7.368	0	%100
90	M129	Z	0	0	0	%100
91	M130	X	0	0	0	%100
92	M130	Z	0	0	0	%100
93	M131	X	-8.235	-8.235	0	%100
94	M131	Z	0	0	0	%100
95	M146	X	-10.878	-10.878	0	%100
96	M146	Z	0	0	0	%100
97	M149	X	-25.816	-25.816	0	%100
98	M149	Z	0	0	0	%100
99	M150	X	-25.816	-25.816	0	%100
100	M150	Z	0	0	0	%100
101	M153	X	-9.195	-9.195	0	%100
102	M153	Z	0	0	0	%100
103	M148A	X	0	0	0	%100
104	M148A	Z	0	0	0	%100
105	M149A	X	-19.264	-19.264	0	%100
106	M149A	Z	0	0	0	%100
107	M150A	X	-19.264	-19.264	0	%100
108	M150A	Z	0	0	0	%100
109	M151A	X	0	0	0	%100
110	M151A	Z	0	0	0	%100
111	M152A	X	-20.803	-20.803	0	%100
112	M152A	Z	0	0	0	%100
113	M154	X	-7.411	-7.411	0	%100
114	M154	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, %]
115	M157	X	-7.411	-7.411	0 %100
116	M157	Z	0	0	0 %100
117	M166	X	0	0	0 %100
118	M166	Z	0	0	0 %100
119	M162A	X	-20.803	-20.803	0 %100
120	M162A	Z	0	0	0 %100
121	M163A	X	0	0	0 %100
122	M163A	Z	0	0	0 %100
123	M164A	X	-5.201	-5.201	0 %100
124	M164A	Z	0	0	0 %100
125	M165A	X	-15.602	-15.602	0 %100
126	M165A	Z	0	0	0 %100
127	M166A	X	-5.201	-5.201	0 %100
128	M166A	Z	0	0	0 %100
129	M167	X	-15.602	-15.602	0 %100
130	M167	Z	0	0	0 %100
131	M168	X	-5.201	-5.201	0 %100
132	M168	Z	0	0	0 %100
133	M169	X	-15.602	-15.602	0 %100
134	M169	Z	0	0	0 %100
135	M170	X	-5.201	-5.201	0 %100
136	M170	Z	0	0	0 %100
137	M171	X	-15.602	-15.602	0 %100
138	M171	Z	0	0	0 %100
139	M172	X	0	0	0 %100
140	M172	Z	0	0	0 %100
141	M173	X	-6.869	-6.869	0 %100
142	M173	Z	0	0	0 %100
143	M174	X	-6.869	-6.869	0 %100
144	M174	Z	0	0	0 %100
145	M175	X	0	0	0 %100
146	M175	Z	0	0	0 %100
147	M176	X	-7.411	-7.411	0 %100
148	M176	Z	0	0	0 %100
149	M177	X	-7.411	-7.411	0 %100
150	M177	Z	0	0	0 %100
151	MP5A	X	-9.881	-9.881	0 %100
152	MP5A	Z	0	0	0 %100
153	MP1A	X	-9.881	-9.881	0 %100
154	MP1A	Z	0	0	0 %100
155	MP2A	X	-9.881	-9.881	0 %100
156	MP2A	Z	0	0	0 %100
157	MP3A	X	-9.881	-9.881	0 %100
158	MP3A	Z	0	0	0 %100
159	MP4A	X	-9.881	-9.881	0 %100
160	MP4A	Z	0	0	0 %100
161	MP5C	X	-9.881	-9.881	0 %100
162	MP5C	Z	0	0	0 %100
163	MP1C	X	-9.881	-9.881	0 %100
164	MP1C	Z	0	0	0 %100
165	MP3C	X	-9.881	-9.881	0 %100
166	MP3C	Z	0	0	0 %100
167	MP5B	X	-9.881	-9.881	0 %100
168	MP5B	Z	0	0	0 %100
169	MP1B	X	-9.881	-9.881	0 %100
170	MP1B	Z	0	0	0 %100
171	MP3B	X	-9.881	-9.881	0 %100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
172	MP3B	Z	0	0	0	%100
173	M211	X	0	0	0	%100
174	M211	Z	0	0	0	%100
175	M215	X	-7.411	-7.411	0	%100
176	M215	Z	0	0	0	%100
177	M219	X	-7.411	-7.411	0	%100
178	M219	Z	0	0	0	%100
179	M222	X	0	0	0	%100
180	M222	Z	0	0	0	%100
181	M223	X	0	0	0	%100
182	M223	Z	0	0	0	%100
183	M226	X	-18.723	-18.723	0	%100
184	M226	Z	0	0	0	%100
185	M227	X	-18.723	-18.723	0	%100
186	M227	Z	0	0	0	%100
187	M230	X	-18.723	-18.723	0	%100
188	M230	Z	0	0	0	%100
189	M231	X	-18.723	-18.723	0	%100
190	M231	Z	0	0	0	%100
191	M238	X	-8.854	-8.854	0	%100
192	M238	Z	0	0	0	%100
193	M239	X	-8.854	-8.854	0	%100
194	M239	Z	0	0	0	%100
195	M240	X	0	0	0	%100
196	M240	Z	0	0	0	%100
197	OVP	X	-9.881	-9.881	0	%100
198	OVP	Z	0	0	0	%100
199	MP2C	X	-9.881	-9.881	0	%100
200	MP2C	Z	0	0	0	%100
201	MP4C	X	-9.881	-9.881	0	%100
202	MP4C	Z	0	0	0	%100
203	MP2B	X	-9.881	-9.881	0	%100
204	MP2B	Z	0	0	0	%100
205	MP4B	X	-9.881	-9.881	0	%100
206	MP4B	Z	0	0	0	%100
207	M243A	X	-7.041	-7.041	0	%100
208	M243A	Z	0	0	0	%100
209	M244A	X	-7.041	-7.041	0	%100
210	M244A	Z	0	0	0	%100
211	M245A	X	-1.497	-1.497	0	%100
212	M245A	Z	0	0	0	%100
213	M246A	X	-15.031	-15.031	0	%100
214	M246A	Z	0	0	0	%100
215	M247A	X	-15.031	-15.031	0	%100
216	M247A	Z	0	0	0	%100
217	M248A	X	-1.497	-1.497	0	%100
218	M248A	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	-6.582	-6.582	0	%100
2	M1	Z	-3.8	-3.8	0	%100
3	M4	X	-13.661	-13.661	0	%100
4	M4	Z	-7.887	-7.887	0	%100
5	M5	X	-13.661	-13.661	0	%100
6	M5	Z	-7.887	-7.887	0	%100



Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
 1:35 PM  
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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.-%]
7	M18	X	-1.968	-1.968	0 %100
8	M18	Z	-1.136	-1.136	0 %100
9	M19	X	-8.508	-8.508	0 %100
10	M19	Z	-4.912	-4.912	0 %100
11	M20	X	-2.127	-2.127	0 %100
12	M20	Z	-1.228	-1.228	0 %100
13	M21	X	-2.377	-2.377	0 %100
14	M21	Z	-1.372	-1.372	0 %100
15	M22	X	-1.968	-1.968	0 %100
16	M22	Z	-1.136	-1.136	0 %100
17	M28	X	-19.417	-19.417	0 %100
18	M28	Z	-11.21	-11.21	0 %100
19	M29	X	-4.854	-4.854	0 %100
20	M29	Z	-2.803	-2.803	0 %100
21	M27A	X	-8.508	-8.508	0 %100
22	M27A	Z	-4.912	-4.912	0 %100
23	M28A	X	-2.127	-2.127	0 %100
24	M28A	Z	-1.228	-1.228	0 %100
25	M29A	X	-2.377	-2.377	0 %100
26	M29A	Z	-1.372	-1.372	0 %100
27	M44	X	-9.421	-9.421	0 %100
28	M44	Z	-5.439	-5.439	0 %100
29	M47	X	-35.882	-35.882	0 %100
30	M47	Z	-20.716	-20.716	0 %100
31	M48	X	-35.882	-35.882	0 %100
32	M48	Z	-20.716	-20.716	0 %100
33	M51	X	-2.654	-2.654	0 %100
34	M51	Z	-1.533	-1.533	0 %100
35	M52	X	-6.582	-6.582	0 %100
36	M52	Z	-3.8	-3.8	0 %100
37	M55	X	-13.661	-13.661	0 %100
38	M55	Z	-7.887	-7.887	0 %100
39	M56	X	-13.661	-13.661	0 %100
40	M56	Z	-7.887	-7.887	0 %100
41	M69	X	-1.968	-1.968	0 %100
42	M69	Z	-1.136	-1.136	0 %100
43	M70	X	-2.127	-2.127	0 %100
44	M70	Z	-1.228	-1.228	0 %100
45	M71	X	-8.508	-8.508	0 %100
46	M71	Z	-4.912	-4.912	0 %100
47	M72	X	-2.377	-2.377	0 %100
48	M72	Z	-1.372	-1.372	0 %100
49	M73	X	-1.968	-1.968	0 %100
50	M73	Z	-1.136	-1.136	0 %100
51	M76	X	-4.854	-4.854	0 %100
52	M76	Z	-2.803	-2.803	0 %100
53	M77	X	-19.417	-19.417	0 %100
54	M77	Z	-11.21	-11.21	0 %100
55	M78	X	-2.127	-2.127	0 %100
56	M78	Z	-1.228	-1.228	0 %100
57	M79	X	-8.508	-8.508	0 %100
58	M79	Z	-4.912	-4.912	0 %100
59	M80	X	-2.377	-2.377	0 %100
60	M80	Z	-1.372	-1.372	0 %100
61	M95	X	-22.357	-22.357	0 %100
62	M95	Z	-12.908	-12.908	0 %100
63	M98	X	-9.421	-9.421	0 %100



Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
 1:35 PM  
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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, %]
64	M98	Z	-5.439	-5.439	0 %100
65	M99	X	-9.421	-9.421	0 %100
66	M99	Z	-5.439	-5.439	0 %100
67	M102	X	-2.654	-2.654	0 %100
68	M102	Z	-1.533	-1.533	0 %100
69	M103	X	0	0	0 %100
70	M103	Z	0	0	0 %100
71	M106	X	0	0	0 %100
72	M106	Z	0	0	0 %100
73	M107	X	0	0	0 %100
74	M107	Z	0	0	0 %100
75	M120	X	-7.874	-7.874	0 %100
76	M120	Z	-4.546	-4.546	0 %100
77	M121	X	-2.127	-2.127	0 %100
78	M121	Z	-1.228	-1.228	0 %100
79	M122	X	-2.127	-2.127	0 %100
80	M122	Z	-1.228	-1.228	0 %100
81	M123	X	-9.508	-9.508	0 %100
82	M123	Z	-5.49	-5.49	0 %100
83	M124	X	-7.874	-7.874	0 %100
84	M124	Z	-4.546	-4.546	0 %100
85	M127	X	-4.854	-4.854	0 %100
86	M127	Z	-2.803	-2.803	0 %100
87	M128	X	-4.854	-4.854	0 %100
88	M128	Z	-2.803	-2.803	0 %100
89	M129	X	-2.127	-2.127	0 %100
90	M129	Z	-1.228	-1.228	0 %100
91	M130	X	-2.127	-2.127	0 %100
92	M130	Z	-1.228	-1.228	0 %100
93	M131	X	-9.508	-9.508	0 %100
94	M131	Z	-5.49	-5.49	0 %100
95	M146	X	-2.953	-2.953	0 %100
96	M146	Z	-1.705	-1.705	0 %100
97	M149	X	-28.825	-28.825	0 %100
98	M149	Z	-16.642	-16.642	0 %100
99	M150	X	-28.825	-28.825	0 %100
100	M150	Z	-16.642	-16.642	0 %100
101	M153	X	-10.618	-10.618	0 %100
102	M153	Z	-6.13	-6.13	0 %100
103	M148A	X	-5.561	-5.561	0 %100
104	M148A	Z	-3.211	-3.211	0 %100
105	M149A	X	-5.561	-5.561	0 %100
106	M149A	Z	-3.211	-3.211	0 %100
107	M150A	X	-22.244	-22.244	0 %100
108	M150A	Z	-12.843	-12.843	0 %100
109	M151A	X	-2.139	-2.139	0 %100
110	M151A	Z	-1.235	-1.235	0 %100
111	M152A	X	-13.512	-13.512	0 %100
112	M152A	Z	-7.801	-7.801	0 %100
113	M154	X	-2.139	-2.139	0 %100
114	M154	Z	-1.235	-1.235	0 %100
115	M157	X	-8.558	-8.558	0 %100
116	M157	Z	-4.941	-4.941	0 %100
117	M166	X	-4.504	-4.504	0 %100
118	M166	Z	-2.6	-2.6	0 %100
119	M162A	X	-13.512	-13.512	0 %100
120	M162A	Z	-7.801	-7.801	0 %100

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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
121	M163A	X	-4.504	-4.504	0 %100
122	M163A	Z	-2.6	-2.6	0 %100
123	M164A	X	-13.512	-13.512	0 %100
124	M164A	Z	-7.801	-7.801	0 %100
125	M165A	X	-4.504	-4.504	0 %100
126	M165A	Z	-2.6	-2.6	0 %100
127	M166A	X	-13.512	-13.512	0 %100
128	M166A	Z	-7.801	-7.801	0 %100
129	M167	X	-4.504	-4.504	0 %100
130	M167	Z	-2.6	-2.6	0 %100
131	M168	X	0	0	0 %100
132	M168	Z	0	0	0 %100
133	M169	X	-18.016	-18.016	0 %100
134	M169	Z	-10.401	-10.401	0 %100
135	M170	X	0	0	0 %100
136	M170	Z	0	0	0 %100
137	M171	X	-18.016	-18.016	0 %100
138	M171	Z	-10.401	-10.401	0 %100
139	M172	X	-1.983	-1.983	0 %100
140	M172	Z	-1.145	-1.145	0 %100
141	M173	X	-1.983	-1.983	0 %100
142	M173	Z	-1.145	-1.145	0 %100
143	M174	X	-7.932	-7.932	0 %100
144	M174	Z	-4.58	-4.58	0 %100
145	M175	X	-2.139	-2.139	0 %100
146	M175	Z	-1.235	-1.235	0 %100
147	M176	X	-2.139	-2.139	0 %100
148	M176	Z	-1.235	-1.235	0 %100
149	M177	X	-8.558	-8.558	0 %100
150	M177	Z	-4.941	-4.941	0 %100
151	MP5A	X	-8.558	-8.558	0 %100
152	MP5A	Z	-4.941	-4.941	0 %100
153	MP1A	X	-8.558	-8.558	0 %100
154	MP1A	Z	-4.941	-4.941	0 %100
155	MP2A	X	-8.558	-8.558	0 %100
156	MP2A	Z	-4.941	-4.941	0 %100
157	MP3A	X	-8.558	-8.558	0 %100
158	MP3A	Z	-4.941	-4.941	0 %100
159	MP4A	X	-8.558	-8.558	0 %100
160	MP4A	Z	-4.941	-4.941	0 %100
161	MP5C	X	-8.558	-8.558	0 %100
162	MP5C	Z	-4.941	-4.941	0 %100
163	MP1C	X	-8.558	-8.558	0 %100
164	MP1C	Z	-4.941	-4.941	0 %100
165	MP3C	X	-8.558	-8.558	0 %100
166	MP3C	Z	-4.941	-4.941	0 %100
167	MP5B	X	-8.558	-8.558	0 %100
168	MP5B	Z	-4.941	-4.941	0 %100
169	MP1B	X	-8.558	-8.558	0 %100
170	MP1B	Z	-4.941	-4.941	0 %100
171	MP3B	X	-8.558	-8.558	0 %100
172	MP3B	Z	-4.941	-4.941	0 %100
173	M211	X	-2.139	-2.139	0 %100
174	M211	Z	-1.235	-1.235	0 %100
175	M215	X	-2.139	-2.139	0 %100
176	M215	Z	-1.235	-1.235	0 %100
177	M219	X	-8.558	-8.558	0 %100

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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
178	M219	Z	-4.941	-4.941	0 %100
179	M222	X	-5.405	-5.405	0 %100
180	M222	Z	-3.12	-3.12	0 %100
181	M223	X	-5.405	-5.405	0 %100
182	M223	Z	-3.12	-3.12	0 %100
183	M226	X	-5.405	-5.405	0 %100
184	M226	Z	-3.12	-3.12	0 %100
185	M227	X	-5.405	-5.405	0 %100
186	M227	Z	-3.12	-3.12	0 %100
187	M230	X	-21.619	-21.619	0 %100
188	M230	Z	-12.482	-12.482	0 %100
189	M231	X	-21.619	-21.619	0 %100
190	M231	Z	-12.482	-12.482	0 %100
191	M238	X	-2.556	-2.556	0 %100
192	M238	Z	-1.476	-1.476	0 %100
193	M239	X	-10.224	-10.224	0 %100
194	M239	Z	-5.903	-5.903	0 %100
195	M240	X	-2.556	-2.556	0 %100
196	M240	Z	-1.476	-1.476	0 %100
197	OVP	X	-8.558	-8.558	0 %100
198	OVP	Z	-4.941	-4.941	0 %100
199	MP2C	X	-8.558	-8.558	0 %100
200	MP2C	Z	-4.941	-4.941	0 %100
201	MP4C	X	-8.558	-8.558	0 %100
202	MP4C	Z	-4.941	-4.941	0 %100
203	MP2B	X	-8.558	-8.558	0 %100
204	MP2B	Z	-4.941	-4.941	0 %100
205	MP4B	X	-8.558	-8.558	0 %100
206	MP4B	Z	-4.941	-4.941	0 %100
207	M243A	X	-12.312	-12.312	0 %100
208	M243A	Z	-7.108	-7.108	0 %100
209	M244A	X	-.59	-.59	0 %100
210	M244A	Z	-.341	-.341	0 %100
211	M245A	X	-.59	-.59	0 %100
212	M245A	Z	-.341	-.341	0 %100
213	M246A	X	-12.312	-12.312	0 %100
214	M246A	Z	-7.108	-7.108	0 %100
215	M247A	X	-7.51	-7.51	0 %100
216	M247A	Z	-4.336	-4.336	0 %100
217	M248A	X	-7.51	-7.51	0 %100
218	M248A	Z	-4.336	-4.336	0 %100

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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M1	X	-1.267	-1.267	0 %100
2	M1	Z	-2.194	-2.194	0 %100
3	M4	X	-2.629	-2.629	0 %100
4	M4	Z	-4.554	-4.554	0 %100
5	M5	X	-2.629	-2.629	0 %100
6	M5	Z	-4.554	-4.554	0 %100
7	M18	X	-3.409	-3.409	0 %100
8	M18	Z	-5.905	-5.905	0 %100
9	M19	X	-3.684	-3.684	0 %100
10	M19	Z	-6.381	-6.381	0 %100
11	M20	X	0	0	0 %100
12	M20	Z	0	0	0 %100



Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
 1:35 PM  
 Checked By: \_\_\_\_\_

**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.%,]
13	M21	X	-4.117	-4.117	0 %100
14	M21	Z	-7.131	-7.131	0 %100
15	M22	X	-3.409	-3.409	0 %100
16	M22	Z	-5.905	-5.905	0 %100
17	M28	X	-8.408	-8.408	0 %100
18	M28	Z	-14.563	-14.563	0 %100
19	M29	X	0	0	0 %100
20	M29	Z	0	0	0 %100
21	M27A	X	-3.684	-3.684	0 %100
22	M27A	Z	-6.381	-6.381	0 %100
23	M28A	X	0	0	0 %100
24	M28A	Z	0	0	0 %100
25	M29A	X	-4.117	-4.117	0 %100
26	M29A	Z	-7.131	-7.131	0 %100
27	M44	X	-12.908	-12.908	0 %100
28	M44	Z	-22.357	-22.357	0 %100
29	M47	X	-7.599	-7.599	0 %100
30	M47	Z	-13.162	-13.162	0 %100
31	M48	X	-7.599	-7.599	0 %100
32	M48	Z	-13.162	-13.162	0 %100
33	M51	X	-4.598	-4.598	0 %100
34	M51	Z	-7.963	-7.963	0 %100
35	M52	X	-5.067	-5.067	0 %100
36	M52	Z	-8.776	-8.776	0 %100
37	M55	X	-10.517	-10.517	0 %100
38	M55	Z	-18.215	-18.215	0 %100
39	M56	X	-10.517	-10.517	0 %100
40	M56	Z	-18.215	-18.215	0 %100
41	M69	X	0	0	0 %100
42	M69	Z	0	0	0 %100
43	M70	X	-3.684	-3.684	0 %100
44	M70	Z	-6.381	-6.381	0 %100
45	M71	X	-3.684	-3.684	0 %100
46	M71	Z	-6.381	-6.381	0 %100
47	M72	X	0	0	0 %100
48	M72	Z	0	0	0 %100
49	M73	X	0	0	0 %100
50	M73	Z	0	0	0 %100
51	M76	X	-8.408	-8.408	0 %100
52	M76	Z	-14.563	-14.563	0 %100
53	M77	X	-8.408	-8.408	0 %100
54	M77	Z	-14.563	-14.563	0 %100
55	M78	X	-3.684	-3.684	0 %100
56	M78	Z	-6.381	-6.381	0 %100
57	M79	X	-3.684	-3.684	0 %100
58	M79	Z	-6.381	-6.381	0 %100
59	M80	X	0	0	0 %100
60	M80	Z	0	0	0 %100
61	M95	X	-16.642	-16.642	0 %100
62	M95	Z	-28.825	-28.825	0 %100
63	M98	X	-1.705	-1.705	0 %100
64	M98	Z	-2.953	-2.953	0 %100
65	M99	X	-1.705	-1.705	0 %100
66	M99	Z	-2.953	-2.953	0 %100
67	M102	X	0	0	0 %100
68	M102	Z	0	0	0 %100
69	M103	X	-1.267	-1.267	0 %100

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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
70	M103	Z	-2.194	-2.194	0 %100
71	M106	X	-2.629	-2.629	0 %100
72	M106	Z	-4.554	-4.554	0 %100
73	M107	X	-2.629	-2.629	0 %100
74	M107	Z	-4.554	-4.554	0 %100
75	M120	X	-3.409	-3.409	0 %100
76	M120	Z	-5.905	-5.905	0 %100
77	M121	X	0	0	0 %100
78	M121	Z	0	0	0 %100
79	M122	X	-3.684	-3.684	0 %100
80	M122	Z	-6.381	-6.381	0 %100
81	M123	X	-4.117	-4.117	0 %100
82	M123	Z	-7.131	-7.131	0 %100
83	M124	X	-3.409	-3.409	0 %100
84	M124	Z	-5.905	-5.905	0 %100
85	M127	X	0	0	0 %100
86	M127	Z	0	0	0 %100
87	M128	X	-8.408	-8.408	0 %100
88	M128	Z	-14.563	-14.563	0 %100
89	M129	X	0	0	0 %100
90	M129	Z	0	0	0 %100
91	M130	X	-3.684	-3.684	0 %100
92	M130	Z	-6.381	-6.381	0 %100
93	M131	X	-4.117	-4.117	0 %100
94	M131	Z	-7.131	-7.131	0 %100
95	M146	X	-5.439	-5.439	0 %100
96	M146	Z	-9.421	-9.421	0 %100
97	M149	X	-12.908	-12.908	0 %100
98	M149	Z	-22.357	-22.357	0 %100
99	M150	X	-12.908	-12.908	0 %100
100	M150	Z	-22.357	-22.357	0 %100
101	M153	X	-4.598	-4.598	0 %100
102	M153	Z	-7.963	-7.963	0 %100
103	M148A	X	-9.632	-9.632	0 %100
104	M148A	Z	-16.683	-16.683	0 %100
105	M149A	X	0	0	0 %100
106	M149A	Z	0	0	0 %100
107	M150A	X	-9.632	-9.632	0 %100
108	M150A	Z	-16.683	-16.683	0 %100
109	M151A	X	-3.706	-3.706	0 %100
110	M151A	Z	-6.418	-6.418	0 %100
111	M152A	X	-2.6	-2.6	0 %100
112	M152A	Z	-4.504	-4.504	0 %100
113	M154	X	0	0	0 %100
114	M154	Z	0	0	0 %100
115	M157	X	-3.706	-3.706	0 %100
116	M157	Z	-6.418	-6.418	0 %100
117	M166	X	-7.801	-7.801	0 %100
118	M166	Z	-13.512	-13.512	0 %100
119	M162A	X	-2.6	-2.6	0 %100
120	M162A	Z	-4.504	-4.504	0 %100
121	M163A	X	-7.801	-7.801	0 %100
122	M163A	Z	-13.512	-13.512	0 %100
123	M164A	X	-10.401	-10.401	0 %100
124	M164A	Z	-18.016	-18.016	0 %100
125	M165A	X	0	0	0 %100
126	M165A	Z	0	0	0 %100





Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
 1:35 PM  
 Checked By: \_\_\_\_\_

**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.%]
127	M166A	X	-10.401	-10.401	0 %100
128	M166A	Z	-18.016	-18.016	0 %100
129	M167	X	0	0	0 %100
130	M167	Z	0	0	0 %100
131	M168	X	-2.6	-2.6	0 %100
132	M168	Z	-4.504	-4.504	0 %100
133	M169	X	-7.801	-7.801	0 %100
134	M169	Z	-13.512	-13.512	0 %100
135	M170	X	-2.6	-2.6	0 %100
136	M170	Z	-4.504	-4.504	0 %100
137	M171	X	-7.801	-7.801	0 %100
138	M171	Z	-13.512	-13.512	0 %100
139	M172	X	-3.435	-3.435	0 %100
140	M172	Z	-5.949	-5.949	0 %100
141	M173	X	0	0	0 %100
142	M173	Z	0	0	0 %100
143	M174	X	-3.435	-3.435	0 %100
144	M174	Z	-5.949	-5.949	0 %100
145	M175	X	-3.706	-3.706	0 %100
146	M175	Z	-6.418	-6.418	0 %100
147	M176	X	0	0	0 %100
148	M176	Z	0	0	0 %100
149	M177	X	-3.706	-3.706	0 %100
150	M177	Z	-6.418	-6.418	0 %100
151	MP5A	X	-4.941	-4.941	0 %100
152	MP5A	Z	-8.558	-8.558	0 %100
153	MP1A	X	-4.941	-4.941	0 %100
154	MP1A	Z	-8.558	-8.558	0 %100
155	MP2A	X	-4.941	-4.941	0 %100
156	MP2A	Z	-8.558	-8.558	0 %100
157	MP3A	X	-4.941	-4.941	0 %100
158	MP3A	Z	-8.558	-8.558	0 %100
159	MP4A	X	-4.941	-4.941	0 %100
160	MP4A	Z	-8.558	-8.558	0 %100
161	MP5C	X	-4.941	-4.941	0 %100
162	MP5C	Z	-8.558	-8.558	0 %100
163	MP1C	X	-4.941	-4.941	0 %100
164	MP1C	Z	-8.558	-8.558	0 %100
165	MP3C	X	-4.941	-4.941	0 %100
166	MP3C	Z	-8.558	-8.558	0 %100
167	MP5B	X	-4.941	-4.941	0 %100
168	MP5B	Z	-8.558	-8.558	0 %100
169	MP1B	X	-4.941	-4.941	0 %100
170	MP1B	Z	-8.558	-8.558	0 %100
171	MP3B	X	-4.941	-4.941	0 %100
172	MP3B	Z	-8.558	-8.558	0 %100
173	M211	X	-3.706	-3.706	0 %100
174	M211	Z	-6.418	-6.418	0 %100
175	M215	X	0	0	0 %100
176	M215	Z	0	0	0 %100
177	M219	X	-3.706	-3.706	0 %100
178	M219	Z	-6.418	-6.418	0 %100
179	M222	X	-9.361	-9.361	0 %100
180	M222	Z	-16.214	-16.214	0 %100
181	M223	X	-9.361	-9.361	0 %100
182	M223	Z	-16.214	-16.214	0 %100
183	M226	X	0	0	0 %100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%,]	End Location[ft.%,]
184	M226	Z	0	0	0	%100
185	M227	X	0	0	0	%100
186	M227	Z	0	0	0	%100
187	M230	X	-9.361	-9.361	0	%100
188	M230	Z	-16.214	-16.214	0	%100
189	M231	X	-9.361	-9.361	0	%100
190	M231	Z	-16.214	-16.214	0	%100
191	M238	X	0	0	0	%100
192	M238	Z	0	0	0	%100
193	M239	X	-4.427	-4.427	0	%100
194	M239	Z	-7.668	-7.668	0	%100
195	M240	X	-4.427	-4.427	0	%100
196	M240	Z	-7.668	-7.668	0	%100
197	OVP	X	-4.941	-4.941	0	%100
198	OVP	Z	-8.558	-8.558	0	%100
199	MP2C	X	-4.941	-4.941	0	%100
200	MP2C	Z	-8.558	-8.558	0	%100
201	MP4C	X	-4.941	-4.941	0	%100
202	MP4C	Z	-8.558	-8.558	0	%100
203	MP2B	X	-4.941	-4.941	0	%100
204	MP2B	Z	-8.558	-8.558	0	%100
205	MP4B	X	-4.941	-4.941	0	%100
206	MP4B	Z	-8.558	-8.558	0	%100
207	M243A	X	-7.516	-7.516	0	%100
208	M243A	Z	-13.018	-13.018	0	%100
209	M244A	X	-.748	-.748	0	%100
210	M244A	Z	-1.296	-1.296	0	%100
211	M245A	X	-3.521	-3.521	0	%100
212	M245A	Z	-6.098	-6.098	0	%100
213	M246A	X	-3.521	-3.521	0	%100
214	M246A	Z	-6.098	-6.098	0	%100
215	M247A	X	-.748	-.748	0	%100
216	M247A	Z	-1.296	-1.296	0	%100
217	M248A	X	-7.516	-7.516	0	%100
218	M248A	Z	-13.018	-13.018	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%,]	End Location[ft.%,]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M5	X	0	0	0	%100
6	M5	Z	0	0	0	%100
7	M18	X	0	0	0	%100
8	M18	Z	-2.759	-2.759	0	%100
9	M19	X	0	0	0	%100
10	M19	Z	-.741	-.741	0	%100
11	M20	X	0	0	0	%100
12	M20	Z	-.741	-.741	0	%100
13	M21	X	0	0	0	%100
14	M21	Z	-3.315	-3.315	0	%100
15	M22	X	0	0	0	%100
16	M22	Z	-2.759	-2.759	0	%100
17	M28	X	0	0	0	%100
18	M28	Z	-1.344	-1.344	0	%100



Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
 1:35 PM  
 Checked By: \_\_\_\_\_

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

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.-%]	End Location[ft.-%]
19	M29	X	0	0	%100
20	M29	Z	-1.344	-1.344	%100
21	M27A	X	0	0	%100
22	M27A	Z	-.741	-.741	%100
23	M28A	X	0	0	%100
24	M28A	Z	-.741	-.741	%100
25	M29A	X	0	0	%100
26	M29A	Z	-3.315	-3.315	%100
27	M44	X	0	0	%100
28	M44	Z	-7.205	-7.205	%100
29	M47	X	0	0	%100
30	M47	Z	-1.507	-1.507	%100
31	M48	X	0	0	%100
32	M48	Z	-1.507	-1.507	%100
33	M51	X	0	0	%100
34	M51	Z	-4.022	-4.022	%100
35	M52	X	0	0	%100
36	M52	Z	-2.47	-2.47	%100
37	M55	X	0	0	%100
38	M55	Z	-4.042	-4.042	%100
39	M56	X	0	0	%100
40	M56	Z	-4.042	-4.042	%100
41	M69	X	0	0	%100
42	M69	Z	-.69	-.69	%100
43	M70	X	0	0	%100
44	M70	Z	-2.963	-2.963	%100
45	M71	X	0	0	%100
46	M71	Z	-.741	-.741	%100
47	M72	X	0	0	%100
48	M72	Z	-.829	-.829	%100
49	M73	X	0	0	%100
50	M73	Z	-.69	-.69	%100
51	M76	X	0	0	%100
52	M76	Z	-5.376	-5.376	%100
53	M77	X	0	0	%100
54	M77	Z	-1.344	-1.344	%100
55	M78	X	0	0	%100
56	M78	Z	-2.963	-2.963	%100
57	M79	X	0	0	%100
58	M79	Z	-.741	-.741	%100
59	M80	X	0	0	%100
60	M80	Z	-.829	-.829	%100
61	M95	X	0	0	%100
62	M95	Z	-5.841	-5.841	%100
63	M98	X	0	0	%100
64	M98	Z	-3.113	-3.113	%100
65	M99	X	0	0	%100
66	M99	Z	-3.113	-3.113	%100
67	M102	X	0	0	%100
68	M102	Z	-1.006	-1.006	%100
69	M103	X	0	0	%100
70	M103	Z	-2.47	-2.47	%100
71	M106	X	0	0	%100
72	M106	Z	-4.042	-4.042	%100
73	M107	X	0	0	%100
74	M107	Z	-4.042	-4.042	%100
75	M120	X	0	0	%100



Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
 1:35 PM  
 Checked By: \_\_\_\_\_

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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
76	M120	Z	-69	-69	0 %100
77	M121	X	0	0	0 %100
78	M121	Z	-741	-741	0 %100
79	M122	X	0	0	0 %100
80	M122	Z	-2.963	-2.963	0 %100
81	M123	X	0	0	0 %100
82	M123	Z	-829	-829	0 %100
83	M124	X	0	0	0 %100
84	M124	Z	-69	-69	0 %100
85	M127	X	0	0	0 %100
86	M127	Z	-1.344	-1.344	0 %100
87	M128	X	0	0	0 %100
88	M128	Z	-5.376	-5.376	0 %100
89	M129	X	0	0	0 %100
90	M129	Z	-741	-741	0 %100
91	M130	X	0	0	0 %100
92	M130	Z	-2.963	-2.963	0 %100
93	M131	X	0	0	0 %100
94	M131	Z	-829	-829	0 %100
95	M146	X	0	0	0 %100
96	M146	Z	-5.841	-5.841	0 %100
97	M149	X	0	0	0 %100
98	M149	Z	-3.113	-3.113	0 %100
99	M150	X	0	0	0 %100
100	M150	Z	-3.113	-3.113	0 %100
101	M153	X	0	0	0 %100
102	M153	Z	-1.006	-1.006	0 %100
103	M148A	X	0	0	0 %100
104	M148A	Z	-6.313	-6.313	0 %100
105	M149A	X	0	0	0 %100
106	M149A	Z	-1.578	-1.578	0 %100
107	M150A	X	0	0	0 %100
108	M150A	Z	-1.578	-1.578	0 %100
109	M151A	X	0	0	0 %100
110	M151A	Z	-3.588	-3.588	0 %100
111	M152A	X	0	0	0 %100
112	M152A	Z	0	0	0 %100
113	M154	X	0	0	0 %100
114	M154	Z	-897	-897	0 %100
115	M157	X	0	0	0 %100
116	M157	Z	-897	-897	0 %100
117	M166	X	0	0	0 %100
118	M166	Z	-4.84	-4.84	0 %100
119	M162A	X	0	0	0 %100
120	M162A	Z	0	0	0 %100
121	M163A	X	0	0	0 %100
122	M163A	Z	-4.84	-4.84	0 %100
123	M164A	X	0	0	0 %100
124	M164A	Z	-3.63	-3.63	0 %100
125	M165A	X	0	0	0 %100
126	M165A	Z	-1.21	-1.21	0 %100
127	M166A	X	0	0	0 %100
128	M166A	Z	-3.63	-3.63	0 %100
129	M167	X	0	0	0 %100
130	M167	Z	-1.21	-1.21	0 %100
131	M168	X	0	0	0 %100
132	M168	Z	-3.63	-3.63	0 %100



Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
 1:35 PM  
 Checked By: \_\_\_\_\_

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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]	
133	M169	X	0	0	0	%100
134	M169	Z	-1.21	-1.21	0	%100
135	M170	X	0	0	0	%100
136	M170	Z	-3.63	-3.63	0	%100
137	M171	X	0	0	0	%100
138	M171	Z	-1.21	-1.21	0	%100
139	M172	X	0	0	0	%100
140	M172	Z	-3.334	-3.334	0	%100
141	M173	X	0	0	0	%100
142	M173	Z	-0.834	-0.834	0	%100
143	M174	X	0	0	0	%100
144	M174	Z	-0.834	-0.834	0	%100
145	M175	X	0	0	0	%100
146	M175	Z	-3.588	-3.588	0	%100
147	M176	X	0	0	0	%100
148	M176	Z	-0.897	-0.897	0	%100
149	M177	X	0	0	0	%100
150	M177	Z	-0.897	-0.897	0	%100
151	MP5A	X	0	0	0	%100
152	MP5A	Z	-3.588	-3.588	0	%100
153	MP1A	X	0	0	0	%100
154	MP1A	Z	-3.588	-3.588	0	%100
155	MP2A	X	0	0	0	%100
156	MP2A	Z	-3.588	-3.588	0	%100
157	MP3A	X	0	0	0	%100
158	MP3A	Z	-3.588	-3.588	0	%100
159	MP4A	X	0	0	0	%100
160	MP4A	Z	-3.588	-3.588	0	%100
161	MP5C	X	0	0	0	%100
162	MP5C	Z	-3.588	-3.588	0	%100
163	MP1C	X	0	0	0	%100
164	MP1C	Z	-3.588	-3.588	0	%100
165	MP3C	X	0	0	0	%100
166	MP3C	Z	-3.588	-3.588	0	%100
167	MP5B	X	0	0	0	%100
168	MP5B	Z	-3.588	-3.588	0	%100
169	MP1B	X	0	0	0	%100
170	MP1B	Z	-3.588	-3.588	0	%100
171	MP3B	X	0	0	0	%100
172	MP3B	Z	-3.588	-3.588	0	%100
173	M211	X	0	0	0	%100
174	M211	Z	-3.588	-3.588	0	%100
175	M215	X	0	0	0	%100
176	M215	Z	-0.897	-0.897	0	%100
177	M219	X	0	0	0	%100
178	M219	Z	-0.897	-0.897	0	%100
179	M222	X	0	0	0	%100
180	M222	Z	-5.599	-5.599	0	%100
181	M223	X	0	0	0	%100
182	M223	Z	-5.599	-5.599	0	%100
183	M226	X	0	0	0	%100
184	M226	Z	-1.4	-1.4	0	%100
185	M227	X	0	0	0	%100
186	M227	Z	-1.4	-1.4	0	%100
187	M230	X	0	0	0	%100
188	M230	Z	-1.4	-1.4	0	%100
189	M231	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%]	End Location[ft.%]
190	M231	Z	-1.4	-1.4	0	%100
191	M238	X	0	0	0	%100
192	M238	Z	-.833	-.833	0	%100
193	M239	X	0	0	0	%100
194	M239	Z	-.833	-.833	0	%100
195	M240	X	0	0	0	%100
196	M240	Z	-3.33	-3.33	0	%100
197	OVP	X	0	0	0	%100
198	OVP	Z	-3.588	-3.588	0	%100
199	MP2C	X	0	0	0	%100
200	MP2C	Z	-3.588	-3.588	0	%100
201	MP4C	X	0	0	0	%100
202	MP4C	Z	-3.588	-3.588	0	%100
203	MP2B	X	0	0	0	%100
204	MP2B	Z	-3.588	-3.588	0	%100
205	MP4B	X	0	0	0	%100
206	MP4B	Z	-3.588	-3.588	0	%100
207	M243A	X	0	0	0	%100
208	M243A	Z	-2.489	-2.489	0	%100
209	M244A	X	0	0	0	%100
210	M244A	Z	-2.489	-2.489	0	%100
211	M245A	X	0	0	0	%100
212	M245A	Z	-4.08	-4.08	0	%100
213	M246A	X	0	0	0	%100
214	M246A	Z	-.196	-.196	0	%100
215	M247A	X	0	0	0	%100
216	M247A	Z	-.196	-.196	0	%100
217	M248A	X	0	0	0	%100
218	M248A	Z	-4.08	-4.08	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	.412	.412	0	%100
2	M1	Z	-.713	-.713	0	%100
3	M4	X	.674	.674	0	%100
4	M4	Z	-1.167	-1.167	0	%100
5	M5	X	.674	.674	0	%100
6	M5	Z	-1.167	-1.167	0	%100
7	M18	X	1.035	1.035	0	%100
8	M18	Z	-1.792	-1.792	0	%100
9	M19	X	0	0	0	%100
10	M19	Z	0	0	0	%100
11	M20	X	1.111	1.111	0	%100
12	M20	Z	-1.924	-1.924	0	%100
13	M21	X	1.243	1.243	0	%100
14	M21	Z	-2.153	-2.153	0	%100
15	M22	X	1.035	1.035	0	%100
16	M22	Z	-1.792	-1.792	0	%100
17	M28	X	0	0	0	%100
18	M28	Z	0	0	0	%100
19	M29	X	2.016	2.016	0	%100
20	M29	Z	-3.492	-3.492	0	%100
21	M27A	X	0	0	0	%100
22	M27A	Z	0	0	0	%100
23	M28A	X	1.111	1.111	0	%100
24	M28A	Z	-1.924	-1.924	0	%100



Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
 1:35 PM  
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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, %]
25	M29A	X	1.243	1.243	0 %100
26	M29A	Z	-2.153	-2.153	0 %100
27	M44	X	2.921	2.921	0 %100
28	M44	Z	-5.059	-5.059	0 %100
29	M47	X	1.951	1.951	0 %100
30	M47	Z	-3.379	-3.379	0 %100
31	M48	X	1.951	1.951	0 %100
32	M48	Z	-3.379	-3.379	0 %100
33	M51	X	1.508	1.508	0 %100
34	M51	Z	-2.613	-2.613	0 %100
35	M52	X	.412	.412	0 %100
36	M52	Z	-.713	-.713	0 %100
37	M55	X	.674	.674	0 %100
38	M55	Z	-1.167	-1.167	0 %100
39	M56	X	.674	.674	0 %100
40	M56	Z	-1.167	-1.167	0 %100
41	M69	X	1.035	1.035	0 %100
42	M69	Z	-1.792	-1.792	0 %100
43	M70	X	1.111	1.111	0 %100
44	M70	Z	-1.924	-1.924	0 %100
45	M71	X	0	0	0 %100
46	M71	Z	0	0	0 %100
47	M72	X	1.243	1.243	0 %100
48	M72	Z	-2.153	-2.153	0 %100
49	M73	X	1.035	1.035	0 %100
50	M73	Z	-1.792	-1.792	0 %100
51	M76	X	2.016	2.016	0 %100
52	M76	Z	-3.492	-3.492	0 %100
53	M77	X	0	0	0 %100
54	M77	Z	0	0	0 %100
55	M78	X	1.111	1.111	0 %100
56	M78	Z	-1.924	-1.924	0 %100
57	M79	X	0	0	0 %100
58	M79	Z	0	0	0 %100
59	M80	X	1.243	1.243	0 %100
60	M80	Z	-2.153	-2.153	0 %100
61	M95	X	1.557	1.557	0 %100
62	M95	Z	-2.696	-2.696	0 %100
63	M98	X	2.921	2.921	0 %100
64	M98	Z	-5.059	-5.059	0 %100
65	M99	X	2.921	2.921	0 %100
66	M99	Z	-5.059	-5.059	0 %100
67	M102	X	1.508	1.508	0 %100
68	M102	Z	-2.613	-2.613	0 %100
69	M103	X	1.647	1.647	0 %100
70	M103	Z	-2.852	-2.852	0 %100
71	M106	X	2.695	2.695	0 %100
72	M106	Z	-4.668	-4.668	0 %100
73	M107	X	2.695	2.695	0 %100
74	M107	Z	-4.668	-4.668	0 %100
75	M120	X	0	0	0 %100
76	M120	Z	0	0	0 %100
77	M121	X	1.111	1.111	0 %100
78	M121	Z	-1.924	-1.924	0 %100
79	M122	X	1.111	1.111	0 %100
80	M122	Z	-1.924	-1.924	0 %100
81	M123	X	0	0	0 %100



Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
 1:35 PM  
 Checked By: \_\_\_\_\_

**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.%]	
82	M123	Z	0	0	0	%100
83	M124	X	0	0	0	%100
84	M124	Z	0	0	0	%100
85	M127	X	2.016	2.016	0	%100
86	M127	Z	-3.492	-3.492	0	%100
87	M128	X	2.016	2.016	0	%100
88	M128	Z	-3.492	-3.492	0	%100
89	M129	X	1.111	1.111	0	%100
90	M129	Z	-1.924	-1.924	0	%100
91	M130	X	1.111	1.111	0	%100
92	M130	Z	-1.924	-1.924	0	%100
93	M131	X	0	0	0	%100
94	M131	Z	0	0	0	%100
95	M146	X	3.603	3.603	0	%100
96	M146	Z	-6.24	-6.24	0	%100
97	M149	X	.875	.875	0	%100
98	M149	Z	-1.515	-1.515	0	%100
99	M150	X	.875	.875	0	%100
100	M150	Z	-1.515	-1.515	0	%100
101	M153	X	0	0	0	%100
102	M153	Z	0	0	0	%100
103	M148A	X	2.368	2.368	0	%100
104	M148A	Z	-4.101	-4.101	0	%100
105	M149A	X	2.368	2.368	0	%100
106	M149A	Z	-4.101	-4.101	0	%100
107	M150A	X	0	0	0	%100
108	M150A	Z	0	0	0	%100
109	M151A	X	1.346	1.346	0	%100
110	M151A	Z	-2.331	-2.331	0	%100
111	M152A	X	.605	.605	0	%100
112	M152A	Z	-1.048	-1.048	0	%100
113	M154	X	1.346	1.346	0	%100
114	M154	Z	-2.331	-2.331	0	%100
115	M157	X	0	0	0	%100
116	M157	Z	0	0	0	%100
117	M166	X	1.815	1.815	0	%100
118	M166	Z	-3.143	-3.143	0	%100
119	M162A	X	.605	.605	0	%100
120	M162A	Z	-1.048	-1.048	0	%100
121	M163A	X	1.815	1.815	0	%100
122	M163A	Z	-3.143	-3.143	0	%100
123	M164A	X	.605	.605	0	%100
124	M164A	Z	-1.048	-1.048	0	%100
125	M165A	X	1.815	1.815	0	%100
126	M165A	Z	-3.143	-3.143	0	%100
127	M166A	X	.605	.605	0	%100
128	M166A	Z	-1.048	-1.048	0	%100
129	M167	X	1.815	1.815	0	%100
130	M167	Z	-3.143	-3.143	0	%100
131	M168	X	2.42	2.42	0	%100
132	M168	Z	-4.191	-4.191	0	%100
133	M169	X	0	0	0	%100
134	M169	Z	0	0	0	%100
135	M170	X	2.42	2.42	0	%100
136	M170	Z	-4.191	-4.191	0	%100
137	M171	X	0	0	0	%100
138	M171	Z	0	0	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
139	M172	X	1.25	1.25	0 %100
140	M172	Z	-2.166	-2.166	0 %100
141	M173	X	1.25	1.25	0 %100
142	M173	Z	-2.166	-2.166	0 %100
143	M174	X	0	0	0 %100
144	M174	Z	0	0	0 %100
145	M175	X	1.346	1.346	0 %100
146	M175	Z	-2.331	-2.331	0 %100
147	M176	X	1.346	1.346	0 %100
148	M176	Z	-2.331	-2.331	0 %100
149	M177	X	0	0	0 %100
150	M177	Z	0	0	0 %100
151	MP5A	X	1.794	1.794	0 %100
152	MP5A	Z	-3.107	-3.107	0 %100
153	MP1A	X	1.794	1.794	0 %100
154	MP1A	Z	-3.107	-3.107	0 %100
155	MP2A	X	1.794	1.794	0 %100
156	MP2A	Z	-3.107	-3.107	0 %100
157	MP3A	X	1.794	1.794	0 %100
158	MP3A	Z	-3.107	-3.107	0 %100
159	MP4A	X	1.794	1.794	0 %100
160	MP4A	Z	-3.107	-3.107	0 %100
161	MP5C	X	1.794	1.794	0 %100
162	MP5C	Z	-3.107	-3.107	0 %100
163	MP1C	X	1.794	1.794	0 %100
164	MP1C	Z	-3.107	-3.107	0 %100
165	MP3C	X	1.794	1.794	0 %100
166	MP3C	Z	-3.107	-3.107	0 %100
167	MP5B	X	1.794	1.794	0 %100
168	MP5B	Z	-3.107	-3.107	0 %100
169	MP1B	X	1.794	1.794	0 %100
170	MP1B	Z	-3.107	-3.107	0 %100
171	MP3B	X	1.794	1.794	0 %100
172	MP3B	Z	-3.107	-3.107	0 %100
173	M211	X	1.346	1.346	0 %100
174	M211	Z	-2.331	-2.331	0 %100
175	M215	X	1.346	1.346	0 %100
176	M215	Z	-2.331	-2.331	0 %100
177	M219	X	0	0	0 %100
178	M219	Z	0	0	0 %100
179	M222	X	2.1	2.1	0 %100
180	M222	Z	-3.637	-3.637	0 %100
181	M223	X	2.1	2.1	0 %100
182	M223	Z	-3.637	-3.637	0 %100
183	M226	X	2.1	2.1	0 %100
184	M226	Z	-3.637	-3.637	0 %100
185	M227	X	2.1	2.1	0 %100
186	M227	Z	-3.637	-3.637	0 %100
187	M230	X	0	0	0 %100
188	M230	Z	0	0	0 %100
189	M231	X	0	0	0 %100
190	M231	Z	0	0	0 %100
191	M238	X	1.249	1.249	0 %100
192	M238	Z	-2.163	-2.163	0 %100
193	M239	X	0	0	0 %100
194	M239	Z	0	0	0 %100
195	M240	X	1.249	1.249	0 %100



Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
 1:35 PM  
 Checked By: \_\_\_\_\_

**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.%,]
196	M240	Z	-2.163	-2.163	0	%100
197	OVP	X	1.794	1.794	0	%100
198	OVP	Z	-3.107	-3.107	0	%100
199	MP2C	X	1.794	1.794	0	%100
200	MP2C	Z	-3.107	-3.107	0	%100
201	MP4C	X	1.794	1.794	0	%100
202	MP4C	Z	-3.107	-3.107	0	%100
203	MP2B	X	1.794	1.794	0	%100
204	MP2B	Z	-3.107	-3.107	0	%100
205	MP4B	X	1.794	1.794	0	%100
206	MP4B	Z	-3.107	-3.107	0	%100
207	M243A	X	.215	.215	0	%100
208	M243A	Z	-.372	-.372	0	%100
209	M244A	X	2.157	2.157	0	%100
210	M244A	Z	-3.736	-3.736	0	%100
211	M245A	X	2.157	2.157	0	%100
212	M245A	Z	-3.736	-3.736	0	%100
213	M246A	X	.215	.215	0	%100
214	M246A	Z	-.372	-.372	0	%100
215	M247A	X	1.01	1.01	0	%100
216	M247A	Z	-1.75	-1.75	0	%100
217	M248A	X	1.01	1.01	0	%100
218	M248A	Z	-1.75	-1.75	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	2.139	2.139	0	%100
2	M1	Z	-1.235	-1.235	0	%100
3	M4	X	3.501	3.501	0	%100
4	M4	Z	-2.021	-2.021	0	%100
5	M5	X	3.501	3.501	0	%100
6	M5	Z	-2.021	-2.021	0	%100
7	M18	X	.597	.597	0	%100
8	M18	Z	-.345	-.345	0	%100
9	M19	X	.641	.641	0	%100
10	M19	Z	-.37	-.37	0	%100
11	M20	X	2.566	2.566	0	%100
12	M20	Z	-1.481	-1.481	0	%100
13	M21	X	.718	.718	0	%100
14	M21	Z	-.414	-.414	0	%100
15	M22	X	.597	.597	0	%100
16	M22	Z	-.345	-.345	0	%100
17	M28	X	1.164	1.164	0	%100
18	M28	Z	-.672	-.672	0	%100
19	M29	X	4.656	4.656	0	%100
20	M29	Z	-2.688	-2.688	0	%100
21	M27A	X	.641	.641	0	%100
22	M27A	Z	-.37	-.37	0	%100
23	M28A	X	2.566	2.566	0	%100
24	M28A	Z	-1.481	-1.481	0	%100
25	M29A	X	.718	.718	0	%100
26	M29A	Z	-.414	-.414	0	%100
27	M44	X	2.696	2.696	0	%100
28	M44	Z	-1.557	-1.557	0	%100
29	M47	X	7.529	7.529	0	%100
30	M47	Z	-4.347	-4.347	0	%100



Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
 1:35 PM  
 Checked By: \_\_\_\_\_

**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.%,]
31	M48	X	7.529	7.529	0 %100
32	M48	Z	-4.347	-4.347	0 %100
33	M51	X	.871	.871	0 %100
34	M51	Z	-.503	-.503	0 %100
35	M52	X	0	0	0 %100
36	M52	Z	0	0	0 %100
37	M55	X	0	0	0 %100
38	M55	Z	0	0	0 %100
39	M56	X	0	0	0 %100
40	M56	Z	0	0	0 %100
41	M69	X	2.389	2.389	0 %100
42	M69	Z	-1.379	-1.379	0 %100
43	M70	X	.641	.641	0 %100
44	M70	Z	-.37	-.37	0 %100
45	M71	X	.641	.641	0 %100
46	M71	Z	-.37	-.37	0 %100
47	M72	X	2.871	2.871	0 %100
48	M72	Z	-1.657	-1.657	0 %100
49	M73	X	2.389	2.389	0 %100
50	M73	Z	-1.379	-1.379	0 %100
51	M76	X	1.164	1.164	0 %100
52	M76	Z	-.672	-.672	0 %100
53	M77	X	1.164	1.164	0 %100
54	M77	Z	-.672	-.672	0 %100
55	M78	X	.641	.641	0 %100
56	M78	Z	-.37	-.37	0 %100
57	M79	X	.641	.641	0 %100
58	M79	Z	-.37	-.37	0 %100
59	M80	X	2.871	2.871	0 %100
60	M80	Z	-1.657	-1.657	0 %100
61	M95	X	1.515	1.515	0 %100
62	M95	Z	-.875	-.875	0 %100
63	M98	X	6.24	6.24	0 %100
64	M98	Z	-3.603	-3.603	0 %100
65	M99	X	6.24	6.24	0 %100
66	M99	Z	-3.603	-3.603	0 %100
67	M102	X	3.484	3.484	0 %100
68	M102	Z	-2.011	-2.011	0 %100
69	M103	X	2.139	2.139	0 %100
70	M103	Z	-1.235	-1.235	0 %100
71	M106	X	3.501	3.501	0 %100
72	M106	Z	-2.021	-2.021	0 %100
73	M107	X	3.501	3.501	0 %100
74	M107	Z	-2.021	-2.021	0 %100
75	M120	X	.597	.597	0 %100
76	M120	Z	-.345	-.345	0 %100
77	M121	X	2.566	2.566	0 %100
78	M121	Z	-1.481	-1.481	0 %100
79	M122	X	.641	.641	0 %100
80	M122	Z	-.37	-.37	0 %100
81	M123	X	.718	.718	0 %100
82	M123	Z	-.414	-.414	0 %100
83	M124	X	.597	.597	0 %100
84	M124	Z	-.345	-.345	0 %100
85	M127	X	4.656	4.656	0 %100
86	M127	Z	-2.688	-2.688	0 %100
87	M128	X	1.164	1.164	0 %100

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

Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft.F...]	Start Location[ft.%]	End Location[ft.%]
88	M128	Z	- .672	- .672	0 %100
89	M129	X	2.566	2.566	0 %100
90	M129	Z	-1.481	-1.481	0 %100
91	M130	X	.641	.641	0 %100
92	M130	Z	-.37	-.37	0 %100
93	M131	X	.718	.718	0 %100
94	M131	Z	-.414	-.414	0 %100
95	M146	X	5.059	5.059	0 %100
96	M146	Z	-2.921	-2.921	0 %100
97	M149	X	2.696	2.696	0 %100
98	M149	Z	-1.557	-1.557	0 %100
99	M150	X	2.696	2.696	0 %100
100	M150	Z	-1.557	-1.557	0 %100
101	M153	X	.871	.871	0 %100
102	M153	Z	-.503	-.503	0 %100
103	M148A	X	1.367	1.367	0 %100
104	M148A	Z	-.789	-.789	0 %100
105	M149A	X	5.468	5.468	0 %100
106	M149A	Z	-3.157	-3.157	0 %100
107	M150A	X	1.367	1.367	0 %100
108	M150A	Z	-.789	-.789	0 %100
109	M151A	X	.777	.777	0 %100
110	M151A	Z	-.449	-.449	0 %100
111	M152A	X	3.143	3.143	0 %100
112	M152A	Z	-1.815	-1.815	0 %100
113	M154	X	3.107	3.107	0 %100
114	M154	Z	-1.794	-1.794	0 %100
115	M157	X	.777	.777	0 %100
116	M157	Z	-.449	-.449	0 %100
117	M166	X	1.048	1.048	0 %100
118	M166	Z	-.605	-.605	0 %100
119	M162A	X	3.143	3.143	0 %100
120	M162A	Z	-1.815	-1.815	0 %100
121	M163A	X	1.048	1.048	0 %100
122	M163A	Z	-.605	-.605	0 %100
123	M164A	X	0	0	0 %100
124	M164A	Z	0	0	0 %100
125	M165A	X	4.191	4.191	0 %100
126	M165A	Z	-2.42	-2.42	0 %100
127	M166A	X	0	0	0 %100
128	M166A	Z	0	0	0 %100
129	M167	X	4.191	4.191	0 %100
130	M167	Z	-2.42	-2.42	0 %100
131	M168	X	3.143	3.143	0 %100
132	M168	Z	-1.815	-1.815	0 %100
133	M169	X	1.048	1.048	0 %100
134	M169	Z	-.605	-.605	0 %100
135	M170	X	3.143	3.143	0 %100
136	M170	Z	-1.815	-1.815	0 %100
137	M171	X	1.048	1.048	0 %100
138	M171	Z	-.605	-.605	0 %100
139	M172	X	.722	.722	0 %100
140	M172	Z	-.417	-.417	0 %100
141	M173	X	2.887	2.887	0 %100
142	M173	Z	-1.667	-1.667	0 %100
143	M174	X	.722	.722	0 %100
144	M174	Z	-.417	-.417	0 %100



Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
 1:35 PM  
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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.%]
145	M175	X	.777	.777	0 %100
146	M175	Z	-.449	-.449	0 %100
147	M176	X	3.107	3.107	0 %100
148	M176	Z	-1.794	-1.794	0 %100
149	M177	X	.777	.777	0 %100
150	M177	Z	-.449	-.449	0 %100
151	MP5A	X	3.107	3.107	0 %100
152	MP5A	Z	-1.794	-1.794	0 %100
153	MP1A	X	3.107	3.107	0 %100
154	MP1A	Z	-1.794	-1.794	0 %100
155	MP2A	X	3.107	3.107	0 %100
156	MP2A	Z	-1.794	-1.794	0 %100
157	MP3A	X	3.107	3.107	0 %100
158	MP3A	Z	-1.794	-1.794	0 %100
159	MP4A	X	3.107	3.107	0 %100
160	MP4A	Z	-1.794	-1.794	0 %100
161	MP5C	X	3.107	3.107	0 %100
162	MP5C	Z	-1.794	-1.794	0 %100
163	MP1C	X	3.107	3.107	0 %100
164	MP1C	Z	-1.794	-1.794	0 %100
165	MP3C	X	3.107	3.107	0 %100
166	MP3C	Z	-1.794	-1.794	0 %100
167	MP5B	X	3.107	3.107	0 %100
168	MP5B	Z	-1.794	-1.794	0 %100
169	MP1B	X	3.107	3.107	0 %100
170	MP1B	Z	-1.794	-1.794	0 %100
171	MP3B	X	3.107	3.107	0 %100
172	MP3B	Z	-1.794	-1.794	0 %100
173	M211	X	.777	.777	0 %100
174	M211	Z	-.449	-.449	0 %100
175	M215	X	3.107	3.107	0 %100
176	M215	Z	-1.794	-1.794	0 %100
177	M219	X	.777	.777	0 %100
178	M219	Z	-.449	-.449	0 %100
179	M222	X	1.212	1.212	0 %100
180	M222	Z	-.7	-.7	0 %100
181	M223	X	1.212	1.212	0 %100
182	M223	Z	-.7	-.7	0 %100
183	M226	X	4.849	4.849	0 %100
184	M226	Z	-2.8	-2.8	0 %100
185	M227	X	4.849	4.849	0 %100
186	M227	Z	-2.8	-2.8	0 %100
187	M230	X	1.212	1.212	0 %100
188	M230	Z	-.7	-.7	0 %100
189	M231	X	1.212	1.212	0 %100
190	M231	Z	-.7	-.7	0 %100
191	M238	X	2.884	2.884	0 %100
192	M238	Z	-1.665	-1.665	0 %100
193	M239	X	.721	.721	0 %100
194	M239	Z	-.416	-.416	0 %100
195	M240	X	.721	.721	0 %100
196	M240	Z	-.416	-.416	0 %100
197	OVP	X	3.107	3.107	0 %100
198	OVP	Z	-1.794	-1.794	0 %100
199	MP2C	X	3.107	3.107	0 %100
200	MP2C	Z	-1.794	-1.794	0 %100
201	MP4C	X	3.107	3.107	0 %100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
202	MP4C	Z	-1.794	-1.794	0	%100
203	MP2B	X	3.107	3.107	0	%100
204	MP2B	Z	-1.794	-1.794	0	%100
205	MP4B	X	3.107	3.107	0	%100
206	MP4B	Z	-1.794	-1.794	0	%100
207	M243A	X	.169	.169	0	%100
208	M243A	Z	-.098	-.098	0	%100
209	M244A	X	3.533	3.533	0	%100
210	M244A	Z	-2.04	-2.04	0	%100
211	M245A	X	2.155	2.155	0	%100
212	M245A	Z	-1.244	-1.244	0	%100
213	M246A	X	2.155	2.155	0	%100
214	M246A	Z	-1.244	-1.244	0	%100
215	M247A	X	3.533	3.533	0	%100
216	M247A	Z	-2.04	-2.04	0	%100
217	M248A	X	.169	.169	0	%100
218	M248A	Z	-.098	-.098	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	3.294	3.294	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	5.39	5.39	0	%100
4	M4	Z	0	0	0	%100
5	M5	X	5.39	5.39	0	%100
6	M5	Z	0	0	0	%100
7	M18	X	0	0	0	%100
8	M18	Z	0	0	0	%100
9	M19	X	2.222	2.222	0	%100
10	M19	Z	0	0	0	%100
11	M20	X	2.222	2.222	0	%100
12	M20	Z	0	0	0	%100
13	M21	X	0	0	0	%100
14	M21	Z	0	0	0	%100
15	M22	X	0	0	0	%100
16	M22	Z	0	0	0	%100
17	M28	X	4.032	4.032	0	%100
18	M28	Z	0	0	0	%100
19	M29	X	4.032	4.032	0	%100
20	M29	Z	0	0	0	%100
21	M27A	X	2.222	2.222	0	%100
22	M27A	Z	0	0	0	%100
23	M28A	X	2.222	2.222	0	%100
24	M28A	Z	0	0	0	%100
25	M29A	X	0	0	0	%100
26	M29A	Z	0	0	0	%100
27	M44	X	1.749	1.749	0	%100
28	M44	Z	0	0	0	%100
29	M47	X	11.089	11.089	0	%100
30	M47	Z	0	0	0	%100
31	M48	X	11.089	11.089	0	%100
32	M48	Z	0	0	0	%100
33	M51	X	0	0	0	%100
34	M51	Z	0	0	0	%100
35	M52	X	.823	.823	0	%100
36	M52	Z	0	0	0	%100

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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
37	M55	X	1.347	1.347	0 %100
38	M55	Z	0	0	0 %100
39	M56	X	1.347	1.347	0 %100
40	M56	Z	0	0	0 %100
41	M69	X	2.069	2.069	0 %100
42	M69	Z	0	0	0 %100
43	M70	X	0	0	0 %100
44	M70	Z	0	0	0 %100
45	M71	X	2.222	2.222	0 %100
46	M71	Z	0	0	0 %100
47	M72	X	2.486	2.486	0 %100
48	M72	Z	0	0	0 %100
49	M73	X	2.069	2.069	0 %100
50	M73	Z	0	0	0 %100
51	M76	X	0	0	0 %100
52	M76	Z	0	0	0 %100
53	M77	X	4.032	4.032	0 %100
54	M77	Z	0	0	0 %100
55	M78	X	0	0	0 %100
56	M78	Z	0	0	0 %100
57	M79	X	2.222	2.222	0 %100
58	M79	Z	0	0	0 %100
59	M80	X	2.486	2.486	0 %100
60	M80	Z	0	0	0 %100
61	M95	X	3.113	3.113	0 %100
62	M95	Z	0	0	0 %100
63	M98	X	5.841	5.841	0 %100
64	M98	Z	0	0	0 %100
65	M99	X	5.841	5.841	0 %100
66	M99	Z	0	0	0 %100
67	M102	X	3.017	3.017	0 %100
68	M102	Z	0	0	0 %100
69	M103	X	.823	.823	0 %100
70	M103	Z	0	0	0 %100
71	M106	X	1.347	1.347	0 %100
72	M106	Z	0	0	0 %100
73	M107	X	1.347	1.347	0 %100
74	M107	Z	0	0	0 %100
75	M120	X	2.069	2.069	0 %100
76	M120	Z	0	0	0 %100
77	M121	X	2.222	2.222	0 %100
78	M121	Z	0	0	0 %100
79	M122	X	0	0	0 %100
80	M122	Z	0	0	0 %100
81	M123	X	2.486	2.486	0 %100
82	M123	Z	0	0	0 %100
83	M124	X	2.069	2.069	0 %100
84	M124	Z	0	0	0 %100
85	M127	X	4.032	4.032	0 %100
86	M127	Z	0	0	0 %100
87	M128	X	0	0	0 %100
88	M128	Z	0	0	0 %100
89	M129	X	2.222	2.222	0 %100
90	M129	Z	0	0	0 %100
91	M130	X	0	0	0 %100
92	M130	Z	0	0	0 %100
93	M131	X	2.486	2.486	0 %100



Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
 1:35 PM  
 Checked By: \_\_\_\_\_

**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.%]
94	M131	Z	0	0	0	%100
95	M146	X	3.113	3.113	0	%100
96	M146	Z	0	0	0	%100
97	M149	X	5.841	5.841	0	%100
98	M149	Z	0	0	0	%100
99	M150	X	5.841	5.841	0	%100
100	M150	Z	0	0	0	%100
101	M153	X	3.017	3.017	0	%100
102	M153	Z	0	0	0	%100
103	M148A	X	0	0	0	%100
104	M148A	Z	0	0	0	%100
105	M149A	X	4.735	4.735	0	%100
106	M149A	Z	0	0	0	%100
107	M150A	X	4.735	4.735	0	%100
108	M150A	Z	0	0	0	%100
109	M151A	X	0	0	0	%100
110	M151A	Z	0	0	0	%100
111	M152A	X	4.84	4.84	0	%100
112	M152A	Z	0	0	0	%100
113	M154	X	2.691	2.691	0	%100
114	M154	Z	0	0	0	%100
115	M157	X	2.691	2.691	0	%100
116	M157	Z	0	0	0	%100
117	M166	X	0	0	0	%100
118	M166	Z	0	0	0	%100
119	M162A	X	4.84	4.84	0	%100
120	M162A	Z	0	0	0	%100
121	M163A	X	0	0	0	%100
122	M163A	Z	0	0	0	%100
123	M164A	X	1.21	1.21	0	%100
124	M164A	Z	0	0	0	%100
125	M165A	X	3.63	3.63	0	%100
126	M165A	Z	0	0	0	%100
127	M166A	X	1.21	1.21	0	%100
128	M166A	Z	0	0	0	%100
129	M167	X	3.63	3.63	0	%100
130	M167	Z	0	0	0	%100
131	M168	X	1.21	1.21	0	%100
132	M168	Z	0	0	0	%100
133	M169	X	3.63	3.63	0	%100
134	M169	Z	0	0	0	%100
135	M170	X	1.21	1.21	0	%100
136	M170	Z	0	0	0	%100
137	M171	X	3.63	3.63	0	%100
138	M171	Z	0	0	0	%100
139	M172	X	0	0	0	%100
140	M172	Z	0	0	0	%100
141	M173	X	2.501	2.501	0	%100
142	M173	Z	0	0	0	%100
143	M174	X	2.501	2.501	0	%100
144	M174	Z	0	0	0	%100
145	M175	X	0	0	0	%100
146	M175	Z	0	0	0	%100
147	M176	X	2.691	2.691	0	%100
148	M176	Z	0	0	0	%100
149	M177	X	2.691	2.691	0	%100
150	M177	Z	0	0	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
151	MP5A	X	3.588	3.588	0 %100
152	MP5A	Z	0	0	0 %100
153	MP1A	X	3.588	3.588	0 %100
154	MP1A	Z	0	0	0 %100
155	MP2A	X	3.588	3.588	0 %100
156	MP2A	Z	0	0	0 %100
157	MP3A	X	3.588	3.588	0 %100
158	MP3A	Z	0	0	0 %100
159	MP4A	X	3.588	3.588	0 %100
160	MP4A	Z	0	0	0 %100
161	MP5C	X	3.588	3.588	0 %100
162	MP5C	Z	0	0	0 %100
163	MP1C	X	3.588	3.588	0 %100
164	MP1C	Z	0	0	0 %100
165	MP3C	X	3.588	3.588	0 %100
166	MP3C	Z	0	0	0 %100
167	MP5B	X	3.588	3.588	0 %100
168	MP5B	Z	0	0	0 %100
169	MP1B	X	3.588	3.588	0 %100
170	MP1B	Z	0	0	0 %100
171	MP3B	X	3.588	3.588	0 %100
172	MP3B	Z	0	0	0 %100
173	M211	X	0	0	0 %100
174	M211	Z	0	0	0 %100
175	M215	X	2.691	2.691	0 %100
176	M215	Z	0	0	0 %100
177	M219	X	2.691	2.691	0 %100
178	M219	Z	0	0	0 %100
179	M222	X	0	0	0 %100
180	M222	Z	0	0	0 %100
181	M223	X	0	0	0 %100
182	M223	Z	0	0	0 %100
183	M226	X	4.2	4.2	0 %100
184	M226	Z	0	0	0 %100
185	M227	X	4.2	4.2	0 %100
186	M227	Z	0	0	0 %100
187	M230	X	4.2	4.2	0 %100
188	M230	Z	0	0	0 %100
189	M231	X	4.2	4.2	0 %100
190	M231	Z	0	0	0 %100
191	M238	X	2.498	2.498	0 %100
192	M238	Z	0	0	0 %100
193	M239	X	2.498	2.498	0 %100
194	M239	Z	0	0	0 %100
195	M240	X	0	0	0 %100
196	M240	Z	0	0	0 %100
197	OVP	X	3.588	3.588	0 %100
198	OVP	Z	0	0	0 %100
199	MP2C	X	3.588	3.588	0 %100
200	MP2C	Z	0	0	0 %100
201	MP4C	X	3.588	3.588	0 %100
202	MP4C	Z	0	0	0 %100
203	MP2B	X	3.588	3.588	0 %100
204	MP2B	Z	0	0	0 %100
205	MP4B	X	3.588	3.588	0 %100
206	MP4B	Z	0	0	0 %100
207	M243A	X	2.021	2.021	0 %100



Company :  
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 Job Number :  
 Model Name :

Dec 1, 2021  
 1:35 PM  
 Checked By: \_\_\_\_\_

**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.%]
208	M243A	Z	0	0	0	%100
209	M244A	X	2.021	2.021	0	%100
210	M244A	Z	0	0	0	%100
211	M245A	X	.43	.43	0	%100
212	M245A	Z	0	0	0	%100
213	M246A	X	4.314	4.314	0	%100
214	M246A	Z	0	0	0	%100
215	M247A	X	4.314	4.314	0	%100
216	M247A	Z	0	0	0	%100
217	M248A	X	.43	.43	0	%100
218	M248A	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	2.139	2.139	0	%100
2	M1	Z	1.235	1.235	0	%100
3	M4	X	3.501	3.501	0	%100
4	M4	Z	2.021	2.021	0	%100
5	M5	X	3.501	3.501	0	%100
6	M5	Z	2.021	2.021	0	%100
7	M18	X	.597	.597	0	%100
8	M18	Z	.345	.345	0	%100
9	M19	X	2.566	2.566	0	%100
10	M19	Z	1.481	1.481	0	%100
11	M20	X	.641	.641	0	%100
12	M20	Z	.37	.37	0	%100
13	M21	X	.718	.718	0	%100
14	M21	Z	.414	.414	0	%100
15	M22	X	.597	.597	0	%100
16	M22	Z	.345	.345	0	%100
17	M28	X	4.656	4.656	0	%100
18	M28	Z	2.688	2.688	0	%100
19	M29	X	1.164	1.164	0	%100
20	M29	Z	.672	.672	0	%100
21	M27A	X	2.566	2.566	0	%100
22	M27A	Z	1.481	1.481	0	%100
23	M28A	X	.641	.641	0	%100
24	M28A	Z	.37	.37	0	%100
25	M29A	X	.718	.718	0	%100
26	M29A	Z	.414	.414	0	%100
27	M44	X	2.696	2.696	0	%100
28	M44	Z	1.557	1.557	0	%100
29	M47	X	7.529	7.529	0	%100
30	M47	Z	4.347	4.347	0	%100
31	M48	X	7.529	7.529	0	%100
32	M48	Z	4.347	4.347	0	%100
33	M51	X	.871	.871	0	%100
34	M51	Z	.503	.503	0	%100
35	M52	X	2.139	2.139	0	%100
36	M52	Z	1.235	1.235	0	%100
37	M55	X	3.501	3.501	0	%100
38	M55	Z	2.021	2.021	0	%100
39	M56	X	3.501	3.501	0	%100
40	M56	Z	2.021	2.021	0	%100
41	M69	X	.597	.597	0	%100
42	M69	Z	.345	.345	0	%100



Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
 1:35 PM  
 Checked By: \_\_\_\_\_

**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, %]
43	M70	X	.641	.641	0 %100
44	M70	Z	.37	.37	0 %100
45	M71	X	2.566	2.566	0 %100
46	M71	Z	1.481	1.481	0 %100
47	M72	X	.718	.718	0 %100
48	M72	Z	.414	.414	0 %100
49	M73	X	.597	.597	0 %100
50	M73	Z	.345	.345	0 %100
51	M76	X	1.164	1.164	0 %100
52	M76	Z	.672	.672	0 %100
53	M77	X	4.656	4.656	0 %100
54	M77	Z	2.688	2.688	0 %100
55	M78	X	.641	.641	0 %100
56	M78	Z	.37	.37	0 %100
57	M79	X	2.566	2.566	0 %100
58	M79	Z	1.481	1.481	0 %100
59	M80	X	.718	.718	0 %100
60	M80	Z	.414	.414	0 %100
61	M95	X	5.059	5.059	0 %100
62	M95	Z	2.921	2.921	0 %100
63	M98	X	2.696	2.696	0 %100
64	M98	Z	1.557	1.557	0 %100
65	M99	X	2.696	2.696	0 %100
66	M99	Z	1.557	1.557	0 %100
67	M102	X	.871	.871	0 %100
68	M102	Z	.503	.503	0 %100
69	M103	X	0	0	0 %100
70	M103	Z	0	0	0 %100
71	M106	X	0	0	0 %100
72	M106	Z	0	0	0 %100
73	M107	X	0	0	0 %100
74	M107	Z	0	0	0 %100
75	M120	X	2.389	2.389	0 %100
76	M120	Z	1.379	1.379	0 %100
77	M121	X	.641	.641	0 %100
78	M121	Z	.37	.37	0 %100
79	M122	X	.641	.641	0 %100
80	M122	Z	.37	.37	0 %100
81	M123	X	2.871	2.871	0 %100
82	M123	Z	1.657	1.657	0 %100
83	M124	X	2.389	2.389	0 %100
84	M124	Z	1.379	1.379	0 %100
85	M127	X	1.164	1.164	0 %100
86	M127	Z	.672	.672	0 %100
87	M128	X	1.164	1.164	0 %100
88	M128	Z	.672	.672	0 %100
89	M129	X	.641	.641	0 %100
90	M129	Z	.37	.37	0 %100
91	M130	X	.641	.641	0 %100
92	M130	Z	.37	.37	0 %100
93	M131	X	2.871	2.871	0 %100
94	M131	Z	1.657	1.657	0 %100
95	M146	X	1.515	1.515	0 %100
96	M146	Z	.875	.875	0 %100
97	M149	X	6.24	6.24	0 %100
98	M149	Z	3.603	3.603	0 %100
99	M150	X	6.24	6.24	0 %100



Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
 1:35 PM  
 Checked By: \_\_\_\_\_

**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, %]
100	M150	Z	3.603	3.603	0 %100
101	M153	X	3.484	3.484	0 %100
102	M153	Z	2.011	2.011	0 %100
103	M148A	X	1.367	1.367	0 %100
104	M148A	Z	.789	.789	0 %100
105	M149A	X	1.367	1.367	0 %100
106	M149A	Z	.789	.789	0 %100
107	M150A	X	5.468	5.468	0 %100
108	M150A	Z	3.157	3.157	0 %100
109	M151A	X	.777	.777	0 %100
110	M151A	Z	.449	.449	0 %100
111	M152A	X	3.143	3.143	0 %100
112	M152A	Z	1.815	1.815	0 %100
113	M154	X	.777	.777	0 %100
114	M154	Z	.449	.449	0 %100
115	M157	X	3.107	3.107	0 %100
116	M157	Z	1.794	1.794	0 %100
117	M166	X	1.048	1.048	0 %100
118	M166	Z	.605	.605	0 %100
119	M162A	X	3.143	3.143	0 %100
120	M162A	Z	1.815	1.815	0 %100
121	M163A	X	1.048	1.048	0 %100
122	M163A	Z	.605	.605	0 %100
123	M164A	X	3.143	3.143	0 %100
124	M164A	Z	1.815	1.815	0 %100
125	M165A	X	1.048	1.048	0 %100
126	M165A	Z	.605	.605	0 %100
127	M166A	X	3.143	3.143	0 %100
128	M166A	Z	1.815	1.815	0 %100
129	M167	X	1.048	1.048	0 %100
130	M167	Z	.605	.605	0 %100
131	M168	X	0	0	0 %100
132	M168	Z	0	0	0 %100
133	M169	X	4.191	4.191	0 %100
134	M169	Z	2.42	2.42	0 %100
135	M170	X	0	0	0 %100
136	M170	Z	0	0	0 %100
137	M171	X	4.191	4.191	0 %100
138	M171	Z	2.42	2.42	0 %100
139	M172	X	.722	.722	0 %100
140	M172	Z	.417	.417	0 %100
141	M173	X	.722	.722	0 %100
142	M173	Z	.417	.417	0 %100
143	M174	X	2.887	2.887	0 %100
144	M174	Z	1.667	1.667	0 %100
145	M175	X	.777	.777	0 %100
146	M175	Z	.449	.449	0 %100
147	M176	X	.777	.777	0 %100
148	M176	Z	.449	.449	0 %100
149	M177	X	3.107	3.107	0 %100
150	M177	Z	1.794	1.794	0 %100
151	MP5A	X	3.107	3.107	0 %100
152	MP5A	Z	1.794	1.794	0 %100
153	MP1A	X	3.107	3.107	0 %100
154	MP1A	Z	1.794	1.794	0 %100
155	MP2A	X	3.107	3.107	0 %100
156	MP2A	Z	1.794	1.794	0 %100



Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
 1:35 PM  
 Checked By: \_\_\_\_\_

**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, %]
157	MP3A	X	3.107	3.107	0 %100
158	MP3A	Z	1.794	1.794	0 %100
159	MP4A	X	3.107	3.107	0 %100
160	MP4A	Z	1.794	1.794	0 %100
161	MP5C	X	3.107	3.107	0 %100
162	MP5C	Z	1.794	1.794	0 %100
163	MP1C	X	3.107	3.107	0 %100
164	MP1C	Z	1.794	1.794	0 %100
165	MP3C	X	3.107	3.107	0 %100
166	MP3C	Z	1.794	1.794	0 %100
167	MP5B	X	3.107	3.107	0 %100
168	MP5B	Z	1.794	1.794	0 %100
169	MP1B	X	3.107	3.107	0 %100
170	MP1B	Z	1.794	1.794	0 %100
171	MP3B	X	3.107	3.107	0 %100
172	MP3B	Z	1.794	1.794	0 %100
173	M211	X	.777	.777	0 %100
174	M211	Z	.449	.449	0 %100
175	M215	X	.777	.777	0 %100
176	M215	Z	.449	.449	0 %100
177	M219	X	3.107	3.107	0 %100
178	M219	Z	1.794	1.794	0 %100
179	M222	X	1.212	1.212	0 %100
180	M222	Z	.7	.7	0 %100
181	M223	X	1.212	1.212	0 %100
182	M223	Z	.7	.7	0 %100
183	M226	X	1.212	1.212	0 %100
184	M226	Z	.7	.7	0 %100
185	M227	X	1.212	1.212	0 %100
186	M227	Z	.7	.7	0 %100
187	M230	X	4.849	4.849	0 %100
188	M230	Z	2.8	2.8	0 %100
189	M231	X	4.849	4.849	0 %100
190	M231	Z	2.8	2.8	0 %100
191	M238	X	.721	.721	0 %100
192	M238	Z	.416	.416	0 %100
193	M239	X	2.884	2.884	0 %100
194	M239	Z	1.665	1.665	0 %100
195	M240	X	.721	.721	0 %100
196	M240	Z	.416	.416	0 %100
197	OVP	X	3.107	3.107	0 %100
198	OVP	Z	1.794	1.794	0 %100
199	MP2C	X	3.107	3.107	0 %100
200	MP2C	Z	1.794	1.794	0 %100
201	MP4C	X	3.107	3.107	0 %100
202	MP4C	Z	1.794	1.794	0 %100
203	MP2B	X	3.107	3.107	0 %100
204	MP2B	Z	1.794	1.794	0 %100
205	MP4B	X	3.107	3.107	0 %100
206	MP4B	Z	1.794	1.794	0 %100
207	M243A	X	3.533	3.533	0 %100
208	M243A	Z	2.04	2.04	0 %100
209	M244A	X	.169	.169	0 %100
210	M244A	Z	.098	.098	0 %100
211	M245A	X	.169	.169	0 %100
212	M245A	Z	.098	.098	0 %100
213	M246A	X	3.533	3.533	0 %100



Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
 1:35 PM  
 Checked By: \_\_\_\_\_

**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.%]
214	M246A	Z	2.04	2.04	0	%100
215	M247A	X	2.155	2.155	0	%100
216	M247A	Z	1.244	1.244	0	%100
217	M248A	X	2.155	2.155	0	%100
218	M248A	Z	1.244	1.244	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	.412	.412	0	%100
2	M1	Z	.713	.713	0	%100
3	M4	X	.674	.674	0	%100
4	M4	Z	1.167	1.167	0	%100
5	M5	X	.674	.674	0	%100
6	M5	Z	1.167	1.167	0	%100
7	M18	X	1.035	1.035	0	%100
8	M18	Z	1.792	1.792	0	%100
9	M19	X	1.111	1.111	0	%100
10	M19	Z	1.924	1.924	0	%100
11	M20	X	0	0	0	%100
12	M20	Z	0	0	0	%100
13	M21	X	1.243	1.243	0	%100
14	M21	Z	2.153	2.153	0	%100
15	M22	X	1.035	1.035	0	%100
16	M22	Z	1.792	1.792	0	%100
17	M28	X	2.016	2.016	0	%100
18	M28	Z	3.492	3.492	0	%100
19	M29	X	0	0	0	%100
20	M29	Z	0	0	0	%100
21	M27A	X	1.111	1.111	0	%100
22	M27A	Z	1.924	1.924	0	%100
23	M28A	X	0	0	0	%100
24	M28A	Z	0	0	0	%100
25	M29A	X	1.243	1.243	0	%100
26	M29A	Z	2.153	2.153	0	%100
27	M44	X	2.921	2.921	0	%100
28	M44	Z	5.059	5.059	0	%100
29	M47	X	1.951	1.951	0	%100
30	M47	Z	3.379	3.379	0	%100
31	M48	X	1.951	1.951	0	%100
32	M48	Z	3.379	3.379	0	%100
33	M51	X	1.508	1.508	0	%100
34	M51	Z	2.613	2.613	0	%100
35	M52	X	1.647	1.647	0	%100
36	M52	Z	2.852	2.852	0	%100
37	M55	X	2.695	2.695	0	%100
38	M55	Z	4.668	4.668	0	%100
39	M56	X	2.695	2.695	0	%100
40	M56	Z	4.668	4.668	0	%100
41	M69	X	0	0	0	%100
42	M69	Z	0	0	0	%100
43	M70	X	1.111	1.111	0	%100
44	M70	Z	1.924	1.924	0	%100
45	M71	X	1.111	1.111	0	%100
46	M71	Z	1.924	1.924	0	%100
47	M72	X	0	0	0	%100
48	M72	Z	0	0	0	%100



Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
 1:35 PM  
 Checked By: \_\_\_\_\_

**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, %]	
49	M73	X	0	0	0	%100
50	M73	Z	0	0	0	%100
51	M76	X	2.016	2.016	0	%100
52	M76	Z	3.492	3.492	0	%100
53	M77	X	2.016	2.016	0	%100
54	M77	Z	3.492	3.492	0	%100
55	M78	X	1.111	1.111	0	%100
56	M78	Z	1.924	1.924	0	%100
57	M79	X	1.111	1.111	0	%100
58	M79	Z	1.924	1.924	0	%100
59	M80	X	0	0	0	%100
60	M80	Z	0	0	0	%100
61	M95	X	3.603	3.603	0	%100
62	M95	Z	6.24	6.24	0	%100
63	M98	X	.875	.875	0	%100
64	M98	Z	1.515	1.515	0	%100
65	M99	X	.875	.875	0	%100
66	M99	Z	1.515	1.515	0	%100
67	M102	X	0	0	0	%100
68	M102	Z	0	0	0	%100
69	M103	X	.412	.412	0	%100
70	M103	Z	.713	.713	0	%100
71	M106	X	.674	.674	0	%100
72	M106	Z	1.167	1.167	0	%100
73	M107	X	.674	.674	0	%100
74	M107	Z	1.167	1.167	0	%100
75	M120	X	1.035	1.035	0	%100
76	M120	Z	1.792	1.792	0	%100
77	M121	X	0	0	0	%100
78	M121	Z	0	0	0	%100
79	M122	X	1.111	1.111	0	%100
80	M122	Z	1.924	1.924	0	%100
81	M123	X	1.243	1.243	0	%100
82	M123	Z	2.153	2.153	0	%100
83	M124	X	1.035	1.035	0	%100
84	M124	Z	1.792	1.792	0	%100
85	M127	X	0	0	0	%100
86	M127	Z	0	0	0	%100
87	M128	X	2.016	2.016	0	%100
88	M128	Z	3.492	3.492	0	%100
89	M129	X	0	0	0	%100
90	M129	Z	0	0	0	%100
91	M130	X	1.111	1.111	0	%100
92	M130	Z	1.924	1.924	0	%100
93	M131	X	1.243	1.243	0	%100
94	M131	Z	2.153	2.153	0	%100
95	M146	X	1.557	1.557	0	%100
96	M146	Z	2.696	2.696	0	%100
97	M149	X	2.921	2.921	0	%100
98	M149	Z	5.059	5.059	0	%100
99	M150	X	2.921	2.921	0	%100
100	M150	Z	5.059	5.059	0	%100
101	M153	X	1.508	1.508	0	%100
102	M153	Z	2.613	2.613	0	%100
103	M148A	X	2.368	2.368	0	%100
104	M148A	Z	4.101	4.101	0	%100
105	M149A	X	0	0	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, %]	
106	M149A	Z	0	0	0	%100
107	M150A	X	2.368	2.368	0	%100
108	M150A	Z	4.101	4.101	0	%100
109	M151A	X	1.346	1.346	0	%100
110	M151A	Z	2.331	2.331	0	%100
111	M152A	X	.605	.605	0	%100
112	M152A	Z	1.048	1.048	0	%100
113	M154	X	0	0	0	%100
114	M154	Z	0	0	0	%100
115	M157	X	1.346	1.346	0	%100
116	M157	Z	2.331	2.331	0	%100
117	M166	X	1.815	1.815	0	%100
118	M166	Z	3.143	3.143	0	%100
119	M162A	X	.605	.605	0	%100
120	M162A	Z	1.048	1.048	0	%100
121	M163A	X	1.815	1.815	0	%100
122	M163A	Z	3.143	3.143	0	%100
123	M164A	X	2.42	2.42	0	%100
124	M164A	Z	4.191	4.191	0	%100
125	M165A	X	0	0	0	%100
126	M165A	Z	0	0	0	%100
127	M166A	X	2.42	2.42	0	%100
128	M166A	Z	4.191	4.191	0	%100
129	M167	X	0	0	0	%100
130	M167	Z	0	0	0	%100
131	M168	X	.605	.605	0	%100
132	M168	Z	1.048	1.048	0	%100
133	M169	X	1.815	1.815	0	%100
134	M169	Z	3.143	3.143	0	%100
135	M170	X	.605	.605	0	%100
136	M170	Z	1.048	1.048	0	%100
137	M171	X	1.815	1.815	0	%100
138	M171	Z	3.143	3.143	0	%100
139	M172	X	1.25	1.25	0	%100
140	M172	Z	2.166	2.166	0	%100
141	M173	X	0	0	0	%100
142	M173	Z	0	0	0	%100
143	M174	X	1.25	1.25	0	%100
144	M174	Z	2.166	2.166	0	%100
145	M175	X	1.346	1.346	0	%100
146	M175	Z	2.331	2.331	0	%100
147	M176	X	0	0	0	%100
148	M176	Z	0	0	0	%100
149	M177	X	1.346	1.346	0	%100
150	M177	Z	2.331	2.331	0	%100
151	MP5A	X	1.794	1.794	0	%100
152	MP5A	Z	3.107	3.107	0	%100
153	MP1A	X	1.794	1.794	0	%100
154	MP1A	Z	3.107	3.107	0	%100
155	MP2A	X	1.794	1.794	0	%100
156	MP2A	Z	3.107	3.107	0	%100
157	MP3A	X	1.794	1.794	0	%100
158	MP3A	Z	3.107	3.107	0	%100
159	MP4A	X	1.794	1.794	0	%100
160	MP4A	Z	3.107	3.107	0	%100
161	MP5C	X	1.794	1.794	0	%100
162	MP5C	Z	3.107	3.107	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, %]
163	MP1C	X	1.794	1.794	0 %100
164	MP1C	Z	3.107	3.107	0 %100
165	MP3C	X	1.794	1.794	0 %100
166	MP3C	Z	3.107	3.107	0 %100
167	MP5B	X	1.794	1.794	0 %100
168	MP5B	Z	3.107	3.107	0 %100
169	MP1B	X	1.794	1.794	0 %100
170	MP1B	Z	3.107	3.107	0 %100
171	MP3B	X	1.794	1.794	0 %100
172	MP3B	Z	3.107	3.107	0 %100
173	M211	X	1.346	1.346	0 %100
174	M211	Z	2.331	2.331	0 %100
175	M215	X	0	0	0 %100
176	M215	Z	0	0	0 %100
177	M219	X	1.346	1.346	0 %100
178	M219	Z	2.331	2.331	0 %100
179	M222	X	2.1	2.1	0 %100
180	M222	Z	3.637	3.637	0 %100
181	M223	X	2.1	2.1	0 %100
182	M223	Z	3.637	3.637	0 %100
183	M226	X	0	0	0 %100
184	M226	Z	0	0	0 %100
185	M227	X	0	0	0 %100
186	M227	Z	0	0	0 %100
187	M230	X	2.1	2.1	0 %100
188	M230	Z	3.637	3.637	0 %100
189	M231	X	2.1	2.1	0 %100
190	M231	Z	3.637	3.637	0 %100
191	M238	X	0	0	0 %100
192	M238	Z	0	0	0 %100
193	M239	X	1.249	1.249	0 %100
194	M239	Z	2.163	2.163	0 %100
195	M240	X	1.249	1.249	0 %100
196	M240	Z	2.163	2.163	0 %100
197	OVP	X	1.794	1.794	0 %100
198	OVP	Z	3.107	3.107	0 %100
199	MP2C	X	1.794	1.794	0 %100
200	MP2C	Z	3.107	3.107	0 %100
201	MP4C	X	1.794	1.794	0 %100
202	MP4C	Z	3.107	3.107	0 %100
203	MP2B	X	1.794	1.794	0 %100
204	MP2B	Z	3.107	3.107	0 %100
205	MP4B	X	1.794	1.794	0 %100
206	MP4B	Z	3.107	3.107	0 %100
207	M243A	X	2.157	2.157	0 %100
208	M243A	Z	3.736	3.736	0 %100
209	M244A	X	.215	.215	0 %100
210	M244A	Z	.372	.372	0 %100
211	M245A	X	1.01	1.01	0 %100
212	M245A	Z	1.75	1.75	0 %100
213	M246A	X	1.01	1.01	0 %100
214	M246A	Z	1.75	1.75	0 %100
215	M247A	X	.215	.215	0 %100
216	M247A	Z	.372	.372	0 %100
217	M248A	X	2.157	2.157	0 %100
218	M248A	Z	3.736	3.736	0 %100



Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
 1:35 PM  
 Checked By: \_\_\_\_\_

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M5	X	0	0	0	%100
6	M5	Z	0	0	0	%100
7	M18	X	0	0	0	%100
8	M18	Z	2.759	2.759	0	%100
9	M19	X	0	0	0	%100
10	M19	Z	.741	.741	0	%100
11	M20	X	0	0	0	%100
12	M20	Z	.741	.741	0	%100
13	M21	X	0	0	0	%100
14	M21	Z	3.315	3.315	0	%100
15	M22	X	0	0	0	%100
16	M22	Z	2.759	2.759	0	%100
17	M28	X	0	0	0	%100
18	M28	Z	1.344	1.344	0	%100
19	M29	X	0	0	0	%100
20	M29	Z	1.344	1.344	0	%100
21	M27A	X	0	0	0	%100
22	M27A	Z	.741	.741	0	%100
23	M28A	X	0	0	0	%100
24	M28A	Z	.741	.741	0	%100
25	M29A	X	0	0	0	%100
26	M29A	Z	3.315	3.315	0	%100
27	M44	X	0	0	0	%100
28	M44	Z	7.205	7.205	0	%100
29	M47	X	0	0	0	%100
30	M47	Z	1.507	1.507	0	%100
31	M48	X	0	0	0	%100
32	M48	Z	1.507	1.507	0	%100
33	M51	X	0	0	0	%100
34	M51	Z	4.022	4.022	0	%100
35	M52	X	0	0	0	%100
36	M52	Z	2.47	2.47	0	%100
37	M55	X	0	0	0	%100
38	M55	Z	4.042	4.042	0	%100
39	M56	X	0	0	0	%100
40	M56	Z	4.042	4.042	0	%100
41	M69	X	0	0	0	%100
42	M69	Z	.69	.69	0	%100
43	M70	X	0	0	0	%100
44	M70	Z	2.963	2.963	0	%100
45	M71	X	0	0	0	%100
46	M71	Z	.741	.741	0	%100
47	M72	X	0	0	0	%100
48	M72	Z	.829	.829	0	%100
49	M73	X	0	0	0	%100
50	M73	Z	.69	.69	0	%100
51	M76	X	0	0	0	%100
52	M76	Z	5.376	5.376	0	%100
53	M77	X	0	0	0	%100
54	M77	Z	1.344	1.344	0	%100
55	M78	X	0	0	0	%100
56	M78	Z	2.963	2.963	0	%100
57	M79	X	0	0	0	%100



Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
 1:35 PM  
 Checked By: \_\_\_\_\_

**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, %]
58	M79	Z	.741	.741	0 %100
59	M80	X	0	0	0 %100
60	M80	Z	.829	.829	0 %100
61	M95	X	0	0	0 %100
62	M95	Z	5.841	5.841	0 %100
63	M98	X	0	0	0 %100
64	M98	Z	3.113	3.113	0 %100
65	M99	X	0	0	0 %100
66	M99	Z	3.113	3.113	0 %100
67	M102	X	0	0	0 %100
68	M102	Z	1.006	1.006	0 %100
69	M103	X	0	0	0 %100
70	M103	Z	2.47	2.47	0 %100
71	M106	X	0	0	0 %100
72	M106	Z	4.042	4.042	0 %100
73	M107	X	0	0	0 %100
74	M107	Z	4.042	4.042	0 %100
75	M120	X	0	0	0 %100
76	M120	Z	.69	.69	0 %100
77	M121	X	0	0	0 %100
78	M121	Z	.741	.741	0 %100
79	M122	X	0	0	0 %100
80	M122	Z	2.963	2.963	0 %100
81	M123	X	0	0	0 %100
82	M123	Z	.829	.829	0 %100
83	M124	X	0	0	0 %100
84	M124	Z	.69	.69	0 %100
85	M127	X	0	0	0 %100
86	M127	Z	1.344	1.344	0 %100
87	M128	X	0	0	0 %100
88	M128	Z	5.376	5.376	0 %100
89	M129	X	0	0	0 %100
90	M129	Z	.741	.741	0 %100
91	M130	X	0	0	0 %100
92	M130	Z	2.963	2.963	0 %100
93	M131	X	0	0	0 %100
94	M131	Z	.829	.829	0 %100
95	M146	X	0	0	0 %100
96	M146	Z	5.841	5.841	0 %100
97	M149	X	0	0	0 %100
98	M149	Z	3.113	3.113	0 %100
99	M150	X	0	0	0 %100
100	M150	Z	3.113	3.113	0 %100
101	M153	X	0	0	0 %100
102	M153	Z	1.006	1.006	0 %100
103	M148A	X	0	0	0 %100
104	M148A	Z	6.313	6.313	0 %100
105	M149A	X	0	0	0 %100
106	M149A	Z	1.578	1.578	0 %100
107	M150A	X	0	0	0 %100
108	M150A	Z	1.578	1.578	0 %100
109	M151A	X	0	0	0 %100
110	M151A	Z	3.588	3.588	0 %100
111	M152A	X	0	0	0 %100
112	M152A	Z	0	0	0 %100
113	M154	X	0	0	0 %100
114	M154	Z	.897	.897	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, %]
115	M157	X	0	0	%100
116	M157	Z	.897	.897	%100
117	M166	X	0	0	%100
118	M166	Z	4.84	4.84	%100
119	M162A	X	0	0	%100
120	M162A	Z	0	0	%100
121	M163A	X	0	0	%100
122	M163A	Z	4.84	4.84	%100
123	M164A	X	0	0	%100
124	M164A	Z	3.63	3.63	%100
125	M165A	X	0	0	%100
126	M165A	Z	1.21	1.21	%100
127	M166A	X	0	0	%100
128	M166A	Z	3.63	3.63	%100
129	M167	X	0	0	%100
130	M167	Z	1.21	1.21	%100
131	M168	X	0	0	%100
132	M168	Z	3.63	3.63	%100
133	M169	X	0	0	%100
134	M169	Z	1.21	1.21	%100
135	M170	X	0	0	%100
136	M170	Z	3.63	3.63	%100
137	M171	X	0	0	%100
138	M171	Z	1.21	1.21	%100
139	M172	X	0	0	%100
140	M172	Z	3.334	3.334	%100
141	M173	X	0	0	%100
142	M173	Z	.834	.834	%100
143	M174	X	0	0	%100
144	M174	Z	.834	.834	%100
145	M175	X	0	0	%100
146	M175	Z	3.588	3.588	%100
147	M176	X	0	0	%100
148	M176	Z	.897	.897	%100
149	M177	X	0	0	%100
150	M177	Z	.897	.897	%100
151	MP5A	X	0	0	%100
152	MP5A	Z	3.588	3.588	%100
153	MP1A	X	0	0	%100
154	MP1A	Z	3.588	3.588	%100
155	MP2A	X	0	0	%100
156	MP2A	Z	3.588	3.588	%100
157	MP3A	X	0	0	%100
158	MP3A	Z	3.588	3.588	%100
159	MP4A	X	0	0	%100
160	MP4A	Z	3.588	3.588	%100
161	MP5C	X	0	0	%100
162	MP5C	Z	3.588	3.588	%100
163	MP1C	X	0	0	%100
164	MP1C	Z	3.588	3.588	%100
165	MP3C	X	0	0	%100
166	MP3C	Z	3.588	3.588	%100
167	MP5B	X	0	0	%100
168	MP5B	Z	3.588	3.588	%100
169	MP1B	X	0	0	%100
170	MP1B	Z	3.588	3.588	%100
171	MP3B	X	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, %]
172	MP3B	Z	3.588	3.588	0	%100
173	M211	X	0	0	0	%100
174	M211	Z	3.588	3.588	0	%100
175	M215	X	0	0	0	%100
176	M215	Z	.897	.897	0	%100
177	M219	X	0	0	0	%100
178	M219	Z	.897	.897	0	%100
179	M222	X	0	0	0	%100
180	M222	Z	5.599	5.599	0	%100
181	M223	X	0	0	0	%100
182	M223	Z	5.599	5.599	0	%100
183	M226	X	0	0	0	%100
184	M226	Z	1.4	1.4	0	%100
185	M227	X	0	0	0	%100
186	M227	Z	1.4	1.4	0	%100
187	M230	X	0	0	0	%100
188	M230	Z	1.4	1.4	0	%100
189	M231	X	0	0	0	%100
190	M231	Z	1.4	1.4	0	%100
191	M238	X	0	0	0	%100
192	M238	Z	.833	.833	0	%100
193	M239	X	0	0	0	%100
194	M239	Z	.833	.833	0	%100
195	M240	X	0	0	0	%100
196	M240	Z	3.33	3.33	0	%100
197	OVP	X	0	0	0	%100
198	OVP	Z	3.588	3.588	0	%100
199	MP2C	X	0	0	0	%100
200	MP2C	Z	3.588	3.588	0	%100
201	MP4C	X	0	0	0	%100
202	MP4C	Z	3.588	3.588	0	%100
203	MP2B	X	0	0	0	%100
204	MP2B	Z	3.588	3.588	0	%100
205	MP4B	X	0	0	0	%100
206	MP4B	Z	3.588	3.588	0	%100
207	M243A	X	0	0	0	%100
208	M243A	Z	2.489	2.489	0	%100
209	M244A	X	0	0	0	%100
210	M244A	Z	2.489	2.489	0	%100
211	M245A	X	0	0	0	%100
212	M245A	Z	4.08	4.08	0	%100
213	M246A	X	0	0	0	%100
214	M246A	Z	.196	.196	0	%100
215	M247A	X	0	0	0	%100
216	M247A	Z	.196	.196	0	%100
217	M248A	X	0	0	0	%100
218	M248A	Z	4.08	4.08	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	-.412	-.412	0	%100
2	M1	Z	.713	.713	0	%100
3	M4	X	-.674	-.674	0	%100
4	M4	Z	1.167	1.167	0	%100
5	M5	X	-.674	-.674	0	%100
6	M5	Z	1.167	1.167	0	%100



Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
 1:35 PM  
 Checked By: \_\_\_\_\_

**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.%,]
7	M18	X	-1.035	-1.035	0 %100
8	M18	Z	1.792	1.792	0 %100
9	M19	X	0	0	0 %100
10	M19	Z	0	0	0 %100
11	M20	X	-1.111	-1.111	0 %100
12	M20	Z	1.924	1.924	0 %100
13	M21	X	-1.243	-1.243	0 %100
14	M21	Z	2.153	2.153	0 %100
15	M22	X	-1.035	-1.035	0 %100
16	M22	Z	1.792	1.792	0 %100
17	M28	X	0	0	0 %100
18	M28	Z	0	0	0 %100
19	M29	X	-2.016	-2.016	0 %100
20	M29	Z	3.492	3.492	0 %100
21	M27A	X	0	0	0 %100
22	M27A	Z	0	0	0 %100
23	M28A	X	-1.111	-1.111	0 %100
24	M28A	Z	1.924	1.924	0 %100
25	M29A	X	-1.243	-1.243	0 %100
26	M29A	Z	2.153	2.153	0 %100
27	M44	X	-2.921	-2.921	0 %100
28	M44	Z	5.059	5.059	0 %100
29	M47	X	-1.951	-1.951	0 %100
30	M47	Z	3.379	3.379	0 %100
31	M48	X	-1.951	-1.951	0 %100
32	M48	Z	3.379	3.379	0 %100
33	M51	X	-1.508	-1.508	0 %100
34	M51	Z	2.613	2.613	0 %100
35	M52	X	-.412	-.412	0 %100
36	M52	Z	.713	.713	0 %100
37	M55	X	-.674	-.674	0 %100
38	M55	Z	1.167	1.167	0 %100
39	M56	X	-.674	-.674	0 %100
40	M56	Z	1.167	1.167	0 %100
41	M69	X	-1.035	-1.035	0 %100
42	M69	Z	1.792	1.792	0 %100
43	M70	X	-1.111	-1.111	0 %100
44	M70	Z	1.924	1.924	0 %100
45	M71	X	0	0	0 %100
46	M71	Z	0	0	0 %100
47	M72	X	-1.243	-1.243	0 %100
48	M72	Z	2.153	2.153	0 %100
49	M73	X	-1.035	-1.035	0 %100
50	M73	Z	1.792	1.792	0 %100
51	M76	X	-2.016	-2.016	0 %100
52	M76	Z	3.492	3.492	0 %100
53	M77	X	0	0	0 %100
54	M77	Z	0	0	0 %100
55	M78	X	-1.111	-1.111	0 %100
56	M78	Z	1.924	1.924	0 %100
57	M79	X	0	0	0 %100
58	M79	Z	0	0	0 %100
59	M80	X	-1.243	-1.243	0 %100
60	M80	Z	2.153	2.153	0 %100
61	M95	X	-1.557	-1.557	0 %100
62	M95	Z	2.696	2.696	0 %100
63	M98	X	-2.921	-2.921	0 %100



Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
 1:35 PM  
 Checked By: \_\_\_\_\_

**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.%]	
64	M98	Z	5.059	5.059	0	%100
65	M99	X	-2.921	-2.921	0	%100
66	M99	Z	5.059	5.059	0	%100
67	M102	X	-1.508	-1.508	0	%100
68	M102	Z	2.613	2.613	0	%100
69	M103	X	-1.647	-1.647	0	%100
70	M103	Z	2.852	2.852	0	%100
71	M106	X	-2.695	-2.695	0	%100
72	M106	Z	4.668	4.668	0	%100
73	M107	X	-2.695	-2.695	0	%100
74	M107	Z	4.668	4.668	0	%100
75	M120	X	0	0	0	%100
76	M120	Z	0	0	0	%100
77	M121	X	-1.111	-1.111	0	%100
78	M121	Z	1.924	1.924	0	%100
79	M122	X	-1.111	-1.111	0	%100
80	M122	Z	1.924	1.924	0	%100
81	M123	X	0	0	0	%100
82	M123	Z	0	0	0	%100
83	M124	X	0	0	0	%100
84	M124	Z	0	0	0	%100
85	M127	X	-2.016	-2.016	0	%100
86	M127	Z	3.492	3.492	0	%100
87	M128	X	-2.016	-2.016	0	%100
88	M128	Z	3.492	3.492	0	%100
89	M129	X	-1.111	-1.111	0	%100
90	M129	Z	1.924	1.924	0	%100
91	M130	X	-1.111	-1.111	0	%100
92	M130	Z	1.924	1.924	0	%100
93	M131	X	0	0	0	%100
94	M131	Z	0	0	0	%100
95	M146	X	-3.603	-3.603	0	%100
96	M146	Z	6.24	6.24	0	%100
97	M149	X	-0.875	-0.875	0	%100
98	M149	Z	1.515	1.515	0	%100
99	M150	X	-0.875	-0.875	0	%100
100	M150	Z	1.515	1.515	0	%100
101	M153	X	0	0	0	%100
102	M153	Z	0	0	0	%100
103	M148A	X	-2.368	-2.368	0	%100
104	M148A	Z	4.101	4.101	0	%100
105	M149A	X	-2.368	-2.368	0	%100
106	M149A	Z	4.101	4.101	0	%100
107	M150A	X	0	0	0	%100
108	M150A	Z	0	0	0	%100
109	M151A	X	-1.346	-1.346	0	%100
110	M151A	Z	2.331	2.331	0	%100
111	M152A	X	-0.605	-0.605	0	%100
112	M152A	Z	1.048	1.048	0	%100
113	M154	X	-1.346	-1.346	0	%100
114	M154	Z	2.331	2.331	0	%100
115	M157	X	0	0	0	%100
116	M157	Z	0	0	0	%100
117	M166	X	-1.815	-1.815	0	%100
118	M166	Z	3.143	3.143	0	%100
119	M162A	X	-0.605	-0.605	0	%100
120	M162A	Z	1.048	1.048	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, %]
121	M163A	X	-1.815	-1.815	0 %100
122	M163A	Z	3.143	3.143	0 %100
123	M164A	X	-.605	-.605	0 %100
124	M164A	Z	1.048	1.048	0 %100
125	M165A	X	-1.815	-1.815	0 %100
126	M165A	Z	3.143	3.143	0 %100
127	M166A	X	-.605	-.605	0 %100
128	M166A	Z	1.048	1.048	0 %100
129	M167	X	-1.815	-1.815	0 %100
130	M167	Z	3.143	3.143	0 %100
131	M168	X	-2.42	-2.42	0 %100
132	M168	Z	4.191	4.191	0 %100
133	M169	X	0	0	0 %100
134	M169	Z	0	0	0 %100
135	M170	X	-2.42	-2.42	0 %100
136	M170	Z	4.191	4.191	0 %100
137	M171	X	0	0	0 %100
138	M171	Z	0	0	0 %100
139	M172	X	-1.25	-1.25	0 %100
140	M172	Z	2.166	2.166	0 %100
141	M173	X	-1.25	-1.25	0 %100
142	M173	Z	2.166	2.166	0 %100
143	M174	X	0	0	0 %100
144	M174	Z	0	0	0 %100
145	M175	X	-1.346	-1.346	0 %100
146	M175	Z	2.331	2.331	0 %100
147	M176	X	-1.346	-1.346	0 %100
148	M176	Z	2.331	2.331	0 %100
149	M177	X	0	0	0 %100
150	M177	Z	0	0	0 %100
151	MP5A	X	-1.794	-1.794	0 %100
152	MP5A	Z	3.107	3.107	0 %100
153	MP1A	X	-1.794	-1.794	0 %100
154	MP1A	Z	3.107	3.107	0 %100
155	MP2A	X	-1.794	-1.794	0 %100
156	MP2A	Z	3.107	3.107	0 %100
157	MP3A	X	-1.794	-1.794	0 %100
158	MP3A	Z	3.107	3.107	0 %100
159	MP4A	X	-1.794	-1.794	0 %100
160	MP4A	Z	3.107	3.107	0 %100
161	MP5C	X	-1.794	-1.794	0 %100
162	MP5C	Z	3.107	3.107	0 %100
163	MP1C	X	-1.794	-1.794	0 %100
164	MP1C	Z	3.107	3.107	0 %100
165	MP3C	X	-1.794	-1.794	0 %100
166	MP3C	Z	3.107	3.107	0 %100
167	MP5B	X	-1.794	-1.794	0 %100
168	MP5B	Z	3.107	3.107	0 %100
169	MP1B	X	-1.794	-1.794	0 %100
170	MP1B	Z	3.107	3.107	0 %100
171	MP3B	X	-1.794	-1.794	0 %100
172	MP3B	Z	3.107	3.107	0 %100
173	M211	X	-1.346	-1.346	0 %100
174	M211	Z	2.331	2.331	0 %100
175	M215	X	-1.346	-1.346	0 %100
176	M215	Z	2.331	2.331	0 %100
177	M219	X	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.%,]
178	M219	Z	0	0	0 %100
179	M222	X	-2.1	-2.1	0 %100
180	M222	Z	3.637	3.637	0 %100
181	M223	X	-2.1	-2.1	0 %100
182	M223	Z	3.637	3.637	0 %100
183	M226	X	-2.1	-2.1	0 %100
184	M226	Z	3.637	3.637	0 %100
185	M227	X	-2.1	-2.1	0 %100
186	M227	Z	3.637	3.637	0 %100
187	M230	X	0	0	0 %100
188	M230	Z	0	0	0 %100
189	M231	X	0	0	0 %100
190	M231	Z	0	0	0 %100
191	M238	X	-1.249	-1.249	0 %100
192	M238	Z	2.163	2.163	0 %100
193	M239	X	0	0	0 %100
194	M239	Z	0	0	0 %100
195	M240	X	-1.249	-1.249	0 %100
196	M240	Z	2.163	2.163	0 %100
197	OVP	X	-1.794	-1.794	0 %100
198	OVP	Z	3.107	3.107	0 %100
199	MP2C	X	-1.794	-1.794	0 %100
200	MP2C	Z	3.107	3.107	0 %100
201	MP4C	X	-1.794	-1.794	0 %100
202	MP4C	Z	3.107	3.107	0 %100
203	MP2B	X	-1.794	-1.794	0 %100
204	MP2B	Z	3.107	3.107	0 %100
205	MP4B	X	-1.794	-1.794	0 %100
206	MP4B	Z	3.107	3.107	0 %100
207	M243A	X	-2.15	-2.15	0 %100
208	M243A	Z	.372	.372	0 %100
209	M244A	X	-2.157	-2.157	0 %100
210	M244A	Z	3.736	3.736	0 %100
211	M245A	X	-2.157	-2.157	0 %100
212	M245A	Z	3.736	3.736	0 %100
213	M246A	X	-2.15	-2.15	0 %100
214	M246A	Z	.372	.372	0 %100
215	M247A	X	-1.01	-1.01	0 %100
216	M247A	Z	1.75	1.75	0 %100
217	M248A	X	-1.01	-1.01	0 %100
218	M248A	Z	1.75	1.75	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	-2.139	-2.139	0 %100
2	M1	Z	1.235	1.235	0 %100
3	M4	X	-3.501	-3.501	0 %100
4	M4	Z	2.021	2.021	0 %100
5	M5	X	-3.501	-3.501	0 %100
6	M5	Z	2.021	2.021	0 %100
7	M18	X	-.597	-.597	0 %100
8	M18	Z	.345	.345	0 %100
9	M19	X	-.641	-.641	0 %100
10	M19	Z	.37	.37	0 %100
11	M20	X	-2.566	-2.566	0 %100
12	M20	Z	1.481	1.481	0 %100



Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
 1:35 PM  
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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, %]
13	M21	X	-718	-718	0 %100
14	M21	Z	.414	.414	0 %100
15	M22	X	-.597	-.597	0 %100
16	M22	Z	.345	.345	0 %100
17	M28	X	-1.164	-1.164	0 %100
18	M28	Z	.672	.672	0 %100
19	M29	X	-4.656	-4.656	0 %100
20	M29	Z	2.688	2.688	0 %100
21	M27A	X	-.641	-.641	0 %100
22	M27A	Z	.37	.37	0 %100
23	M28A	X	-2.566	-2.566	0 %100
24	M28A	Z	1.481	1.481	0 %100
25	M29A	X	-718	-718	0 %100
26	M29A	Z	.414	.414	0 %100
27	M44	X	-2.696	-2.696	0 %100
28	M44	Z	1.557	1.557	0 %100
29	M47	X	-7.529	-7.529	0 %100
30	M47	Z	4.347	4.347	0 %100
31	M48	X	-7.529	-7.529	0 %100
32	M48	Z	4.347	4.347	0 %100
33	M51	X	-.871	-.871	0 %100
34	M51	Z	.503	.503	0 %100
35	M52	X	0	0	0 %100
36	M52	Z	0	0	0 %100
37	M55	X	0	0	0 %100
38	M55	Z	0	0	0 %100
39	M56	X	0	0	0 %100
40	M56	Z	0	0	0 %100
41	M69	X	-2.389	-2.389	0 %100
42	M69	Z	1.379	1.379	0 %100
43	M70	X	-.641	-.641	0 %100
44	M70	Z	.37	.37	0 %100
45	M71	X	-.641	-.641	0 %100
46	M71	Z	.37	.37	0 %100
47	M72	X	-2.871	-2.871	0 %100
48	M72	Z	1.657	1.657	0 %100
49	M73	X	-2.389	-2.389	0 %100
50	M73	Z	1.379	1.379	0 %100
51	M76	X	-1.164	-1.164	0 %100
52	M76	Z	.672	.672	0 %100
53	M77	X	-1.164	-1.164	0 %100
54	M77	Z	.672	.672	0 %100
55	M78	X	-.641	-.641	0 %100
56	M78	Z	.37	.37	0 %100
57	M79	X	-.641	-.641	0 %100
58	M79	Z	.37	.37	0 %100
59	M80	X	-2.871	-2.871	0 %100
60	M80	Z	1.657	1.657	0 %100
61	M95	X	-1.515	-1.515	0 %100
62	M95	Z	.875	.875	0 %100
63	M98	X	-6.24	-6.24	0 %100
64	M98	Z	3.603	3.603	0 %100
65	M99	X	-6.24	-6.24	0 %100
66	M99	Z	3.603	3.603	0 %100
67	M102	X	-3.484	-3.484	0 %100
68	M102	Z	2.011	2.011	0 %100
69	M103	X	-2.139	-2.139	0 %100

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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
70	M103	Z	1.235	1.235	0 %100
71	M106	X	-3.501	-3.501	0 %100
72	M106	Z	2.021	2.021	0 %100
73	M107	X	-3.501	-3.501	0 %100
74	M107	Z	2.021	2.021	0 %100
75	M120	X	-.597	-.597	0 %100
76	M120	Z	.345	.345	0 %100
77	M121	X	-2.566	-2.566	0 %100
78	M121	Z	1.481	1.481	0 %100
79	M122	X	-.641	-.641	0 %100
80	M122	Z	.37	.37	0 %100
81	M123	X	-.718	-.718	0 %100
82	M123	Z	.414	.414	0 %100
83	M124	X	-.597	-.597	0 %100
84	M124	Z	.345	.345	0 %100
85	M127	X	-4.656	-4.656	0 %100
86	M127	Z	2.688	2.688	0 %100
87	M128	X	-1.164	-1.164	0 %100
88	M128	Z	.672	.672	0 %100
89	M129	X	-2.566	-2.566	0 %100
90	M129	Z	1.481	1.481	0 %100
91	M130	X	-.641	-.641	0 %100
92	M130	Z	.37	.37	0 %100
93	M131	X	-.718	-.718	0 %100
94	M131	Z	.414	.414	0 %100
95	M146	X	-5.059	-5.059	0 %100
96	M146	Z	2.921	2.921	0 %100
97	M149	X	-2.696	-2.696	0 %100
98	M149	Z	1.557	1.557	0 %100
99	M150	X	-2.696	-2.696	0 %100
100	M150	Z	1.557	1.557	0 %100
101	M153	X	-.871	-.871	0 %100
102	M153	Z	.503	.503	0 %100
103	M148A	X	-1.367	-1.367	0 %100
104	M148A	Z	.789	.789	0 %100
105	M149A	X	-5.468	-5.468	0 %100
106	M149A	Z	3.157	3.157	0 %100
107	M150A	X	-1.367	-1.367	0 %100
108	M150A	Z	.789	.789	0 %100
109	M151A	X	-.777	-.777	0 %100
110	M151A	Z	.449	.449	0 %100
111	M152A	X	-3.143	-3.143	0 %100
112	M152A	Z	1.815	1.815	0 %100
113	M154	X	-3.107	-3.107	0 %100
114	M154	Z	1.794	1.794	0 %100
115	M157	X	-.777	-.777	0 %100
116	M157	Z	.449	.449	0 %100
117	M166	X	-1.048	-1.048	0 %100
118	M166	Z	.605	.605	0 %100
119	M162A	X	-3.143	-3.143	0 %100
120	M162A	Z	1.815	1.815	0 %100
121	M163A	X	-1.048	-1.048	0 %100
122	M163A	Z	.605	.605	0 %100
123	M164A	X	0	0	0 %100
124	M164A	Z	0	0	0 %100
125	M165A	X	-4.191	-4.191	0 %100
126	M165A	Z	2.42	2.42	0 %100

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

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%,]	End Location[ft.%,]	
127	M166A	X	0	0	0	%100
128	M166A	Z	0	0	0	%100
129	M167	X	-4.191	-4.191	0	%100
130	M167	Z	2.42	2.42	0	%100
131	M168	X	-3.143	-3.143	0	%100
132	M168	Z	1.815	1.815	0	%100
133	M169	X	-1.048	-1.048	0	%100
134	M169	Z	.605	.605	0	%100
135	M170	X	-3.143	-3.143	0	%100
136	M170	Z	1.815	1.815	0	%100
137	M171	X	-1.048	-1.048	0	%100
138	M171	Z	.605	.605	0	%100
139	M172	X	-.722	-.722	0	%100
140	M172	Z	.417	.417	0	%100
141	M173	X	-2.887	-2.887	0	%100
142	M173	Z	1.667	1.667	0	%100
143	M174	X	-.722	-.722	0	%100
144	M174	Z	.417	.417	0	%100
145	M175	X	-.777	-.777	0	%100
146	M175	Z	.449	.449	0	%100
147	M176	X	-3.107	-3.107	0	%100
148	M176	Z	1.794	1.794	0	%100
149	M177	X	-.777	-.777	0	%100
150	M177	Z	.449	.449	0	%100
151	MP5A	X	-3.107	-3.107	0	%100
152	MP5A	Z	1.794	1.794	0	%100
153	MP1A	X	-3.107	-3.107	0	%100
154	MP1A	Z	1.794	1.794	0	%100
155	MP2A	X	-3.107	-3.107	0	%100
156	MP2A	Z	1.794	1.794	0	%100
157	MP3A	X	-3.107	-3.107	0	%100
158	MP3A	Z	1.794	1.794	0	%100
159	MP4A	X	-3.107	-3.107	0	%100
160	MP4A	Z	1.794	1.794	0	%100
161	MP5C	X	-3.107	-3.107	0	%100
162	MP5C	Z	1.794	1.794	0	%100
163	MP1C	X	-3.107	-3.107	0	%100
164	MP1C	Z	1.794	1.794	0	%100
165	MP3C	X	-3.107	-3.107	0	%100
166	MP3C	Z	1.794	1.794	0	%100
167	MP5B	X	-3.107	-3.107	0	%100
168	MP5B	Z	1.794	1.794	0	%100
169	MP1B	X	-3.107	-3.107	0	%100
170	MP1B	Z	1.794	1.794	0	%100
171	MP3B	X	-3.107	-3.107	0	%100
172	MP3B	Z	1.794	1.794	0	%100
173	M211	X	-.777	-.777	0	%100
174	M211	Z	.449	.449	0	%100
175	M215	X	-3.107	-3.107	0	%100
176	M215	Z	1.794	1.794	0	%100
177	M219	X	-.777	-.777	0	%100
178	M219	Z	.449	.449	0	%100
179	M222	X	-1.212	-1.212	0	%100
180	M222	Z	.7	.7	0	%100
181	M223	X	-1.212	-1.212	0	%100
182	M223	Z	.7	.7	0	%100
183	M226	X	-4.849	-4.849	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%,]	End Location[ft.%,]
184	M226	Z	2.8	2.8	0	%100
185	M227	X	-4.849	-4.849	0	%100
186	M227	Z	2.8	2.8	0	%100
187	M230	X	-1.212	-1.212	0	%100
188	M230	Z	.7	.7	0	%100
189	M231	X	-1.212	-1.212	0	%100
190	M231	Z	.7	.7	0	%100
191	M238	X	-2.884	-2.884	0	%100
192	M238	Z	1.665	1.665	0	%100
193	M239	X	-.721	-.721	0	%100
194	M239	Z	.416	.416	0	%100
195	M240	X	-.721	-.721	0	%100
196	M240	Z	.416	.416	0	%100
197	OVP	X	-3.107	-3.107	0	%100
198	OVP	Z	1.794	1.794	0	%100
199	MP2C	X	-3.107	-3.107	0	%100
200	MP2C	Z	1.794	1.794	0	%100
201	MP4C	X	-3.107	-3.107	0	%100
202	MP4C	Z	1.794	1.794	0	%100
203	MP2B	X	-3.107	-3.107	0	%100
204	MP2B	Z	1.794	1.794	0	%100
205	MP4B	X	-3.107	-3.107	0	%100
206	MP4B	Z	1.794	1.794	0	%100
207	M243A	X	-.169	-.169	0	%100
208	M243A	Z	.098	.098	0	%100
209	M244A	X	-3.533	-3.533	0	%100
210	M244A	Z	2.04	2.04	0	%100
211	M245A	X	-2.155	-2.155	0	%100
212	M245A	Z	1.244	1.244	0	%100
213	M246A	X	-2.155	-2.155	0	%100
214	M246A	Z	1.244	1.244	0	%100
215	M247A	X	-3.533	-3.533	0	%100
216	M247A	Z	2.04	2.04	0	%100
217	M248A	X	-.169	-.169	0	%100
218	M248A	Z	.098	.098	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%,]	End Location[ft.%,]
1	M1	X	-3.294	-3.294	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	-5.39	-5.39	0	%100
4	M4	Z	0	0	0	%100
5	M5	X	-5.39	-5.39	0	%100
6	M5	Z	0	0	0	%100
7	M18	X	0	0	0	%100
8	M18	Z	0	0	0	%100
9	M19	X	-2.222	-2.222	0	%100
10	M19	Z	0	0	0	%100
11	M20	X	-2.222	-2.222	0	%100
12	M20	Z	0	0	0	%100
13	M21	X	0	0	0	%100
14	M21	Z	0	0	0	%100
15	M22	X	0	0	0	%100
16	M22	Z	0	0	0	%100
17	M28	X	-4.032	-4.032	0	%100
18	M28	Z	0	0	0	%100



Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
 1:35 PM  
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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, %]
19	M29	X	-4.032	-4.032	0 %100
20	M29	Z	0	0	0 %100
21	M27A	X	-2.222	-2.222	0 %100
22	M27A	Z	0	0	0 %100
23	M28A	X	-2.222	-2.222	0 %100
24	M28A	Z	0	0	0 %100
25	M29A	X	0	0	0 %100
26	M29A	Z	0	0	0 %100
27	M44	X	-1.749	-1.749	0 %100
28	M44	Z	0	0	0 %100
29	M47	X	-11.089	-11.089	0 %100
30	M47	Z	0	0	0 %100
31	M48	X	-11.089	-11.089	0 %100
32	M48	Z	0	0	0 %100
33	M51	X	0	0	0 %100
34	M51	Z	0	0	0 %100
35	M52	X	-.823	-.823	0 %100
36	M52	Z	0	0	0 %100
37	M55	X	-1.347	-1.347	0 %100
38	M55	Z	0	0	0 %100
39	M56	X	-1.347	-1.347	0 %100
40	M56	Z	0	0	0 %100
41	M69	X	-2.069	-2.069	0 %100
42	M69	Z	0	0	0 %100
43	M70	X	0	0	0 %100
44	M70	Z	0	0	0 %100
45	M71	X	-2.222	-2.222	0 %100
46	M71	Z	0	0	0 %100
47	M72	X	-2.486	-2.486	0 %100
48	M72	Z	0	0	0 %100
49	M73	X	-2.069	-2.069	0 %100
50	M73	Z	0	0	0 %100
51	M76	X	0	0	0 %100
52	M76	Z	0	0	0 %100
53	M77	X	-4.032	-4.032	0 %100
54	M77	Z	0	0	0 %100
55	M78	X	0	0	0 %100
56	M78	Z	0	0	0 %100
57	M79	X	-2.222	-2.222	0 %100
58	M79	Z	0	0	0 %100
59	M80	X	-2.486	-2.486	0 %100
60	M80	Z	0	0	0 %100
61	M95	X	-3.113	-3.113	0 %100
62	M95	Z	0	0	0 %100
63	M98	X	-5.841	-5.841	0 %100
64	M98	Z	0	0	0 %100
65	M99	X	-5.841	-5.841	0 %100
66	M99	Z	0	0	0 %100
67	M102	X	-3.017	-3.017	0 %100
68	M102	Z	0	0	0 %100
69	M103	X	-.823	-.823	0 %100
70	M103	Z	0	0	0 %100
71	M106	X	-1.347	-1.347	0 %100
72	M106	Z	0	0	0 %100
73	M107	X	-1.347	-1.347	0 %100
74	M107	Z	0	0	0 %100
75	M120	X	-2.069	-2.069	0 %100



Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
 1:35 PM  
 Checked By: \_\_\_\_\_

**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, %]	
76	M120	Z	0	0	0	%100
77	M121	X	-2.222	-2.222	0	%100
78	M121	Z	0	0	0	%100
79	M122	X	0	0	0	%100
80	M122	Z	0	0	0	%100
81	M123	X	-2.486	-2.486	0	%100
82	M123	Z	0	0	0	%100
83	M124	X	-2.069	-2.069	0	%100
84	M124	Z	0	0	0	%100
85	M127	X	-4.032	-4.032	0	%100
86	M127	Z	0	0	0	%100
87	M128	X	0	0	0	%100
88	M128	Z	0	0	0	%100
89	M129	X	-2.222	-2.222	0	%100
90	M129	Z	0	0	0	%100
91	M130	X	0	0	0	%100
92	M130	Z	0	0	0	%100
93	M131	X	-2.486	-2.486	0	%100
94	M131	Z	0	0	0	%100
95	M146	X	-3.113	-3.113	0	%100
96	M146	Z	0	0	0	%100
97	M149	X	-5.841	-5.841	0	%100
98	M149	Z	0	0	0	%100
99	M150	X	-5.841	-5.841	0	%100
100	M150	Z	0	0	0	%100
101	M153	X	-3.017	-3.017	0	%100
102	M153	Z	0	0	0	%100
103	M148A	X	0	0	0	%100
104	M148A	Z	0	0	0	%100
105	M149A	X	-4.735	-4.735	0	%100
106	M149A	Z	0	0	0	%100
107	M150A	X	-4.735	-4.735	0	%100
108	M150A	Z	0	0	0	%100
109	M151A	X	0	0	0	%100
110	M151A	Z	0	0	0	%100
111	M152A	X	-4.84	-4.84	0	%100
112	M152A	Z	0	0	0	%100
113	M154	X	-2.691	-2.691	0	%100
114	M154	Z	0	0	0	%100
115	M157	X	-2.691	-2.691	0	%100
116	M157	Z	0	0	0	%100
117	M166	X	0	0	0	%100
118	M166	Z	0	0	0	%100
119	M162A	X	-4.84	-4.84	0	%100
120	M162A	Z	0	0	0	%100
121	M163A	X	0	0	0	%100
122	M163A	Z	0	0	0	%100
123	M164A	X	-1.21	-1.21	0	%100
124	M164A	Z	0	0	0	%100
125	M165A	X	-3.63	-3.63	0	%100
126	M165A	Z	0	0	0	%100
127	M166A	X	-1.21	-1.21	0	%100
128	M166A	Z	0	0	0	%100
129	M167	X	-3.63	-3.63	0	%100
130	M167	Z	0	0	0	%100
131	M168	X	-1.21	-1.21	0	%100
132	M168	Z	0	0	0	%100

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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
133	M169	X	-3.63	-3.63	0 %100
134	M169	Z	0	0	0 %100
135	M170	X	-1.21	-1.21	0 %100
136	M170	Z	0	0	0 %100
137	M171	X	-3.63	-3.63	0 %100
138	M171	Z	0	0	0 %100
139	M172	X	0	0	0 %100
140	M172	Z	0	0	0 %100
141	M173	X	-2.501	-2.501	0 %100
142	M173	Z	0	0	0 %100
143	M174	X	-2.501	-2.501	0 %100
144	M174	Z	0	0	0 %100
145	M175	X	0	0	0 %100
146	M175	Z	0	0	0 %100
147	M176	X	-2.691	-2.691	0 %100
148	M176	Z	0	0	0 %100
149	M177	X	-2.691	-2.691	0 %100
150	M177	Z	0	0	0 %100
151	MP5A	X	-3.588	-3.588	0 %100
152	MP5A	Z	0	0	0 %100
153	MP1A	X	-3.588	-3.588	0 %100
154	MP1A	Z	0	0	0 %100
155	MP2A	X	-3.588	-3.588	0 %100
156	MP2A	Z	0	0	0 %100
157	MP3A	X	-3.588	-3.588	0 %100
158	MP3A	Z	0	0	0 %100
159	MP4A	X	-3.588	-3.588	0 %100
160	MP4A	Z	0	0	0 %100
161	MP5C	X	-3.588	-3.588	0 %100
162	MP5C	Z	0	0	0 %100
163	MP1C	X	-3.588	-3.588	0 %100
164	MP1C	Z	0	0	0 %100
165	MP3C	X	-3.588	-3.588	0 %100
166	MP3C	Z	0	0	0 %100
167	MP5B	X	-3.588	-3.588	0 %100
168	MP5B	Z	0	0	0 %100
169	MP1B	X	-3.588	-3.588	0 %100
170	MP1B	Z	0	0	0 %100
171	MP3B	X	-3.588	-3.588	0 %100
172	MP3B	Z	0	0	0 %100
173	M211	X	0	0	0 %100
174	M211	Z	0	0	0 %100
175	M215	X	-2.691	-2.691	0 %100
176	M215	Z	0	0	0 %100
177	M219	X	-2.691	-2.691	0 %100
178	M219	Z	0	0	0 %100
179	M222	X	0	0	0 %100
180	M222	Z	0	0	0 %100
181	M223	X	0	0	0 %100
182	M223	Z	0	0	0 %100
183	M226	X	-4.2	-4.2	0 %100
184	M226	Z	0	0	0 %100
185	M227	X	-4.2	-4.2	0 %100
186	M227	Z	0	0	0 %100
187	M230	X	-4.2	-4.2	0 %100
188	M230	Z	0	0	0 %100
189	M231	X	-4.2	-4.2	0 %100



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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%]	End Location[ft.%]
190	M231	Z	0	0	0	%100
191	M238	X	-2.498	-2.498	0	%100
192	M238	Z	0	0	0	%100
193	M239	X	-2.498	-2.498	0	%100
194	M239	Z	0	0	0	%100
195	M240	X	0	0	0	%100
196	M240	Z	0	0	0	%100
197	OVP	X	-3.588	-3.588	0	%100
198	OVP	Z	0	0	0	%100
199	MP2C	X	-3.588	-3.588	0	%100
200	MP2C	Z	0	0	0	%100
201	MP4C	X	-3.588	-3.588	0	%100
202	MP4C	Z	0	0	0	%100
203	MP2B	X	-3.588	-3.588	0	%100
204	MP2B	Z	0	0	0	%100
205	MP4B	X	-3.588	-3.588	0	%100
206	MP4B	Z	0	0	0	%100
207	M243A	X	-2.021	-2.021	0	%100
208	M243A	Z	0	0	0	%100
209	M244A	X	-2.021	-2.021	0	%100
210	M244A	Z	0	0	0	%100
211	M245A	X	-.43	-.43	0	%100
212	M245A	Z	0	0	0	%100
213	M246A	X	-4.314	-4.314	0	%100
214	M246A	Z	0	0	0	%100
215	M247A	X	-4.314	-4.314	0	%100
216	M247A	Z	0	0	0	%100
217	M248A	X	-.43	-.43	0	%100
218	M248A	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	-2.139	-2.139	0	%100
2	M1	Z	-1.235	-1.235	0	%100
3	M4	X	-3.501	-3.501	0	%100
4	M4	Z	-2.021	-2.021	0	%100
5	M5	X	-3.501	-3.501	0	%100
6	M5	Z	-2.021	-2.021	0	%100
7	M18	X	-.597	-.597	0	%100
8	M18	Z	-.345	-.345	0	%100
9	M19	X	-2.566	-2.566	0	%100
10	M19	Z	-1.481	-1.481	0	%100
11	M20	X	-.641	-.641	0	%100
12	M20	Z	-.37	-.37	0	%100
13	M21	X	-.718	-.718	0	%100
14	M21	Z	-.414	-.414	0	%100
15	M22	X	-.597	-.597	0	%100
16	M22	Z	-.345	-.345	0	%100
17	M28	X	-4.656	-4.656	0	%100
18	M28	Z	-2.688	-2.688	0	%100
19	M29	X	-1.164	-1.164	0	%100
20	M29	Z	-.672	-.672	0	%100
21	M27A	X	-2.566	-2.566	0	%100
22	M27A	Z	-1.481	-1.481	0	%100
23	M28A	X	-.641	-.641	0	%100
24	M28A	Z	-.37	-.37	0	%100



Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
 1:35 PM  
 Checked By: \_\_\_\_\_

**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, %]
25	M29A	X	-7.18	-7.18	0 %100
26	M29A	Z	-4.14	-4.14	0 %100
27	M44	X	-2.696	-2.696	0 %100
28	M44	Z	-1.557	-1.557	0 %100
29	M47	X	-7.529	-7.529	0 %100
30	M47	Z	-4.347	-4.347	0 %100
31	M48	X	-7.529	-7.529	0 %100
32	M48	Z	-4.347	-4.347	0 %100
33	M51	X	-871	-871	0 %100
34	M51	Z	-503	-503	0 %100
35	M52	X	-2.139	-2.139	0 %100
36	M52	Z	-1.235	-1.235	0 %100
37	M55	X	-3.501	-3.501	0 %100
38	M55	Z	-2.021	-2.021	0 %100
39	M56	X	-3.501	-3.501	0 %100
40	M56	Z	-2.021	-2.021	0 %100
41	M69	X	-597	-597	0 %100
42	M69	Z	-345	-345	0 %100
43	M70	X	-641	-641	0 %100
44	M70	Z	-37	-37	0 %100
45	M71	X	-2.566	-2.566	0 %100
46	M71	Z	-1.481	-1.481	0 %100
47	M72	X	-7.18	-7.18	0 %100
48	M72	Z	-4.14	-4.14	0 %100
49	M73	X	-597	-597	0 %100
50	M73	Z	-345	-345	0 %100
51	M76	X	-1.164	-1.164	0 %100
52	M76	Z	-672	-672	0 %100
53	M77	X	-4.656	-4.656	0 %100
54	M77	Z	-2.688	-2.688	0 %100
55	M78	X	-641	-641	0 %100
56	M78	Z	-37	-37	0 %100
57	M79	X	-2.566	-2.566	0 %100
58	M79	Z	-1.481	-1.481	0 %100
59	M80	X	-7.18	-7.18	0 %100
60	M80	Z	-4.14	-4.14	0 %100
61	M95	X	-5.059	-5.059	0 %100
62	M95	Z	-2.921	-2.921	0 %100
63	M98	X	-2.696	-2.696	0 %100
64	M98	Z	-1.557	-1.557	0 %100
65	M99	X	-2.696	-2.696	0 %100
66	M99	Z	-1.557	-1.557	0 %100
67	M102	X	-871	-871	0 %100
68	M102	Z	-503	-503	0 %100
69	M103	X	0	0	0 %100
70	M103	Z	0	0	0 %100
71	M106	X	0	0	0 %100
72	M106	Z	0	0	0 %100
73	M107	X	0	0	0 %100
74	M107	Z	0	0	0 %100
75	M120	X	-2.389	-2.389	0 %100
76	M120	Z	-1.379	-1.379	0 %100
77	M121	X	-641	-641	0 %100
78	M121	Z	-37	-37	0 %100
79	M122	X	-641	-641	0 %100
80	M122	Z	-37	-37	0 %100
81	M123	X	-2.871	-2.871	0 %100



Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
 1:35 PM  
 Checked By: \_\_\_\_\_

**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.%]
82	M123	Z	-1.657	-1.657	0	%100
83	M124	X	-2.389	-2.389	0	%100
84	M124	Z	-1.379	-1.379	0	%100
85	M127	X	-1.164	-1.164	0	%100
86	M127	Z	-.672	-.672	0	%100
87	M128	X	-1.164	-1.164	0	%100
88	M128	Z	-.672	-.672	0	%100
89	M129	X	-.641	-.641	0	%100
90	M129	Z	-.37	-.37	0	%100
91	M130	X	-.641	-.641	0	%100
92	M130	Z	-.37	-.37	0	%100
93	M131	X	-2.871	-2.871	0	%100
94	M131	Z	-1.657	-1.657	0	%100
95	M146	X	-1.515	-1.515	0	%100
96	M146	Z	-.875	-.875	0	%100
97	M149	X	-6.24	-6.24	0	%100
98	M149	Z	-3.603	-3.603	0	%100
99	M150	X	-6.24	-6.24	0	%100
100	M150	Z	-3.603	-3.603	0	%100
101	M153	X	-3.484	-3.484	0	%100
102	M153	Z	-2.011	-2.011	0	%100
103	M148A	X	-1.367	-1.367	0	%100
104	M148A	Z	-.789	-.789	0	%100
105	M149A	X	-1.367	-1.367	0	%100
106	M149A	Z	-.789	-.789	0	%100
107	M150A	X	-5.468	-5.468	0	%100
108	M150A	Z	-3.157	-3.157	0	%100
109	M151A	X	-.777	-.777	0	%100
110	M151A	Z	-.449	-.449	0	%100
111	M152A	X	-3.143	-3.143	0	%100
112	M152A	Z	-1.815	-1.815	0	%100
113	M154	X	-.777	-.777	0	%100
114	M154	Z	-.449	-.449	0	%100
115	M157	X	-3.107	-3.107	0	%100
116	M157	Z	-1.794	-1.794	0	%100
117	M166	X	-1.048	-1.048	0	%100
118	M166	Z	-.605	-.605	0	%100
119	M162A	X	-3.143	-3.143	0	%100
120	M162A	Z	-1.815	-1.815	0	%100
121	M163A	X	-1.048	-1.048	0	%100
122	M163A	Z	-.605	-.605	0	%100
123	M164A	X	-3.143	-3.143	0	%100
124	M164A	Z	-1.815	-1.815	0	%100
125	M165A	X	-1.048	-1.048	0	%100
126	M165A	Z	-.605	-.605	0	%100
127	M166A	X	-3.143	-3.143	0	%100
128	M166A	Z	-1.815	-1.815	0	%100
129	M167	X	-1.048	-1.048	0	%100
130	M167	Z	-.605	-.605	0	%100
131	M168	X	0	0	0	%100
132	M168	Z	0	0	0	%100
133	M169	X	-4.191	-4.191	0	%100
134	M169	Z	-2.42	-2.42	0	%100
135	M170	X	0	0	0	%100
136	M170	Z	0	0	0	%100
137	M171	X	-4.191	-4.191	0	%100
138	M171	Z	-2.42	-2.42	0	%100



Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
 1:35 PM  
 Checked By: \_\_\_\_\_

**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, %]
139	M172	X	-722	-722	0 %100
140	M172	Z	-417	-417	0 %100
141	M173	X	-722	-722	0 %100
142	M173	Z	-417	-417	0 %100
143	M174	X	-2.887	-2.887	0 %100
144	M174	Z	-1.667	-1.667	0 %100
145	M175	X	-777	-777	0 %100
146	M175	Z	-449	-449	0 %100
147	M176	X	-777	-777	0 %100
148	M176	Z	-449	-449	0 %100
149	M177	X	-3.107	-3.107	0 %100
150	M177	Z	-1.794	-1.794	0 %100
151	MP5A	X	-3.107	-3.107	0 %100
152	MP5A	Z	-1.794	-1.794	0 %100
153	MP1A	X	-3.107	-3.107	0 %100
154	MP1A	Z	-1.794	-1.794	0 %100
155	MP2A	X	-3.107	-3.107	0 %100
156	MP2A	Z	-1.794	-1.794	0 %100
157	MP3A	X	-3.107	-3.107	0 %100
158	MP3A	Z	-1.794	-1.794	0 %100
159	MP4A	X	-3.107	-3.107	0 %100
160	MP4A	Z	-1.794	-1.794	0 %100
161	MP5C	X	-3.107	-3.107	0 %100
162	MP5C	Z	-1.794	-1.794	0 %100
163	MP1C	X	-3.107	-3.107	0 %100
164	MP1C	Z	-1.794	-1.794	0 %100
165	MP3C	X	-3.107	-3.107	0 %100
166	MP3C	Z	-1.794	-1.794	0 %100
167	MP5B	X	-3.107	-3.107	0 %100
168	MP5B	Z	-1.794	-1.794	0 %100
169	MP1B	X	-3.107	-3.107	0 %100
170	MP1B	Z	-1.794	-1.794	0 %100
171	MP3B	X	-3.107	-3.107	0 %100
172	MP3B	Z	-1.794	-1.794	0 %100
173	M211	X	-777	-777	0 %100
174	M211	Z	-449	-449	0 %100
175	M215	X	-777	-777	0 %100
176	M215	Z	-449	-449	0 %100
177	M219	X	-3.107	-3.107	0 %100
178	M219	Z	-1.794	-1.794	0 %100
179	M222	X	-1.212	-1.212	0 %100
180	M222	Z	-7	-7	0 %100
181	M223	X	-1.212	-1.212	0 %100
182	M223	Z	-7	-7	0 %100
183	M226	X	-1.212	-1.212	0 %100
184	M226	Z	-7	-7	0 %100
185	M227	X	-1.212	-1.212	0 %100
186	M227	Z	-7	-7	0 %100
187	M230	X	-4.849	-4.849	0 %100
188	M230	Z	-2.8	-2.8	0 %100
189	M231	X	-4.849	-4.849	0 %100
190	M231	Z	-2.8	-2.8	0 %100
191	M238	X	-721	-721	0 %100
192	M238	Z	-416	-416	0 %100
193	M239	X	-2.884	-2.884	0 %100
194	M239	Z	-1.665	-1.665	0 %100
195	M240	X	-721	-721	0 %100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
196	M240	Z	-416	-416	0	%100
197	OVP	X	-3.107	-3.107	0	%100
198	OVP	Z	-1.794	-1.794	0	%100
199	MP2C	X	-3.107	-3.107	0	%100
200	MP2C	Z	-1.794	-1.794	0	%100
201	MP4C	X	-3.107	-3.107	0	%100
202	MP4C	Z	-1.794	-1.794	0	%100
203	MP2B	X	-3.107	-3.107	0	%100
204	MP2B	Z	-1.794	-1.794	0	%100
205	MP4B	X	-3.107	-3.107	0	%100
206	MP4B	Z	-1.794	-1.794	0	%100
207	M243A	X	-3.533	-3.533	0	%100
208	M243A	Z	-2.04	-2.04	0	%100
209	M244A	X	-169	-169	0	%100
210	M244A	Z	-098	-098	0	%100
211	M245A	X	-169	-169	0	%100
212	M245A	Z	-098	-098	0	%100
213	M246A	X	-3.533	-3.533	0	%100
214	M246A	Z	-2.04	-2.04	0	%100
215	M247A	X	-2.155	-2.155	0	%100
216	M247A	Z	-1.244	-1.244	0	%100
217	M248A	X	-2.155	-2.155	0	%100
218	M248A	Z	-1.244	-1.244	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	-412	-412	0	%100
2	M1	Z	-713	-713	0	%100
3	M4	X	-674	-674	0	%100
4	M4	Z	-1.167	-1.167	0	%100
5	M5	X	-674	-674	0	%100
6	M5	Z	-1.167	-1.167	0	%100
7	M18	X	-1.035	-1.035	0	%100
8	M18	Z	-1.792	-1.792	0	%100
9	M19	X	-1.111	-1.111	0	%100
10	M19	Z	-1.924	-1.924	0	%100
11	M20	X	0	0	0	%100
12	M20	Z	0	0	0	%100
13	M21	X	-1.243	-1.243	0	%100
14	M21	Z	-2.153	-2.153	0	%100
15	M22	X	-1.035	-1.035	0	%100
16	M22	Z	-1.792	-1.792	0	%100
17	M28	X	-2.016	-2.016	0	%100
18	M28	Z	-3.492	-3.492	0	%100
19	M29	X	0	0	0	%100
20	M29	Z	0	0	0	%100
21	M27A	X	-1.111	-1.111	0	%100
22	M27A	Z	-1.924	-1.924	0	%100
23	M28A	X	0	0	0	%100
24	M28A	Z	0	0	0	%100
25	M29A	X	-1.243	-1.243	0	%100
26	M29A	Z	-2.153	-2.153	0	%100
27	M44	X	-2.921	-2.921	0	%100
28	M44	Z	-5.059	-5.059	0	%100
29	M47	X	-1.951	-1.951	0	%100
30	M47	Z	-3.379	-3.379	0	%100



Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
 1:35 PM  
 Checked By: \_\_\_\_\_

**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.%]
31	M48	X	-1.951	-1.951	0 %100
32	M48	Z	-3.379	-3.379	0 %100
33	M51	X	-1.508	-1.508	0 %100
34	M51	Z	-2.613	-2.613	0 %100
35	M52	X	-1.647	-1.647	0 %100
36	M52	Z	-2.852	-2.852	0 %100
37	M55	X	-2.695	-2.695	0 %100
38	M55	Z	-4.668	-4.668	0 %100
39	M56	X	-2.695	-2.695	0 %100
40	M56	Z	-4.668	-4.668	0 %100
41	M69	X	0	0	0 %100
42	M69	Z	0	0	0 %100
43	M70	X	-1.111	-1.111	0 %100
44	M70	Z	-1.924	-1.924	0 %100
45	M71	X	-1.111	-1.111	0 %100
46	M71	Z	-1.924	-1.924	0 %100
47	M72	X	0	0	0 %100
48	M72	Z	0	0	0 %100
49	M73	X	0	0	0 %100
50	M73	Z	0	0	0 %100
51	M76	X	-2.016	-2.016	0 %100
52	M76	Z	-3.492	-3.492	0 %100
53	M77	X	-2.016	-2.016	0 %100
54	M77	Z	-3.492	-3.492	0 %100
55	M78	X	-1.111	-1.111	0 %100
56	M78	Z	-1.924	-1.924	0 %100
57	M79	X	-1.111	-1.111	0 %100
58	M79	Z	-1.924	-1.924	0 %100
59	M80	X	0	0	0 %100
60	M80	Z	0	0	0 %100
61	M95	X	-3.603	-3.603	0 %100
62	M95	Z	-6.24	-6.24	0 %100
63	M98	X	-0.875	-0.875	0 %100
64	M98	Z	-1.515	-1.515	0 %100
65	M99	X	-0.875	-0.875	0 %100
66	M99	Z	-1.515	-1.515	0 %100
67	M102	X	0	0	0 %100
68	M102	Z	0	0	0 %100
69	M103	X	-0.412	-0.412	0 %100
70	M103	Z	-0.713	-0.713	0 %100
71	M106	X	-0.674	-0.674	0 %100
72	M106	Z	-1.167	-1.167	0 %100
73	M107	X	-0.674	-0.674	0 %100
74	M107	Z	-1.167	-1.167	0 %100
75	M120	X	-1.035	-1.035	0 %100
76	M120	Z	-1.792	-1.792	0 %100
77	M121	X	0	0	0 %100
78	M121	Z	0	0	0 %100
79	M122	X	-1.111	-1.111	0 %100
80	M122	Z	-1.924	-1.924	0 %100
81	M123	X	-1.243	-1.243	0 %100
82	M123	Z	-2.153	-2.153	0 %100
83	M124	X	-1.035	-1.035	0 %100
84	M124	Z	-1.792	-1.792	0 %100
85	M127	X	0	0	0 %100
86	M127	Z	0	0	0 %100
87	M128	X	-2.016	-2.016	0 %100



Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
 1:35 PM  
 Checked By: \_\_\_\_\_

**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.%]
88	M128	Z	-3.492	-3.492	0 %100
89	M129	X	0	0	0 %100
90	M129	Z	0	0	0 %100
91	M130	X	-1.111	-1.111	0 %100
92	M130	Z	-1.924	-1.924	0 %100
93	M131	X	-1.243	-1.243	0 %100
94	M131	Z	-2.153	-2.153	0 %100
95	M146	X	-1.557	-1.557	0 %100
96	M146	Z	-2.696	-2.696	0 %100
97	M149	X	-2.921	-2.921	0 %100
98	M149	Z	-5.059	-5.059	0 %100
99	M150	X	-2.921	-2.921	0 %100
100	M150	Z	-5.059	-5.059	0 %100
101	M153	X	-1.508	-1.508	0 %100
102	M153	Z	-2.613	-2.613	0 %100
103	M148A	X	-2.368	-2.368	0 %100
104	M148A	Z	-4.101	-4.101	0 %100
105	M149A	X	0	0	0 %100
106	M149A	Z	0	0	0 %100
107	M150A	X	-2.368	-2.368	0 %100
108	M150A	Z	-4.101	-4.101	0 %100
109	M151A	X	-1.346	-1.346	0 %100
110	M151A	Z	-2.331	-2.331	0 %100
111	M152A	X	-.605	-.605	0 %100
112	M152A	Z	-1.048	-1.048	0 %100
113	M154	X	0	0	0 %100
114	M154	Z	0	0	0 %100
115	M157	X	-1.346	-1.346	0 %100
116	M157	Z	-2.331	-2.331	0 %100
117	M166	X	-1.815	-1.815	0 %100
118	M166	Z	-3.143	-3.143	0 %100
119	M162A	X	-.605	-.605	0 %100
120	M162A	Z	-1.048	-1.048	0 %100
121	M163A	X	-1.815	-1.815	0 %100
122	M163A	Z	-3.143	-3.143	0 %100
123	M164A	X	-2.42	-2.42	0 %100
124	M164A	Z	-4.191	-4.191	0 %100
125	M165A	X	0	0	0 %100
126	M165A	Z	0	0	0 %100
127	M166A	X	-2.42	-2.42	0 %100
128	M166A	Z	-4.191	-4.191	0 %100
129	M167	X	0	0	0 %100
130	M167	Z	0	0	0 %100
131	M168	X	-.605	-.605	0 %100
132	M168	Z	-1.048	-1.048	0 %100
133	M169	X	-1.815	-1.815	0 %100
134	M169	Z	-3.143	-3.143	0 %100
135	M170	X	-.605	-.605	0 %100
136	M170	Z	-1.048	-1.048	0 %100
137	M171	X	-1.815	-1.815	0 %100
138	M171	Z	-3.143	-3.143	0 %100
139	M172	X	-1.25	-1.25	0 %100
140	M172	Z	-2.166	-2.166	0 %100
141	M173	X	0	0	0 %100
142	M173	Z	0	0	0 %100
143	M174	X	-1.25	-1.25	0 %100
144	M174	Z	-2.166	-2.166	0 %100



Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
 1:35 PM  
 Checked By: \_\_\_\_\_

**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, %]
145	M175	X	-1.346	-1.346	0 %100
146	M175	Z	-2.331	-2.331	0 %100
147	M176	X	0	0	0 %100
148	M176	Z	0	0	0 %100
149	M177	X	-1.346	-1.346	0 %100
150	M177	Z	-2.331	-2.331	0 %100
151	MP5A	X	-1.794	-1.794	0 %100
152	MP5A	Z	-3.107	-3.107	0 %100
153	MP1A	X	-1.794	-1.794	0 %100
154	MP1A	Z	-3.107	-3.107	0 %100
155	MP2A	X	-1.794	-1.794	0 %100
156	MP2A	Z	-3.107	-3.107	0 %100
157	MP3A	X	-1.794	-1.794	0 %100
158	MP3A	Z	-3.107	-3.107	0 %100
159	MP4A	X	-1.794	-1.794	0 %100
160	MP4A	Z	-3.107	-3.107	0 %100
161	MP5C	X	-1.794	-1.794	0 %100
162	MP5C	Z	-3.107	-3.107	0 %100
163	MP1C	X	-1.794	-1.794	0 %100
164	MP1C	Z	-3.107	-3.107	0 %100
165	MP3C	X	-1.794	-1.794	0 %100
166	MP3C	Z	-3.107	-3.107	0 %100
167	MP5B	X	-1.794	-1.794	0 %100
168	MP5B	Z	-3.107	-3.107	0 %100
169	MP1B	X	-1.794	-1.794	0 %100
170	MP1B	Z	-3.107	-3.107	0 %100
171	MP3B	X	-1.794	-1.794	0 %100
172	MP3B	Z	-3.107	-3.107	0 %100
173	M211	X	-1.346	-1.346	0 %100
174	M211	Z	-2.331	-2.331	0 %100
175	M215	X	0	0	0 %100
176	M215	Z	0	0	0 %100
177	M219	X	-1.346	-1.346	0 %100
178	M219	Z	-2.331	-2.331	0 %100
179	M222	X	-2.1	-2.1	0 %100
180	M222	Z	-3.637	-3.637	0 %100
181	M223	X	-2.1	-2.1	0 %100
182	M223	Z	-3.637	-3.637	0 %100
183	M226	X	0	0	0 %100
184	M226	Z	0	0	0 %100
185	M227	X	0	0	0 %100
186	M227	Z	0	0	0 %100
187	M230	X	-2.1	-2.1	0 %100
188	M230	Z	-3.637	-3.637	0 %100
189	M231	X	-2.1	-2.1	0 %100
190	M231	Z	-3.637	-3.637	0 %100
191	M238	X	0	0	0 %100
192	M238	Z	0	0	0 %100
193	M239	X	-1.249	-1.249	0 %100
194	M239	Z	-2.163	-2.163	0 %100
195	M240	X	-1.249	-1.249	0 %100
196	M240	Z	-2.163	-2.163	0 %100
197	OVP	X	-1.794	-1.794	0 %100
198	OVP	Z	-3.107	-3.107	0 %100
199	MP2C	X	-1.794	-1.794	0 %100
200	MP2C	Z	-3.107	-3.107	0 %100
201	MP4C	X	-1.794	-1.794	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, %]
202	MP4C	Z	-3.107	-3.107	0	%100
203	MP2B	X	-1.794	-1.794	0	%100
204	MP2B	Z	-3.107	-3.107	0	%100
205	MP4B	X	-1.794	-1.794	0	%100
206	MP4B	Z	-3.107	-3.107	0	%100
207	M243A	X	-2.157	-2.157	0	%100
208	M243A	Z	-3.736	-3.736	0	%100
209	M244A	X	-.215	-.215	0	%100
210	M244A	Z	-.372	-.372	0	%100
211	M245A	X	-1.01	-1.01	0	%100
212	M245A	Z	-1.75	-1.75	0	%100
213	M246A	X	-1.01	-1.01	0	%100
214	M246A	Z	-1.75	-1.75	0	%100
215	M247A	X	-.215	-.215	0	%100
216	M247A	Z	-.372	-.372	0	%100
217	M248A	X	-2.157	-2.157	0	%100
218	M248A	Z	-3.736	-3.736	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M5	X	0	0	0	%100
6	M5	Z	0	0	0	%100
7	M18	X	0	0	0	%100
8	M18	Z	-.598	-.598	0	%100
9	M19	X	0	0	0	%100
10	M19	Z	-.161	-.161	0	%100
11	M20	X	0	0	0	%100
12	M20	Z	-.161	-.161	0	%100
13	M21	X	0	0	0	%100
14	M21	Z	-.722	-.722	0	%100
15	M22	X	0	0	0	%100
16	M22	Z	-.598	-.598	0	%100
17	M28	X	0	0	0	%100
18	M28	Z	-.369	-.369	0	%100
19	M29	X	0	0	0	%100
20	M29	Z	-.369	-.369	0	%100
21	M27A	X	0	0	0	%100
22	M27A	Z	-.161	-.161	0	%100
23	M28A	X	0	0	0	%100
24	M28A	Z	-.161	-.161	0	%100
25	M29A	X	0	0	0	%100
26	M29A	Z	-.722	-.722	0	%100
27	M44	X	0	0	0	%100
28	M44	Z	-2.188	-2.188	0	%100
29	M47	X	0	0	0	%100
30	M47	Z	-.137	-.137	0	%100
31	M48	X	0	0	0	%100
32	M48	Z	-.137	-.137	0	%100
33	M51	X	0	0	0	%100
34	M51	Z	-.806	-.806	0	%100
35	M52	X	0	0	0	%100
36	M52	Z	-.5	-.5	0	%100



Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
 1:35 PM  
 Checked By: \_\_\_\_\_

**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, %]	
37	M55	X	0	0	0	%100
38	M55	Z	-1.037	-1.037	0	%100
39	M56	X	0	0	0	%100
40	M56	Z	-1.037	-1.037	0	%100
41	M69	X	0	0	0	%100
42	M69	Z	-.149	-.149	0	%100
43	M70	X	0	0	0	%100
44	M70	Z	-.646	-.646	0	%100
45	M71	X	0	0	0	%100
46	M71	Z	-.161	-.161	0	%100
47	M72	X	0	0	0	%100
48	M72	Z	-.18	-.18	0	%100
49	M73	X	0	0	0	%100
50	M73	Z	-.149	-.149	0	%100
51	M76	X	0	0	0	%100
52	M76	Z	-1.474	-1.474	0	%100
53	M77	X	0	0	0	%100
54	M77	Z	-.369	-.369	0	%100
55	M78	X	0	0	0	%100
56	M78	Z	-.646	-.646	0	%100
57	M79	X	0	0	0	%100
58	M79	Z	-.161	-.161	0	%100
59	M80	X	0	0	0	%100
60	M80	Z	-.18	-.18	0	%100
61	M95	X	0	0	0	%100
62	M95	Z	-1.697	-1.697	0	%100
63	M98	X	0	0	0	%100
64	M98	Z	-.715	-.715	0	%100
65	M99	X	0	0	0	%100
66	M99	Z	-.715	-.715	0	%100
67	M102	X	0	0	0	%100
68	M102	Z	-.202	-.202	0	%100
69	M103	X	0	0	0	%100
70	M103	Z	-.5	-.5	0	%100
71	M106	X	0	0	0	%100
72	M106	Z	-1.037	-1.037	0	%100
73	M107	X	0	0	0	%100
74	M107	Z	-1.037	-1.037	0	%100
75	M120	X	0	0	0	%100
76	M120	Z	-.149	-.149	0	%100
77	M121	X	0	0	0	%100
78	M121	Z	-.161	-.161	0	%100
79	M122	X	0	0	0	%100
80	M122	Z	-.646	-.646	0	%100
81	M123	X	0	0	0	%100
82	M123	Z	-.18	-.18	0	%100
83	M124	X	0	0	0	%100
84	M124	Z	-.149	-.149	0	%100
85	M127	X	0	0	0	%100
86	M127	Z	-.369	-.369	0	%100
87	M128	X	0	0	0	%100
88	M128	Z	-1.474	-1.474	0	%100
89	M129	X	0	0	0	%100
90	M129	Z	-.161	-.161	0	%100
91	M130	X	0	0	0	%100
92	M130	Z	-.646	-.646	0	%100
93	M131	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
94	M131	Z	-.18	-.18	0	%100
95	M146	X	0	0	0	%100
96	M146	Z	-1.697	-1.697	0	%100
97	M149	X	0	0	0	%100
98	M149	Z	-.715	-.715	0	%100
99	M150	X	0	0	0	%100
100	M150	Z	-.715	-.715	0	%100
101	M153	X	0	0	0	%100
102	M153	Z	-.202	-.202	0	%100
103	M148A	X	0	0	0	%100
104	M148A	Z	-1.689	-1.689	0	%100
105	M149A	X	0	0	0	%100
106	M149A	Z	-.422	-.422	0	%100
107	M150A	X	0	0	0	%100
108	M150A	Z	-.422	-.422	0	%100
109	M151A	X	0	0	0	%100
110	M151A	Z	-.65	-.65	0	%100
111	M152A	X	0	0	0	%100
112	M152A	Z	0	0	0	%100
113	M154	X	0	0	0	%100
114	M154	Z	-.162	-.162	0	%100
115	M157	X	0	0	0	%100
116	M157	Z	-.162	-.162	0	%100
117	M166	X	0	0	0	%100
118	M166	Z	-1.368	-1.368	0	%100
119	M162A	X	0	0	0	%100
120	M162A	Z	0	0	0	%100
121	M163A	X	0	0	0	%100
122	M163A	Z	-1.368	-1.368	0	%100
123	M164A	X	0	0	0	%100
124	M164A	Z	-1.026	-1.026	0	%100
125	M165A	X	0	0	0	%100
126	M165A	Z	-.342	-.342	0	%100
127	M166A	X	0	0	0	%100
128	M166A	Z	-1.026	-1.026	0	%100
129	M167	X	0	0	0	%100
130	M167	Z	-.342	-.342	0	%100
131	M168	X	0	0	0	%100
132	M168	Z	-1.026	-1.026	0	%100
133	M169	X	0	0	0	%100
134	M169	Z	-.342	-.342	0	%100
135	M170	X	0	0	0	%100
136	M170	Z	-1.026	-1.026	0	%100
137	M171	X	0	0	0	%100
138	M171	Z	-.342	-.342	0	%100
139	M172	X	0	0	0	%100
140	M172	Z	-.602	-.602	0	%100
141	M173	X	0	0	0	%100
142	M173	Z	-.151	-.151	0	%100
143	M174	X	0	0	0	%100
144	M174	Z	-.151	-.151	0	%100
145	M175	X	0	0	0	%100
146	M175	Z	-.65	-.65	0	%100
147	M176	X	0	0	0	%100
148	M176	Z	-.162	-.162	0	%100
149	M177	X	0	0	0	%100
150	M177	Z	-.162	-.162	0	%100

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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]	
151	MP5A	X	0	0	0	%100
152	MP5A	Z	-0.65	-0.65	0	%100
153	MP1A	X	0	0	0	%100
154	MP1A	Z	-0.65	-0.65	0	%100
155	MP2A	X	0	0	0	%100
156	MP2A	Z	-0.65	-0.65	0	%100
157	MP3A	X	0	0	0	%100
158	MP3A	Z	-0.65	-0.65	0	%100
159	MP4A	X	0	0	0	%100
160	MP4A	Z	-0.65	-0.65	0	%100
161	MP5C	X	0	0	0	%100
162	MP5C	Z	-0.65	-0.65	0	%100
163	MP1C	X	0	0	0	%100
164	MP1C	Z	-0.65	-0.65	0	%100
165	MP3C	X	0	0	0	%100
166	MP3C	Z	-0.65	-0.65	0	%100
167	MP5B	X	0	0	0	%100
168	MP5B	Z	-0.65	-0.65	0	%100
169	MP1B	X	0	0	0	%100
170	MP1B	Z	-0.65	-0.65	0	%100
171	MP3B	X	0	0	0	%100
172	MP3B	Z	-0.65	-0.65	0	%100
173	M211	X	0	0	0	%100
174	M211	Z	-0.65	-0.65	0	%100
175	M215	X	0	0	0	%100
176	M215	Z	-0.162	-0.162	0	%100
177	M219	X	0	0	0	%100
178	M219	Z	-0.162	-0.162	0	%100
179	M222	X	0	0	0	%100
180	M222	Z	-1.641	-1.641	0	%100
181	M223	X	0	0	0	%100
182	M223	Z	-1.641	-1.641	0	%100
183	M226	X	0	0	0	%100
184	M226	Z	-0.41	-0.41	0	%100
185	M227	X	0	0	0	%100
186	M227	Z	-0.41	-0.41	0	%100
187	M230	X	0	0	0	%100
188	M230	Z	-0.41	-0.41	0	%100
189	M231	X	0	0	0	%100
190	M231	Z	-0.41	-0.41	0	%100
191	M238	X	0	0	0	%100
192	M238	Z	-0.194	-0.194	0	%100
193	M239	X	0	0	0	%100
194	M239	Z	-0.194	-0.194	0	%100
195	M240	X	0	0	0	%100
196	M240	Z	-0.776	-0.776	0	%100
197	OVP	X	0	0	0	%100
198	OVP	Z	-0.65	-0.65	0	%100
199	MP2C	X	0	0	0	%100
200	MP2C	Z	-0.65	-0.65	0	%100
201	MP4C	X	0	0	0	%100
202	MP4C	Z	-0.65	-0.65	0	%100
203	MP2B	X	0	0	0	%100
204	MP2B	Z	-0.65	-0.65	0	%100
205	MP4B	X	0	0	0	%100
206	MP4B	Z	-0.65	-0.65	0	%100
207	M243A	X	0	0	0	%100



Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
 1:35 PM  
 Checked By: \_\_\_\_\_

**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.%,]
208	M243A	Z	-.57	-.57	0	%100
209	M244A	X	0	0	0	%100
210	M244A	Z	-.57	-.57	0	%100
211	M245A	X	0	0	0	%100
212	M245A	Z	-.935	-.935	0	%100
213	M246A	X	0	0	0	%100
214	M246A	Z	-.045	-.045	0	%100
215	M247A	X	0	0	0	%100
216	M247A	Z	-.045	-.045	0	%100
217	M248A	X	0	0	0	%100
218	M248A	Z	-.935	-.935	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	.083	.083	0	%100
2	M1	Z	-.144	-.144	0	%100
3	M4	X	.173	.173	0	%100
4	M4	Z	-.299	-.299	0	%100
5	M5	X	.173	.173	0	%100
6	M5	Z	-.299	-.299	0	%100
7	M18	X	.224	.224	0	%100
8	M18	Z	-.388	-.388	0	%100
9	M19	X	0	0	0	%100
10	M19	Z	0	0	0	%100
11	M20	X	.242	.242	0	%100
12	M20	Z	-.42	-.42	0	%100
13	M21	X	.271	.271	0	%100
14	M21	Z	-.469	-.469	0	%100
15	M22	X	.224	.224	0	%100
16	M22	Z	-.388	-.388	0	%100
17	M28	X	0	0	0	%100
18	M28	Z	0	0	0	%100
19	M29	X	.553	.553	0	%100
20	M29	Z	-.957	-.957	0	%100
21	M27A	X	0	0	0	%100
22	M27A	Z	0	0	0	%100
23	M28A	X	.242	.242	0	%100
24	M28A	Z	-.42	-.42	0	%100
25	M29A	X	.271	.271	0	%100
26	M29A	Z	-.469	-.469	0	%100
27	M44	X	.849	.849	0	%100
28	M44	Z	-1.47	-1.47	0	%100
29	M47	X	.5	.5	0	%100
30	M47	Z	-.865	-.865	0	%100
31	M48	X	.5	.5	0	%100
32	M48	Z	-.865	-.865	0	%100
33	M51	X	.302	.302	0	%100
34	M51	Z	-.524	-.524	0	%100
35	M52	X	.083	.083	0	%100
36	M52	Z	-.144	-.144	0	%100
37	M55	X	.173	.173	0	%100
38	M55	Z	-.299	-.299	0	%100
39	M56	X	.173	.173	0	%100
40	M56	Z	-.299	-.299	0	%100
41	M69	X	.224	.224	0	%100
42	M69	Z	-.388	-.388	0	%100



Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
 1:35 PM  
 Checked By: \_\_\_\_\_

**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, %]
43	M70	X	.242	.242	0 %100
44	M70	Z	-.42	-.42	0 %100
45	M71	X	0	0	0 %100
46	M71	Z	0	0	0 %100
47	M72	X	.271	.271	0 %100
48	M72	Z	-.469	-.469	0 %100
49	M73	X	.224	.224	0 %100
50	M73	Z	-.388	-.388	0 %100
51	M76	X	.553	.553	0 %100
52	M76	Z	-.957	-.957	0 %100
53	M77	X	0	0	0 %100
54	M77	Z	0	0	0 %100
55	M78	X	.242	.242	0 %100
56	M78	Z	-.42	-.42	0 %100
57	M79	X	0	0	0 %100
58	M79	Z	0	0	0 %100
59	M80	X	.271	.271	0 %100
60	M80	Z	-.469	-.469	0 %100
61	M95	X	.358	.358	0 %100
62	M95	Z	-.619	-.619	0 %100
63	M98	X	.849	.849	0 %100
64	M98	Z	-1.47	-1.47	0 %100
65	M99	X	.849	.849	0 %100
66	M99	Z	-1.47	-1.47	0 %100
67	M102	X	.302	.302	0 %100
68	M102	Z	-.524	-.524	0 %100
69	M103	X	.333	.333	0 %100
70	M103	Z	-.577	-.577	0 %100
71	M106	X	.691	.691	0 %100
72	M106	Z	-1.198	-1.198	0 %100
73	M107	X	.691	.691	0 %100
74	M107	Z	-1.198	-1.198	0 %100
75	M120	X	0	0	0 %100
76	M120	Z	0	0	0 %100
77	M121	X	.242	.242	0 %100
78	M121	Z	-.42	-.42	0 %100
79	M122	X	.242	.242	0 %100
80	M122	Z	-.42	-.42	0 %100
81	M123	X	0	0	0 %100
82	M123	Z	0	0	0 %100
83	M124	X	0	0	0 %100
84	M124	Z	0	0	0 %100
85	M127	X	.553	.553	0 %100
86	M127	Z	-.957	-.957	0 %100
87	M128	X	.553	.553	0 %100
88	M128	Z	-.957	-.957	0 %100
89	M129	X	.242	.242	0 %100
90	M129	Z	-.42	-.42	0 %100
91	M130	X	.242	.242	0 %100
92	M130	Z	-.42	-.42	0 %100
93	M131	X	0	0	0 %100
94	M131	Z	0	0	0 %100
95	M146	X	1.094	1.094	0 %100
96	M146	Z	-1.895	-1.895	0 %100
97	M149	X	.112	.112	0 %100
98	M149	Z	-.194	-.194	0 %100
99	M150	X	.112	.112	0 %100



Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
 1:35 PM  
 Checked By: \_\_\_\_\_

**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, %]
100	M150	Z	-.194	-.194	0 %100
101	M153	X	0	0	0 %100
102	M153	Z	0	0	0 %100
103	M148A	X	.633	.633	0 %100
104	M148A	Z	-1.097	-1.097	0 %100
105	M149A	X	.633	.633	0 %100
106	M149A	Z	-1.097	-1.097	0 %100
107	M150A	X	0	0	0 %100
108	M150A	Z	0	0	0 %100
109	M151A	X	.244	.244	0 %100
110	M151A	Z	-.422	-.422	0 %100
111	M152A	X	.171	.171	0 %100
112	M152A	Z	-.296	-.296	0 %100
113	M154	X	.244	.244	0 %100
114	M154	Z	-.422	-.422	0 %100
115	M157	X	0	0	0 %100
116	M157	Z	0	0	0 %100
117	M166	X	.513	.513	0 %100
118	M166	Z	-.888	-.888	0 %100
119	M162A	X	.171	.171	0 %100
120	M162A	Z	-.296	-.296	0 %100
121	M163A	X	.513	.513	0 %100
122	M163A	Z	-.888	-.888	0 %100
123	M164A	X	.171	.171	0 %100
124	M164A	Z	-.296	-.296	0 %100
125	M165A	X	.513	.513	0 %100
126	M165A	Z	-.888	-.888	0 %100
127	M166A	X	.171	.171	0 %100
128	M166A	Z	-.296	-.296	0 %100
129	M167	X	.513	.513	0 %100
130	M167	Z	-.888	-.888	0 %100
131	M168	X	.684	.684	0 %100
132	M168	Z	-1.184	-1.184	0 %100
133	M169	X	0	0	0 %100
134	M169	Z	0	0	0 %100
135	M170	X	.684	.684	0 %100
136	M170	Z	-1.184	-1.184	0 %100
137	M171	X	0	0	0 %100
138	M171	Z	0	0	0 %100
139	M172	X	.226	.226	0 %100
140	M172	Z	-.391	-.391	0 %100
141	M173	X	.226	.226	0 %100
142	M173	Z	-.391	-.391	0 %100
143	M174	X	0	0	0 %100
144	M174	Z	0	0	0 %100
145	M175	X	.244	.244	0 %100
146	M175	Z	-.422	-.422	0 %100
147	M176	X	.244	.244	0 %100
148	M176	Z	-.422	-.422	0 %100
149	M177	X	0	0	0 %100
150	M177	Z	0	0	0 %100
151	MP5A	X	.325	.325	0 %100
152	MP5A	Z	-.563	-.563	0 %100
153	MP1A	X	.325	.325	0 %100
154	MP1A	Z	-.563	-.563	0 %100
155	MP2A	X	.325	.325	0 %100
156	MP2A	Z	-.563	-.563	0 %100



Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
 1:35 PM  
 Checked By: \_\_\_\_\_

**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, %]
157	MP3A	X	.325	.325	0 %100
158	MP3A	Z	-.563	-.563	0 %100
159	MP4A	X	.325	.325	0 %100
160	MP4A	Z	-.563	-.563	0 %100
161	MP5C	X	.325	.325	0 %100
162	MP5C	Z	-.563	-.563	0 %100
163	MP1C	X	.325	.325	0 %100
164	MP1C	Z	-.563	-.563	0 %100
165	MP3C	X	.325	.325	0 %100
166	MP3C	Z	-.563	-.563	0 %100
167	MP5B	X	.325	.325	0 %100
168	MP5B	Z	-.563	-.563	0 %100
169	MP1B	X	.325	.325	0 %100
170	MP1B	Z	-.563	-.563	0 %100
171	MP3B	X	.325	.325	0 %100
172	MP3B	Z	-.563	-.563	0 %100
173	M211	X	.244	.244	0 %100
174	M211	Z	-.422	-.422	0 %100
175	M215	X	.244	.244	0 %100
176	M215	Z	-.422	-.422	0 %100
177	M219	X	0	0	0 %100
178	M219	Z	0	0	0 %100
179	M222	X	.615	.615	0 %100
180	M222	Z	-1.066	-1.066	0 %100
181	M223	X	.615	.615	0 %100
182	M223	Z	-1.066	-1.066	0 %100
183	M226	X	.615	.615	0 %100
184	M226	Z	-1.066	-1.066	0 %100
185	M227	X	.615	.615	0 %100
186	M227	Z	-1.066	-1.066	0 %100
187	M230	X	0	0	0 %100
188	M230	Z	0	0	0 %100
189	M231	X	0	0	0 %100
190	M231	Z	0	0	0 %100
191	M238	X	.291	.291	0 %100
192	M238	Z	-.504	-.504	0 %100
193	M239	X	0	0	0 %100
194	M239	Z	0	0	0 %100
195	M240	X	.291	.291	0 %100
196	M240	Z	-.504	-.504	0 %100
197	OVP	X	.325	.325	0 %100
198	OVP	Z	-.563	-.563	0 %100
199	MP2C	X	.325	.325	0 %100
200	MP2C	Z	-.563	-.563	0 %100
201	MP4C	X	.325	.325	0 %100
202	MP4C	Z	-.563	-.563	0 %100
203	MP2B	X	.325	.325	0 %100
204	MP2B	Z	-.563	-.563	0 %100
205	MP4B	X	.325	.325	0 %100
206	MP4B	Z	-.563	-.563	0 %100
207	M243A	X	.049	.049	0 %100
208	M243A	Z	-.085	-.085	0 %100
209	M244A	X	.494	.494	0 %100
210	M244A	Z	-.856	-.856	0 %100
211	M245A	X	.494	.494	0 %100
212	M245A	Z	-.856	-.856	0 %100
213	M246A	X	.049	.049	0 %100





Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
 1:35 PM  
 Checked By: \_\_\_\_\_

**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.%]
214	M246A	Z	-.085	-.085	0	%100
215	M247A	X	.231	.231	0	%100
216	M247A	Z	-.401	-.401	0	%100
217	M248A	X	.231	.231	0	%100
218	M248A	Z	-.401	-.401	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	.433	.433	0	%100
2	M1	Z	-.25	-.25	0	%100
3	M4	X	.898	.898	0	%100
4	M4	Z	-.519	-.519	0	%100
5	M5	X	.898	.898	0	%100
6	M5	Z	-.519	-.519	0	%100
7	M18	X	.129	.129	0	%100
8	M18	Z	-.075	-.075	0	%100
9	M19	X	.14	.14	0	%100
10	M19	Z	-.081	-.081	0	%100
11	M20	X	.559	.559	0	%100
12	M20	Z	-.323	-.323	0	%100
13	M21	X	.156	.156	0	%100
14	M21	Z	-.09	-.09	0	%100
15	M22	X	.129	.129	0	%100
16	M22	Z	-.075	-.075	0	%100
17	M28	X	.319	.319	0	%100
18	M28	Z	-.184	-.184	0	%100
19	M29	X	1.277	1.277	0	%100
20	M29	Z	-.737	-.737	0	%100
21	M27A	X	.14	.14	0	%100
22	M27A	Z	-.081	-.081	0	%100
23	M28A	X	.559	.559	0	%100
24	M28A	Z	-.323	-.323	0	%100
25	M29A	X	.156	.156	0	%100
26	M29A	Z	-.09	-.09	0	%100
27	M44	X	.619	.619	0	%100
28	M44	Z	-.358	-.358	0	%100
29	M47	X	2.359	2.359	0	%100
30	M47	Z	-1.362	-1.362	0	%100
31	M48	X	2.359	2.359	0	%100
32	M48	Z	-1.362	-1.362	0	%100
33	M51	X	.175	.175	0	%100
34	M51	Z	-.101	-.101	0	%100
35	M52	X	0	0	0	%100
36	M52	Z	0	0	0	%100
37	M55	X	0	0	0	%100
38	M55	Z	0	0	0	%100
39	M56	X	0	0	0	%100
40	M56	Z	0	0	0	%100
41	M69	X	.518	.518	0	%100
42	M69	Z	-.299	-.299	0	%100
43	M70	X	.14	.14	0	%100
44	M70	Z	-.081	-.081	0	%100
45	M71	X	.14	.14	0	%100
46	M71	Z	-.081	-.081	0	%100
47	M72	X	.625	.625	0	%100
48	M72	Z	-.361	-.361	0	%100



Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
 1:35 PM  
 Checked By: \_\_\_\_\_

**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, %]
49	M73	X	.518	.518	0 %100
50	M73	Z	-.299	-.299	0 %100
51	M76	X	.319	.319	0 %100
52	M76	Z	-.184	-.184	0 %100
53	M77	X	.319	.319	0 %100
54	M77	Z	-.184	-.184	0 %100
55	M78	X	.14	.14	0 %100
56	M78	Z	-.081	-.081	0 %100
57	M79	X	.14	.14	0 %100
58	M79	Z	-.081	-.081	0 %100
59	M80	X	.625	.625	0 %100
60	M80	Z	-.361	-.361	0 %100
61	M95	X	.194	.194	0 %100
62	M95	Z	-.112	-.112	0 %100
63	M98	X	1.895	1.895	0 %100
64	M98	Z	-1.094	-1.094	0 %100
65	M99	X	1.895	1.895	0 %100
66	M99	Z	-1.094	-1.094	0 %100
67	M102	X	.698	.698	0 %100
68	M102	Z	-.403	-.403	0 %100
69	M103	X	.433	.433	0 %100
70	M103	Z	-.25	-.25	0 %100
71	M106	X	.898	.898	0 %100
72	M106	Z	-.519	-.519	0 %100
73	M107	X	.898	.898	0 %100
74	M107	Z	-.519	-.519	0 %100
75	M120	X	.129	.129	0 %100
76	M120	Z	-.075	-.075	0 %100
77	M121	X	.559	.559	0 %100
78	M121	Z	-.323	-.323	0 %100
79	M122	X	.14	.14	0 %100
80	M122	Z	-.081	-.081	0 %100
81	M123	X	.156	.156	0 %100
82	M123	Z	-.09	-.09	0 %100
83	M124	X	.129	.129	0 %100
84	M124	Z	-.075	-.075	0 %100
85	M127	X	1.277	1.277	0 %100
86	M127	Z	-.737	-.737	0 %100
87	M128	X	.319	.319	0 %100
88	M128	Z	-.184	-.184	0 %100
89	M129	X	.559	.559	0 %100
90	M129	Z	-.323	-.323	0 %100
91	M130	X	.14	.14	0 %100
92	M130	Z	-.081	-.081	0 %100
93	M131	X	.156	.156	0 %100
94	M131	Z	-.09	-.09	0 %100
95	M146	X	1.47	1.47	0 %100
96	M146	Z	-.849	-.849	0 %100
97	M149	X	.619	.619	0 %100
98	M149	Z	-.358	-.358	0 %100
99	M150	X	.619	.619	0 %100
100	M150	Z	-.358	-.358	0 %100
101	M153	X	.175	.175	0 %100
102	M153	Z	-.101	-.101	0 %100
103	M148A	X	.366	.366	0 %100
104	M148A	Z	-.211	-.211	0 %100
105	M149A	X	1.462	1.462	0 %100



Company :  
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 Job Number :  
 Model Name :

Dec 1, 2021  
 1:35 PM  
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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, %]
106	M149A	Z	-.844	-.844	0 %100
107	M150A	X	.366	.366	0 %100
108	M150A	Z	-.211	-.211	0 %100
109	M151A	X	.141	.141	0 %100
110	M151A	Z	-.081	-.081	0 %100
111	M152A	X	.888	.888	0 %100
112	M152A	Z	-.513	-.513	0 %100
113	M154	X	.563	.563	0 %100
114	M154	Z	-.325	-.325	0 %100
115	M157	X	.141	.141	0 %100
116	M157	Z	-.081	-.081	0 %100
117	M166	X	.296	.296	0 %100
118	M166	Z	-.171	-.171	0 %100
119	M162A	X	.888	.888	0 %100
120	M162A	Z	-.513	-.513	0 %100
121	M163A	X	.296	.296	0 %100
122	M163A	Z	-.171	-.171	0 %100
123	M164A	X	0	0	0 %100
124	M164A	Z	0	0	0 %100
125	M165A	X	1.184	1.184	0 %100
126	M165A	Z	-.684	-.684	0 %100
127	M166A	X	0	0	0 %100
128	M166A	Z	0	0	0 %100
129	M167	X	1.184	1.184	0 %100
130	M167	Z	-.684	-.684	0 %100
131	M168	X	.888	.888	0 %100
132	M168	Z	-.513	-.513	0 %100
133	M169	X	.296	.296	0 %100
134	M169	Z	-.171	-.171	0 %100
135	M170	X	.888	.888	0 %100
136	M170	Z	-.513	-.513	0 %100
137	M171	X	.296	.296	0 %100
138	M171	Z	-.171	-.171	0 %100
139	M172	X	.13	.13	0 %100
140	M172	Z	-.075	-.075	0 %100
141	M173	X	.521	.521	0 %100
142	M173	Z	-.301	-.301	0 %100
143	M174	X	.13	.13	0 %100
144	M174	Z	-.075	-.075	0 %100
145	M175	X	.141	.141	0 %100
146	M175	Z	-.081	-.081	0 %100
147	M176	X	.563	.563	0 %100
148	M176	Z	-.325	-.325	0 %100
149	M177	X	.141	.141	0 %100
150	M177	Z	-.081	-.081	0 %100
151	MP5A	X	.563	.563	0 %100
152	MP5A	Z	-.325	-.325	0 %100
153	MP1A	X	.563	.563	0 %100
154	MP1A	Z	-.325	-.325	0 %100
155	MP2A	X	.563	.563	0 %100
156	MP2A	Z	-.325	-.325	0 %100
157	MP3A	X	.563	.563	0 %100
158	MP3A	Z	-.325	-.325	0 %100
159	MP4A	X	.563	.563	0 %100
160	MP4A	Z	-.325	-.325	0 %100
161	MP5C	X	.563	.563	0 %100
162	MP5C	Z	-.325	-.325	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, %]
163	MP1C	X	.563	.563	0 %100
164	MP1C	Z	-.325	-.325	0 %100
165	MP3C	X	.563	.563	0 %100
166	MP3C	Z	-.325	-.325	0 %100
167	MP5B	X	.563	.563	0 %100
168	MP5B	Z	-.325	-.325	0 %100
169	MP1B	X	.563	.563	0 %100
170	MP1B	Z	-.325	-.325	0 %100
171	MP3B	X	.563	.563	0 %100
172	MP3B	Z	-.325	-.325	0 %100
173	M211	X	.141	.141	0 %100
174	M211	Z	-.081	-.081	0 %100
175	M215	X	.563	.563	0 %100
176	M215	Z	-.325	-.325	0 %100
177	M219	X	.141	.141	0 %100
178	M219	Z	-.081	-.081	0 %100
179	M222	X	.355	.355	0 %100
180	M222	Z	-.205	-.205	0 %100
181	M223	X	.355	.355	0 %100
182	M223	Z	-.205	-.205	0 %100
183	M226	X	1.421	1.421	0 %100
184	M226	Z	-.821	-.821	0 %100
185	M227	X	1.421	1.421	0 %100
186	M227	Z	-.821	-.821	0 %100
187	M230	X	.355	.355	0 %100
188	M230	Z	-.205	-.205	0 %100
189	M231	X	.355	.355	0 %100
190	M231	Z	-.205	-.205	0 %100
191	M238	X	.672	.672	0 %100
192	M238	Z	-.388	-.388	0 %100
193	M239	X	.168	.168	0 %100
194	M239	Z	-.097	-.097	0 %100
195	M240	X	.168	.168	0 %100
196	M240	Z	-.097	-.097	0 %100
197	OVP	X	.563	.563	0 %100
198	OVP	Z	-.325	-.325	0 %100
199	MP2C	X	.563	.563	0 %100
200	MP2C	Z	-.325	-.325	0 %100
201	MP4C	X	.563	.563	0 %100
202	MP4C	Z	-.325	-.325	0 %100
203	MP2B	X	.563	.563	0 %100
204	MP2B	Z	-.325	-.325	0 %100
205	MP4B	X	.563	.563	0 %100
206	MP4B	Z	-.325	-.325	0 %100
207	M243A	X	.039	.039	0 %100
208	M243A	Z	-.022	-.022	0 %100
209	M244A	X	.809	.809	0 %100
210	M244A	Z	-.467	-.467	0 %100
211	M245A	X	.494	.494	0 %100
212	M245A	Z	-.285	-.285	0 %100
213	M246A	X	.494	.494	0 %100
214	M246A	Z	-.285	-.285	0 %100
215	M247A	X	.809	.809	0 %100
216	M247A	Z	-.467	-.467	0 %100
217	M248A	X	.039	.039	0 %100
218	M248A	Z	-.022	-.022	0 %100



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 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
 1:35 PM  
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**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	.666	.666	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	1.383	1.383	0	%100
4	M4	Z	0	0	0	%100
5	M5	X	1.383	1.383	0	%100
6	M5	Z	0	0	0	%100
7	M18	X	0	0	0	%100
8	M18	Z	0	0	0	%100
9	M19	X	.484	.484	0	%100
10	M19	Z	0	0	0	%100
11	M20	X	.484	.484	0	%100
12	M20	Z	0	0	0	%100
13	M21	X	0	0	0	%100
14	M21	Z	0	0	0	%100
15	M22	X	0	0	0	%100
16	M22	Z	0	0	0	%100
17	M28	X	1.106	1.106	0	%100
18	M28	Z	0	0	0	%100
19	M29	X	1.106	1.106	0	%100
20	M29	Z	0	0	0	%100
21	M27A	X	.484	.484	0	%100
22	M27A	Z	0	0	0	%100
23	M28A	X	.484	.484	0	%100
24	M28A	Z	0	0	0	%100
25	M29A	X	0	0	0	%100
26	M29A	Z	0	0	0	%100
27	M44	X	.224	.224	0	%100
28	M44	Z	0	0	0	%100
29	M47	X	3.586	3.586	0	%100
30	M47	Z	0	0	0	%100
31	M48	X	3.586	3.586	0	%100
32	M48	Z	0	0	0	%100
33	M51	X	0	0	0	%100
34	M51	Z	0	0	0	%100
35	M52	X	.167	.167	0	%100
36	M52	Z	0	0	0	%100
37	M55	X	.346	.346	0	%100
38	M55	Z	0	0	0	%100
39	M56	X	.346	.346	0	%100
40	M56	Z	0	0	0	%100
41	M69	X	.448	.448	0	%100
42	M69	Z	0	0	0	%100
43	M70	X	0	0	0	%100
44	M70	Z	0	0	0	%100
45	M71	X	.484	.484	0	%100
46	M71	Z	0	0	0	%100
47	M72	X	.541	.541	0	%100
48	M72	Z	0	0	0	%100
49	M73	X	.448	.448	0	%100
50	M73	Z	0	0	0	%100
51	M76	X	0	0	0	%100
52	M76	Z	0	0	0	%100
53	M77	X	1.106	1.106	0	%100
54	M77	Z	0	0	0	%100
55	M78	X	0	0	0	%100
56	M78	Z	0	0	0	%100
57	M79	X	.484	.484	0	%100



Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
 1:35 PM  
 Checked By: \_\_\_\_\_

**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, %]	
58	M79	Z	0	0	0	%100
59	M80	X	.541	.541	0	%100
60	M80	Z	0	0	0	%100
61	M95	X	.715	.715	0	%100
62	M95	Z	0	0	0	%100
63	M98	X	1.697	1.697	0	%100
64	M98	Z	0	0	0	%100
65	M99	X	1.697	1.697	0	%100
66	M99	Z	0	0	0	%100
67	M102	X	.605	.605	0	%100
68	M102	Z	0	0	0	%100
69	M103	X	.167	.167	0	%100
70	M103	Z	0	0	0	%100
71	M106	X	.346	.346	0	%100
72	M106	Z	0	0	0	%100
73	M107	X	.346	.346	0	%100
74	M107	Z	0	0	0	%100
75	M120	X	.448	.448	0	%100
76	M120	Z	0	0	0	%100
77	M121	X	.484	.484	0	%100
78	M121	Z	0	0	0	%100
79	M122	X	0	0	0	%100
80	M122	Z	0	0	0	%100
81	M123	X	.541	.541	0	%100
82	M123	Z	0	0	0	%100
83	M124	X	.448	.448	0	%100
84	M124	Z	0	0	0	%100
85	M127	X	1.106	1.106	0	%100
86	M127	Z	0	0	0	%100
87	M128	X	0	0	0	%100
88	M128	Z	0	0	0	%100
89	M129	X	.484	.484	0	%100
90	M129	Z	0	0	0	%100
91	M130	X	0	0	0	%100
92	M130	Z	0	0	0	%100
93	M131	X	.541	.541	0	%100
94	M131	Z	0	0	0	%100
95	M146	X	.715	.715	0	%100
96	M146	Z	0	0	0	%100
97	M149	X	1.697	1.697	0	%100
98	M149	Z	0	0	0	%100
99	M150	X	1.697	1.697	0	%100
100	M150	Z	0	0	0	%100
101	M153	X	.605	.605	0	%100
102	M153	Z	0	0	0	%100
103	M148A	X	0	0	0	%100
104	M148A	Z	0	0	0	%100
105	M149A	X	1.267	1.267	0	%100
106	M149A	Z	0	0	0	%100
107	M150A	X	1.267	1.267	0	%100
108	M150A	Z	0	0	0	%100
109	M151A	X	0	0	0	%100
110	M151A	Z	0	0	0	%100
111	M152A	X	1.368	1.368	0	%100
112	M152A	Z	0	0	0	%100
113	M154	X	.487	.487	0	%100
114	M154	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, %]
115	M157	X	.487	.487	0 %100
116	M157	Z	0	0	0 %100
117	M166	X	0	0	0 %100
118	M166	Z	0	0	0 %100
119	M162A	X	1.368	1.368	0 %100
120	M162A	Z	0	0	0 %100
121	M163A	X	0	0	0 %100
122	M163A	Z	0	0	0 %100
123	M164A	X	.342	.342	0 %100
124	M164A	Z	0	0	0 %100
125	M165A	X	1.026	1.026	0 %100
126	M165A	Z	0	0	0 %100
127	M166A	X	.342	.342	0 %100
128	M166A	Z	0	0	0 %100
129	M167	X	1.026	1.026	0 %100
130	M167	Z	0	0	0 %100
131	M168	X	.342	.342	0 %100
132	M168	Z	0	0	0 %100
133	M169	X	1.026	1.026	0 %100
134	M169	Z	0	0	0 %100
135	M170	X	.342	.342	0 %100
136	M170	Z	0	0	0 %100
137	M171	X	1.026	1.026	0 %100
138	M171	Z	0	0	0 %100
139	M172	X	0	0	0 %100
140	M172	Z	0	0	0 %100
141	M173	X	.452	.452	0 %100
142	M173	Z	0	0	0 %100
143	M174	X	.452	.452	0 %100
144	M174	Z	0	0	0 %100
145	M175	X	0	0	0 %100
146	M175	Z	0	0	0 %100
147	M176	X	.487	.487	0 %100
148	M176	Z	0	0	0 %100
149	M177	X	.487	.487	0 %100
150	M177	Z	0	0	0 %100
151	MP5A	X	.65	.65	0 %100
152	MP5A	Z	0	0	0 %100
153	MP1A	X	.65	.65	0 %100
154	MP1A	Z	0	0	0 %100
155	MP2A	X	.65	.65	0 %100
156	MP2A	Z	0	0	0 %100
157	MP3A	X	.65	.65	0 %100
158	MP3A	Z	0	0	0 %100
159	MP4A	X	.65	.65	0 %100
160	MP4A	Z	0	0	0 %100
161	MP5C	X	.65	.65	0 %100
162	MP5C	Z	0	0	0 %100
163	MP1C	X	.65	.65	0 %100
164	MP1C	Z	0	0	0 %100
165	MP3C	X	.65	.65	0 %100
166	MP3C	Z	0	0	0 %100
167	MP5B	X	.65	.65	0 %100
168	MP5B	Z	0	0	0 %100
169	MP1B	X	.65	.65	0 %100
170	MP1B	Z	0	0	0 %100
171	MP3B	X	.65	.65	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, %]
172	MP3B	Z	0	0	0	%100
173	M211	X	0	0	0	%100
174	M211	Z	0	0	0	%100
175	M215	X	.487	.487	0	%100
176	M215	Z	0	0	0	%100
177	M219	X	.487	.487	0	%100
178	M219	Z	0	0	0	%100
179	M222	X	0	0	0	%100
180	M222	Z	0	0	0	%100
181	M223	X	0	0	0	%100
182	M223	Z	0	0	0	%100
183	M226	X	1.231	1.231	0	%100
184	M226	Z	0	0	0	%100
185	M227	X	1.231	1.231	0	%100
186	M227	Z	0	0	0	%100
187	M230	X	1.231	1.231	0	%100
188	M230	Z	0	0	0	%100
189	M231	X	1.231	1.231	0	%100
190	M231	Z	0	0	0	%100
191	M238	X	.582	.582	0	%100
192	M238	Z	0	0	0	%100
193	M239	X	.582	.582	0	%100
194	M239	Z	0	0	0	%100
195	M240	X	0	0	0	%100
196	M240	Z	0	0	0	%100
197	OVP	X	.65	.65	0	%100
198	OVP	Z	0	0	0	%100
199	MP2C	X	.65	.65	0	%100
200	MP2C	Z	0	0	0	%100
201	MP4C	X	.65	.65	0	%100
202	MP4C	Z	0	0	0	%100
203	MP2B	X	.65	.65	0	%100
204	MP2B	Z	0	0	0	%100
205	MP4B	X	.65	.65	0	%100
206	MP4B	Z	0	0	0	%100
207	M243A	X	.463	.463	0	%100
208	M243A	Z	0	0	0	%100
209	M244A	X	.463	.463	0	%100
210	M244A	Z	0	0	0	%100
211	M245A	X	.098	.098	0	%100
212	M245A	Z	0	0	0	%100
213	M246A	X	.988	.988	0	%100
214	M246A	Z	0	0	0	%100
215	M247A	X	.988	.988	0	%100
216	M247A	Z	0	0	0	%100
217	M248A	X	.098	.098	0	%100
218	M248A	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	.433	.433	0	%100
2	M1	Z	.25	.25	0	%100
3	M4	X	.898	.898	0	%100
4	M4	Z	.519	.519	0	%100
5	M5	X	.898	.898	0	%100
6	M5	Z	.519	.519	0	%100





Company :  
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 Job Number :  
 Model Name :

Dec 1, 2021  
 1:35 PM  
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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.%,]
7	M18	X	.129	.129	0	%100
8	M18	Z	.075	.075	0	%100
9	M19	X	.559	.559	0	%100
10	M19	Z	.323	.323	0	%100
11	M20	X	.14	.14	0	%100
12	M20	Z	.081	.081	0	%100
13	M21	X	.156	.156	0	%100
14	M21	Z	.09	.09	0	%100
15	M22	X	.129	.129	0	%100
16	M22	Z	.075	.075	0	%100
17	M28	X	1.277	1.277	0	%100
18	M28	Z	.737	.737	0	%100
19	M29	X	.319	.319	0	%100
20	M29	Z	.184	.184	0	%100
21	M27A	X	.559	.559	0	%100
22	M27A	Z	.323	.323	0	%100
23	M28A	X	.14	.14	0	%100
24	M28A	Z	.081	.081	0	%100
25	M29A	X	.156	.156	0	%100
26	M29A	Z	.09	.09	0	%100
27	M44	X	.619	.619	0	%100
28	M44	Z	.358	.358	0	%100
29	M47	X	2.359	2.359	0	%100
30	M47	Z	1.362	1.362	0	%100
31	M48	X	2.359	2.359	0	%100
32	M48	Z	1.362	1.362	0	%100
33	M51	X	.175	.175	0	%100
34	M51	Z	.101	.101	0	%100
35	M52	X	.433	.433	0	%100
36	M52	Z	.25	.25	0	%100
37	M55	X	.898	.898	0	%100
38	M55	Z	.519	.519	0	%100
39	M56	X	.898	.898	0	%100
40	M56	Z	.519	.519	0	%100
41	M69	X	.129	.129	0	%100
42	M69	Z	.075	.075	0	%100
43	M70	X	.14	.14	0	%100
44	M70	Z	.081	.081	0	%100
45	M71	X	.559	.559	0	%100
46	M71	Z	.323	.323	0	%100
47	M72	X	.156	.156	0	%100
48	M72	Z	.09	.09	0	%100
49	M73	X	.129	.129	0	%100
50	M73	Z	.075	.075	0	%100
51	M76	X	.319	.319	0	%100
52	M76	Z	.184	.184	0	%100
53	M77	X	1.277	1.277	0	%100
54	M77	Z	.737	.737	0	%100
55	M78	X	.14	.14	0	%100
56	M78	Z	.081	.081	0	%100
57	M79	X	.559	.559	0	%100
58	M79	Z	.323	.323	0	%100
59	M80	X	.156	.156	0	%100
60	M80	Z	.09	.09	0	%100
61	M95	X	1.47	1.47	0	%100
62	M95	Z	.849	.849	0	%100
63	M98	X	.619	.619	0	%100



Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
 1:35 PM  
 Checked By: \_\_\_\_\_

**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, %]
64	M98	Z	.358	.358	0 %100
65	M99	X	.619	.619	0 %100
66	M99	Z	.358	.358	0 %100
67	M102	X	.175	.175	0 %100
68	M102	Z	.101	.101	0 %100
69	M103	X	0	0	0 %100
70	M103	Z	0	0	0 %100
71	M106	X	0	0	0 %100
72	M106	Z	0	0	0 %100
73	M107	X	0	0	0 %100
74	M107	Z	0	0	0 %100
75	M120	X	.518	.518	0 %100
76	M120	Z	.299	.299	0 %100
77	M121	X	.14	.14	0 %100
78	M121	Z	.081	.081	0 %100
79	M122	X	.14	.14	0 %100
80	M122	Z	.081	.081	0 %100
81	M123	X	.625	.625	0 %100
82	M123	Z	.361	.361	0 %100
83	M124	X	.518	.518	0 %100
84	M124	Z	.299	.299	0 %100
85	M127	X	.319	.319	0 %100
86	M127	Z	.184	.184	0 %100
87	M128	X	.319	.319	0 %100
88	M128	Z	.184	.184	0 %100
89	M129	X	.14	.14	0 %100
90	M129	Z	.081	.081	0 %100
91	M130	X	.14	.14	0 %100
92	M130	Z	.081	.081	0 %100
93	M131	X	.625	.625	0 %100
94	M131	Z	.361	.361	0 %100
95	M146	X	.194	.194	0 %100
96	M146	Z	.112	.112	0 %100
97	M149	X	1.895	1.895	0 %100
98	M149	Z	1.094	1.094	0 %100
99	M150	X	1.895	1.895	0 %100
100	M150	Z	1.094	1.094	0 %100
101	M153	X	.698	.698	0 %100
102	M153	Z	.403	.403	0 %100
103	M148A	X	.366	.366	0 %100
104	M148A	Z	.211	.211	0 %100
105	M149A	X	.366	.366	0 %100
106	M149A	Z	.211	.211	0 %100
107	M150A	X	1.462	1.462	0 %100
108	M150A	Z	.844	.844	0 %100
109	M151A	X	.141	.141	0 %100
110	M151A	Z	.081	.081	0 %100
111	M152A	X	.888	.888	0 %100
112	M152A	Z	.513	.513	0 %100
113	M154	X	.141	.141	0 %100
114	M154	Z	.081	.081	0 %100
115	M157	X	.563	.563	0 %100
116	M157	Z	.325	.325	0 %100
117	M166	X	.296	.296	0 %100
118	M166	Z	.171	.171	0 %100
119	M162A	X	.888	.888	0 %100
120	M162A	Z	.513	.513	0 %100



Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
 1:35 PM  
 Checked By: \_\_\_\_\_

**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, %]
121	M163A	X	.296	.296	0 %100
122	M163A	Z	.171	.171	0 %100
123	M164A	X	.888	.888	0 %100
124	M164A	Z	.513	.513	0 %100
125	M165A	X	.296	.296	0 %100
126	M165A	Z	.171	.171	0 %100
127	M166A	X	.888	.888	0 %100
128	M166A	Z	.513	.513	0 %100
129	M167	X	.296	.296	0 %100
130	M167	Z	.171	.171	0 %100
131	M168	X	0	0	0 %100
132	M168	Z	0	0	0 %100
133	M169	X	1.184	1.184	0 %100
134	M169	Z	.684	.684	0 %100
135	M170	X	0	0	0 %100
136	M170	Z	0	0	0 %100
137	M171	X	1.184	1.184	0 %100
138	M171	Z	.684	.684	0 %100
139	M172	X	.13	.13	0 %100
140	M172	Z	.075	.075	0 %100
141	M173	X	.13	.13	0 %100
142	M173	Z	.075	.075	0 %100
143	M174	X	.521	.521	0 %100
144	M174	Z	.301	.301	0 %100
145	M175	X	.141	.141	0 %100
146	M175	Z	.081	.081	0 %100
147	M176	X	.141	.141	0 %100
148	M176	Z	.081	.081	0 %100
149	M177	X	.563	.563	0 %100
150	M177	Z	.325	.325	0 %100
151	MP5A	X	.563	.563	0 %100
152	MP5A	Z	.325	.325	0 %100
153	MP1A	X	.563	.563	0 %100
154	MP1A	Z	.325	.325	0 %100
155	MP2A	X	.563	.563	0 %100
156	MP2A	Z	.325	.325	0 %100
157	MP3A	X	.563	.563	0 %100
158	MP3A	Z	.325	.325	0 %100
159	MP4A	X	.563	.563	0 %100
160	MP4A	Z	.325	.325	0 %100
161	MP5C	X	.563	.563	0 %100
162	MP5C	Z	.325	.325	0 %100
163	MP1C	X	.563	.563	0 %100
164	MP1C	Z	.325	.325	0 %100
165	MP3C	X	.563	.563	0 %100
166	MP3C	Z	.325	.325	0 %100
167	MP5B	X	.563	.563	0 %100
168	MP5B	Z	.325	.325	0 %100
169	MP1B	X	.563	.563	0 %100
170	MP1B	Z	.325	.325	0 %100
171	MP3B	X	.563	.563	0 %100
172	MP3B	Z	.325	.325	0 %100
173	M211	X	.141	.141	0 %100
174	M211	Z	.081	.081	0 %100
175	M215	X	.141	.141	0 %100
176	M215	Z	.081	.081	0 %100
177	M219	X	.563	.563	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.%,]
178	M219	Z	.325	.325	0	%100
179	M222	X	.355	.355	0	%100
180	M222	Z	.205	.205	0	%100
181	M223	X	.355	.355	0	%100
182	M223	Z	.205	.205	0	%100
183	M226	X	.355	.355	0	%100
184	M226	Z	.205	.205	0	%100
185	M227	X	.355	.355	0	%100
186	M227	Z	.205	.205	0	%100
187	M230	X	1.421	1.421	0	%100
188	M230	Z	.821	.821	0	%100
189	M231	X	1.421	1.421	0	%100
190	M231	Z	.821	.821	0	%100
191	M238	X	.168	.168	0	%100
192	M238	Z	.097	.097	0	%100
193	M239	X	.672	.672	0	%100
194	M239	Z	.388	.388	0	%100
195	M240	X	.168	.168	0	%100
196	M240	Z	.097	.097	0	%100
197	OVP	X	.563	.563	0	%100
198	OVP	Z	.325	.325	0	%100
199	MP2C	X	.563	.563	0	%100
200	MP2C	Z	.325	.325	0	%100
201	MP4C	X	.563	.563	0	%100
202	MP4C	Z	.325	.325	0	%100
203	MP2B	X	.563	.563	0	%100
204	MP2B	Z	.325	.325	0	%100
205	MP4B	X	.563	.563	0	%100
206	MP4B	Z	.325	.325	0	%100
207	M243A	X	.809	.809	0	%100
208	M243A	Z	.467	.467	0	%100
209	M244A	X	.039	.039	0	%100
210	M244A	Z	.022	.022	0	%100
211	M245A	X	.039	.039	0	%100
212	M245A	Z	.022	.022	0	%100
213	M246A	X	.809	.809	0	%100
214	M246A	Z	.467	.467	0	%100
215	M247A	X	.494	.494	0	%100
216	M247A	Z	.285	.285	0	%100
217	M248A	X	.494	.494	0	%100
218	M248A	Z	.285	.285	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	.083	.083	0	%100
2	M1	Z	.144	.144	0	%100
3	M4	X	.173	.173	0	%100
4	M4	Z	.299	.299	0	%100
5	M5	X	.173	.173	0	%100
6	M5	Z	.299	.299	0	%100
7	M18	X	.224	.224	0	%100
8	M18	Z	.388	.388	0	%100
9	M19	X	.242	.242	0	%100
10	M19	Z	.42	.42	0	%100
11	M20	X	0	0	0	%100
12	M20	Z	0	0	0	%100



Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
 1:35 PM  
 Checked By: \_\_\_\_\_

**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.%,]
13	M21	X	.271	.271	0	%100
14	M21	Z	.469	.469	0	%100
15	M22	X	.224	.224	0	%100
16	M22	Z	.388	.388	0	%100
17	M28	X	.553	.553	0	%100
18	M28	Z	.957	.957	0	%100
19	M29	X	0	0	0	%100
20	M29	Z	0	0	0	%100
21	M27A	X	.242	.242	0	%100
22	M27A	Z	.42	.42	0	%100
23	M28A	X	0	0	0	%100
24	M28A	Z	0	0	0	%100
25	M29A	X	.271	.271	0	%100
26	M29A	Z	.469	.469	0	%100
27	M44	X	.849	.849	0	%100
28	M44	Z	1.47	1.47	0	%100
29	M47	X	.5	.5	0	%100
30	M47	Z	.865	.865	0	%100
31	M48	X	.5	.5	0	%100
32	M48	Z	.865	.865	0	%100
33	M51	X	.302	.302	0	%100
34	M51	Z	.524	.524	0	%100
35	M52	X	.333	.333	0	%100
36	M52	Z	.577	.577	0	%100
37	M55	X	.691	.691	0	%100
38	M55	Z	1.198	1.198	0	%100
39	M56	X	.691	.691	0	%100
40	M56	Z	1.198	1.198	0	%100
41	M69	X	0	0	0	%100
42	M69	Z	0	0	0	%100
43	M70	X	.242	.242	0	%100
44	M70	Z	.42	.42	0	%100
45	M71	X	.242	.242	0	%100
46	M71	Z	.42	.42	0	%100
47	M72	X	0	0	0	%100
48	M72	Z	0	0	0	%100
49	M73	X	0	0	0	%100
50	M73	Z	0	0	0	%100
51	M76	X	.553	.553	0	%100
52	M76	Z	.957	.957	0	%100
53	M77	X	.553	.553	0	%100
54	M77	Z	.957	.957	0	%100
55	M78	X	.242	.242	0	%100
56	M78	Z	.42	.42	0	%100
57	M79	X	.242	.242	0	%100
58	M79	Z	.42	.42	0	%100
59	M80	X	0	0	0	%100
60	M80	Z	0	0	0	%100
61	M95	X	1.094	1.094	0	%100
62	M95	Z	1.895	1.895	0	%100
63	M98	X	.112	.112	0	%100
64	M98	Z	.194	.194	0	%100
65	M99	X	.112	.112	0	%100
66	M99	Z	.194	.194	0	%100
67	M102	X	0	0	0	%100
68	M102	Z	0	0	0	%100
69	M103	X	.083	.083	0	%100



Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
 1:35 PM  
 Checked By: \_\_\_\_\_

**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, %]
70	M103	Z	.144	.144	0 %100
71	M106	X	.173	.173	0 %100
72	M106	Z	.299	.299	0 %100
73	M107	X	.173	.173	0 %100
74	M107	Z	.299	.299	0 %100
75	M120	X	.224	.224	0 %100
76	M120	Z	.388	.388	0 %100
77	M121	X	0	0	0 %100
78	M121	Z	0	0	0 %100
79	M122	X	.242	.242	0 %100
80	M122	Z	.42	.42	0 %100
81	M123	X	.271	.271	0 %100
82	M123	Z	.469	.469	0 %100
83	M124	X	.224	.224	0 %100
84	M124	Z	.388	.388	0 %100
85	M127	X	0	0	0 %100
86	M127	Z	0	0	0 %100
87	M128	X	.553	.553	0 %100
88	M128	Z	.957	.957	0 %100
89	M129	X	0	0	0 %100
90	M129	Z	0	0	0 %100
91	M130	X	.242	.242	0 %100
92	M130	Z	.42	.42	0 %100
93	M131	X	.271	.271	0 %100
94	M131	Z	.469	.469	0 %100
95	M146	X	.358	.358	0 %100
96	M146	Z	.619	.619	0 %100
97	M149	X	.849	.849	0 %100
98	M149	Z	1.47	1.47	0 %100
99	M150	X	.849	.849	0 %100
100	M150	Z	1.47	1.47	0 %100
101	M153	X	.302	.302	0 %100
102	M153	Z	.524	.524	0 %100
103	M148A	X	.633	.633	0 %100
104	M148A	Z	1.097	1.097	0 %100
105	M149A	X	0	0	0 %100
106	M149A	Z	0	0	0 %100
107	M150A	X	.633	.633	0 %100
108	M150A	Z	1.097	1.097	0 %100
109	M151A	X	.244	.244	0 %100
110	M151A	Z	.422	.422	0 %100
111	M152A	X	.171	.171	0 %100
112	M152A	Z	.296	.296	0 %100
113	M154	X	0	0	0 %100
114	M154	Z	0	0	0 %100
115	M157	X	.244	.244	0 %100
116	M157	Z	.422	.422	0 %100
117	M166	X	.513	.513	0 %100
118	M166	Z	.888	.888	0 %100
119	M162A	X	.171	.171	0 %100
120	M162A	Z	.296	.296	0 %100
121	M163A	X	.513	.513	0 %100
122	M163A	Z	.888	.888	0 %100
123	M164A	X	.684	.684	0 %100
124	M164A	Z	1.184	1.184	0 %100
125	M165A	X	0	0	0 %100
126	M165A	Z	0	0	0 %100



Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
 1:35 PM  
 Checked By: \_\_\_\_\_

**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, %]
127	M166A	X	.684	.684	0 %100
128	M166A	Z	1.184	1.184	0 %100
129	M167	X	0	0	0 %100
130	M167	Z	0	0	0 %100
131	M168	X	.171	.171	0 %100
132	M168	Z	.296	.296	0 %100
133	M169	X	.513	.513	0 %100
134	M169	Z	.888	.888	0 %100
135	M170	X	.171	.171	0 %100
136	M170	Z	.296	.296	0 %100
137	M171	X	.513	.513	0 %100
138	M171	Z	.888	.888	0 %100
139	M172	X	.226	.226	0 %100
140	M172	Z	.391	.391	0 %100
141	M173	X	0	0	0 %100
142	M173	Z	0	0	0 %100
143	M174	X	.226	.226	0 %100
144	M174	Z	.391	.391	0 %100
145	M175	X	.244	.244	0 %100
146	M175	Z	.422	.422	0 %100
147	M176	X	0	0	0 %100
148	M176	Z	0	0	0 %100
149	M177	X	.244	.244	0 %100
150	M177	Z	.422	.422	0 %100
151	MP5A	X	.325	.325	0 %100
152	MP5A	Z	.563	.563	0 %100
153	MP1A	X	.325	.325	0 %100
154	MP1A	Z	.563	.563	0 %100
155	MP2A	X	.325	.325	0 %100
156	MP2A	Z	.563	.563	0 %100
157	MP3A	X	.325	.325	0 %100
158	MP3A	Z	.563	.563	0 %100
159	MP4A	X	.325	.325	0 %100
160	MP4A	Z	.563	.563	0 %100
161	MP5C	X	.325	.325	0 %100
162	MP5C	Z	.563	.563	0 %100
163	MP1C	X	.325	.325	0 %100
164	MP1C	Z	.563	.563	0 %100
165	MP3C	X	.325	.325	0 %100
166	MP3C	Z	.563	.563	0 %100
167	MP5B	X	.325	.325	0 %100
168	MP5B	Z	.563	.563	0 %100
169	MP1B	X	.325	.325	0 %100
170	MP1B	Z	.563	.563	0 %100
171	MP3B	X	.325	.325	0 %100
172	MP3B	Z	.563	.563	0 %100
173	M211	X	.244	.244	0 %100
174	M211	Z	.422	.422	0 %100
175	M215	X	0	0	0 %100
176	M215	Z	0	0	0 %100
177	M219	X	.244	.244	0 %100
178	M219	Z	.422	.422	0 %100
179	M222	X	.615	.615	0 %100
180	M222	Z	1.066	1.066	0 %100
181	M223	X	.615	.615	0 %100
182	M223	Z	1.066	1.066	0 %100
183	M226	X	0	0	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.%,]
184	M226	Z	0	0	0	%100
185	M227	X	0	0	0	%100
186	M227	Z	0	0	0	%100
187	M230	X	.615	.615	0	%100
188	M230	Z	1.066	1.066	0	%100
189	M231	X	.615	.615	0	%100
190	M231	Z	1.066	1.066	0	%100
191	M238	X	0	0	0	%100
192	M238	Z	0	0	0	%100
193	M239	X	.291	.291	0	%100
194	M239	Z	.504	.504	0	%100
195	M240	X	.291	.291	0	%100
196	M240	Z	.504	.504	0	%100
197	OVP	X	.325	.325	0	%100
198	OVP	Z	.563	.563	0	%100
199	MP2C	X	.325	.325	0	%100
200	MP2C	Z	.563	.563	0	%100
201	MP4C	X	.325	.325	0	%100
202	MP4C	Z	.563	.563	0	%100
203	MP2B	X	.325	.325	0	%100
204	MP2B	Z	.563	.563	0	%100
205	MP4B	X	.325	.325	0	%100
206	MP4B	Z	.563	.563	0	%100
207	M243A	X	.494	.494	0	%100
208	M243A	Z	.856	.856	0	%100
209	M244A	X	.049	.049	0	%100
210	M244A	Z	.085	.085	0	%100
211	M245A	X	.231	.231	0	%100
212	M245A	Z	.401	.401	0	%100
213	M246A	X	.231	.231	0	%100
214	M246A	Z	.401	.401	0	%100
215	M247A	X	.049	.049	0	%100
216	M247A	Z	.085	.085	0	%100
217	M248A	X	.494	.494	0	%100
218	M248A	Z	.856	.856	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%,]	End Location[ft.%,]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M5	X	0	0	0	%100
6	M5	Z	0	0	0	%100
7	M18	X	0	0	0	%100
8	M18	Z	.598	.598	0	%100
9	M19	X	0	0	0	%100
10	M19	Z	.161	.161	0	%100
11	M20	X	0	0	0	%100
12	M20	Z	.161	.161	0	%100
13	M21	X	0	0	0	%100
14	M21	Z	.722	.722	0	%100
15	M22	X	0	0	0	%100
16	M22	Z	.598	.598	0	%100
17	M28	X	0	0	0	%100
18	M28	Z	.369	.369	0	%100





Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
 1:35 PM  
 Checked By: \_\_\_\_\_

**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, %]	
19	M29	X	0	0	0	%100
20	M29	Z	.369	.369	0	%100
21	M27A	X	0	0	0	%100
22	M27A	Z	.161	.161	0	%100
23	M28A	X	0	0	0	%100
24	M28A	Z	.161	.161	0	%100
25	M29A	X	0	0	0	%100
26	M29A	Z	.722	.722	0	%100
27	M44	X	0	0	0	%100
28	M44	Z	2.188	2.188	0	%100
29	M47	X	0	0	0	%100
30	M47	Z	.137	.137	0	%100
31	M48	X	0	0	0	%100
32	M48	Z	.137	.137	0	%100
33	M51	X	0	0	0	%100
34	M51	Z	.806	.806	0	%100
35	M52	X	0	0	0	%100
36	M52	Z	.5	.5	0	%100
37	M55	X	0	0	0	%100
38	M55	Z	1.037	1.037	0	%100
39	M56	X	0	0	0	%100
40	M56	Z	1.037	1.037	0	%100
41	M69	X	0	0	0	%100
42	M69	Z	.149	.149	0	%100
43	M70	X	0	0	0	%100
44	M70	Z	.646	.646	0	%100
45	M71	X	0	0	0	%100
46	M71	Z	.161	.161	0	%100
47	M72	X	0	0	0	%100
48	M72	Z	.18	.18	0	%100
49	M73	X	0	0	0	%100
50	M73	Z	.149	.149	0	%100
51	M76	X	0	0	0	%100
52	M76	Z	1.474	1.474	0	%100
53	M77	X	0	0	0	%100
54	M77	Z	.369	.369	0	%100
55	M78	X	0	0	0	%100
56	M78	Z	.646	.646	0	%100
57	M79	X	0	0	0	%100
58	M79	Z	.161	.161	0	%100
59	M80	X	0	0	0	%100
60	M80	Z	.18	.18	0	%100
61	M95	X	0	0	0	%100
62	M95	Z	1.697	1.697	0	%100
63	M98	X	0	0	0	%100
64	M98	Z	.715	.715	0	%100
65	M99	X	0	0	0	%100
66	M99	Z	.715	.715	0	%100
67	M102	X	0	0	0	%100
68	M102	Z	.202	.202	0	%100
69	M103	X	0	0	0	%100
70	M103	Z	.5	.5	0	%100
71	M106	X	0	0	0	%100
72	M106	Z	1.037	1.037	0	%100
73	M107	X	0	0	0	%100
74	M107	Z	1.037	1.037	0	%100
75	M120	X	0	0	0	%100



Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
 1:35 PM  
 Checked By: \_\_\_\_\_

**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, %]
76	M120	Z	.149	.149	0 %100
77	M121	X	0	0	0 %100
78	M121	Z	.161	.161	0 %100
79	M122	X	0	0	0 %100
80	M122	Z	.646	.646	0 %100
81	M123	X	0	0	0 %100
82	M123	Z	.18	.18	0 %100
83	M124	X	0	0	0 %100
84	M124	Z	.149	.149	0 %100
85	M127	X	0	0	0 %100
86	M127	Z	.369	.369	0 %100
87	M128	X	0	0	0 %100
88	M128	Z	1.474	1.474	0 %100
89	M129	X	0	0	0 %100
90	M129	Z	.161	.161	0 %100
91	M130	X	0	0	0 %100
92	M130	Z	.646	.646	0 %100
93	M131	X	0	0	0 %100
94	M131	Z	.18	.18	0 %100
95	M146	X	0	0	0 %100
96	M146	Z	1.697	1.697	0 %100
97	M149	X	0	0	0 %100
98	M149	Z	.715	.715	0 %100
99	M150	X	0	0	0 %100
100	M150	Z	.715	.715	0 %100
101	M153	X	0	0	0 %100
102	M153	Z	.202	.202	0 %100
103	M148A	X	0	0	0 %100
104	M148A	Z	1.689	1.689	0 %100
105	M149A	X	0	0	0 %100
106	M149A	Z	.422	.422	0 %100
107	M150A	X	0	0	0 %100
108	M150A	Z	.422	.422	0 %100
109	M151A	X	0	0	0 %100
110	M151A	Z	.65	.65	0 %100
111	M152A	X	0	0	0 %100
112	M152A	Z	0	0	0 %100
113	M154	X	0	0	0 %100
114	M154	Z	.162	.162	0 %100
115	M157	X	0	0	0 %100
116	M157	Z	.162	.162	0 %100
117	M166	X	0	0	0 %100
118	M166	Z	1.368	1.368	0 %100
119	M162A	X	0	0	0 %100
120	M162A	Z	0	0	0 %100
121	M163A	X	0	0	0 %100
122	M163A	Z	1.368	1.368	0 %100
123	M164A	X	0	0	0 %100
124	M164A	Z	1.026	1.026	0 %100
125	M165A	X	0	0	0 %100
126	M165A	Z	.342	.342	0 %100
127	M166A	X	0	0	0 %100
128	M166A	Z	1.026	1.026	0 %100
129	M167	X	0	0	0 %100
130	M167	Z	.342	.342	0 %100
131	M168	X	0	0	0 %100
132	M168	Z	1.026	1.026	0 %100



Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
 1:35 PM  
 Checked By: \_\_\_\_\_

**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, %]
133	M169	X	0	0	%100
134	M169	Z	.342	.342	%100
135	M170	X	0	0	%100
136	M170	Z	1.026	1.026	%100
137	M171	X	0	0	%100
138	M171	Z	.342	.342	%100
139	M172	X	0	0	%100
140	M172	Z	.602	.602	%100
141	M173	X	0	0	%100
142	M173	Z	.151	.151	%100
143	M174	X	0	0	%100
144	M174	Z	.151	.151	%100
145	M175	X	0	0	%100
146	M175	Z	.65	.65	%100
147	M176	X	0	0	%100
148	M176	Z	.162	.162	%100
149	M177	X	0	0	%100
150	M177	Z	.162	.162	%100
151	MP5A	X	0	0	%100
152	MP5A	Z	.65	.65	%100
153	MP1A	X	0	0	%100
154	MP1A	Z	.65	.65	%100
155	MP2A	X	0	0	%100
156	MP2A	Z	.65	.65	%100
157	MP3A	X	0	0	%100
158	MP3A	Z	.65	.65	%100
159	MP4A	X	0	0	%100
160	MP4A	Z	.65	.65	%100
161	MP5C	X	0	0	%100
162	MP5C	Z	.65	.65	%100
163	MP1C	X	0	0	%100
164	MP1C	Z	.65	.65	%100
165	MP3C	X	0	0	%100
166	MP3C	Z	.65	.65	%100
167	MP5B	X	0	0	%100
168	MP5B	Z	.65	.65	%100
169	MP1B	X	0	0	%100
170	MP1B	Z	.65	.65	%100
171	MP3B	X	0	0	%100
172	MP3B	Z	.65	.65	%100
173	M211	X	0	0	%100
174	M211	Z	.65	.65	%100
175	M215	X	0	0	%100
176	M215	Z	.162	.162	%100
177	M219	X	0	0	%100
178	M219	Z	.162	.162	%100
179	M222	X	0	0	%100
180	M222	Z	1.641	1.641	%100
181	M223	X	0	0	%100
182	M223	Z	1.641	1.641	%100
183	M226	X	0	0	%100
184	M226	Z	.41	.41	%100
185	M227	X	0	0	%100
186	M227	Z	.41	.41	%100
187	M230	X	0	0	%100
188	M230	Z	.41	.41	%100
189	M231	X	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%]	End Location[ft.%]
190	M231	Z	.41	.41	0	%100
191	M238	X	0	0	0	%100
192	M238	Z	.194	.194	0	%100
193	M239	X	0	0	0	%100
194	M239	Z	.194	.194	0	%100
195	M240	X	0	0	0	%100
196	M240	Z	.776	.776	0	%100
197	OVP	X	0	0	0	%100
198	OVP	Z	.65	.65	0	%100
199	MP2C	X	0	0	0	%100
200	MP2C	Z	.65	.65	0	%100
201	MP4C	X	0	0	0	%100
202	MP4C	Z	.65	.65	0	%100
203	MP2B	X	0	0	0	%100
204	MP2B	Z	.65	.65	0	%100
205	MP4B	X	0	0	0	%100
206	MP4B	Z	.65	.65	0	%100
207	M243A	X	0	0	0	%100
208	M243A	Z	.57	.57	0	%100
209	M244A	X	0	0	0	%100
210	M244A	Z	.57	.57	0	%100
211	M245A	X	0	0	0	%100
212	M245A	Z	.935	.935	0	%100
213	M246A	X	0	0	0	%100
214	M246A	Z	.045	.045	0	%100
215	M247A	X	0	0	0	%100
216	M247A	Z	.045	.045	0	%100
217	M248A	X	0	0	0	%100
218	M248A	Z	.935	.935	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%]	End Location[ft.%]
1	M1	X	-.083	-.083	0	%100
2	M1	Z	.144	.144	0	%100
3	M4	X	-.173	-.173	0	%100
4	M4	Z	.299	.299	0	%100
5	M5	X	-.173	-.173	0	%100
6	M5	Z	.299	.299	0	%100
7	M18	X	-.224	-.224	0	%100
8	M18	Z	.388	.388	0	%100
9	M19	X	0	0	0	%100
10	M19	Z	0	0	0	%100
11	M20	X	-.242	-.242	0	%100
12	M20	Z	.42	.42	0	%100
13	M21	X	-.271	-.271	0	%100
14	M21	Z	.469	.469	0	%100
15	M22	X	-.224	-.224	0	%100
16	M22	Z	.388	.388	0	%100
17	M28	X	0	0	0	%100
18	M28	Z	0	0	0	%100
19	M29	X	-.553	-.553	0	%100
20	M29	Z	.957	.957	0	%100
21	M27A	X	0	0	0	%100
22	M27A	Z	0	0	0	%100
23	M28A	X	-.242	-.242	0	%100
24	M28A	Z	.42	.42	0	%100



Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
 1:35 PM  
 Checked By: \_\_\_\_\_

**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, %]
25	M29A	X	-.271	-.271	0 %100
26	M29A	Z	.469	.469	0 %100
27	M44	X	-.849	-.849	0 %100
28	M44	Z	1.47	1.47	0 %100
29	M47	X	-.5	-.5	0 %100
30	M47	Z	.865	.865	0 %100
31	M48	X	-.5	-.5	0 %100
32	M48	Z	.865	.865	0 %100
33	M51	X	-.302	-.302	0 %100
34	M51	Z	.524	.524	0 %100
35	M52	X	-.083	-.083	0 %100
36	M52	Z	.144	.144	0 %100
37	M55	X	-.173	-.173	0 %100
38	M55	Z	.299	.299	0 %100
39	M56	X	-.173	-.173	0 %100
40	M56	Z	.299	.299	0 %100
41	M69	X	-.224	-.224	0 %100
42	M69	Z	.388	.388	0 %100
43	M70	X	-.242	-.242	0 %100
44	M70	Z	.42	.42	0 %100
45	M71	X	0	0	0 %100
46	M71	Z	0	0	0 %100
47	M72	X	-.271	-.271	0 %100
48	M72	Z	.469	.469	0 %100
49	M73	X	-.224	-.224	0 %100
50	M73	Z	.388	.388	0 %100
51	M76	X	-.553	-.553	0 %100
52	M76	Z	.957	.957	0 %100
53	M77	X	0	0	0 %100
54	M77	Z	0	0	0 %100
55	M78	X	-.242	-.242	0 %100
56	M78	Z	.42	.42	0 %100
57	M79	X	0	0	0 %100
58	M79	Z	0	0	0 %100
59	M80	X	-.271	-.271	0 %100
60	M80	Z	.469	.469	0 %100
61	M95	X	-.358	-.358	0 %100
62	M95	Z	.619	.619	0 %100
63	M98	X	-.849	-.849	0 %100
64	M98	Z	1.47	1.47	0 %100
65	M99	X	-.849	-.849	0 %100
66	M99	Z	1.47	1.47	0 %100
67	M102	X	-.302	-.302	0 %100
68	M102	Z	.524	.524	0 %100
69	M103	X	-.333	-.333	0 %100
70	M103	Z	.577	.577	0 %100
71	M106	X	-.691	-.691	0 %100
72	M106	Z	1.198	1.198	0 %100
73	M107	X	-.691	-.691	0 %100
74	M107	Z	1.198	1.198	0 %100
75	M120	X	0	0	0 %100
76	M120	Z	0	0	0 %100
77	M121	X	-.242	-.242	0 %100
78	M121	Z	.42	.42	0 %100
79	M122	X	-.242	-.242	0 %100
80	M122	Z	.42	.42	0 %100
81	M123	X	0	0	0 %100



Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
 1:35 PM  
 Checked By: \_\_\_\_\_

**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.%]
82	M123	Z	0	0	0	%100
83	M124	X	0	0	0	%100
84	M124	Z	0	0	0	%100
85	M127	X	-.553	-.553	0	%100
86	M127	Z	.957	.957	0	%100
87	M128	X	-.553	-.553	0	%100
88	M128	Z	.957	.957	0	%100
89	M129	X	-.242	-.242	0	%100
90	M129	Z	.42	.42	0	%100
91	M130	X	-.242	-.242	0	%100
92	M130	Z	.42	.42	0	%100
93	M131	X	0	0	0	%100
94	M131	Z	0	0	0	%100
95	M146	X	-1.094	-1.094	0	%100
96	M146	Z	1.895	1.895	0	%100
97	M149	X	-.112	-.112	0	%100
98	M149	Z	.194	.194	0	%100
99	M150	X	-.112	-.112	0	%100
100	M150	Z	.194	.194	0	%100
101	M153	X	0	0	0	%100
102	M153	Z	0	0	0	%100
103	M148A	X	-.633	-.633	0	%100
104	M148A	Z	1.097	1.097	0	%100
105	M149A	X	-.633	-.633	0	%100
106	M149A	Z	1.097	1.097	0	%100
107	M150A	X	0	0	0	%100
108	M150A	Z	0	0	0	%100
109	M151A	X	-.244	-.244	0	%100
110	M151A	Z	.422	.422	0	%100
111	M152A	X	-.171	-.171	0	%100
112	M152A	Z	.296	.296	0	%100
113	M154	X	-.244	-.244	0	%100
114	M154	Z	.422	.422	0	%100
115	M157	X	0	0	0	%100
116	M157	Z	0	0	0	%100
117	M166	X	-.513	-.513	0	%100
118	M166	Z	.888	.888	0	%100
119	M162A	X	-.171	-.171	0	%100
120	M162A	Z	.296	.296	0	%100
121	M163A	X	-.513	-.513	0	%100
122	M163A	Z	.888	.888	0	%100
123	M164A	X	-.171	-.171	0	%100
124	M164A	Z	.296	.296	0	%100
125	M165A	X	-.513	-.513	0	%100
126	M165A	Z	.888	.888	0	%100
127	M166A	X	-.171	-.171	0	%100
128	M166A	Z	.296	.296	0	%100
129	M167	X	-.513	-.513	0	%100
130	M167	Z	.888	.888	0	%100
131	M168	X	-.684	-.684	0	%100
132	M168	Z	1.184	1.184	0	%100
133	M169	X	0	0	0	%100
134	M169	Z	0	0	0	%100
135	M170	X	-.684	-.684	0	%100
136	M170	Z	1.184	1.184	0	%100
137	M171	X	0	0	0	%100
138	M171	Z	0	0	0	%100



Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
 1:35 PM  
 Checked By: \_\_\_\_\_

**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, %]
139	M172	X	-.226	-.226	0 %100
140	M172	Z	.391	.391	0 %100
141	M173	X	-.226	-.226	0 %100
142	M173	Z	.391	.391	0 %100
143	M174	X	0	0	0 %100
144	M174	Z	0	0	0 %100
145	M175	X	-.244	-.244	0 %100
146	M175	Z	.422	.422	0 %100
147	M176	X	-.244	-.244	0 %100
148	M176	Z	.422	.422	0 %100
149	M177	X	0	0	0 %100
150	M177	Z	0	0	0 %100
151	MP5A	X	-.325	-.325	0 %100
152	MP5A	Z	.563	.563	0 %100
153	MP1A	X	-.325	-.325	0 %100
154	MP1A	Z	.563	.563	0 %100
155	MP2A	X	-.325	-.325	0 %100
156	MP2A	Z	.563	.563	0 %100
157	MP3A	X	-.325	-.325	0 %100
158	MP3A	Z	.563	.563	0 %100
159	MP4A	X	-.325	-.325	0 %100
160	MP4A	Z	.563	.563	0 %100
161	MP5C	X	-.325	-.325	0 %100
162	MP5C	Z	.563	.563	0 %100
163	MP1C	X	-.325	-.325	0 %100
164	MP1C	Z	.563	.563	0 %100
165	MP3C	X	-.325	-.325	0 %100
166	MP3C	Z	.563	.563	0 %100
167	MP5B	X	-.325	-.325	0 %100
168	MP5B	Z	.563	.563	0 %100
169	MP1B	X	-.325	-.325	0 %100
170	MP1B	Z	.563	.563	0 %100
171	MP3B	X	-.325	-.325	0 %100
172	MP3B	Z	.563	.563	0 %100
173	M211	X	-.244	-.244	0 %100
174	M211	Z	.422	.422	0 %100
175	M215	X	-.244	-.244	0 %100
176	M215	Z	.422	.422	0 %100
177	M219	X	0	0	0 %100
178	M219	Z	0	0	0 %100
179	M222	X	-.615	-.615	0 %100
180	M222	Z	1.066	1.066	0 %100
181	M223	X	-.615	-.615	0 %100
182	M223	Z	1.066	1.066	0 %100
183	M226	X	-.615	-.615	0 %100
184	M226	Z	1.066	1.066	0 %100
185	M227	X	-.615	-.615	0 %100
186	M227	Z	1.066	1.066	0 %100
187	M230	X	0	0	0 %100
188	M230	Z	0	0	0 %100
189	M231	X	0	0	0 %100
190	M231	Z	0	0	0 %100
191	M238	X	-.291	-.291	0 %100
192	M238	Z	.504	.504	0 %100
193	M239	X	0	0	0 %100
194	M239	Z	0	0	0 %100
195	M240	X	-.291	-.291	0 %100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%,]	End Location[ft.%,]
196	M240	Z	.504	.504	0	%100
197	OVP	X	-.325	-.325	0	%100
198	OVP	Z	.563	.563	0	%100
199	MP2C	X	-.325	-.325	0	%100
200	MP2C	Z	.563	.563	0	%100
201	MP4C	X	-.325	-.325	0	%100
202	MP4C	Z	.563	.563	0	%100
203	MP2B	X	-.325	-.325	0	%100
204	MP2B	Z	.563	.563	0	%100
205	MP4B	X	-.325	-.325	0	%100
206	MP4B	Z	.563	.563	0	%100
207	M243A	X	-.049	-.049	0	%100
208	M243A	Z	.085	.085	0	%100
209	M244A	X	-.494	-.494	0	%100
210	M244A	Z	.856	.856	0	%100
211	M245A	X	-.494	-.494	0	%100
212	M245A	Z	.856	.856	0	%100
213	M246A	X	-.049	-.049	0	%100
214	M246A	Z	.085	.085	0	%100
215	M247A	X	-.231	-.231	0	%100
216	M247A	Z	.401	.401	0	%100
217	M248A	X	-.231	-.231	0	%100
218	M248A	Z	.401	.401	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%,]	End Location[ft.%,]
1	M1	X	-.433	-.433	0	%100
2	M1	Z	.25	.25	0	%100
3	M4	X	-.898	-.898	0	%100
4	M4	Z	.519	.519	0	%100
5	M5	X	-.898	-.898	0	%100
6	M5	Z	.519	.519	0	%100
7	M18	X	-.129	-.129	0	%100
8	M18	Z	.075	.075	0	%100
9	M19	X	-.14	-.14	0	%100
10	M19	Z	.081	.081	0	%100
11	M20	X	-.559	-.559	0	%100
12	M20	Z	.323	.323	0	%100
13	M21	X	-.156	-.156	0	%100
14	M21	Z	.09	.09	0	%100
15	M22	X	-.129	-.129	0	%100
16	M22	Z	.075	.075	0	%100
17	M28	X	-.319	-.319	0	%100
18	M28	Z	.184	.184	0	%100
19	M29	X	-1.277	-1.277	0	%100
20	M29	Z	.737	.737	0	%100
21	M27A	X	-.14	-.14	0	%100
22	M27A	Z	.081	.081	0	%100
23	M28A	X	-.559	-.559	0	%100
24	M28A	Z	.323	.323	0	%100
25	M29A	X	-.156	-.156	0	%100
26	M29A	Z	.09	.09	0	%100
27	M44	X	-.619	-.619	0	%100
28	M44	Z	.358	.358	0	%100
29	M47	X	-2.359	-2.359	0	%100
30	M47	Z	1.362	1.362	0	%100





Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
 1:35 PM  
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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.%]
31	M48	X	-2.359	-2.359	0 %100
32	M48	Z	1.362	1.362	0 %100
33	M51	X	-.175	-.175	0 %100
34	M51	Z	.101	.101	0 %100
35	M52	X	0	0	0 %100
36	M52	Z	0	0	0 %100
37	M55	X	0	0	0 %100
38	M55	Z	0	0	0 %100
39	M56	X	0	0	0 %100
40	M56	Z	0	0	0 %100
41	M69	X	-.518	-.518	0 %100
42	M69	Z	.299	.299	0 %100
43	M70	X	-.14	-.14	0 %100
44	M70	Z	.081	.081	0 %100
45	M71	X	-.14	-.14	0 %100
46	M71	Z	.081	.081	0 %100
47	M72	X	-.625	-.625	0 %100
48	M72	Z	.361	.361	0 %100
49	M73	X	-.518	-.518	0 %100
50	M73	Z	.299	.299	0 %100
51	M76	X	-.319	-.319	0 %100
52	M76	Z	.184	.184	0 %100
53	M77	X	-.319	-.319	0 %100
54	M77	Z	.184	.184	0 %100
55	M78	X	-.14	-.14	0 %100
56	M78	Z	.081	.081	0 %100
57	M79	X	-.14	-.14	0 %100
58	M79	Z	.081	.081	0 %100
59	M80	X	-.625	-.625	0 %100
60	M80	Z	.361	.361	0 %100
61	M95	X	-.194	-.194	0 %100
62	M95	Z	.112	.112	0 %100
63	M98	X	-1.895	-1.895	0 %100
64	M98	Z	1.094	1.094	0 %100
65	M99	X	-1.895	-1.895	0 %100
66	M99	Z	1.094	1.094	0 %100
67	M102	X	-.698	-.698	0 %100
68	M102	Z	.403	.403	0 %100
69	M103	X	-.433	-.433	0 %100
70	M103	Z	.25	.25	0 %100
71	M106	X	-.898	-.898	0 %100
72	M106	Z	.519	.519	0 %100
73	M107	X	-.898	-.898	0 %100
74	M107	Z	.519	.519	0 %100
75	M120	X	-.129	-.129	0 %100
76	M120	Z	.075	.075	0 %100
77	M121	X	-.559	-.559	0 %100
78	M121	Z	.323	.323	0 %100
79	M122	X	-.14	-.14	0 %100
80	M122	Z	.081	.081	0 %100
81	M123	X	-.156	-.156	0 %100
82	M123	Z	.09	.09	0 %100
83	M124	X	-.129	-.129	0 %100
84	M124	Z	.075	.075	0 %100
85	M127	X	-1.277	-1.277	0 %100
86	M127	Z	.737	.737	0 %100
87	M128	X	-.319	-.319	0 %100



Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
 1:35 PM  
 Checked By: \_\_\_\_\_

**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.%]
88	M128	Z	.184	.184	0 %100
89	M129	X	-.559	-.559	0 %100
90	M129	Z	.323	.323	0 %100
91	M130	X	-.14	-.14	0 %100
92	M130	Z	.081	.081	0 %100
93	M131	X	-.156	-.156	0 %100
94	M131	Z	.09	.09	0 %100
95	M146	X	-1.47	-1.47	0 %100
96	M146	Z	.849	.849	0 %100
97	M149	X	-.619	-.619	0 %100
98	M149	Z	.358	.358	0 %100
99	M150	X	-.619	-.619	0 %100
100	M150	Z	.358	.358	0 %100
101	M153	X	-.175	-.175	0 %100
102	M153	Z	.101	.101	0 %100
103	M148A	X	-.366	-.366	0 %100
104	M148A	Z	.211	.211	0 %100
105	M149A	X	-1.462	-1.462	0 %100
106	M149A	Z	.844	.844	0 %100
107	M150A	X	-.366	-.366	0 %100
108	M150A	Z	.211	.211	0 %100
109	M151A	X	-.141	-.141	0 %100
110	M151A	Z	.081	.081	0 %100
111	M152A	X	-.888	-.888	0 %100
112	M152A	Z	.513	.513	0 %100
113	M154	X	-.563	-.563	0 %100
114	M154	Z	.325	.325	0 %100
115	M157	X	-.141	-.141	0 %100
116	M157	Z	.081	.081	0 %100
117	M166	X	-.296	-.296	0 %100
118	M166	Z	.171	.171	0 %100
119	M162A	X	-.888	-.888	0 %100
120	M162A	Z	.513	.513	0 %100
121	M163A	X	-.296	-.296	0 %100
122	M163A	Z	.171	.171	0 %100
123	M164A	X	0	0	0 %100
124	M164A	Z	0	0	0 %100
125	M165A	X	-1.184	-1.184	0 %100
126	M165A	Z	.684	.684	0 %100
127	M166A	X	0	0	0 %100
128	M166A	Z	0	0	0 %100
129	M167	X	-1.184	-1.184	0 %100
130	M167	Z	.684	.684	0 %100
131	M168	X	-.888	-.888	0 %100
132	M168	Z	.513	.513	0 %100
133	M169	X	-.296	-.296	0 %100
134	M169	Z	.171	.171	0 %100
135	M170	X	-.888	-.888	0 %100
136	M170	Z	.513	.513	0 %100
137	M171	X	-.296	-.296	0 %100
138	M171	Z	.171	.171	0 %100
139	M172	X	-.13	-.13	0 %100
140	M172	Z	.075	.075	0 %100
141	M173	X	-.521	-.521	0 %100
142	M173	Z	.301	.301	0 %100
143	M174	X	-.13	-.13	0 %100
144	M174	Z	.075	.075	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, %]
202	MP4C	Z	.325	.325	0	%100
203	MP2B	X	-.563	-.563	0	%100
204	MP2B	Z	.325	.325	0	%100
205	MP4B	X	-.563	-.563	0	%100
206	MP4B	Z	.325	.325	0	%100
207	M243A	X	-.039	-.039	0	%100
208	M243A	Z	.022	.022	0	%100
209	M244A	X	-.809	-.809	0	%100
210	M244A	Z	.467	.467	0	%100
211	M245A	X	-.494	-.494	0	%100
212	M245A	Z	.285	.285	0	%100
213	M246A	X	-.494	-.494	0	%100
214	M246A	Z	.285	.285	0	%100
215	M247A	X	-.809	-.809	0	%100
216	M247A	Z	.467	.467	0	%100
217	M248A	X	-.039	-.039	0	%100
218	M248A	Z	.022	.022	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	-.666	-.666	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	-1.383	-1.383	0	%100
4	M4	Z	0	0	0	%100
5	M5	X	-1.383	-1.383	0	%100
6	M5	Z	0	0	0	%100
7	M18	X	0	0	0	%100
8	M18	Z	0	0	0	%100
9	M19	X	-.484	-.484	0	%100
10	M19	Z	0	0	0	%100
11	M20	X	-.484	-.484	0	%100
12	M20	Z	0	0	0	%100
13	M21	X	0	0	0	%100
14	M21	Z	0	0	0	%100
15	M22	X	0	0	0	%100
16	M22	Z	0	0	0	%100
17	M28	X	-1.106	-1.106	0	%100
18	M28	Z	0	0	0	%100
19	M29	X	-1.106	-1.106	0	%100
20	M29	Z	0	0	0	%100
21	M27A	X	-.484	-.484	0	%100
22	M27A	Z	0	0	0	%100
23	M28A	X	-.484	-.484	0	%100
24	M28A	Z	0	0	0	%100
25	M29A	X	0	0	0	%100
26	M29A	Z	0	0	0	%100
27	M44	X	-.224	-.224	0	%100
28	M44	Z	0	0	0	%100
29	M47	X	-3.586	-3.586	0	%100
30	M47	Z	0	0	0	%100
31	M48	X	-3.586	-3.586	0	%100
32	M48	Z	0	0	0	%100
33	M51	X	0	0	0	%100
34	M51	Z	0	0	0	%100
35	M52	X	-.167	-.167	0	%100
36	M52	Z	0	0	0	%100



Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
 1:35 PM  
 Checked By: \_\_\_\_\_

**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, %]
37	M55	X	-0.346	-0.346	0 %100
38	M55	Z	0	0	0 %100
39	M56	X	-0.346	-0.346	0 %100
40	M56	Z	0	0	0 %100
41	M69	X	-0.448	-0.448	0 %100
42	M69	Z	0	0	0 %100
43	M70	X	0	0	0 %100
44	M70	Z	0	0	0 %100
45	M71	X	-0.484	-0.484	0 %100
46	M71	Z	0	0	0 %100
47	M72	X	-0.541	-0.541	0 %100
48	M72	Z	0	0	0 %100
49	M73	X	-0.448	-0.448	0 %100
50	M73	Z	0	0	0 %100
51	M76	X	0	0	0 %100
52	M76	Z	0	0	0 %100
53	M77	X	-1.106	-1.106	0 %100
54	M77	Z	0	0	0 %100
55	M78	X	0	0	0 %100
56	M78	Z	0	0	0 %100
57	M79	X	-0.484	-0.484	0 %100
58	M79	Z	0	0	0 %100
59	M80	X	-0.541	-0.541	0 %100
60	M80	Z	0	0	0 %100
61	M95	X	-0.715	-0.715	0 %100
62	M95	Z	0	0	0 %100
63	M98	X	-1.697	-1.697	0 %100
64	M98	Z	0	0	0 %100
65	M99	X	-1.697	-1.697	0 %100
66	M99	Z	0	0	0 %100
67	M102	X	-0.605	-0.605	0 %100
68	M102	Z	0	0	0 %100
69	M103	X	-0.167	-0.167	0 %100
70	M103	Z	0	0	0 %100
71	M106	X	-0.346	-0.346	0 %100
72	M106	Z	0	0	0 %100
73	M107	X	-0.346	-0.346	0 %100
74	M107	Z	0	0	0 %100
75	M120	X	-0.448	-0.448	0 %100
76	M120	Z	0	0	0 %100
77	M121	X	-0.484	-0.484	0 %100
78	M121	Z	0	0	0 %100
79	M122	X	0	0	0 %100
80	M122	Z	0	0	0 %100
81	M123	X	-0.541	-0.541	0 %100
82	M123	Z	0	0	0 %100
83	M124	X	-0.448	-0.448	0 %100
84	M124	Z	0	0	0 %100
85	M127	X	-1.106	-1.106	0 %100
86	M127	Z	0	0	0 %100
87	M128	X	0	0	0 %100
88	M128	Z	0	0	0 %100
89	M129	X	-0.484	-0.484	0 %100
90	M129	Z	0	0	0 %100
91	M130	X	0	0	0 %100
92	M130	Z	0	0	0 %100
93	M131	X	-0.541	-0.541	0 %100



Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
 1:35 PM  
 Checked By: \_\_\_\_\_

**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.%]
94	M131	Z	0	0	0	%100
95	M146	X	-0.715	-0.715	0	%100
96	M146	Z	0	0	0	%100
97	M149	X	-1.697	-1.697	0	%100
98	M149	Z	0	0	0	%100
99	M150	X	-1.697	-1.697	0	%100
100	M150	Z	0	0	0	%100
101	M153	X	-0.605	-0.605	0	%100
102	M153	Z	0	0	0	%100
103	M148A	X	0	0	0	%100
104	M148A	Z	0	0	0	%100
105	M149A	X	-1.267	-1.267	0	%100
106	M149A	Z	0	0	0	%100
107	M150A	X	-1.267	-1.267	0	%100
108	M150A	Z	0	0	0	%100
109	M151A	X	0	0	0	%100
110	M151A	Z	0	0	0	%100
111	M152A	X	-1.368	-1.368	0	%100
112	M152A	Z	0	0	0	%100
113	M154	X	-0.487	-0.487	0	%100
114	M154	Z	0	0	0	%100
115	M157	X	-0.487	-0.487	0	%100
116	M157	Z	0	0	0	%100
117	M166	X	0	0	0	%100
118	M166	Z	0	0	0	%100
119	M162A	X	-1.368	-1.368	0	%100
120	M162A	Z	0	0	0	%100
121	M163A	X	0	0	0	%100
122	M163A	Z	0	0	0	%100
123	M164A	X	-0.342	-0.342	0	%100
124	M164A	Z	0	0	0	%100
125	M165A	X	-1.026	-1.026	0	%100
126	M165A	Z	0	0	0	%100
127	M166A	X	-0.342	-0.342	0	%100
128	M166A	Z	0	0	0	%100
129	M167	X	-1.026	-1.026	0	%100
130	M167	Z	0	0	0	%100
131	M168	X	-0.342	-0.342	0	%100
132	M168	Z	0	0	0	%100
133	M169	X	-1.026	-1.026	0	%100
134	M169	Z	0	0	0	%100
135	M170	X	-0.342	-0.342	0	%100
136	M170	Z	0	0	0	%100
137	M171	X	-1.026	-1.026	0	%100
138	M171	Z	0	0	0	%100
139	M172	X	0	0	0	%100
140	M172	Z	0	0	0	%100
141	M173	X	-0.452	-0.452	0	%100
142	M173	Z	0	0	0	%100
143	M174	X	-0.452	-0.452	0	%100
144	M174	Z	0	0	0	%100
145	M175	X	0	0	0	%100
146	M175	Z	0	0	0	%100
147	M176	X	-0.487	-0.487	0	%100
148	M176	Z	0	0	0	%100
149	M177	X	-0.487	-0.487	0	%100
150	M177	Z	0	0	0	%100

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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
151	MP5A	X	-65	-65	0 %100
152	MP5A	Z	0	0	0 %100
153	MP1A	X	-65	-65	0 %100
154	MP1A	Z	0	0	0 %100
155	MP2A	X	-65	-65	0 %100
156	MP2A	Z	0	0	0 %100
157	MP3A	X	-65	-65	0 %100
158	MP3A	Z	0	0	0 %100
159	MP4A	X	-65	-65	0 %100
160	MP4A	Z	0	0	0 %100
161	MP5C	X	-65	-65	0 %100
162	MP5C	Z	0	0	0 %100
163	MP1C	X	-65	-65	0 %100
164	MP1C	Z	0	0	0 %100
165	MP3C	X	-65	-65	0 %100
166	MP3C	Z	0	0	0 %100
167	MP5B	X	-65	-65	0 %100
168	MP5B	Z	0	0	0 %100
169	MP1B	X	-65	-65	0 %100
170	MP1B	Z	0	0	0 %100
171	MP3B	X	-65	-65	0 %100
172	MP3B	Z	0	0	0 %100
173	M211	X	0	0	0 %100
174	M211	Z	0	0	0 %100
175	M215	X	-487	-487	0 %100
176	M215	Z	0	0	0 %100
177	M219	X	-487	-487	0 %100
178	M219	Z	0	0	0 %100
179	M222	X	0	0	0 %100
180	M222	Z	0	0	0 %100
181	M223	X	0	0	0 %100
182	M223	Z	0	0	0 %100
183	M226	X	-1.231	-1.231	0 %100
184	M226	Z	0	0	0 %100
185	M227	X	-1.231	-1.231	0 %100
186	M227	Z	0	0	0 %100
187	M230	X	-1.231	-1.231	0 %100
188	M230	Z	0	0	0 %100
189	M231	X	-1.231	-1.231	0 %100
190	M231	Z	0	0	0 %100
191	M238	X	-582	-582	0 %100
192	M238	Z	0	0	0 %100
193	M239	X	-582	-582	0 %100
194	M239	Z	0	0	0 %100
195	M240	X	0	0	0 %100
196	M240	Z	0	0	0 %100
197	OVP	X	-65	-65	0 %100
198	OVP	Z	0	0	0 %100
199	MP2C	X	-65	-65	0 %100
200	MP2C	Z	0	0	0 %100
201	MP4C	X	-65	-65	0 %100
202	MP4C	Z	0	0	0 %100
203	MP2B	X	-65	-65	0 %100
204	MP2B	Z	0	0	0 %100
205	MP4B	X	-65	-65	0 %100
206	MP4B	Z	0	0	0 %100
207	M243A	X	-463	-463	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, %]
208	M243A	Z	0	0	%100
209	M244A	X	-463	-463	%100
210	M244A	Z	0	0	%100
211	M245A	X	-098	-098	%100
212	M245A	Z	0	0	%100
213	M246A	X	-988	-988	%100
214	M246A	Z	0	0	%100
215	M247A	X	-988	-988	%100
216	M247A	Z	0	0	%100
217	M248A	X	-098	-098	%100
218	M248A	Z	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	-433	-433	%100
2	M1	Z	-25	-25	%100
3	M4	X	-898	-898	%100
4	M4	Z	-519	-519	%100
5	M5	X	-898	-898	%100
6	M5	Z	-519	-519	%100
7	M18	X	-129	-129	%100
8	M18	Z	-075	-075	%100
9	M19	X	-559	-559	%100
10	M19	Z	-323	-323	%100
11	M20	X	-14	-14	%100
12	M20	Z	-081	-081	%100
13	M21	X	-156	-156	%100
14	M21	Z	-09	-09	%100
15	M22	X	-129	-129	%100
16	M22	Z	-075	-075	%100
17	M28	X	-1.277	-1.277	%100
18	M28	Z	-737	-737	%100
19	M29	X	-319	-319	%100
20	M29	Z	-184	-184	%100
21	M27A	X	-559	-559	%100
22	M27A	Z	-323	-323	%100
23	M28A	X	-14	-14	%100
24	M28A	Z	-081	-081	%100
25	M29A	X	-156	-156	%100
26	M29A	Z	-09	-09	%100
27	M44	X	-619	-619	%100
28	M44	Z	-358	-358	%100
29	M47	X	-2.359	-2.359	%100
30	M47	Z	-1.362	-1.362	%100
31	M48	X	-2.359	-2.359	%100
32	M48	Z	-1.362	-1.362	%100
33	M51	X	-175	-175	%100
34	M51	Z	-101	-101	%100
35	M52	X	-433	-433	%100
36	M52	Z	-25	-25	%100
37	M55	X	-898	-898	%100
38	M55	Z	-519	-519	%100
39	M56	X	-898	-898	%100
40	M56	Z	-519	-519	%100
41	M69	X	-129	-129	%100
42	M69	Z	-075	-075	%100





Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
 1:35 PM  
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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, %]
43	M70	X	- .14	- .14	0 %100
44	M70	Z	- .081	- .081	0 %100
45	M71	X	- .559	- .559	0 %100
46	M71	Z	- .323	- .323	0 %100
47	M72	X	- .156	- .156	0 %100
48	M72	Z	- .09	- .09	0 %100
49	M73	X	- .129	- .129	0 %100
50	M73	Z	- .075	- .075	0 %100
51	M76	X	- .319	- .319	0 %100
52	M76	Z	- .184	- .184	0 %100
53	M77	X	- 1.277	- 1.277	0 %100
54	M77	Z	- .737	- .737	0 %100
55	M78	X	- .14	- .14	0 %100
56	M78	Z	- .081	- .081	0 %100
57	M79	X	- .559	- .559	0 %100
58	M79	Z	- .323	- .323	0 %100
59	M80	X	- .156	- .156	0 %100
60	M80	Z	- .09	- .09	0 %100
61	M95	X	- 1.47	- 1.47	0 %100
62	M95	Z	- .849	- .849	0 %100
63	M98	X	- .619	- .619	0 %100
64	M98	Z	- .358	- .358	0 %100
65	M99	X	- .619	- .619	0 %100
66	M99	Z	- .358	- .358	0 %100
67	M102	X	- .175	- .175	0 %100
68	M102	Z	- .101	- .101	0 %100
69	M103	X	0	0	0 %100
70	M103	Z	0	0	0 %100
71	M106	X	0	0	0 %100
72	M106	Z	0	0	0 %100
73	M107	X	0	0	0 %100
74	M107	Z	0	0	0 %100
75	M120	X	- .518	- .518	0 %100
76	M120	Z	- .299	- .299	0 %100
77	M121	X	- .14	- .14	0 %100
78	M121	Z	- .081	- .081	0 %100
79	M122	X	- .14	- .14	0 %100
80	M122	Z	- .081	- .081	0 %100
81	M123	X	- .625	- .625	0 %100
82	M123	Z	- .361	- .361	0 %100
83	M124	X	- .518	- .518	0 %100
84	M124	Z	- .299	- .299	0 %100
85	M127	X	- .319	- .319	0 %100
86	M127	Z	- .184	- .184	0 %100
87	M128	X	- .319	- .319	0 %100
88	M128	Z	- .184	- .184	0 %100
89	M129	X	- .14	- .14	0 %100
90	M129	Z	- .081	- .081	0 %100
91	M130	X	- .14	- .14	0 %100
92	M130	Z	- .081	- .081	0 %100
93	M131	X	- .625	- .625	0 %100
94	M131	Z	- .361	- .361	0 %100
95	M146	X	- .194	- .194	0 %100
96	M146	Z	- .112	- .112	0 %100
97	M149	X	- 1.895	- 1.895	0 %100
98	M149	Z	- 1.094	- 1.094	0 %100
99	M150	X	- 1.895	- 1.895	0 %100



Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
 1:35 PM  
 Checked By: \_\_\_\_\_

**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, %]
100	M150	Z	-1.094	-1.094	0 %100
101	M153	X	-.698	-.698	0 %100
102	M153	Z	-.403	-.403	0 %100
103	M148A	X	-.366	-.366	0 %100
104	M148A	Z	-.211	-.211	0 %100
105	M149A	X	-.366	-.366	0 %100
106	M149A	Z	-.211	-.211	0 %100
107	M150A	X	-1.462	-1.462	0 %100
108	M150A	Z	-.844	-.844	0 %100
109	M151A	X	-.141	-.141	0 %100
110	M151A	Z	-.081	-.081	0 %100
111	M152A	X	-.888	-.888	0 %100
112	M152A	Z	-.513	-.513	0 %100
113	M154	X	-.141	-.141	0 %100
114	M154	Z	-.081	-.081	0 %100
115	M157	X	-.563	-.563	0 %100
116	M157	Z	-.325	-.325	0 %100
117	M166	X	-.296	-.296	0 %100
118	M166	Z	-.171	-.171	0 %100
119	M162A	X	-.888	-.888	0 %100
120	M162A	Z	-.513	-.513	0 %100
121	M163A	X	-.296	-.296	0 %100
122	M163A	Z	-.171	-.171	0 %100
123	M164A	X	-.888	-.888	0 %100
124	M164A	Z	-.513	-.513	0 %100
125	M165A	X	-.296	-.296	0 %100
126	M165A	Z	-.171	-.171	0 %100
127	M166A	X	-.888	-.888	0 %100
128	M166A	Z	-.513	-.513	0 %100
129	M167	X	-.296	-.296	0 %100
130	M167	Z	-.171	-.171	0 %100
131	M168	X	0	0	0 %100
132	M168	Z	0	0	0 %100
133	M169	X	-1.184	-1.184	0 %100
134	M169	Z	-.684	-.684	0 %100
135	M170	X	0	0	0 %100
136	M170	Z	0	0	0 %100
137	M171	X	-1.184	-1.184	0 %100
138	M171	Z	-.684	-.684	0 %100
139	M172	X	-.13	-.13	0 %100
140	M172	Z	-.075	-.075	0 %100
141	M173	X	-.13	-.13	0 %100
142	M173	Z	-.075	-.075	0 %100
143	M174	X	-.521	-.521	0 %100
144	M174	Z	-.301	-.301	0 %100
145	M175	X	-.141	-.141	0 %100
146	M175	Z	-.081	-.081	0 %100
147	M176	X	-.141	-.141	0 %100
148	M176	Z	-.081	-.081	0 %100
149	M177	X	-.563	-.563	0 %100
150	M177	Z	-.325	-.325	0 %100
151	MP5A	X	-.563	-.563	0 %100
152	MP5A	Z	-.325	-.325	0 %100
153	MP1A	X	-.563	-.563	0 %100
154	MP1A	Z	-.325	-.325	0 %100
155	MP2A	X	-.563	-.563	0 %100
156	MP2A	Z	-.325	-.325	0 %100



Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
 1:35 PM  
 Checked By: \_\_\_\_\_

**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, %]
157	MP3A	X	-563	-563	0 %100
158	MP3A	Z	-325	-325	0 %100
159	MP4A	X	-563	-563	0 %100
160	MP4A	Z	-325	-325	0 %100
161	MP5C	X	-563	-563	0 %100
162	MP5C	Z	-325	-325	0 %100
163	MP1C	X	-563	-563	0 %100
164	MP1C	Z	-325	-325	0 %100
165	MP3C	X	-563	-563	0 %100
166	MP3C	Z	-325	-325	0 %100
167	MP5B	X	-563	-563	0 %100
168	MP5B	Z	-325	-325	0 %100
169	MP1B	X	-563	-563	0 %100
170	MP1B	Z	-325	-325	0 %100
171	MP3B	X	-563	-563	0 %100
172	MP3B	Z	-325	-325	0 %100
173	M211	X	-141	-141	0 %100
174	M211	Z	-081	-081	0 %100
175	M215	X	-141	-141	0 %100
176	M215	Z	-081	-081	0 %100
177	M219	X	-563	-563	0 %100
178	M219	Z	-325	-325	0 %100
179	M222	X	-355	-355	0 %100
180	M222	Z	-205	-205	0 %100
181	M223	X	-355	-355	0 %100
182	M223	Z	-205	-205	0 %100
183	M226	X	-355	-355	0 %100
184	M226	Z	-205	-205	0 %100
185	M227	X	-355	-355	0 %100
186	M227	Z	-205	-205	0 %100
187	M230	X	-1421	-1421	0 %100
188	M230	Z	-821	-821	0 %100
189	M231	X	-1421	-1421	0 %100
190	M231	Z	-821	-821	0 %100
191	M238	X	-168	-168	0 %100
192	M238	Z	-097	-097	0 %100
193	M239	X	-672	-672	0 %100
194	M239	Z	-388	-388	0 %100
195	M240	X	-168	-168	0 %100
196	M240	Z	-097	-097	0 %100
197	OVP	X	-563	-563	0 %100
198	OVP	Z	-325	-325	0 %100
199	MP2C	X	-563	-563	0 %100
200	MP2C	Z	-325	-325	0 %100
201	MP4C	X	-563	-563	0 %100
202	MP4C	Z	-325	-325	0 %100
203	MP2B	X	-563	-563	0 %100
204	MP2B	Z	-325	-325	0 %100
205	MP4B	X	-563	-563	0 %100
206	MP4B	Z	-325	-325	0 %100
207	M243A	X	-809	-809	0 %100
208	M243A	Z	-467	-467	0 %100
209	M244A	X	-039	-039	0 %100
210	M244A	Z	-022	-022	0 %100
211	M245A	X	-039	-039	0 %100
212	M245A	Z	-022	-022	0 %100
213	M246A	X	-809	-809	0 %100



Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
 1:35 PM  
 Checked By: \_\_\_\_\_

**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.%]
214	M246A	Z	-467	-467	0	%100
215	M247A	X	-494	-494	0	%100
216	M247A	Z	-285	-285	0	%100
217	M248A	X	-494	-494	0	%100
218	M248A	Z	-285	-285	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	-083	-083	0	%100
2	M1	Z	-144	-144	0	%100
3	M4	X	-173	-173	0	%100
4	M4	Z	-299	-299	0	%100
5	M5	X	-173	-173	0	%100
6	M5	Z	-299	-299	0	%100
7	M18	X	-224	-224	0	%100
8	M18	Z	-388	-388	0	%100
9	M19	X	-242	-242	0	%100
10	M19	Z	-42	-42	0	%100
11	M20	X	0	0	0	%100
12	M20	Z	0	0	0	%100
13	M21	X	-271	-271	0	%100
14	M21	Z	-469	-469	0	%100
15	M22	X	-224	-224	0	%100
16	M22	Z	-388	-388	0	%100
17	M28	X	-553	-553	0	%100
18	M28	Z	-957	-957	0	%100
19	M29	X	0	0	0	%100
20	M29	Z	0	0	0	%100
21	M27A	X	-242	-242	0	%100
22	M27A	Z	-42	-42	0	%100
23	M28A	X	0	0	0	%100
24	M28A	Z	0	0	0	%100
25	M29A	X	-271	-271	0	%100
26	M29A	Z	-469	-469	0	%100
27	M44	X	-849	-849	0	%100
28	M44	Z	-1.47	-1.47	0	%100
29	M47	X	-.5	-.5	0	%100
30	M47	Z	-.865	-.865	0	%100
31	M48	X	-.5	-.5	0	%100
32	M48	Z	-.865	-.865	0	%100
33	M51	X	-.302	-.302	0	%100
34	M51	Z	-.524	-.524	0	%100
35	M52	X	-.333	-.333	0	%100
36	M52	Z	-.577	-.577	0	%100
37	M55	X	-.691	-.691	0	%100
38	M55	Z	-1.198	-1.198	0	%100
39	M56	X	-.691	-.691	0	%100
40	M56	Z	-1.198	-1.198	0	%100
41	M69	X	0	0	0	%100
42	M69	Z	0	0	0	%100
43	M70	X	-.242	-.242	0	%100
44	M70	Z	-.42	-.42	0	%100
45	M71	X	-.242	-.242	0	%100
46	M71	Z	-.42	-.42	0	%100
47	M72	X	0	0	0	%100
48	M72	Z	0	0	0	%100



Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
 1:35 PM  
 Checked By: \_\_\_\_\_

**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, %]	
49	M73	X	0	0	0	%100
50	M73	Z	0	0	0	%100
51	M76	X	-.553	-.553	0	%100
52	M76	Z	-.957	-.957	0	%100
53	M77	X	-.553	-.553	0	%100
54	M77	Z	-.957	-.957	0	%100
55	M78	X	-.242	-.242	0	%100
56	M78	Z	-.42	-.42	0	%100
57	M79	X	-.242	-.242	0	%100
58	M79	Z	-.42	-.42	0	%100
59	M80	X	0	0	0	%100
60	M80	Z	0	0	0	%100
61	M95	X	-1.094	-1.094	0	%100
62	M95	Z	-1.895	-1.895	0	%100
63	M98	X	-.112	-.112	0	%100
64	M98	Z	-.194	-.194	0	%100
65	M99	X	-.112	-.112	0	%100
66	M99	Z	-.194	-.194	0	%100
67	M102	X	0	0	0	%100
68	M102	Z	0	0	0	%100
69	M103	X	-.083	-.083	0	%100
70	M103	Z	-.144	-.144	0	%100
71	M106	X	-.173	-.173	0	%100
72	M106	Z	-.299	-.299	0	%100
73	M107	X	-.173	-.173	0	%100
74	M107	Z	-.299	-.299	0	%100
75	M120	X	-.224	-.224	0	%100
76	M120	Z	-.388	-.388	0	%100
77	M121	X	0	0	0	%100
78	M121	Z	0	0	0	%100
79	M122	X	-.242	-.242	0	%100
80	M122	Z	-.42	-.42	0	%100
81	M123	X	-.271	-.271	0	%100
82	M123	Z	-.469	-.469	0	%100
83	M124	X	-.224	-.224	0	%100
84	M124	Z	-.388	-.388	0	%100
85	M127	X	0	0	0	%100
86	M127	Z	0	0	0	%100
87	M128	X	-.553	-.553	0	%100
88	M128	Z	-.957	-.957	0	%100
89	M129	X	0	0	0	%100
90	M129	Z	0	0	0	%100
91	M130	X	-.242	-.242	0	%100
92	M130	Z	-.42	-.42	0	%100
93	M131	X	-.271	-.271	0	%100
94	M131	Z	-.469	-.469	0	%100
95	M146	X	-.358	-.358	0	%100
96	M146	Z	-.619	-.619	0	%100
97	M149	X	-.849	-.849	0	%100
98	M149	Z	-1.47	-1.47	0	%100
99	M150	X	-.849	-.849	0	%100
100	M150	Z	-1.47	-1.47	0	%100
101	M153	X	-.302	-.302	0	%100
102	M153	Z	-.524	-.524	0	%100
103	M148A	X	-.633	-.633	0	%100
104	M148A	Z	-1.097	-1.097	0	%100
105	M149A	X	0	0	0	%100



Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
 1:35 PM  
 Checked By: \_\_\_\_\_

**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, %]	
106	M149A	Z	0	0	0	%100
107	M150A	X	-.633	-.633	0	%100
108	M150A	Z	-1.097	-1.097	0	%100
109	M151A	X	-.244	-.244	0	%100
110	M151A	Z	-.422	-.422	0	%100
111	M152A	X	-.171	-.171	0	%100
112	M152A	Z	-.296	-.296	0	%100
113	M154	X	0	0	0	%100
114	M154	Z	0	0	0	%100
115	M157	X	-.244	-.244	0	%100
116	M157	Z	-.422	-.422	0	%100
117	M166	X	-.513	-.513	0	%100
118	M166	Z	-.888	-.888	0	%100
119	M162A	X	-.171	-.171	0	%100
120	M162A	Z	-.296	-.296	0	%100
121	M163A	X	-.513	-.513	0	%100
122	M163A	Z	-.888	-.888	0	%100
123	M164A	X	-.684	-.684	0	%100
124	M164A	Z	-1.184	-1.184	0	%100
125	M165A	X	0	0	0	%100
126	M165A	Z	0	0	0	%100
127	M166A	X	-.684	-.684	0	%100
128	M166A	Z	-1.184	-1.184	0	%100
129	M167	X	0	0	0	%100
130	M167	Z	0	0	0	%100
131	M168	X	-.171	-.171	0	%100
132	M168	Z	-.296	-.296	0	%100
133	M169	X	-.513	-.513	0	%100
134	M169	Z	-.888	-.888	0	%100
135	M170	X	-.171	-.171	0	%100
136	M170	Z	-.296	-.296	0	%100
137	M171	X	-.513	-.513	0	%100
138	M171	Z	-.888	-.888	0	%100
139	M172	X	-.226	-.226	0	%100
140	M172	Z	-.391	-.391	0	%100
141	M173	X	0	0	0	%100
142	M173	Z	0	0	0	%100
143	M174	X	-.226	-.226	0	%100
144	M174	Z	-.391	-.391	0	%100
145	M175	X	-.244	-.244	0	%100
146	M175	Z	-.422	-.422	0	%100
147	M176	X	0	0	0	%100
148	M176	Z	0	0	0	%100
149	M177	X	-.244	-.244	0	%100
150	M177	Z	-.422	-.422	0	%100
151	MP5A	X	-.325	-.325	0	%100
152	MP5A	Z	-.563	-.563	0	%100
153	MP1A	X	-.325	-.325	0	%100
154	MP1A	Z	-.563	-.563	0	%100
155	MP2A	X	-.325	-.325	0	%100
156	MP2A	Z	-.563	-.563	0	%100
157	MP3A	X	-.325	-.325	0	%100
158	MP3A	Z	-.563	-.563	0	%100
159	MP4A	X	-.325	-.325	0	%100
160	MP4A	Z	-.563	-.563	0	%100
161	MP5C	X	-.325	-.325	0	%100
162	MP5C	Z	-.563	-.563	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, %]
163	MP1C	X	-.325	-.325	0 %100
164	MP1C	Z	-.563	-.563	0 %100
165	MP3C	X	-.325	-.325	0 %100
166	MP3C	Z	-.563	-.563	0 %100
167	MP5B	X	-.325	-.325	0 %100
168	MP5B	Z	-.563	-.563	0 %100
169	MP1B	X	-.325	-.325	0 %100
170	MP1B	Z	-.563	-.563	0 %100
171	MP3B	X	-.325	-.325	0 %100
172	MP3B	Z	-.563	-.563	0 %100
173	M211	X	-.244	-.244	0 %100
174	M211	Z	-.422	-.422	0 %100
175	M215	X	0	0	0 %100
176	M215	Z	0	0	0 %100
177	M219	X	-.244	-.244	0 %100
178	M219	Z	-.422	-.422	0 %100
179	M222	X	-.615	-.615	0 %100
180	M222	Z	-1.066	-1.066	0 %100
181	M223	X	-.615	-.615	0 %100
182	M223	Z	-1.066	-1.066	0 %100
183	M226	X	0	0	0 %100
184	M226	Z	0	0	0 %100
185	M227	X	0	0	0 %100
186	M227	Z	0	0	0 %100
187	M230	X	-.615	-.615	0 %100
188	M230	Z	-1.066	-1.066	0 %100
189	M231	X	-.615	-.615	0 %100
190	M231	Z	-1.066	-1.066	0 %100
191	M238	X	0	0	0 %100
192	M238	Z	0	0	0 %100
193	M239	X	-.291	-.291	0 %100
194	M239	Z	-.504	-.504	0 %100
195	M240	X	-.291	-.291	0 %100
196	M240	Z	-.504	-.504	0 %100
197	OVP	X	-.325	-.325	0 %100
198	OVP	Z	-.563	-.563	0 %100
199	MP2C	X	-.325	-.325	0 %100
200	MP2C	Z	-.563	-.563	0 %100
201	MP4C	X	-.325	-.325	0 %100
202	MP4C	Z	-.563	-.563	0 %100
203	MP2B	X	-.325	-.325	0 %100
204	MP2B	Z	-.563	-.563	0 %100
205	MP4B	X	-.325	-.325	0 %100
206	MP4B	Z	-.563	-.563	0 %100
207	M243A	X	-.494	-.494	0 %100
208	M243A	Z	-.856	-.856	0 %100
209	M244A	X	-.049	-.049	0 %100
210	M244A	Z	-.085	-.085	0 %100
211	M245A	X	-.231	-.231	0 %100
212	M245A	Z	-.401	-.401	0 %100
213	M246A	X	-.231	-.231	0 %100
214	M246A	Z	-.401	-.401	0 %100
215	M247A	X	-.049	-.049	0 %100
216	M247A	Z	-.085	-.085	0 %100
217	M248A	X	-.494	-.494	0 %100
218	M248A	Z	-.856	-.856	0 %100



Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
 1:35 PM  
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**Member Distributed Loads (BLC 87 : BLC 39 Transient Area Loads)**

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%,]	End Location[ft.%,]
1	M151A	Y	-1.607	-3.977	0	.93
2	M151A	Y	-3.977	-6.603	.93	1.86
3	M151A	Y	-6.603	-9.112	1.86	2.79
4	M151A	Y	-9.112	-6.574	2.79	3.72
5	M151A	Y	-6.574	-.378	3.72	4.65
6	M162A	Y	.233	.233	0	.095
7	M162A	Y	.233	.206	.095	.191
8	M162A	Y	.206	-.174	.191	.286
9	M162A	Y	-.174	-2.856	.286	.382
10	M162A	Y	-2.856	-7.512	.382	.477
11	M168	Y	.054	.054	0	.119
12	M168	Y	.054	-.151	.119	.239
13	M168	Y	-.151	-.792	.239	.358
14	M168	Y	-.792	-1.661	.358	.477
15	M177	Y	-.37	-6.418	.517	1.447
16	M177	Y	-6.418	-9.513	1.447	2.377
17	M177	Y	-9.513	-7.04	2.377	3.307
18	M177	Y	-7.04	-3.825	3.307	4.237
19	M177	Y	-3.825	-1.293	4.237	5.167
20	M51	Y	-.69	-4.201	3.2	3.911
21	M51	Y	-4.201	-15.247	3.911	4.622
22	M51	Y	-15.247	-33.827	4.622	5.333
23	M102	Y	-28.185	-11.007	0	1.067
24	M102	Y	-11.007	1.234	1.067	2.133
25	M157	Y	-2.012	-3.925	0	.93
26	M157	Y	-3.925	-7.081	.93	1.86
27	M157	Y	-7.081	-9.795	1.86	2.79
28	M157	Y	-9.795	-6.654	2.79	3.72
29	M157	Y	-6.654	-.359	3.72	4.65
30	M164A	Y	.257	.257	0	.095
31	M164A	Y	.257	.23	.095	.191
32	M164A	Y	.23	-.097	.191	.286
33	M164A	Y	-.097	-2.967	.286	.382
34	M164A	Y	-2.967	-8.106	.382	.477
35	M170	Y	.018	.018	0	.095
36	M170	Y	.018	-.009	.095	.191
37	M170	Y	-.009	-.391	.191	.286
38	M170	Y	-.391	-.929	.286	.382
39	M170	Y	-.929	-1.293	.382	.477
40	M176	Y	-.433	-7.026	.517	1.447
41	M176	Y	-7.026	-8.572	1.447	2.377
42	M176	Y	-8.572	-6.05	2.377	3.307
43	M176	Y	-6.05	-4.153	3.307	4.237
44	M176	Y	-4.153	-.433	4.237	5.167
45	M51	Y	-28.119	-10.989	0	1.067
46	M51	Y	-10.989	1.228	1.067	2.133
47	M153	Y	1.24	-4.236	3.2	3.911
48	M153	Y	-4.236	-17.149	3.911	4.622
49	M153	Y	-17.149	-32.025	4.622	5.333
50	M152A	Y	.238	.238	0	.095
51	M152A	Y	.238	.211	.095	.191
52	M152A	Y	.211	-.117	.191	.286
53	M152A	Y	-.117	-2.793	.286	.382
54	M152A	Y	-2.793	-7.546	.382	.477
55	M154	Y	-2.012	-3.925	0	.93
56	M154	Y	-3.925	-7.081	.93	1.86
57	M154	Y	-7.081	-9.795	1.86	2.79





Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
 1:35 PM  
 Checked By: \_\_\_\_\_

**Member Distributed Loads (BLC 87 : BLC 39 Transient Area Loads) (Continued)**

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
58	M154	Y	-9.795	-6.654	2.79	3.72
59	M154	Y	-6.654	-.359	3.72	4.65
60	M166A	Y	.037	.037	0	.095
61	M166A	Y	.037	.01	.095	.191
62	M166A	Y	.01	-.372	.191	.286
63	M166A	Y	-.372	-1.102	.286	.382
64	M166A	Y	-1.102	-1.852	.382	.477
65	M175	Y	-.433	-7.026	.517	1.447
66	M175	Y	-7.026	-8.572	1.447	2.377
67	M175	Y	-8.572	-6.05	2.377	3.307
68	M175	Y	-6.05	-4.153	3.307	4.237
69	M175	Y	-4.153	-.433	4.237	5.167
70	M102	Y	-.69	-4.201	3.2	3.911
71	M102	Y	-4.201	-15.247	3.911	4.622
72	M102	Y	-15.247	-33.827	4.622	5.333
73	M153	Y	-28.185	-11.007	0	1.067
74	M153	Y	-11.007	1.234	1.067	2.133

**Member Distributed Loads (BLC 88 : BLC 40 Transient Area Loads)**

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M151A	Y	-3.536	-8.75	0	.93
2	M151A	Y	-8.75	-14.526	.93	1.86
3	M151A	Y	-14.526	-20.046	1.86	2.79
4	M151A	Y	-20.046	-14.463	2.79	3.72
5	M151A	Y	-14.463	-.831	3.72	4.65
6	M162A	Y	.512	.512	0	.095
7	M162A	Y	.512	.453	.095	.191
8	M162A	Y	.453	-.384	.191	.286
9	M162A	Y	-.384	-6.282	.286	.382
10	M162A	Y	-6.282	-16.525	.382	.477
11	M168	Y	.12	.12	0	.119
12	M168	Y	.12	-.333	.119	.239
13	M168	Y	-.333	-1.742	.239	.358
14	M168	Y	-1.742	-3.655	.358	.477
15	M177	Y	-.813	-14.119	.517	1.447
16	M177	Y	-14.119	-20.928	1.447	2.377
17	M177	Y	-20.928	-15.489	2.377	3.307
18	M177	Y	-15.489	-8.415	3.307	4.237
19	M177	Y	-8.415	-2.846	4.237	5.167
20	M51	Y	-1.517	-9.242	3.2	3.911
21	M51	Y	-9.242	-33.543	3.911	4.622
22	M51	Y	-33.543	-74.419	4.622	5.333
23	M102	Y	-62.006	-24.215	0	1.067
24	M102	Y	-24.215	2.715	1.067	2.133
25	M157	Y	-4.426	-8.636	0	.93
26	M157	Y	-8.636	-15.578	.93	1.86
27	M157	Y	-15.578	-21.548	1.86	2.79
28	M157	Y	-21.548	-14.638	2.79	3.72
29	M157	Y	-14.638	-.791	3.72	4.65
30	M164A	Y	.565	.565	0	.095
31	M164A	Y	.565	.506	.095	.191
32	M164A	Y	.506	-.214	.191	.286
33	M164A	Y	-.214	-6.527	.286	.382
34	M164A	Y	-6.527	-17.833	.382	.477
35	M170	Y	.04	.04	0	.095
36	M170	Y	.04	-.02	.095	.191

**Member Distributed Loads (BLC 88 : BLC 40 Transient Area Loads) (Continued)**

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
37	M170	Y	-.02	-.861	.191	.286
38	M170	Y	-.861	-2.043	.286	.382
39	M170	Y	-2.043	-2.844	.382	.477
40	M176	Y	-.953	-15.457	.517	1.447
41	M176	Y	-15.457	-18.859	1.447	2.377
42	M176	Y	-18.859	-13.309	2.377	3.307
43	M176	Y	-13.309	-9.137	3.307	4.237
44	M176	Y	-9.137	-.953	4.237	5.167
45	M51	Y	-61.862	-24.175	0	1.067
46	M51	Y	-24.175	2.702	1.067	2.133
47	M153	Y	2.727	-9.319	3.2	3.911
48	M153	Y	-9.319	-37.728	3.911	4.622
49	M153	Y	-37.728	-70.455	4.622	5.333
50	M152A	Y	.523	.523	0	.095
51	M152A	Y	.523	.463	.095	.191
52	M152A	Y	.463	-.256	.191	.286
53	M152A	Y	-.256	-6.145	.286	.382
54	M152A	Y	-6.145	-16.602	.382	.477
55	M154	Y	-4.426	-8.636	0	.93
56	M154	Y	-8.636	-15.578	.93	1.86
57	M154	Y	-15.578	-21.548	1.86	2.79
58	M154	Y	-21.548	-14.638	2.79	3.72
59	M154	Y	-14.638	-.791	3.72	4.65
60	M166A	Y	.082	.082	0	.095
61	M166A	Y	.082	.023	.095	.191
62	M166A	Y	.023	-.819	.191	.286
63	M166A	Y	-.819	-2.425	.286	.382
64	M166A	Y	-2.425	-4.074	.382	.477
65	M175	Y	-.953	-15.457	.517	1.447
66	M175	Y	-15.457	-18.859	1.447	2.377
67	M175	Y	-18.859	-13.309	2.377	3.307
68	M175	Y	-13.309	-9.137	3.307	4.237
69	M175	Y	-9.137	-.953	4.237	5.167
70	M102	Y	-1.517	-9.242	3.2	3.911
71	M102	Y	-9.242	-33.543	3.911	4.622
72	M102	Y	-33.543	-74.419	4.622	5.333
73	M153	Y	-62.006	-24.215	0	1.067
74	M153	Y	-24.215	2.715	1.067	2.133

**Member Area Loads (BLC 39 : Structure D)**

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N207A	N229	N230	N214	Y	Two Way	-.005
2	N224	N222	N65	N130	Y	Two Way	-.005
3	N228	N215	N207B	N227	Y	Two Way	-.005
4	N221	N226	N198	N66	Y	Two Way	-.005
5	N232	N208	N206A	N231	Y	Two Way	-.005
6	N225	N223	N129	N199	Y	Two Way	-.005

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

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N207A	N229	N230	N214	Y	Two Way	-.011
2	N224	N222	N65	N130	Y	Two Way	-.011
3	N228	N215	N207B	N227	Y	Two Way	-.011
4	N221	N226	N198	N66	Y	Two Way	-.011
5	N232	N208	N206A	N231	Y	Two Way	-.011



Company :  
 Designer :  
 Job Number :  
 Model Name :

Dec 1, 2021  
 1:35 PM  
 Checked By: \_\_\_\_\_

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

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
6	N225	N223	N129	N199	Y	Two Way	-.011

**Envelope Joint Reactions**

Joint	X [lb]	LC	Y [lb]	LC	Z [lb]	LC	MX [k-ft]	LC	MY [k-ft]	LC	MZ [k-ft]	LC
1	N2	max	932.584	10	2963.147	13	1496.411	1	0	51	0	51
2		min	-910.03	4	738.428	43	-2460.288	7	0	1	0	1
3	N71B	max	1281.298	9	2712.851	21	1331.226	4	0	51	0	51
4		min	-2093.949	3	752.499	3	-892.497	10	0	1	0	1
5	N140	max	2056.896	11	2714.219	17	1397.751	11	0	51	0	51
6		min	-1266.611	5	736.675	11	-920.323	5	0	1	0	1
7	N348C	max	1332.652	10	60.381	23	1121.5	12	0	4	0	51
8		min	-1122.024	4	19.828	4	-953.942	6	-.002	22	0	1
9	N349B	max	907.145	10	59.584	19	1229.376	1	.004	19	0	51
10		min	-884.575	4	19.557	1	-1480.423	7	0	1	0	49
11	N350B	max	1145.848	10	60.323	15	1064.1	1	0	10	0	51
12		min	-1378.624	4	19.863	10	-935.258	7	-.002	16	0	1
13	Totals:	max	7051.701	10	8322.694	16	6926.712	1				
14		min	-7051.698	4	3497.028	10	-6926.699	7				

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

Member	Shape	Code Check	Loc[ft]	LC	Shear	...	Loc[ft]	Dir	LC	phi*Pnc	...	phi*Pnt [lb]	phi*Mn y...	phi*Mn z...	Cb	Eqn
1	M1	PIPE 3.5	.191	.499	13	.126	0		13	77368.936		78750	7.954	7.954	1...	H1-1b
2	M4	C4X4.5	.502	2.369	5	.307	1.75	y	10	27152.333		43416	1.093	5.535	2...	H1-1b
3	M5	C4X4.5	.499	1.093	10	.305	1.75	y	4	27152.333		43416	1.093	5.535	2...	H1-1b
4	M18	L2x2x4	.000	0	13	.000	.417	z	24	29529.179		30585.6	.691	1.577	1...	H2-1
5	M19	L2x2x4	.243	1.172	22	.271	1.25	y	13	28259.816		30585.6	.691	1.577	1...	H2-1
6	M20	L2x2x4	.234	1.172	16	.272	1.25	y	13	28259.816		30585.6	.691	1.577	1...	H2-1
7	M21	L2x2x4	.472	1.476	13	.080	1.476	y	13	24553.106		30585.6	.691	1.577	1...	H2-1
8	M22	L2x2x4	.000	0	13	.000	0	z	24	29529.179		30585.6	.691	1.577	1...	H2-1
9	M28	C4X2	.454	1.178	22	.058	1.178	y	32	63207.978		68801.4	2.141	7.717	2...	H1-1b
10	M29	C4X2	.439	1.178	16	.058	1.178	z	12	63207.978		68801.4	2.141	7.717	2...	H1-1b
11	M27A	L2x2x4	.247	1.159	24	.275	1.25	z	13	28259.816		30585.6	.691	1.577	1...	H2-1
12	M28A	L2x2x4	.249	1.159	14	.274	1.25	y	13	28259.816		30585.6	.691	1.577	1...	H2-1
13	M29A	L2x2x4	.473	.608	13	.080	.608	z	14	24553.106		30585.6	.691	1.577	1...	H2-1
14	M44	PL1/2x8	.003	.5	1	.000	.5	z	1	90068.726		129600	1.35	20.007	1	H1-1b
15	M47	PL1/2x8	.294	1	4	.127	0	y	4	90068.726		129600	1.35	21.6	1...	H1-1b
16	M48	PL1/2x8	.293	1	10	.127	0	y	10	90068.726		129600	1.35	21.6	1...	H1-1b
17	M51	HSS3X3X3	.448	3.278	17	.111	2.056	y	14	63318.059		78246	6.796	6.796	1...	H1-1b
18	M52	PIPE 3.5	.175	.499	22	.115	0		21	77368.936		78750	7.954	7.954	1...	H1-1b
19	M55	C4X4.5	.459	2.369	13	.239	1.75	y	6	27152.333		43416	1.093	5.535	2...	H1-1b
20	M56	C4X4.5	.444	2.369	16	.246	1.75	y	12	27152.333		43416	1.093	5.535	2...	H1-1b
21	M69	L2x2x4	.000	0	21	.000	.417	z	24	29529.179		30585.6	.691	1.577	1...	H2-1
22	M70	L2x2x4	.227	1.172	22	.246	1.25	y	20	28259.816		30585.6	.691	1.577	1...	H2-1
23	M71	L2x2x4	.220	1.159	23	.251	1.25	z	22	28259.816		30585.6	.691	1.577	1...	H2-1
24	M72	L2x2x4	.434	1.476	22	.073	1.476	y	21	24553.106		30585.6	.691	1.577	1...	H2-1
25	M73	L2x2x4	.000	0	21	.000	0	z	24	29529.179		30585.6	.691	1.577	1...	H2-1
26	M76	C4X2	.424	1.178	22	.058	1.178	z	10	63207.978		68801.4	2.141	7.717	2...	H1-1b
27	M77	C4X2	.405	1.178	24	.066	1.178	y	32	63207.978		68801.4	2.141	7.717	2...	H1-1b
28	M78	L2x2x4	.231	1.159	20	.253	1.25	z	22	28259.816		30585.6	.691	1.577	1...	H2-1
29	M79	L2x2x4	.239	1.159	22	.250	1.25	y	21	28259.816		30585.6	.691	1.577	1...	H2-1
30	M80	L2x2x4	.437	.608	22	.074	.608	z	22	24553.106		30585.6	.691	1.577	1...	H2-1
31	M95	PL1/2x8	.001	.5	11	.000	.5	y	12	90068.726		129600	1.35	21.6	1...	H1-1b
32	M98	PL1/2x8	.244	1	12	.105	0	y	12	90068.726		129600	1.35	21.6	1...	H1-1b
33	M99	PL1/2x8	.240	1	6	.104	1	y	6	90068.726		129600	1.35	21.6	1...	H1-1b



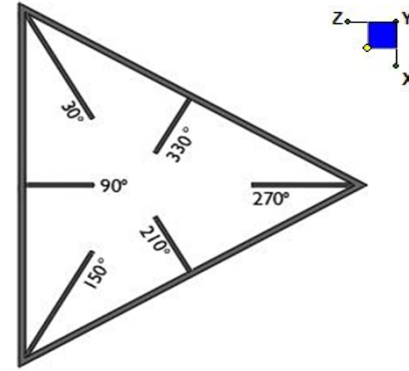
**Envelope AISC 15th(360-16): LRFD Steel Code Checks (Continued)**

Member	Shape	Code Check	Loc[ft]	LC Shear ...	Loc[ft]	Dir	LC	phi*Pnc [...]	phi*Pnt [lb]	phi*Mn y...	phi*Mn z...	Cb	Eqn	
91	M223	PL3/8x6	.421	.239 4	.137	0	y	6	70261.366	72900	.57	9.113	1... H1-1b	
92	M226	PL3/8x6	.429	.239 6	.164	0	y	4	70261.366	72900	.57	9.113	1... H1-1b	
93	M227	PL3/8x6	.433	.239 12	.146	0	y	2	70261.366	72900	.57	9.113	1... H1-1b	
94	M230	PL3/8x6	.433	.239 2	.151	0	y	12	70261.366	72900	.57	9.113	1... H1-1b	
95	M231	PL3/8x6	.428	.239 8	.160	0	y	10	70261.366	72900	.57	9.113	1... H1-1b	
96	M238	L2.5x2.5x4	.271	0	8	.016	0	z	12	36547.927	38556	1.114	2.537	1... H2-1
97	M239	L2.5x2.5x4	.282	1.28 6	.016	.053	z	2	36547.927	38556	1.114	2.537	1... H2-1	
98	M240	L2.5x2.5x4	.283	1.28 2	.020	0	z	10	36547.927	38556	1.114	2.537	1... H2-1	
99	OVP	PIPE 2.0	.292	4.984 11	.023	4.984		11	22356.067	32130	1.872	1.872	2... H1-1b	
100	MP2C	PIPE 2.0	.302	4.366 14	.080	.518		14	17543.317	32130	1.872	1.872	1... H1-1b	
101	MP4C	PIPE 2.0	.293	4.366 16	.077	.518		15	17543.317	32130	1.872	1.872	2... H1-1b	
102	MP2B	PIPE 2.0	.297	4.366 22	.075	.518		22	17543.317	32130	1.872	1.872	2... H1-1b	
103	MP4B	PIPE 2.0	.300	4.366 24	.080	.518		23	17543.317	32130	1.872	1.872	1... H1-1b	
104	M243A	L2.5x2.5x4	.068	2.257 1	.013	0	y	20	20367.494	38556	1.114	2.309	1... H2-1	
105	M244A	L2.5x2.5x4	.067	2.257 1	.014	0	z	18	20367.509	38556	1.114	2.309	1... H2-1	
106	M245A	L2.5x2.5x4	.069	2.257 9	.013	0	y	16	20367.494	38556	1.114	2.309	1... H2-1	
107	M246A	L2.5x2.5x4	.068	2.257 9	.014	0	z	14	20367.509	38556	1.114	2.309	1... H2-1	
108	M247A	L2.5x2.5x4	.069	2.257 5	.014	4.422	y	24	20367.494	38556	1.114	2.309	1... H2-1	
109	M248A	L2.5x2.5x4	.069	2.257 5	.014	4.422	z	22	20367.509	38556	1.114	2.309	1... H2-1	

## I. Mount-to-Tower Connection Check

### RISA Model Data

Nodes (labeled per RISA)	Orientation (per graphic of typical platform)
N71B	30
N2	270
N140	150



TYPICAL PLATFORM

### Tower Connection Bolt Checks

Any moment resistance?:

Bolt Quantity per Reaction:

Bolt Type:

Bolt Diameter (in):

Required Tensile Strength (kips):

Required Shear Strength (kips):

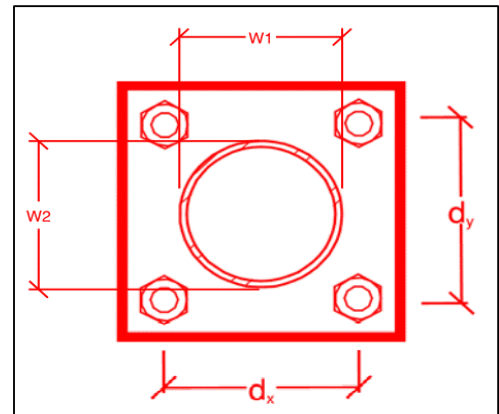
Tensile Strength / bolt (kips):

Shear Strength / bolt (kips):

Tensile Capacity Overall:

Shear Capacity Overall:

no
1
A307
0.75
2.5
3.0
14.4
8.6
<b>17.2%*</b>
<b>34.3%</b>



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

# Mount Desktop – Post Modification Inspection (PMI) Report Requirements

## Documents & Photos Required from Contractor – Mount Modification

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

For additional questions and support, please reach out to [pmisupport@colliersengineering.com](mailto:pmisupport@colliersengineering.com)

---

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

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

### **Base Requirements:**

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

### **Photo Requirements:**

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

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

**Material Certification:**

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

OR

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

**Antenna & equipment placement and Geometry Confirmation:**

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

OR



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

**Comments:**

**Certifying Individual:**

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

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

Yes       No

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

**Issue:**

**Response:**

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

Yes       No

**Contractor certifies no new damage/obstructions created during the current installation:**

Yes       No

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

Safety climb in good condition with no obstructions       Safety Climb Damaged  
 Safety Climb Obstructed

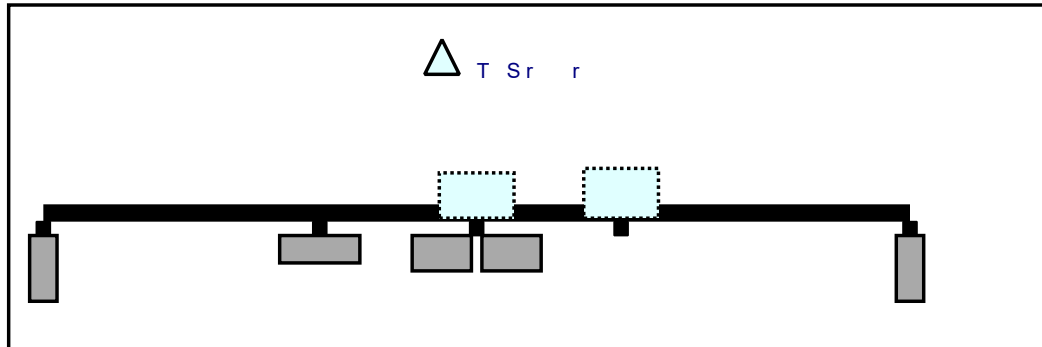
**Comments:**

S r A  
 Sr r T M  
 M E 1 .

11 1  
 P 1

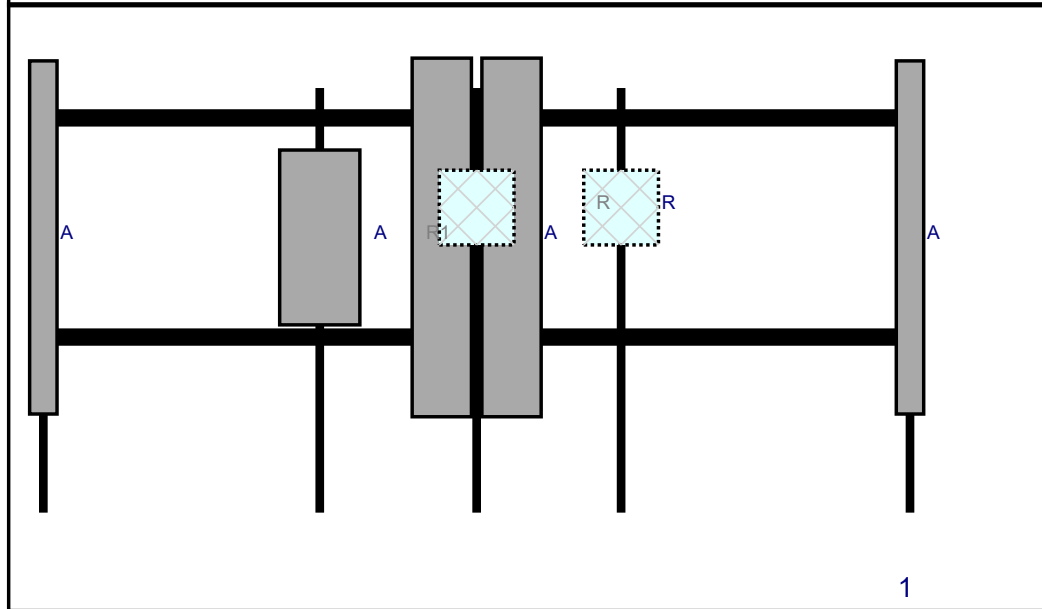
1 11

Plan View



Front View

L Sr r



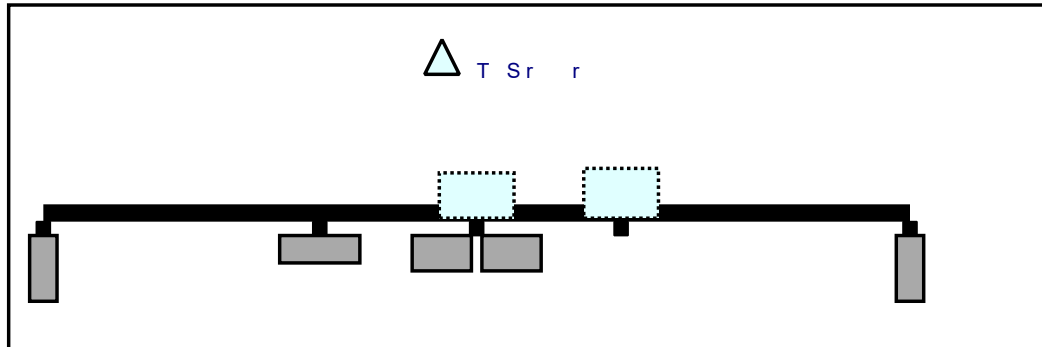
R	M d	d	D	P	P	A	.A	A	S	d
		r L.			P	P	r T.	O		
A	LPA	ED	.	.	1	1	r		R	d 11 1
R	R	d A	1	1	11		B	d		Add d
A		BRB		11.			r		R	d 11 1
A		BRB		11.			r		R	d 11 1
R	R	d 1 A	1	1			B	d		Add d
R1	MT	A	.1	1.1	.		r			Add d
A	LPA	ED	.	.			r		R	d 11 1

S r B  
 Sr r T M  
 M E 1 .

11 1  
 P

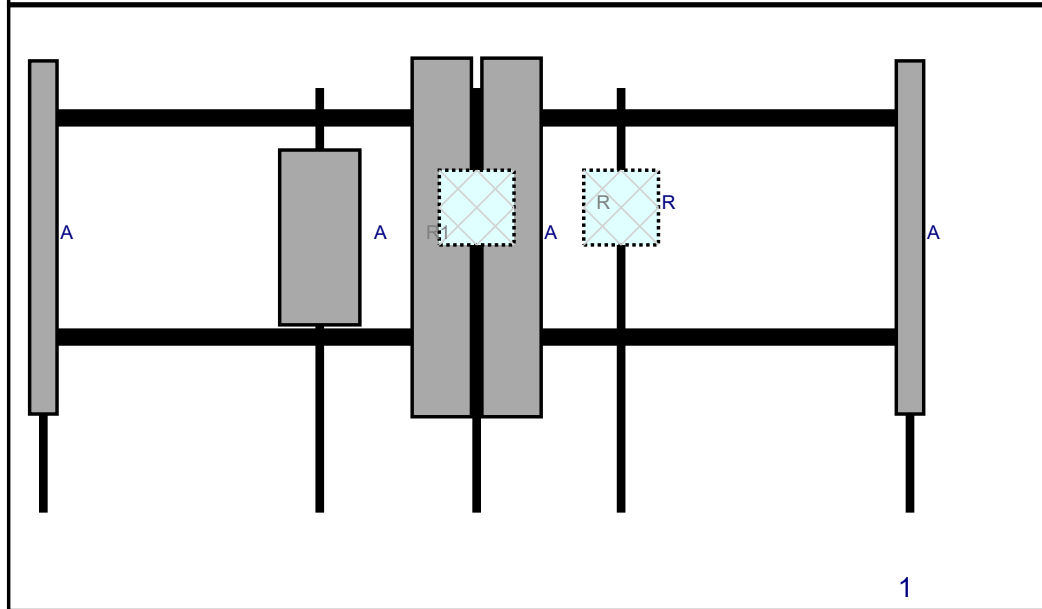
1 11

Plan View



Front View

L Sr r



1

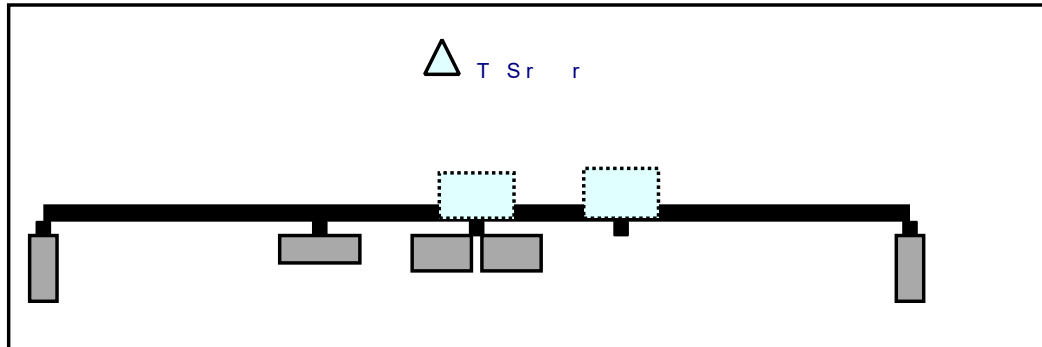
				d	D	P	P	A	.A	A				
R	M	d			r	L.	P	P	r	T.	O	S	d	
A	LPA		ED	.	.	1	1	r				R	d	11 1
R	R	d	A	1	1	11		B	d			Add	d	
A			BRB		11.			r				R	d	11 1
A			BRB		11.			r				R	d	11 1
R	R	d	1 A	1	1			B	d			Add	d	
R1	MT		A	.1	1.1	.		r				Add	d	
A	LPA		ED	.	.			r				R	d	11 1

S r C  
 Sr r T M  
 M E 1 .

11 1  
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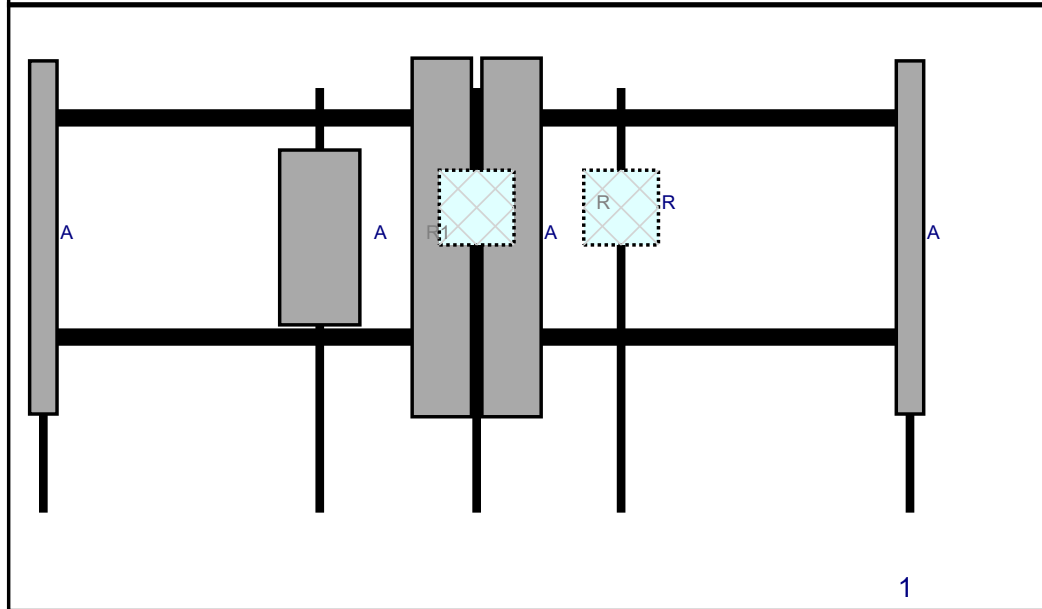
1 11

Plan View



Front View

L Sr r



1

R	M d	d	D	P	P	A	.A	A	S	d
		r L.			P	P	r T.	O		
A	LPA	ED	.	.	1	1	r		R	d 11 1
R	R	d A	1	1	11		B	d		Add d
A		BRB		11.			r		R	d 11 1
A		BRB		11.			r		R	d 11 1
R	R	d 1 A	1	1			B	d		Add d
R1	MT	A	.	1	1.1	.	r			Add d
A	LPA	ED	.	.			r		R	d 11 1

# Maser Consulting Connecticut

**Subject**

TIA-222-H Usage

**Site Information**

Site ID:	469148-VZW / MONROE SOUTH CT
Site Name:	MONROE SOUTH CT
Carrier Name:	Verizon Wireless
Address:	88 Main Street Monroe, Connecticut 06468 Fairfield County
Latitude:	41.300556°
Longitude:	-73.245833°

**Structure Information**

Tower Type:	Monopole
Mount Type:	14.50-Ft Platform

To Whom It May Concern,


We respectfully submit the above referenced Antenna Mount Structural Analysis report in conformance with ANSI/TIA-222-H, Structural Standard for Antenna Supporting Structures and Antennas and Small Wind Turbine Support Structures.

The 2015 International Building Code states that, in Section 3108, telecommunication towers shall be designed and constructed in accordance with the provisions of TIA-222. TIA-222-H is the latest revision of the TIA-222 Standard, effective as of January 01, 2018.

As with all ANSI standards and engineering best practice is to apply the most current revision of the standard. This ensures the engineer is applying all updates. As an example, the TIA-222-H Standard includes updates to bring it in line with the latest AISC and ACI standards and it also incorporates the latest wind speed maps by ASCE 7 based on updated studies of the wind data.

The TIA-222-H standard clarifies these specific requirements for the antenna mount analysis such as modeling methods, seismic analysis, 30-degree increment wind directions and maintenance loading. Therefore, it is our opinion that TIA-222-H is the most appropriate standard for antenna mount structural analysis and is acceptable for use at this site to ensure the engineer is taking into account the most current engineering standard available.

Sincerely,



Derek Hartzell, PE  
Technical Specialist

# Exhibit F

## **Power Density/RF Emissions Report**

Site Name: **MONROE SOUTH 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 <sup>2</sup> )	(mW/cm <sup>2</sup> )	(%)
VZW 700	751	4	643	2571	165	0.0034	0.5007	0.68%
VZW CDMA	877.26	2	427	853	165	0.0011	0.5848	0.19%
VZW Cellular	874	4	633	2530	165	0.0033	0.5827	0.57%
VZW PCS	1980	4	1435	5742	165	0.0076	1.0000	0.76%
VZW AWS	2120	4	1600	6398	165	0.0085	1.0000	0.85%
VZW CBAND	3730.08	2	19770	39539	165	0.0522	1.0000	5.22%
<b>Total Percentage of Maximum Permissible Exposure</b>								<b>8.27%</b>

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

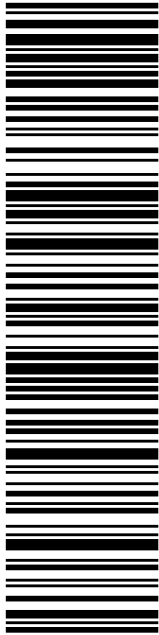
MHz = Megahertz  
 mW/cm<sup>2</sup> = milliwatts per square centimeter  
 ERP = Effective Radiated Power

Absolute worst case maximum values used.



# Exhibit G

## Recipient Mailings



**USPS TRACKING #**

**9405 5036 9930 0185 0570 96**

Electronic Rate Approved #038555749

**P**

03/07/2022

**US POSTAGE**

Flat Rate Envoy

**U.S. POSTAGE PAID**

Click-N-Ship®

Mailed from 01566

**UNITED STATES POSTAL SERVICE®**

**Click-N-Ship®**

usps.com 9405 5036 9930 0185 0570 96 0089 5000 0010 6468

**\$8.95**

**PRIORITY MAIL 2-DAY™**

Expected Delivery Date: 03/10/22

Re#: CR-826053

**0006**

**R005**

SHIP TO: KEN KELLOGG  
FIRST SELECTMAN  
7 FAN HILL RD  
MONROE CT 06468-1847



Cut on dotted line.

### Instructions

1. Each Click-N-Ship® label is unique. Labels are to be used as printed and used only once. DO NOT PHOTO COPY OR ALTER LABEL.
2. Place your label so it does not wrap around the edge of the package.
3. Adhere your label to the package. A self-adhesive label is recommended. If tape or glue is used, DO NOT TAPE OVER BARCODE. Be sure all edges are secure.
4. To mail your package with PC Postage®, you may schedule a Package Pickup online, hand to your letter carrier, take to a Post Office™, or drop in a USPS collection box.
5. Mail your package on the "Ship Date" you selected when creating this label.

### Click-N-Ship® Label Record

**USPS TRACKING # :**  
**9405 5036 9930 0185 0570 96**

Trans. #: 558168339	Priority Mail® Postage: <b>\$8.95</b>
Print Date: 03/07/2022	Total: <b>\$8.95</b>
Ship Date: 03/07/2022	
Expected Delivery Date: 03/10/2022	

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


Re#: CR-826053

**To:** KEN KELLOGG  
FIRST SELECTMAN  
7 FAN HILL RD  
MONROE CT 06468-1847

\* 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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POSTAL SERVICE®**

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**P**

usps.com 9405 5036 9930 0185 0571 02 0089 5000 0010 6468  
**US POSTAGE**  
 Flat Rate Envoy

U.S. POSTAGE PAID  
Click-N-Ship®

03/07/2022 Mailed from 01566

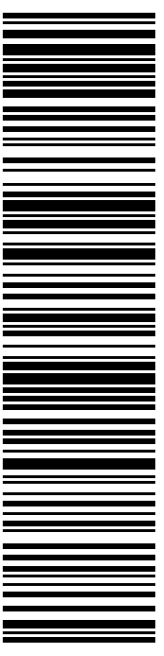
**PRIORITY MAIL 2-DAY™**

Expected Delivery Date: 03/10/22  
 Ref#: CR-826053  
**0006**

**R005**

SHIP TO: RICK SCHULTZ  
 TOWN PLANNER  
 7 FAN HILL RD  
 MONROE CT 06468-1847

**USPS TRACKING #**



**9405 5036 9930 0185 0571 02**

Electronic Rate Approved #038555749



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5. Mail your package on the "Ship Date" you selected when creating this label.

### Click-N-Ship® Label Record

**USPS TRACKING # :**  
**9405 5036 9930 0185 0571 02**

Trans. #: 558168339	Priority Mail® Postage: <b>\$8.95</b>
Print Date: 03/07/2022	Total: <b>\$8.95</b>
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Expected Delivery Date: 03/10/2022	

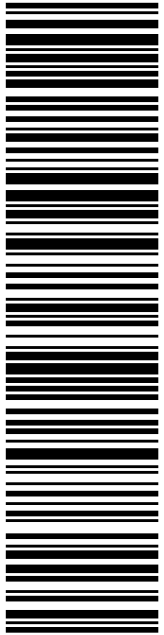
**From:** DEBORAH CHASE  
 NORTHEAST SITE SOLUTIONS  
 420 MAIN ST  
 STE 1  
 STURBRIDGE MA 01566-1359  
 Ref#: CR-826053

**To:** RICK SCHULTZ  
 TOWN PLANNER  
 7 FAN HILL RD  
 MONROE CT 06468-1847

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**USPS TRACKING #**

**9405 5036 9930 0185 0571 19**

Electronic Rate Approved #038555749

**SHIP TO:**

SARAH SNELL  
1800 W PARK DR  
WESTBOROUGH MA 01581-3926

**P**

03/07/2022

**US POSTAGE**  
Flat Rate Env  
\$8.95

usps.com 9405 5036 9930 0185 0571 19 0089 5000 0010 1581

**U.S. POSTAGE PAID**  
click-n-ship®

Mailed from 01566

**PRIORITY MAIL 1-DAY™**

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

Expected Delivery Date: 03/08/22  
Re#: CR-826053  
**0006**

**C006**



Cut on dotted line.

### Instructions

- Each Click-N-Ship® label is unique. Labels are to be used as printed and used only once. DO NOT PHOTO COPY OR ALTER LABEL.
- Place your label so it does not wrap around the edge of the package.
- Adhere your label to the package. A self-adhesive label is recommended. If tape or glue is used, DO NOT TAPE OVER BARCODE. Be sure all edges are secure.
- To mail your package with PC Postage®, you may schedule a Package Pickup online, hand to your letter carrier, take to a Post Office™, or drop in a USPS collection box.
- Mail your package on the "Ship Date" you selected when creating this label.

### Click-N-Ship® Label Record

**USPS TRACKING # :**  
**9405 5036 9930 0185 0571 19**

Trans. #: 558168339	Priority Mail® Postage: <b>\$8.95</b>
Print Date: 03/07/2022	Total: <b>\$8.95</b>
Ship Date: 03/07/2022	
Expected Delivery Date: 03/08/2022	

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


Re#: CR-826053

**To:** SARAH SNELL  
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.



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**Click-N-Ship®**

**P**

usps.com 9405 5036 9930 0185 0571 26 0089 5000 0010 6468  
**US POSTAGE**  
 Flat Rate Envoy

03/07/2022 Mailed from 01566

**U.S. POSTAGE PAID**  
Click-N-Ship®

**PRIORITY MAIL 2-DAY™**


Expected Delivery Date: 03/10/22  
 Ref#: CR-826053  
**0006**

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

**R013**

SHIP TO:  
 STEPNEY VOLUNTEER FIRE CO  
 88 MAIN ST  
 MONROE CT 06468-1637

**USPS TRACKING #**



**9405 5036 9930 0185 0571 26**

Electronic Rate Approved #038555749



Cut on dotted line.

### Instructions

1. Each Click-N-Ship® label is unique. Labels are to be used as printed and used only once. DO NOT PHOTO COPY OR ALTER LABEL.
2. Place your label so it does not wrap around the edge of the package.
3. Adhere your label to the package. A self-adhesive label is recommended. If tape or glue is used, DO NOT TAPE OVER BARCODE. Be sure all edges are secure.
4. To mail your package with PC Postage®, you may schedule a Package Pickup online, hand to your letter carrier, take to a Post Office™, or drop in a USPS collection box.
5. Mail your package on the "Ship Date" you selected when creating this label.

### Click-N-Ship® Label Record

**USPS TRACKING # :**  
**9405 5036 9930 0185 0571 26**

Trans. #: 558168339	Priority Mail® Postage: <b>\$8.95</b>
Print Date: 03/07/2022	Total: <b>\$8.95</b>
Ship Date: 03/07/2022	
Expected Delivery Date: 03/10/2022	

**From:** DEBORAH CHASE      Ref#: CR-826053  
 NORTHEAST SITE SOLUTIONS  
 420 MAIN ST  
 STE 1  
 STURBRIDGE MA 01566-1359

**To:** STEPNEY VOLUNTEER FIRE CO  
 88 MAIN ST  
 MONROE CT 06468-1637

\* 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!  
 Check the status of your shipment on the USPS Tracking® page at usps.com