



Crown Castle
300 Barr Harbor Drive
Suite 300
Conshohocken, PA 19428

May 30, 2024

Via Fedex #776623388442

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

**RE: Notice of Exempt Modification for Verizon Wireless: 5000381595
Crown Site ID# 806366
73 N Main St. Marlborough, CT 06447
Latitude: 41° 37' 47.30"/ Longitude: -72° 27' 59.40"**

Dear Ms. Bachman:

Cellco Partnership d/b/a Verizon Wireless currently maintains twelve (12) antennas at the 159-foot mount on the existing 155-foot monopole tower located at 73 N Main St, Marlborough, CT. The property is owned by Advantage Properties LLC C/O Crown Atlantic Co and the tower is owned by Crown Castle. Cellco Partnership d/b/a Verizon Wireless now intends to remove nine (9) antennas and replace with nine (9) new antennas with 3 remaining antennas and ancillary antenna equipment at the 159-ft level. This Eligible Facilities Request for antenna modification/proposal of an existing telecommunications facility includes hardware that is both 4G (LTE) and 5G capable through remote software configuration and either or both services may be turned on or off at various times.

Planned Modification:

Tower:

Install New:

- (3) COMMSCOPE – NHH-656B-R2B ANTENNAS
- (3) COMMSCOPE – NHHSS-65B-R2BT4 ANTENNAS
- (3) SAMSUNG – MT6413-77A ANTENNAS
- (3) SAMSUNG – RF4461D-13A RADIOS
- (3) SAMSUNG – B2/B66A RRH ORAN (RF4439D-25A) RADIOS
- (3) SAMSUNG – RT4423-48A RADIOS
- (2) RAYCAP – 6 OVP
- (3) COMMSCOPE – BSAMNT-SBS-1-2 DUAL MOUNT KIT

Remove:

- (3) ANDREW – SBNHH-1D65B ANTENNAS
- (3) ANDREW – LNX-6514DS-A1M ANTENNAS
- (3) COMMSCOPE – SBNHH-1D65B ANTENNAS
- (2) RAYCAP – 6 OVP
- (3) NOKIA – UHBA B13 RRH 4X30 RADIOS

(3) NOKIA – UHIC B4 RRH 2X60-4R RADIOS

Ground:

Install New:

(1) GEMINI – 1600390862A POWER PLANT


The facility was originally approved by the Connecticut Siting Council, Docket No. 169 on October 25, 1999.

Please accept this letter as notification pursuant to Regulations of Connecticut State Agencies §16-50j-73, for construction that constitutes an exempt modification pursuant to R.C.S.A. § 16-50j-72(b)(2). In accordance with R.C.S.A. § 16-50j-73, a copy of this letter is being sent to David Porter, Town Manager, Town of Marlborough and Peter Hughes, Director of Planning & Development, Town of Marlborough. Crown Castle is the tower owner and listed on the property card as “C/O Property Owner”.

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

For the foregoing reasons, Cellco Partnership d/b/a Verizon Wireless respectfully submits that the proposed modifications to the above-reference telecommunications facility constitutes an exempt modification under R.C.S.A. § 16-50j-72(b)(2). Please send approval/rejection letter to Attn: Jenifer Bachi.

Sincerely,


Jenifer Bachi
Permitting Specialist
300 Barr Harbor Drive, Ste. 300
Conshohocken, PA 19428
(610) 635-3221
Jenifer.bachi@crowncastle.com

Attachments are as follows:

Exhibit A – Original Facility Approval
Exhibit B – Property Card
Exhibit C – Property Map
Exhibit D – Construction Drawings
Exhibit E – Structural Analysis Report
Exhibit F – Mount Analysis Report
Exhibit G – Power Density / RF Emissions Report
Exhibit H – Recipient Mailing Records
Check #2960733 for \$625 Application Fee

cc:

Via Fedex # 776623289115
David Porter, Town Manager
Town of Marlborough
26 North Main Street
P.O. Box 29
Marlborough, CT 06447
860-295-6204

Via Fedex# 776623361332
Peter Hughes, Director of Planning & Development
Town of Marlborough
26 North Main Street
P.O. Box 29
Marlborough, CT 06447
860-295-6206

Crown Castle, Tower Owner

Check Application Fee \$625

CROWN CASTLE USA INC.
2000 CORPORATE DRIVE
CANONSBURG PA 15317
724-416-2000

JPMorgan Chase Bank, N.A.
DALLAS TX
32-61/1110

2960733

SIX HUNDRED TWENTY FIVE AND 00/100

DATE 05/10/24

\$*****625.00

Pay To Connecticut Siting Council
The Ten Franklin Square
Order Of New Britain CT 06051

2695915

Robert A. Kelly VP and Controller
[Signature] Asst. Cashier

VOID AFTER 180 DAYS

⑈ 2960733 ⑈ ⑆ 111000614 ⑆ 103410453 ⑈

Check No 2960733

Check Date 05/10/24

Stub 1 of 1

CKRQ 806366 662908 ZN	05/10/24	Invoice Summ	625.00	625.00
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<i>Marlborough CT - Verizon</i>			<u>625.00</u>	<u>625.00</u>
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EXHIBIT A

Original Facility Approval



CONNECTICUT SITING COUNCIL

Home About Us Pending Matters Decisions Forms Contact Us

- Filing Guides
- Meetings & Minutes
- Public Participation
- Audio Link to New Britain Hearing Rooms
- Programs & Services
- Telecommunications Database
- Publications
- Other Resources
- Statutes & Regulations
- Electric Transmission Upgrade Projects
- Frequently Asked Questions

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

Connecticut Siting Council

October 25, 1995

DECISION AND ORDER

Pursuant to the foregoing Findings of Fact and Opinion, the Connecticut Siting Council (Council) finds that the effects associated with the construction, operation, and maintenance of a cellular telecommunications tower and equipment building at the proposed first alternate site in Marlborough, Connecticut, including effects on the natural environment; ecological integrity and balance; public health and safety; scenic, historic, and recreational values; forests and parks; air and water purity; and fish and wildlife are not disproportionate either alone or cumulatively with other effects when compared to need, are not in conflict with the policies of the State concerning such effects, and are not sufficient reason to deny the application and therefore directs that a Certificate of Environmental Compatibility and Public Need, as provided by General Statutes § 16-50k, be issued to Bell Atlantic NYNEX Mobile, Inc. (BANM) for the construction, operation, and maintenance of a cellular telecommunications tower, associated equipment, and building at the proposed first alternate site, located within a 21.7+/- acre parcel at North Main Street, Marlborough, Connecticut. We find the effects on scenic resources and adjacent land uses of the prime site and second alternate site to be significant, and therefore deny certification of these sites.

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

1. The tower shall be constructed as a monopole, no taller than necessary to provide the proposed communications service, sufficient to accommodate the antennas of Springwich Cellular Limited Partnership and the Town of Marlborough, and not to exceed a total height of 160 feet above ground level (AGL).
2. The Certificate Holder shall prepare a Development and Management (D&M) Plan for this site in compliance with Sections 16-50j-75 through 16-50j-77 of the Regulations of Connecticut State Agencies. The D&M Plan shall be submitted to and approved by the Council prior to the commencement of facility construction and shall include placement of utilities underground, relocation of the tower within the leased parcel to provide the maximum practicable buffer of the tower from adjacent land owners; plans for the tower foundation; specifications for the placement of all antennas to be attached to this tower; plans for the equipment building and security fence; plans for the access road and utility line installation from North Main Street; plans for site clearing and tree trimming; and plans for water drainage and erosion and sedimentation controls consistent with the Connecticut Guidelines for Soil Erosion and Sediment Control, as amended.
3. Upon the establishment of any new State or federal radio frequency standards applicable to frequencies of this facility, the facility granted herein shall be brought into compliance with such standards.
4. The Certificate Holder shall provide the Council a recalculated report of electromagnetic radio frequency power density if and when circumstances in operation cause a change in power density above the levels originally calculated and provided in the application.
5. The Certificate Holder shall permit public or private entities to share space on the proposed tower for fair consideration, or shall provide any requesting entity with specific legal, technical, environmental, or economic reasons precluding such tower sharing.
6. If the facility does not initially provide, or permanently ceases to provide cellular services following completion of construction, this Decision and Order shall be void, and the Certificate Holder shall dismantle the tower and remove all associated equipment or reapplication for any continued or new use shall be made to the Council before any such use is made.
7. Unless otherwise approved by the Council, this Decision and Order shall be void if all construction authorized herein is not completed within three years of the effective date of this Decision and Order or within three years after all appeals to this Decision and Order have been resolved.
8. The Certificate Holder shall notify the Council upon completion of construction and provide the final cost to construct the facility.



Melanie Bachman,
Executive Director

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Pursuant to General Statutes § 16-50p, we hereby direct that a copy of the Findings of Fact, Opinion, and Decision and Order be served on each person listed below, and notice of issuance shall be published in The Hartford Courant, and the Middletown Press.

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

The parties and intervenors to this proceeding are:

APPLICANT

Bell Atlantic NYNEX Mobile, Inc.

-

ITS REPRESENTATIVE

Brian C. S. Freeman, Esq.

Kenneth C. Baldwin, Esq.

Robinson & Cole

One Commercial Plaza

Hartford, CT 06103-3597

-

David S. Malko

General Manager - Engineering

Sandy M. Ranciato

Regulatory Services

Bell Atlantic NYNEX Mobile, Inc.

20 Alexander Drive

Wallingford, CT 06492

INTERVENOR

Springwich Cellular Limited Partnership

ITS REPRESENTATIVE

Peter J. Tyrrell, Esq.

Springwich Cellular Limited Partnership

227 Church Street

New Haven, CT 06510

PARTY

Town of Marlborough

ITS REPRESENTATIVE

William S. Fish, Jr.

Tyler, Cooper & Alcorn

CityPlace, 35th Floor

Hartford, CT 06103-3488

PARTY

Neighbors Endorsing an Appropriate Tower
(NEAT)

ITS REPRESENTATIVE

Barry S. Zitser

Perakos, Kindl & Zitser

207 Main Street

Hartford, CT 06106

Content Last Modified on 8/9/2002 11:28:31 AM

Ten Franklin Square New Britain, CT 06051 / 860- 827-2935

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EXHIBIT B

Property Card

CURRENT ASSESSMENT		LOCATION		UTILITIES		STRT / ROAD		TOPO		CURRENT OWNER	
Description	Code	Appraised	Assessed	Code	Year	Code	Year	Code	Year	Code	Year
Comm Land	2-1	126,300	88,410	1 Paved		2 Above Street				ADVANTAGE PROPERTIES LLC	6079
Comm Bldg	2-2	76,000	53,200							C/O CROWN ATLANTIC CO	
Comm OB	2-5	663,000	464,100							PMB 353	
SUPPLEMENTAL DATA											
EXEMPT											
Lake Area Photo Reta CB Letter											
Assoc Pid#											
Total		865,300	605,710								

PREVIOUS ASSESSMENTS (HISTORY)												
Year	Code	Assessed	Year	Code	Assessed	Year	Code	Assessed	Year	Code	Assessed	
2019	2-1	85,330	2019	2-1	85,330	2019	2-1	85,330	2019	2-1	85,330	
2020	2-2	56,420	2020	2-2	56,420	2020	2-2	56,420	2020	2-2	56,420	
	2-5	464,100		2-5	464,100		2-5	464,100		2-5	464,100	
Total		605,710	Total		605,710	Total		605,710	Total			605,710

EXEMPTIONS

Year	Code	Description	Amount
			0.00
Total			0.00

This signature acknowledges a visit by a Data Collector or Assessor

OTHER ASSESSMENTS											
Year	Code	Description	Number	Amount	Comm Int						
Total											

ASSESSING NEIGHBORHOOD											
Nbhd	Nbhd Name	Tracing	Batch								
0001		B									
Total											

NOTES

CELL TOWER LOCATED BEHIND MARLBORO BARN
 CELLULAR TOWER; GATED
 500 FT LF FALL DOWN ZONE = 5.74 AC
 1.84 COMMERCIAL SITE
 3.9 COMMERCIAL EXCESS

BUILDING PERMIT RECORD											
Permit Id	Issue Date	Type	Description	Amount	Insp Date	% Comp	Date Comp	Comments			
18-318	10-16-2018	BP		20,000	09-01-2020	100		REMOVE AND REPLACE 6 A			
17-035	03-09-2017	BP		7,500		0		REPLACE 3 RRUS TO EXISTI			
15-101	05-12-2015	CM	Commercial		07-27-2015	100		ANTENNA UPGRADE			
1128	12-27-2012	CM	Commercial		07-27-2015	100		GROUND MOUNTED COMM			
500	12-13-2011	CM	Commercial		07-27-2015	100		CHANGE SEVEN (7) ANTEN			

LAND LINE VALUATION SECTION															
B	Use Code	Description	Zone	Land Type	Land Units	Unit Price	I. Factor	Site Index	Cond.	Nbhd.	Nbhd Adj	Notes	Location Adjustment	Adj Unit Pric	Land Value
1	200	Commercial	R		1.840 AC	80,000	0.61141	C	1.00	D	1.100		0		99,000
1	200	Commercial	R		3.900 AC	7,000	1.00000	0	1.00		1.000		0		27,300
Total Card Land Units					5.740 AC	Parcel Total Land Area:		5.7400			Total Land Value				126,300

VISIT / CHANGE HISTORY											
Date	Id	Type	Is	Cd	Purpose/Result						
09-01-2020	JB			01	Measured						
03-13-2020	WG			12	Field Review						
07-27-2015	LM			99	Vacant Land						

CONSTRUCTION DETAIL		CONSTRUCTION DETAIL (CONTINUED)	
Element	Cd	Description	Element
91		Support Shed	
94		Commercial	
03		Average	
1		1 Story	
24		Reinforc Concr	
01		Flat	
04		T&G/Rubber	
01		Minimum	
03		Concrete	
01		Coal or Wood	
01		None	
03		Central	
200		Commercial	
02		HEAT/AC SPLIT	
04		Reinforced Cnc	
00		None	
00		None	
01		Light	
8.00		Wall Height	
		% Conn Wall	
		1st Floor Use:	

OB - OUTBUILDING & YARD ITEMS(L) / XF - BUILDING EXTRA FEATURES(B)										
Code	Description	L/B	Units	Unit Price	Yr Bilt	Cond. Cd	% Good	Grade	Grade Adj	Appr. Value
SHD1	Shed	L	360	20.00	1999	5	60		0.00	4,300
FN4	Fence 8'	L	322	20.00	2000	5	60		0.00	3,900
PAT1	Patio	L	192	3.50	2000	00	60		0.00	400
CELL	Cell Tower	L	4	163600.0	2011		100		0.00	654,400

BUILDING SUB-AREA SUMMARY SECTION						
Code	Description	Living Area	Floor Area	Eff Area	Unit Cost	Undeprec Value
BAS	First Floor	840	840	840	110.32	92,669
Ttl Gross Liv/ Lease Area		840	840	840		92,669

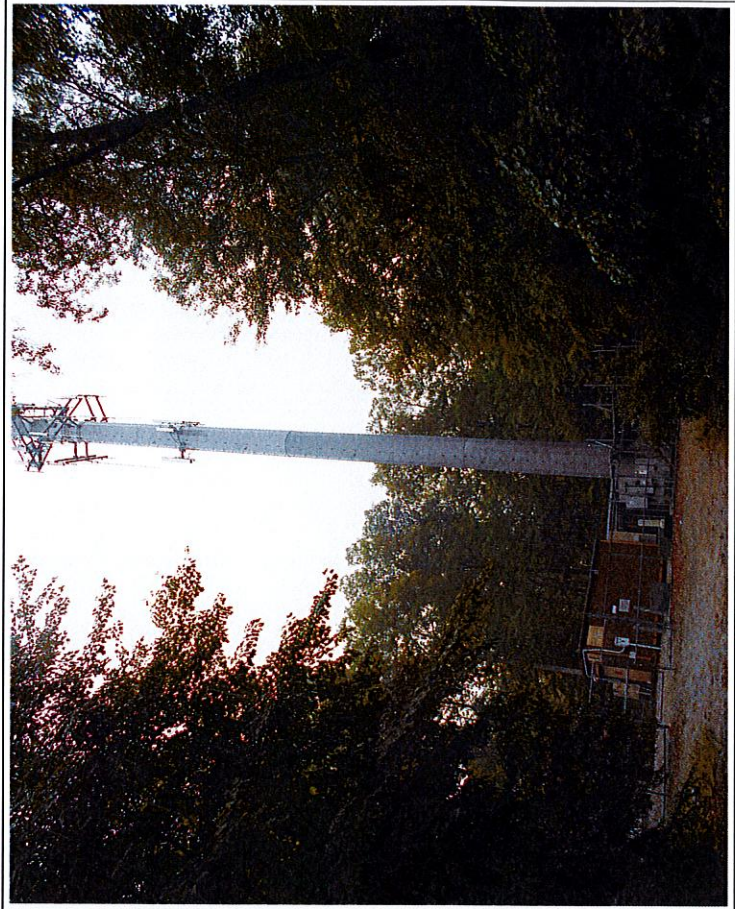
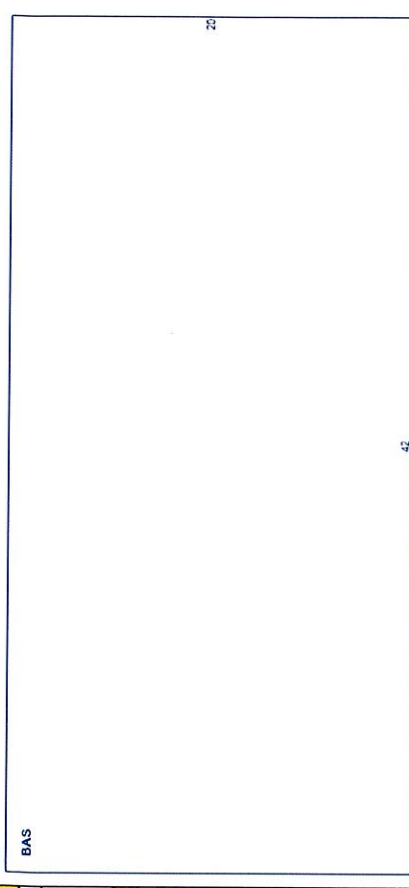
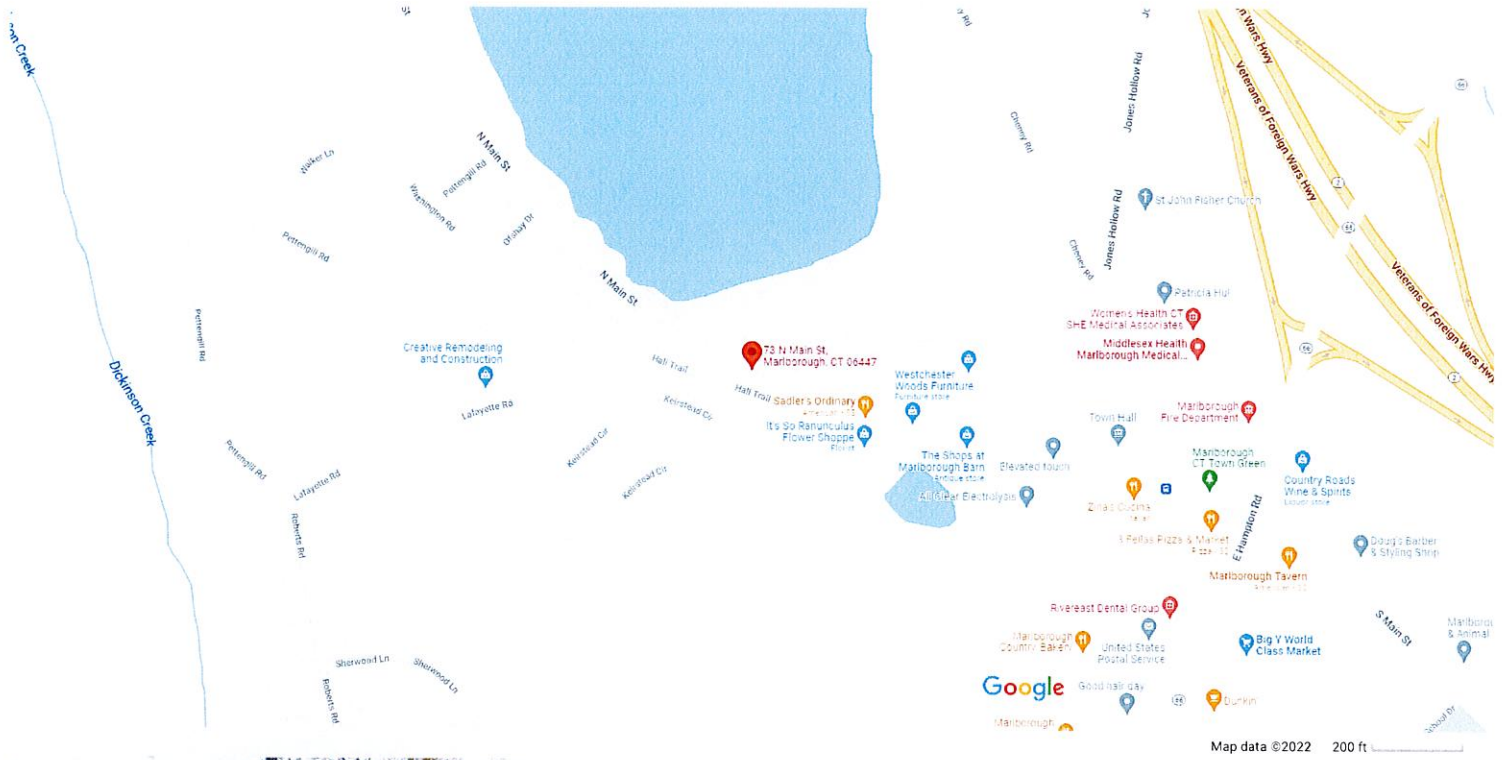



EXHIBIT C

Property Map

Google Maps 73 N Main St



73 N Main St

- 
Directions
- 
Save
- 
Nearby
- 
Send to phone
- 
Share

 73 N Main St, Marlborough, CT 06447

JGMM+78 Marlborough, Connecticut

Photos

EXHIBIT D

Construction Drawings



VERIZON SITE NUMBER: 5000381595
VERIZON SITE NAME: MARLBOROUGH CT
VERIZON PROJECT: 16271973
SITE TYPE: MONOPOLE
TOWER HEIGHT: 156'-3"

BUSINESS UNIT #: 806366
SITE ADDRESS: 73 N MAIN ST
MARLBOROUGH, CT 06447
COUNTY: HARTFORD
JURISDICTION: TOWN OF MARLBOROUGH



VERIZON SITE NUMBER: 5000381595
BU #: 806366
CROWN CASTLE SITE NAME: HRT 107(C) 943204
73 N MAIN ST
MARLBOROUGH, CT 06447
EXISTING 156'-3" MONOPOLE

ISSUED FOR:

Table with 5 columns: REV, DATE, DRWN, DESCRIPTION, DES./QA. Row 1: 0, 3/28/24, AJC, FINAL, MD. Row 2: 1, 5/22/24, AJC, REVISION, MD.

SITE INFORMATION

CROWN CASTLE USA INC.
SITE NAME: HRT 107(C) 943204
BU NUMBER: 806366
TOWER OWNER: CROWN CASTLE USA, INC
CARRIER/APPLICANT: VERIZON WIRELESS
SITE ADDRESS: 73 N MAIN ST
COUNTY: HARTFORD
LATTITUDE: 41° 37' 47.25" / 41.6298°
LONGITUDE: -72° 27' 59.03" / -72.4664°
AREA OF CONSTRUCTION: EXISTING
CURRENT ZONING: R
MAP/PARCEL #: 000008-000026-000056CD
OCCUPANCY CLASSIFICATION: U
TYPE OF CONSTRUCTION: IIB
PROPERTY OWNER: GLOBAL SIGNAL ACQUISITION
JURISDICTION: TOWN OF MARLBOROUGH
ELECTRIC PROVIDER: CONNECTICUT LIGHT & POWER CO
TELCO PROVIDER: AT&T

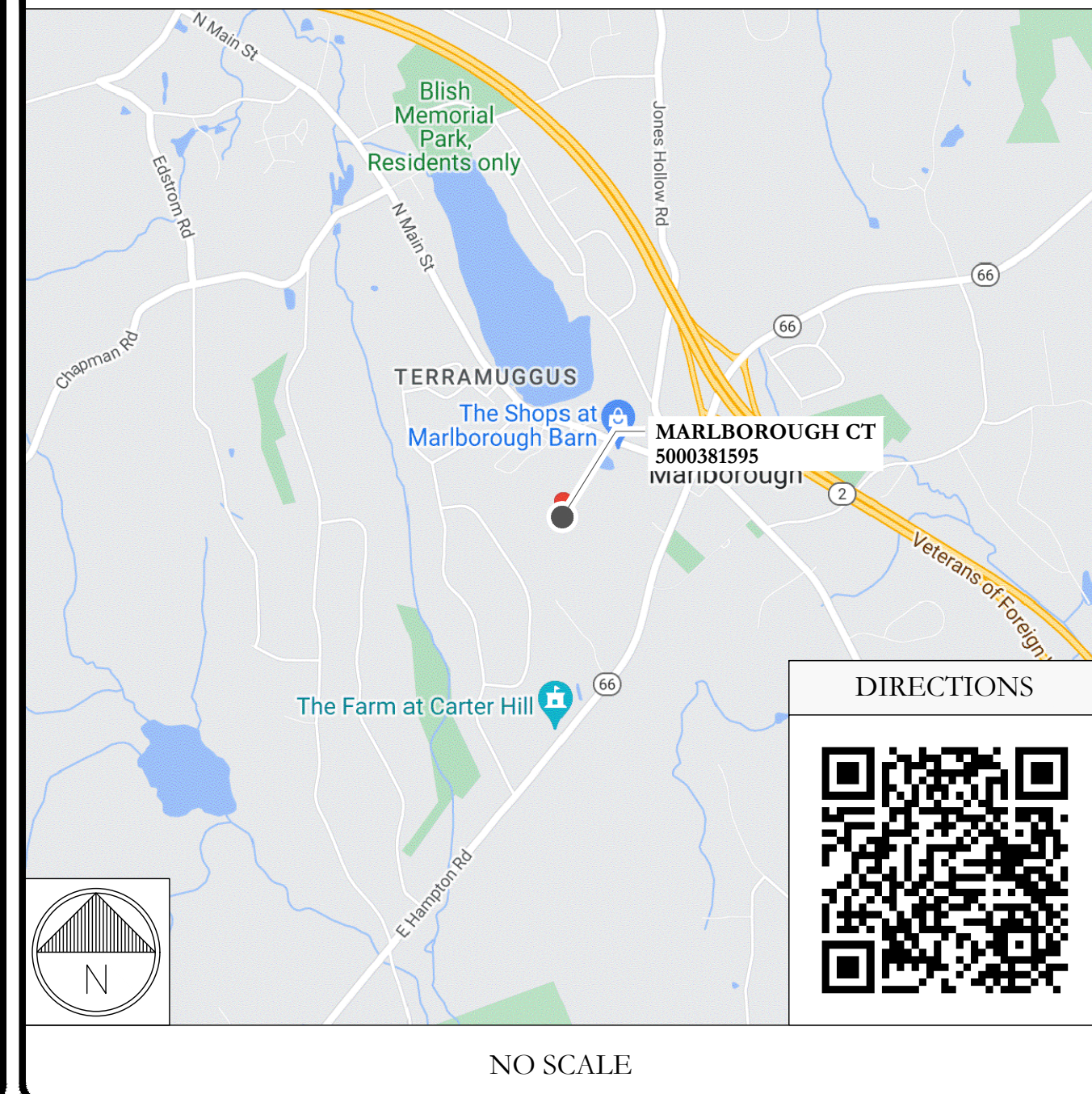
DRAWING INDEX

Table with 2 columns: SHEET #, SHEET DESCRIPTION. Rows include T-1 TITLE SHEET, T-2 GENERAL NOTES, C-1 SITE PLAN, C-2 TOWER ELEVATIONS, C-3 ANTENNA PLANS, C-4 FINAL EQUIPMENT SCHEDULE, C-5.1 EQUIPMENT DETAILS & SPECIFICATIONS, C-5.2 EQUIPMENT DETAILS & SPECIFICATIONS, C-6 COLOR CODE MATRIX, G-1 GROUNDING DETAILS, ATTACHED MOUNT MODIFICATION, ATTACHED RFDS.

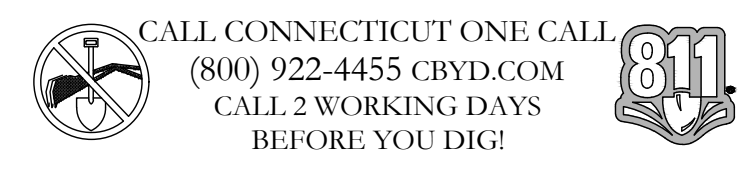
APPROVALS

Table for VERIZON SIGNATURE BLOCK and CROWN CASTLE USA INC. SIGNATURE BLOCK. Columns: APPROVAL, SIGNATURE, DATE. Rows include SITE ACQUISITION, CONSTRUCTION, RADIO, MICROWAVE, TELCO, EQUIPMENT, PROJECT ADMINISTRATOR, WO ADMINISTRATOR, PLANNER, CONSTRUCTION, PROJECT MANAGER, UTILITY MANAGER, LANDLORD.

LOCATION MAP



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



CONTRACTOR PMI REQUIREMENTS

Table with 2 columns: PMI ACCESSED AT, PROJECT NUMBER, VzW LOCATION CODE (PSLC). Values include https://pmi.vzwsmart.com, 10215182, 467380.

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

MOUNT MODIFICATION REQUIRED Y

VzW APPROVED SMART KIT VENDORS

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

PROJECT DESCRIPTION

THE PURPOSE OF THIS PROJECT IS TO ENHANCE BROADBAND CONNECTIVITY AND CAPACITY TO THE EXISTING ELIGIBLE WIRELESS FACILITY.
TOWER SCOPE OF WORK:
• REMOVE (3) ANDREW - SBNHH-1D65B ANTENNA
• REMOVE (3) ANDREW - LNX-6514DS-A1M ANTENNA
• REMOVE (3) COMMSCOPE - SBNHH-1D65B ANTENNA
• REMOVE (3) NOKIA - UHBA B13 RRH 4X30 RADIO
• REMOVE (3) NOKIA - UHIC B4 RRH 2X60-4R RADIO
• REMOVE (2) RAYCAP - 6 OVP
• REMOVE (1) NON LI HYBRID CABLE
• INSTALL (3) COMMSCOPE - NHH-65B-R2B ANTENNA
• INSTALL (3) COMMSCOPE - NHHSS-65B-R2BT4 ANTENNA
• INSTALL (3) SAMSUNG - MT6413-77A ANTENNA
• INSTALL (3) SAMSUNG - RF4461D-13A RADIO
• INSTALL (3) SAMSUNG - B2/B66A RRH ORAN (RF4439D-25A) RADIO
• INSTALL (3) SAMSUNG - RT4423-48A RADIO
• INSTALL (2) RAYCAP - 6 OVP
• INSTALL (3) COMMSCOPE - BSAMNT-SBS-1-2 DUAL MOUNT KIT

GROUND SCOPE OF WORK:
• INSTALL (1) GEMINI - 1600390862A POWER PLANT

INSTALLER NOTE:
NO PROPOSED LOADING TO BE ADDED UNTIL MOUNT MODIFICATIONS ARE INSTALLED PER MOUNT MODIFICATION DESIGN BY COLLIERS ENGINEERING & DESIGN DATED 12/13/23.

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:

Table with 2 columns: CODE TYPE, CODE. Rows include BUILDING (2022 CONNECTICUT SBC/2021 IBC), MECHANICAL (2022 CONNECTICUT SBC/2021 IMC), ELECTRICAL (2022 CONNECTICUT SBC/2020 NEC).

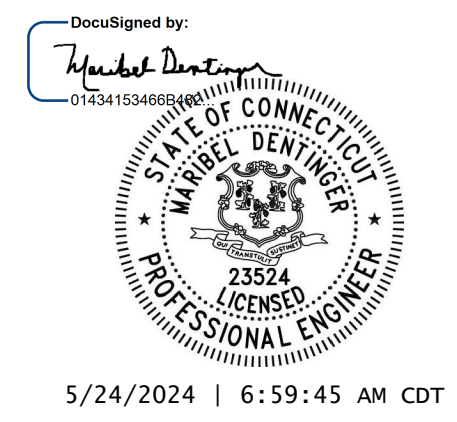
REFERENCE DOCUMENTS:

Table with 2 columns: DOCUMENT TYPE, DATED. Rows include STRUCTURAL ANALYSIS (2/16/24), MOUNT ANALYSIS (12/13/23), MOUNT MODIFICATION (12/13/23), RFDS REVISION (4/12/24), ORDER ID (662908), REVISION (0).

PROJECT TEAM

A&E FIRM: CROWN CASTLE USA, INC
CROWN CASTLE USA INC. DISTRICT CONTACTS: ALEXANDER MABBETT - PROJECT MANAGER, HEATHER MILLER - AES

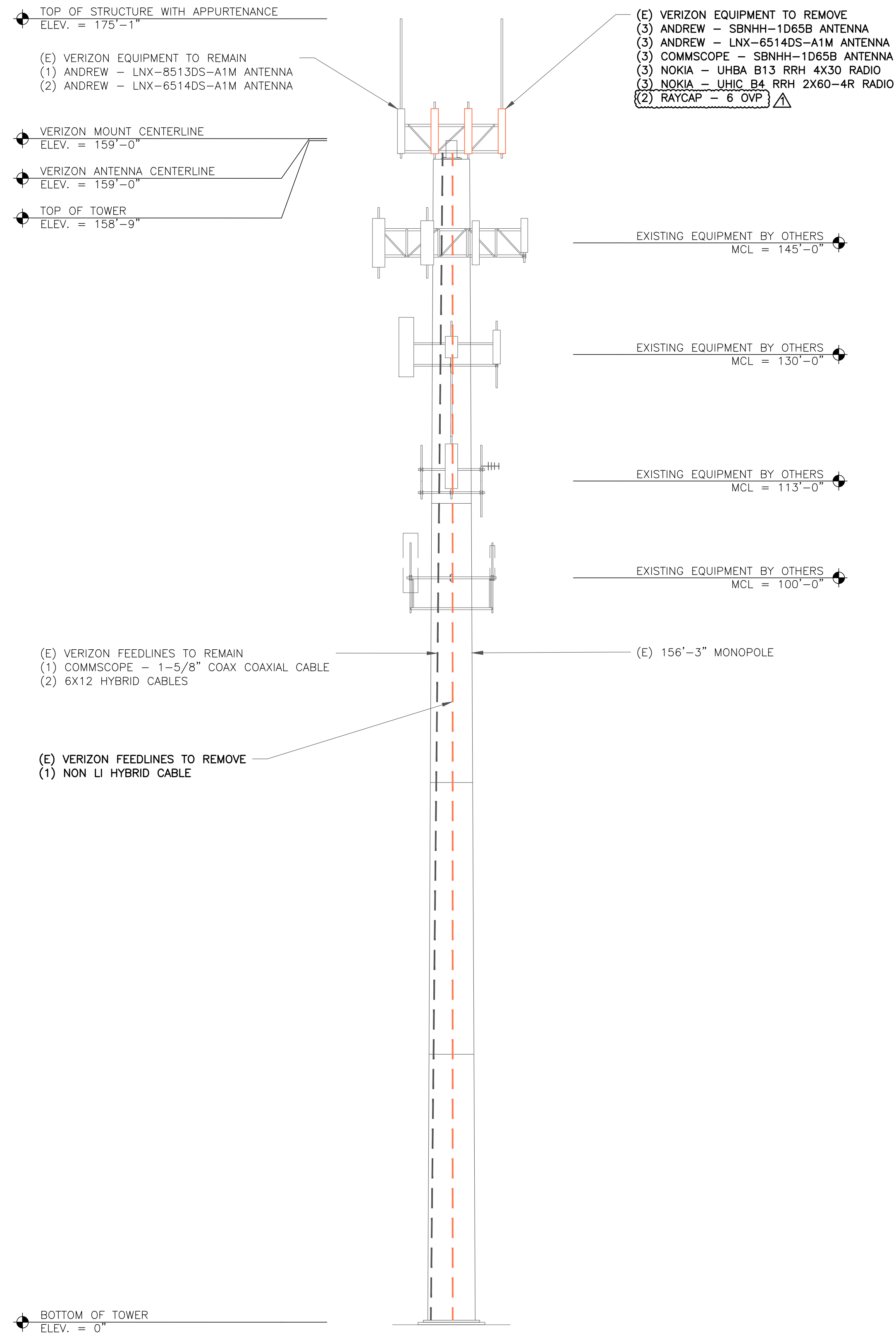
NOTE: PRIOR TO ACCESSING/ENTERING THE SITE YOU MUST CONTACT THE CROWN NOC AT (800) 788-7011 & CROWN CONSTRUCTION MANAGER



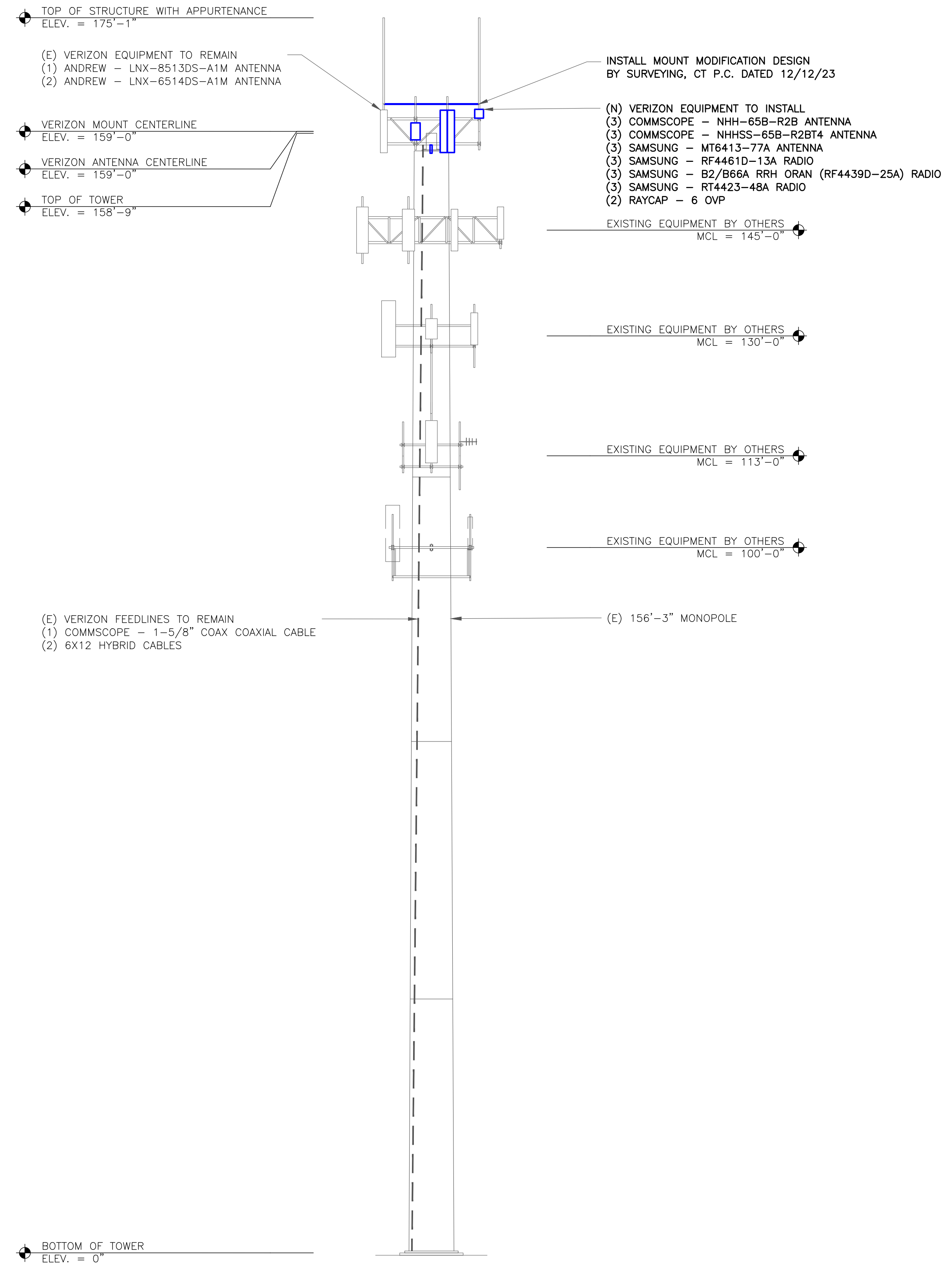
CROWN CASTLE USA INC. CERTIFICATE OF REGISTRATION #PEC.0001101
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT.

SHEET NUMBER: T-1 REVISION: A

T-1 A



1 EXISTING TOWER ELEVATION
SCALE: 3/32"=1'-0" (FULL SIZE)
3/64"=1'-0" (11x17)



2 FINAL TOWER ELEVATION
SCALE: 3/32"=1'-0" (FULL SIZE)
3/64"=1'-0" (11x17)



VERIZON SITE NUMBER:
5000381595

BU #: 806366

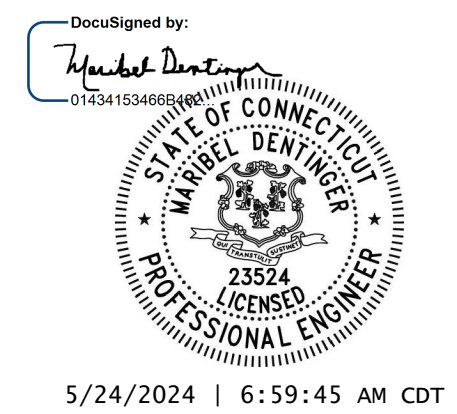
CROWN CASTLE SITE NAME
HRT 107(C) 943204

73 N MAIN ST
MARLBOROUGH, CT 06447

EXISTING 156'-3"
MONOPOLE

ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	DES./QA
0	3/28/24	AJC	FINAL	MD
1	5/22/24	AJC	REVISION	MD



5/24/2024 | 6:59:45 AM CDT

CROWN CASTLE USA INC.
CERTIFICATE OF REGISTRATION #PEC.0001101
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:
C-2

REVISION:
A



VERIZON SITE NUMBER:
5000381595

BU #: **806366**

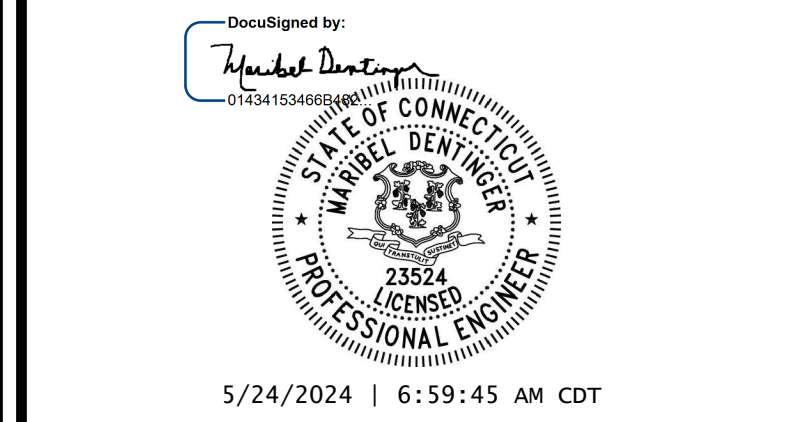
CROWN CASTLE SITE NAME
HRT 107(C) 943204

73 N MAIN ST
 MARLBOROUGH, CT 06447

EXISTING 156'-3"
 MONOPOLE

ISSUED FOR:

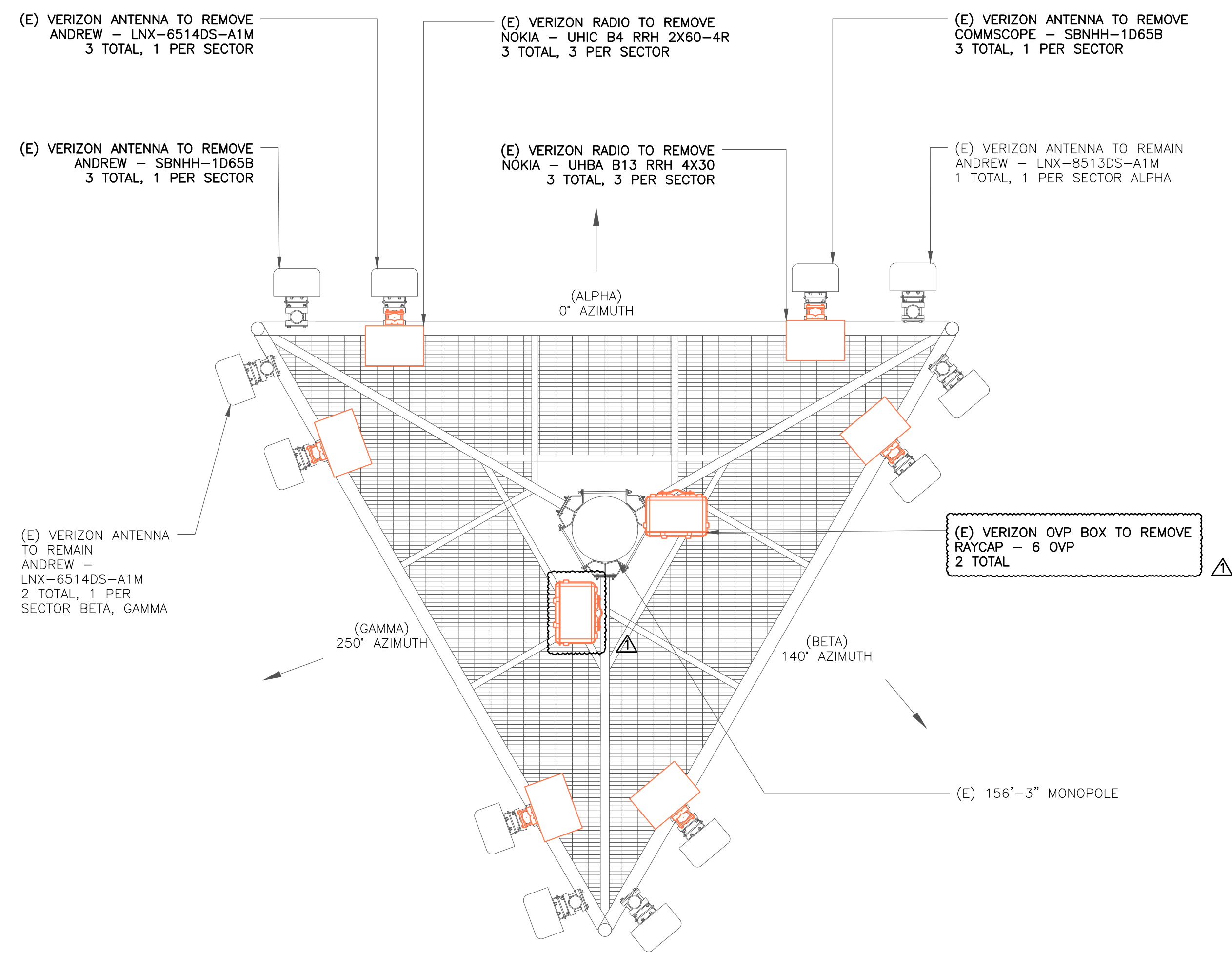
REV	DATE	DRWN	DESCRIPTION	DES./QA
0	3/28/24	AJC	FINAL	MD
1	5/22/24	AJC	REVISION	MD



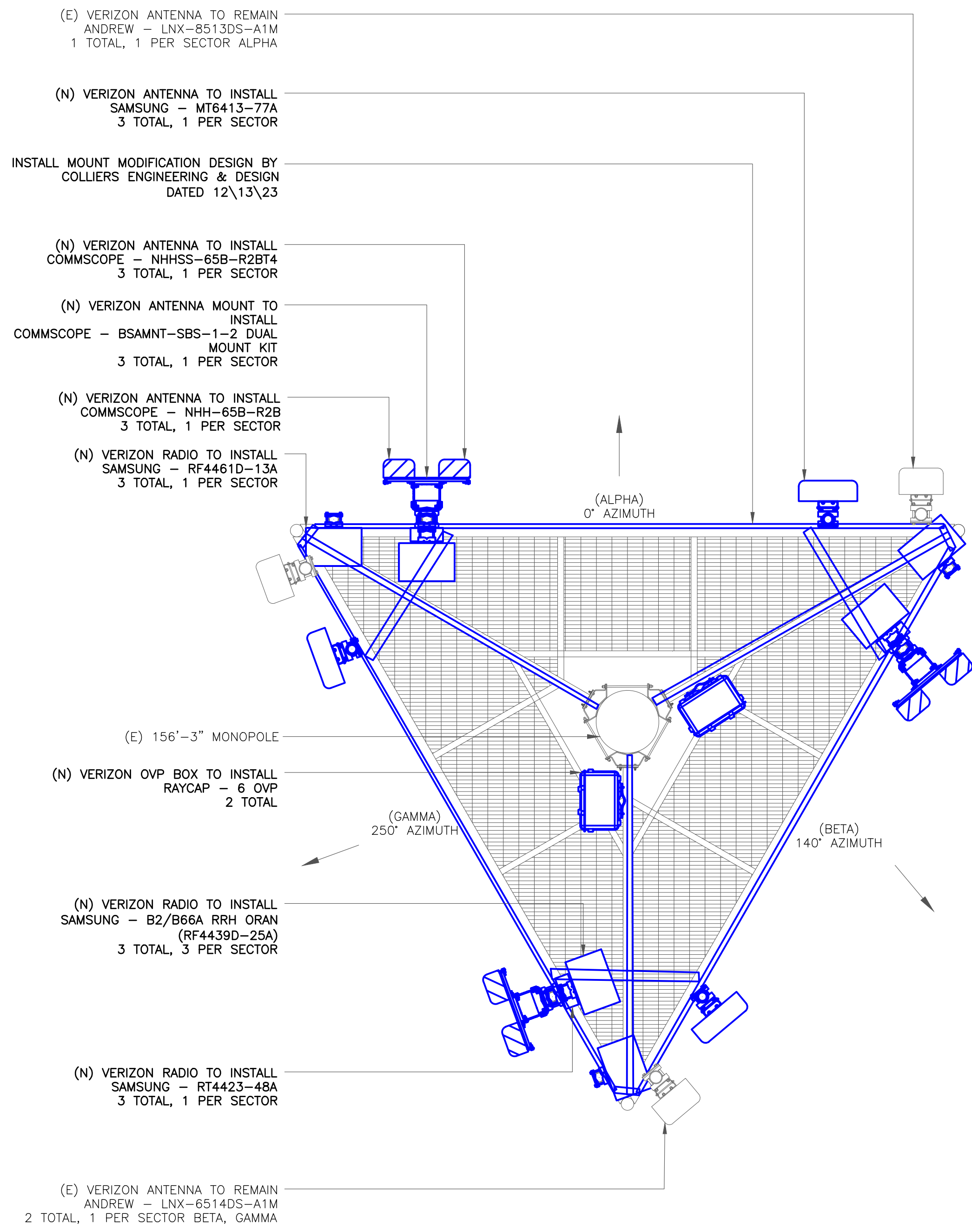
CROWN CASTLE USA INC.
 CERTIFICATE OF REGISTRATION #PEC.0001101

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 TO ALTER THIS DOCUMENT.

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



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



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

TEMPLATENAME_DATEOFGENERATION

FINAL EQUIPMENT SCHEDULE
(VERIFY WITH CURRENT RFDS)

POSITION	ANTENNA				RADIO			DIPLEXER			TMA		SURGE PROTECTION		CABLES			
	TECH	STATUS/MANUFACTURER MODEL	AZIMUTH	RAD CENTER	QTY.	STATUS/MODEL	LOCATION	QTY.	STATUS	LOCATION	QTY.	STATUS	QTY.	STATUS/MODEL	QTY.	STATUS/TYPE	SIZE	LENGTH
A1	-	-	-	-	1	(N) SAMSUNG - RF4461D-13A	TOWER	-	-	-	-	-	-	-	-	-	-	-
A2	700 850 1900 AWS CBRS	(N) COMMSCOPE - NHH-65B-R2B	0°	159'-0"	1	(N) SAMSUNG - RT4423-48A	TOWER	-	-	-	-	-	-	-	-	-	-	-
		(N) COMMSCOPE - NHHSS-65B-R2BT4	0°	159'-0"	1	(N) SAMSUNG - B2/B66A RRH-ORAN (RF4439D-25A)	TOWER	-	-	-	-	-	-	-	-	-	-	-
A3	L-SUB6	(N) SAMSUNG - MT6413-77A	0°	159'-0"	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A4	-	(E) ANDREW - LNX-8513DS-A1M	0°	159'-0"	-	-	-	-	-	-	-	-	1	(N) RAYCAP - 6 OVP	1	(E) HYBRID CABLE	1-1/2"	-
B1	-	-	-	-	1	(N) SAMSUNG - RF4461D-13A	TOWER	-	-	-	-	-	-	-	-	-	-	-
B2	700 850 1900 AWS CBRS	(N) COMMSCOPE - NHH-65B-R2B	140°	159'-0"	1	(N) SAMSUNG - RT4423-48A	TOWER	-	-	-	-	-	-	-	-	-	-	-
		(N) COMMSCOPE - NHHSS-65B-R2BT4	140°	159'-0"	1	(N) SAMSUNG - B2/B66A RRH-ORAN (RF4439D-25A)	TOWER	-	-	-	-	-	-	-	-	-	-	-
B3	L-SUB6	(N) SAMSUNG - MT6413-77A	140°	159'-0"	-	-	-	-	-	-	-	-	-	-	-	-	-	-
B4	-	(E) ANDREW - LNX-6514DS-A1M	140°	159'-0"	-	-	-	-	-	-	-	-	1	(N) RAYCAP - 6 OVP	1	(E) HYBRID CABLE	1-1/2"	-
G1	-	-	-	-	1	(N) SAMSUNG - RF4461D-13A	TOWER	-	-	-	-	-	-	-	-	-	-	-
G2	700 850 1900 AWS CBRS	(N) COMMSCOPE - NHH-65B-R2B	250°	159'-0"	1	(N) SAMSUNG - RT4423-48A	TOWER	-	-	-	-	-	-	-	-	-	-	-
		(N) COMMSCOPE - NHHSS-65B-R2BT4	250°	159'-0"	1	(N) SAMSUNG - B2/B66A RRH-ORAN (RF4439D-25A)	TOWER	-	-	-	-	-	-	-	-	-	-	-
G3	L-SUB6	(N) SAMSUNG - MT6413-77A	250°	159'-0"	-	-	-	-	-	-	-	-	-	-	-	-	-	-
G4	-	(E) ANDREW - LNX-6514DS-A1M	250°	159'-0"	-	-	-	-	-	-	-	-	-	-	-	-	-	-



VERIZON SITE NUMBER:
5000381595

BU #: 806366

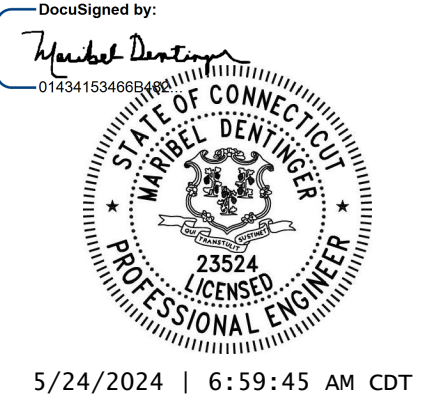
CROWN CASTLE SITE NAME
HRT 107(C) 943204

73 N MAIN ST
MARLBOROUGH, CT 06447

EXISTING 156'-3"
MONOPOLE

ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	DES./QA
0	3/28/24	AJC	FINAL	MD
1	5/22/24	AJC	REVISION	MD



CROWN CASTLE USA INC.
CERTIFICATE OF REGISTRATION #PEC.0001101

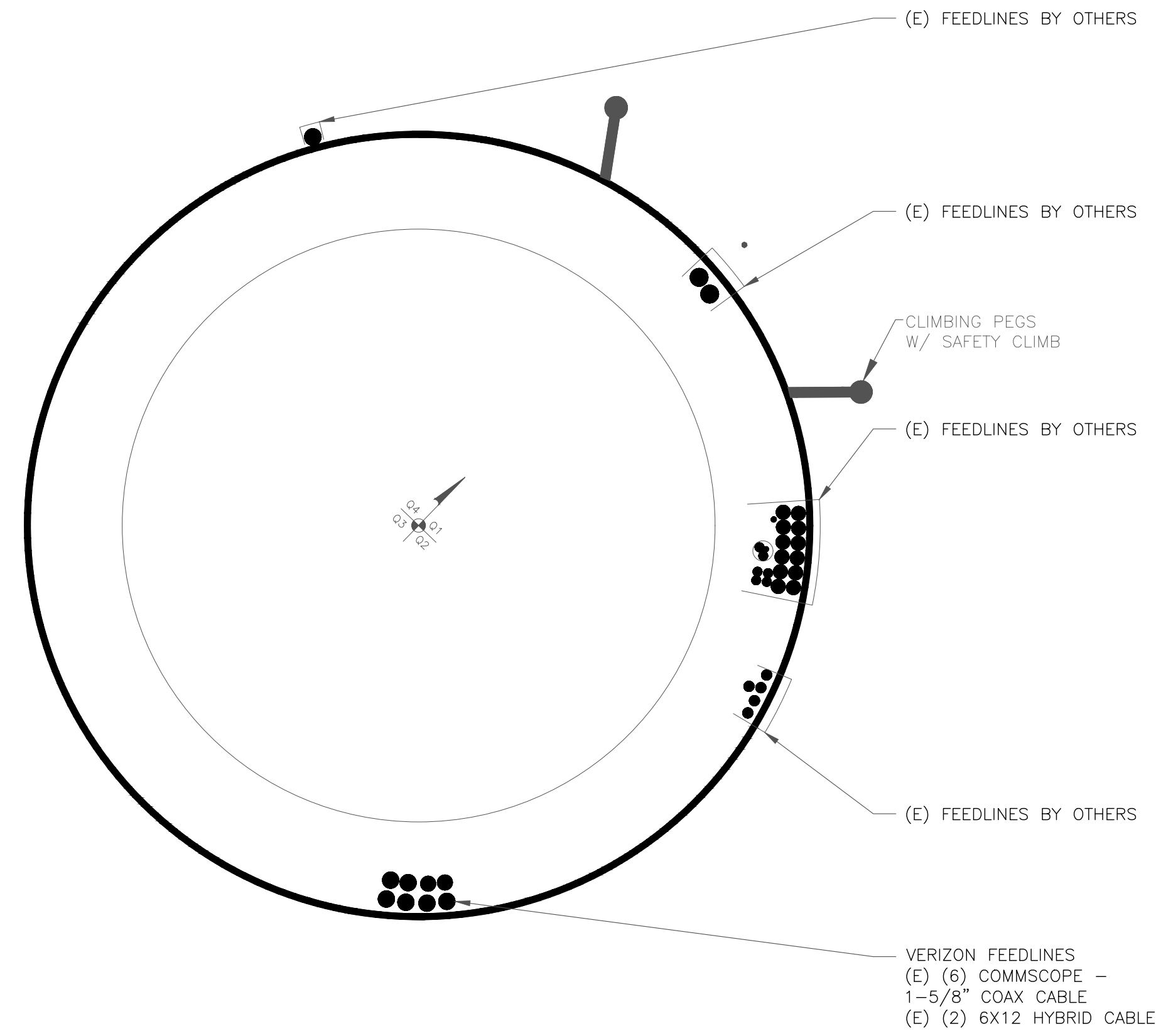
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SHEET NUMBER: **C-4** REVISION: **A**

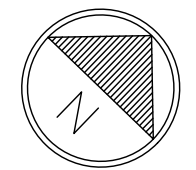
UNUSED FEEDLINES			
6	COAX CABLE	1-5/8"	-
-	-	-	-

1 FINAL EQUIPMENT SCHEDULE
SCALE: NOT TO SCALE

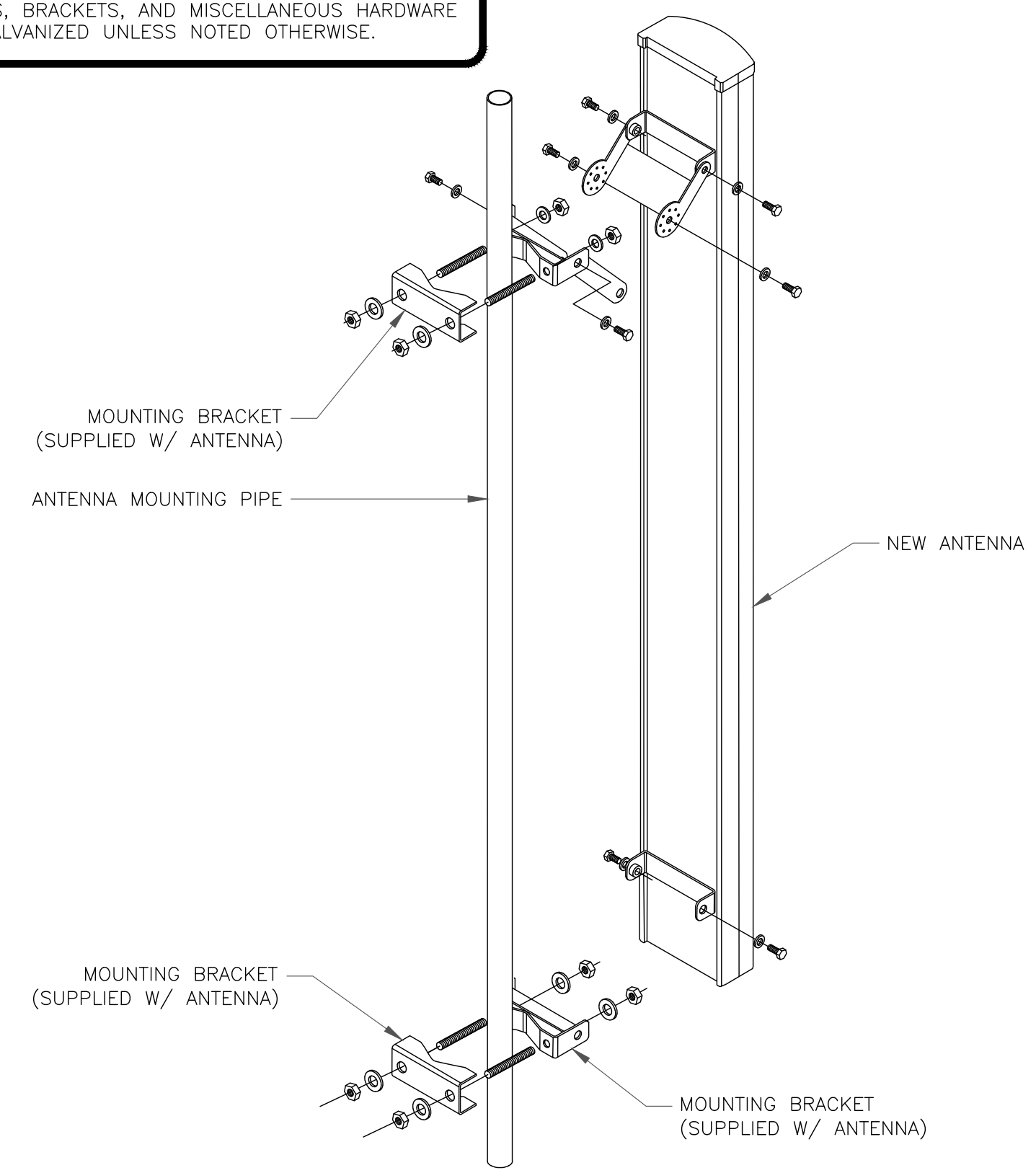
TEMPLATE NAME DATE OF GENERATION



1 BASE LEVEL DETAIL
SCALE: NOT TO SCALE

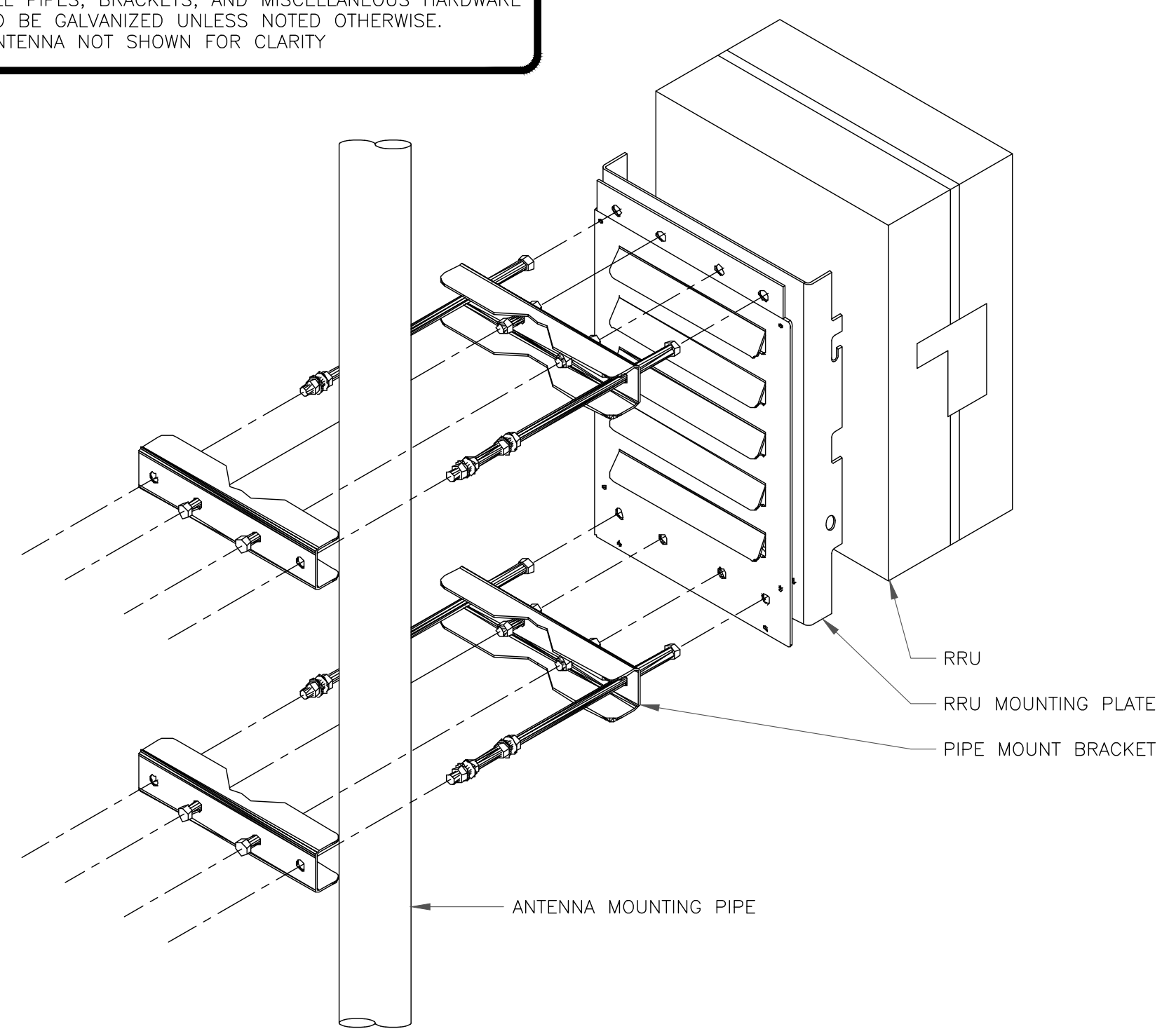


INSTALLER NOTE:
1. ALL PIPES, BRACKETS, AND MISCELLANEOUS HARDWARE TO BE GALVANIZED UNLESS NOTED OTHERWISE.

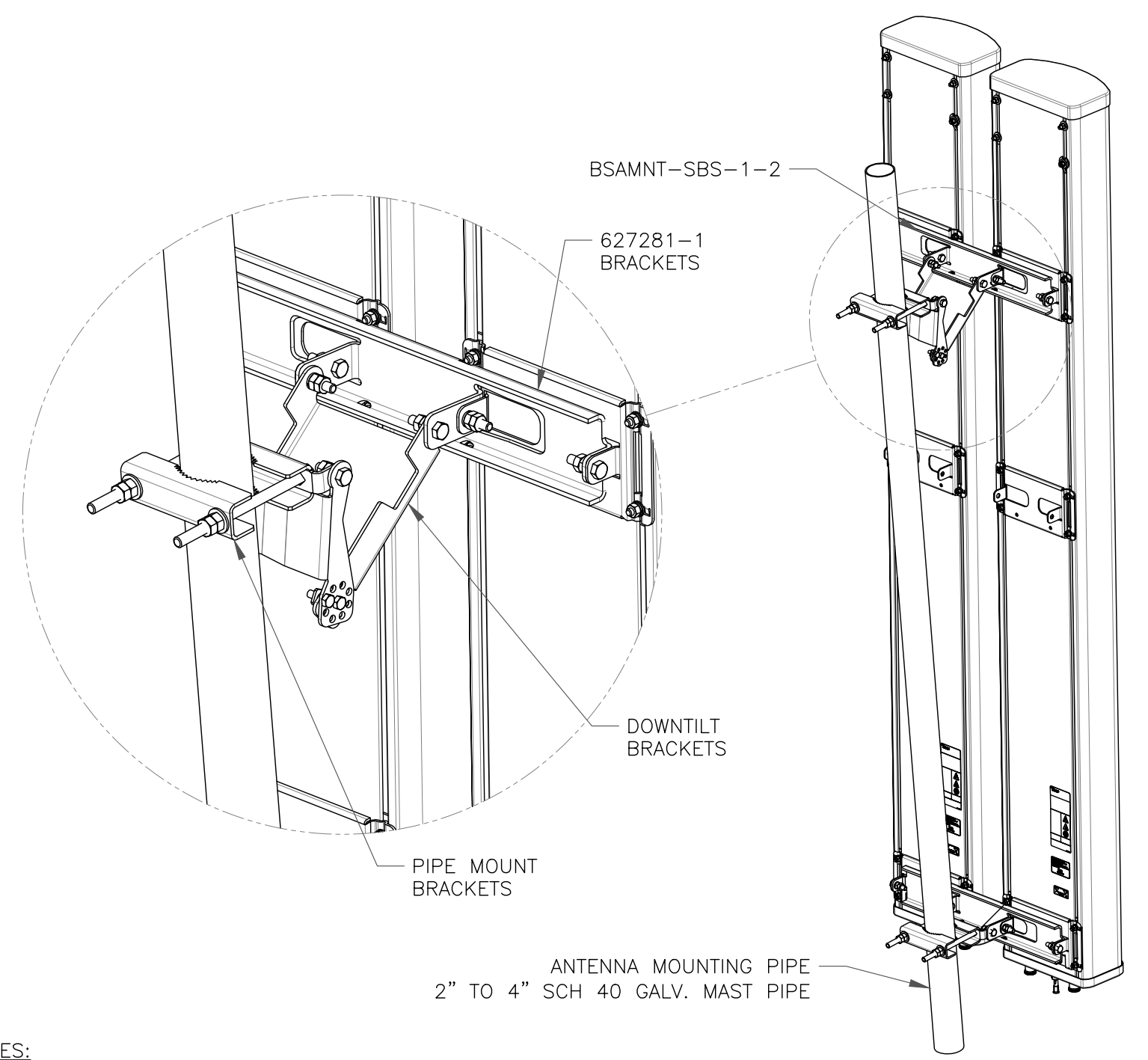


2 ANTENNA MOUNTING DETAIL
SCALE: NOT TO SCALE

INSTALLER NOTES:
1. COMPLY WITH MANUFACTURERS INSTRUCTIONS TO ENSURE THAT ALL RRU'S RECEIVE ELECTRICAL POWER WITHIN 24 HOURS OF BEING REMOVED FROM THE MANUFACTURER'S PACKAGING.
2. DO NOT OPEN RRU PACKAGES IN THE RAIN.
3. ALL PIPES, BRACKETS, AND MISCELLANEOUS HARDWARE TO BE GALVANIZED UNLESS NOTED OTHERWISE.
4. ANTENNA NOT SHOWN FOR CLARITY

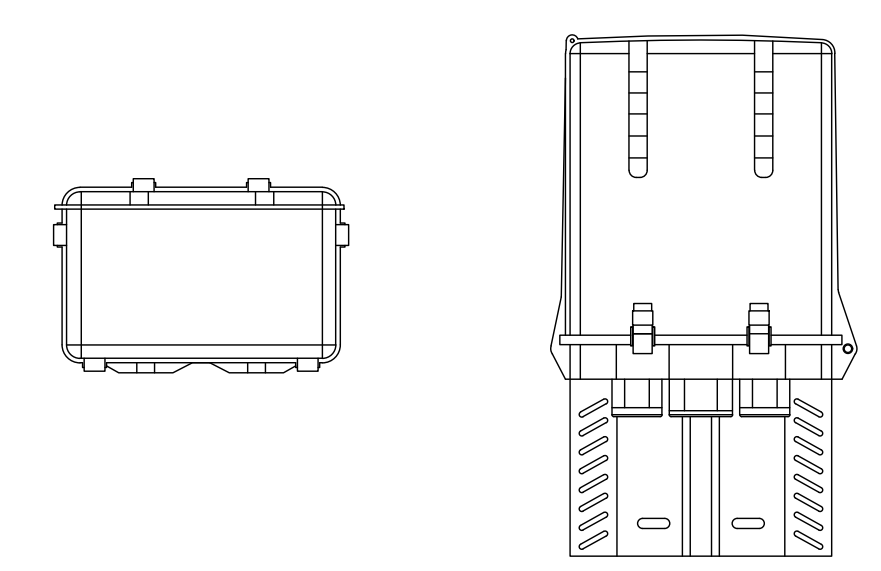


3 RRU MOUNTING DETAIL
SCALE: NOT TO SCALE



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

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



RAYCAP - RRFDC-3315-PF-48
WEIGHT (WITHOUT MOUNTING HARDWARE): 21.4 LBS
SIZE (HxWxD): 25.66x15.73x10.25 IN.
RATED WIND VELOCITY: 150 MPH (SUSTAINED)
OPERATING TEMPERATURE: -40° C TO +80° C
NOMINAL OPERATING DC VOLTAGE: 48 VDC
VOLTAGE PROTECTION RATING (VRP): 400V

5 RAYCAP - RRFDC-3315-PF-48
SCALE: NOT TO SCALE



VERIZON SITE NUMBER:
5000381595

BU #: 806366

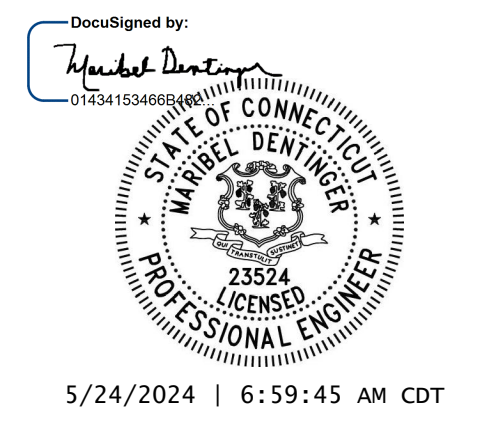
CROWN CASTLE SITE NAME
HRT 107(C) 943204

73 N MAIN ST
MARLBOROUGH, CT 06447

EXISTING 156'-3"
MONOPOLE

ISSUED FOR:

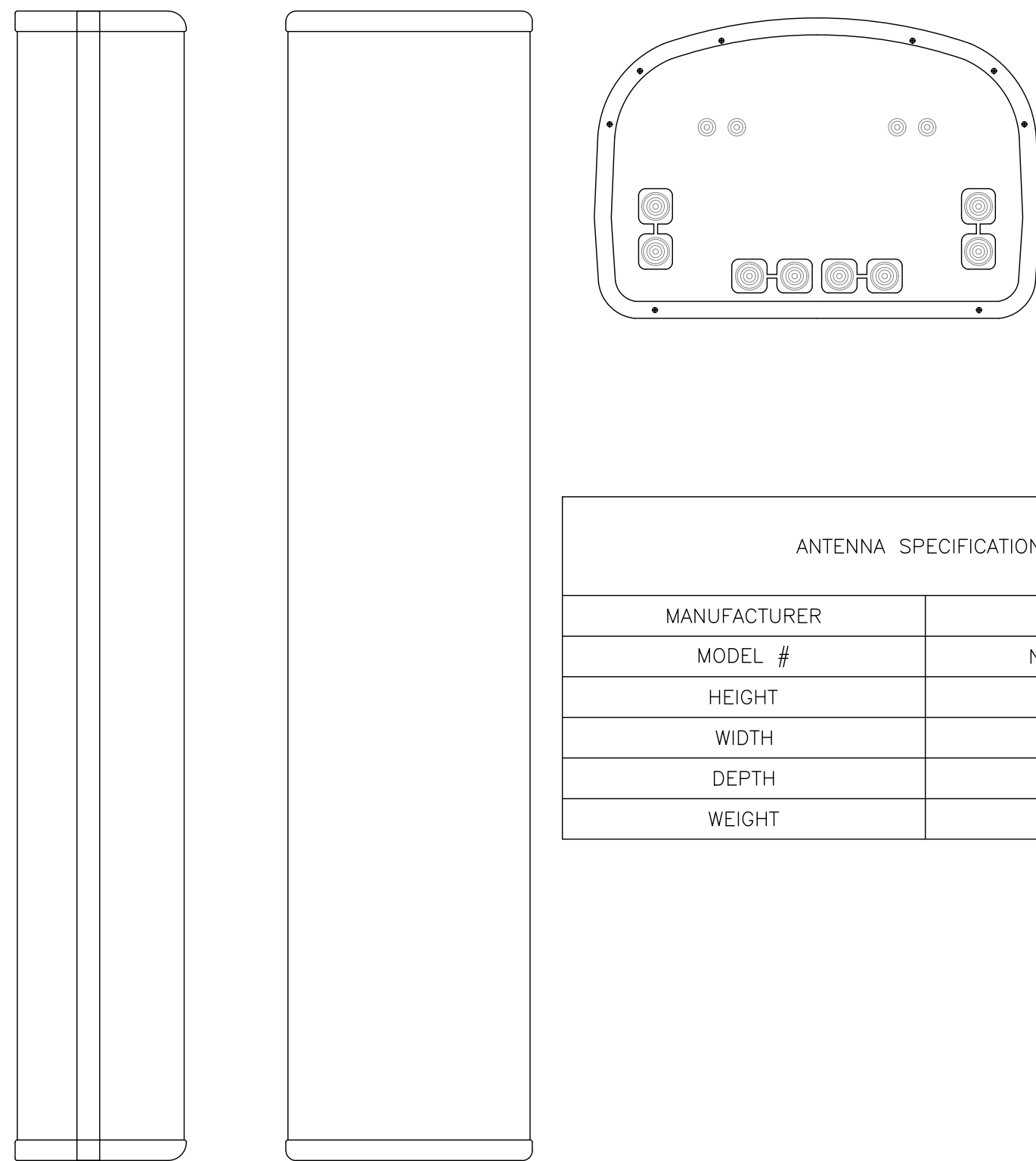
REV	DATE	DRWN	DESCRIPTION	DES./QA
0	3/28/24	AJC	FINAL	MD
1	5/22/24	AJC	REVISION	MD



5/24/2024 | 6:59:45 AM CDT

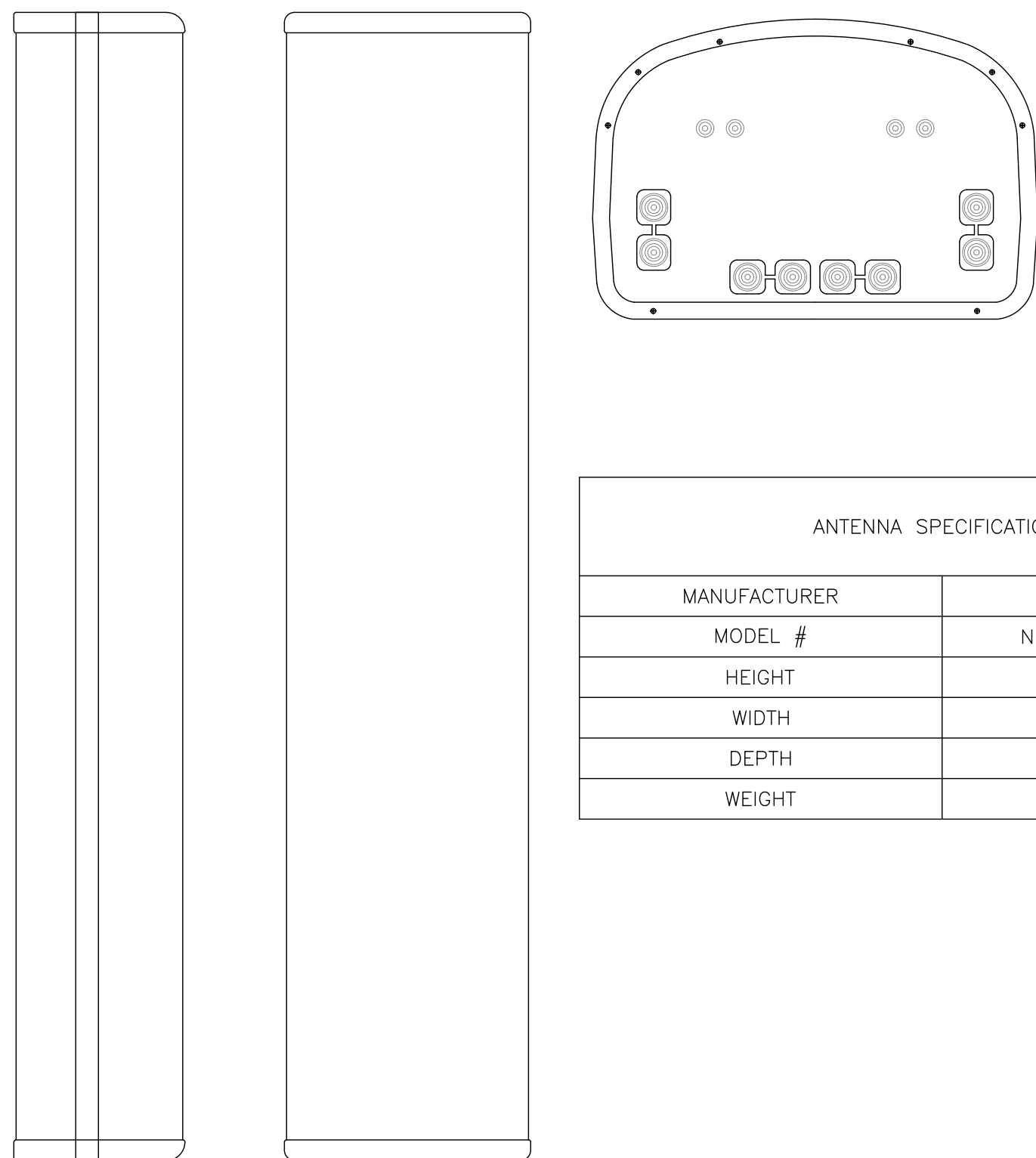
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SHEET NUMBER: **C-5.1** REVISION: **A**



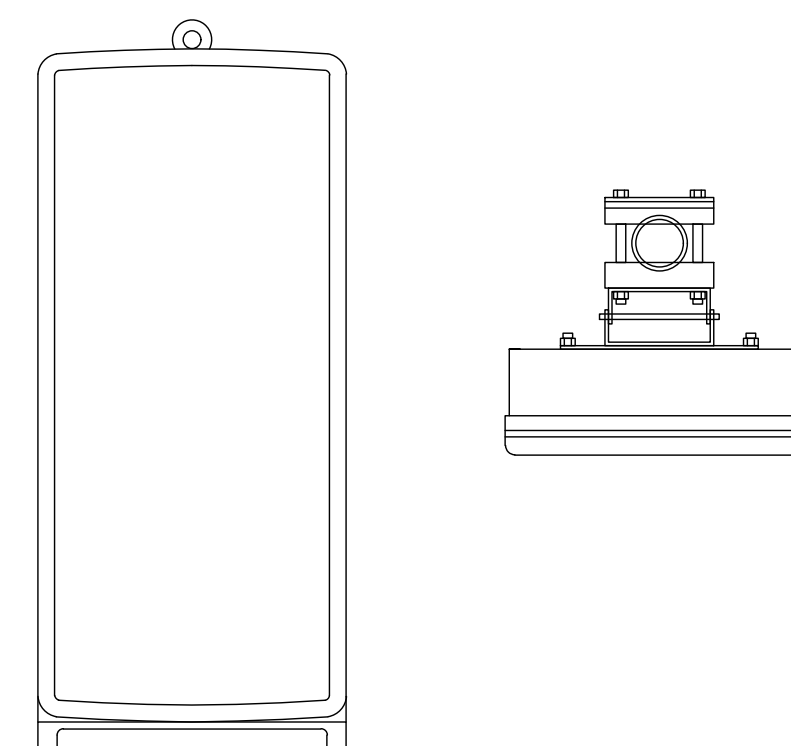
ANTENNA SPECIFICATIONS	
MANUFACTURER	COMMSCOPE
MODEL #	NHH-65B-R2B
HEIGHT	72.00"
WIDTH	11.90"
DEPTH	7.10"
WEIGHT	43.70 LBS

1 COMMSCOPE - NHH-65B-R2B
SCALE: NOT TO SCALE



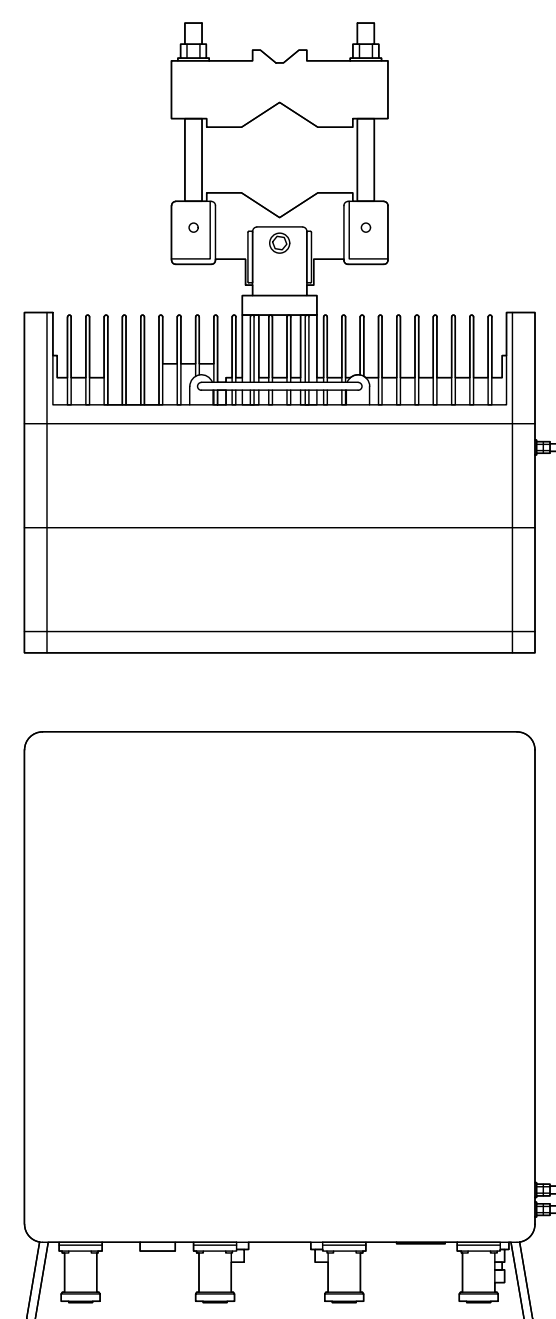
ANTENNA SPECIFICATIONS	
MANUFACTURER	COMMSCOPE
MODEL #	NHHSS-65B-R2BT4
HEIGHT	71.97"
WIDTH	11.85"
DEPTH	7.13"
WEIGHT	64.63 LBS

2 COMMSCOPE - NHHSS-65B-R2BT4
SCALE: NOT TO SCALE



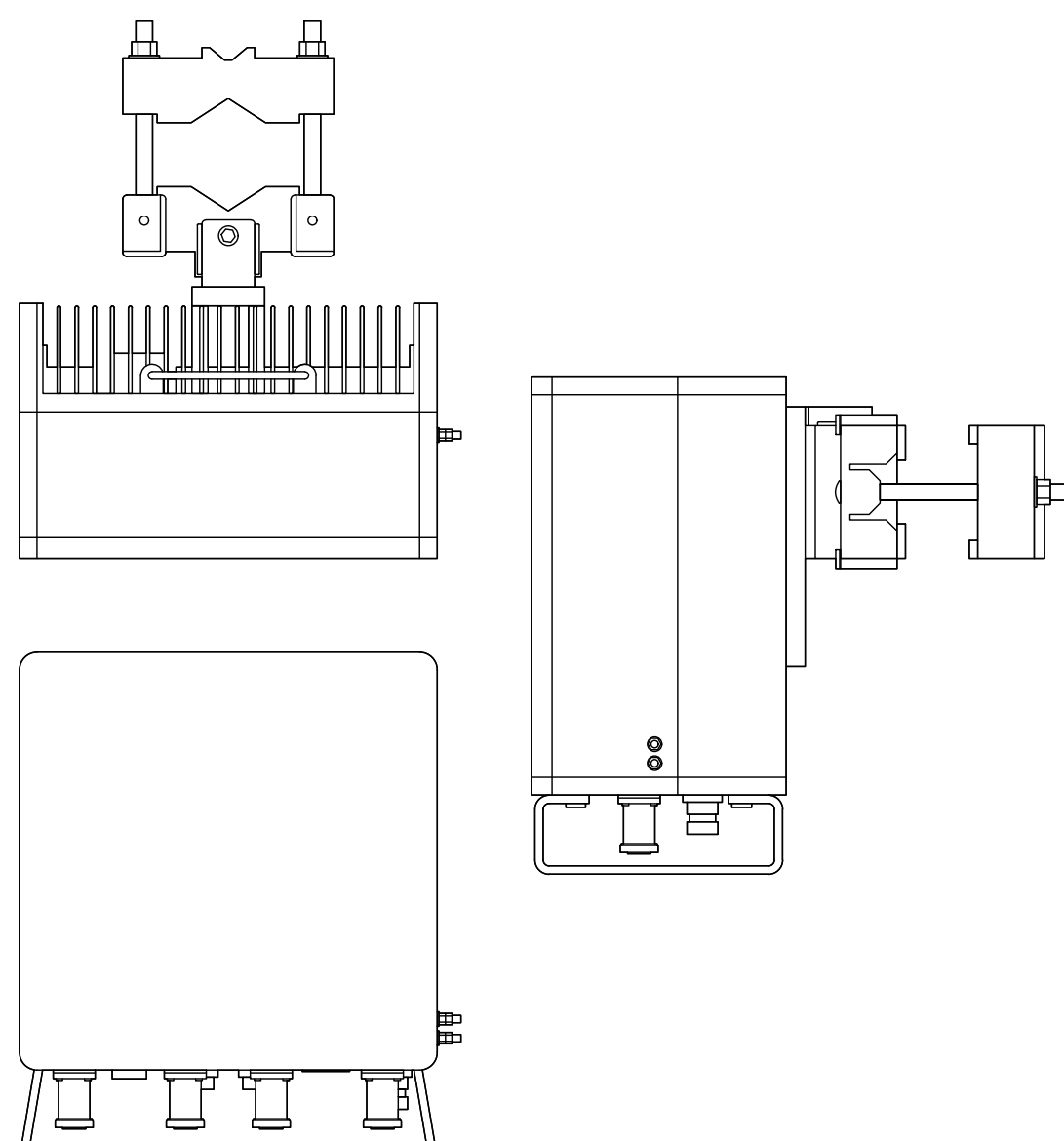
SAMSUNG - MT6413-77A
WEIGHT (WITHOUT MOUNTING HARDWARE): 55.10 LBS
SIZE (HxWxD): 28.9 x15.75x 5.51 IN.

3 SAMSUNG - MT6413 - 77A
SCALE: NOT TO SCALE



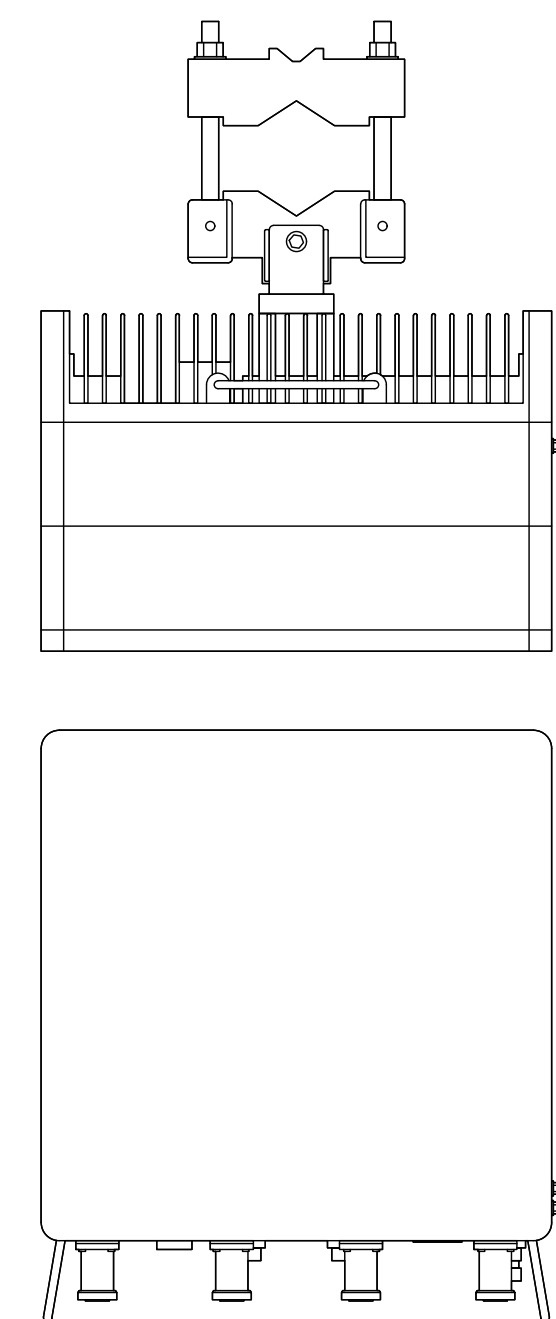
RADIO SPECS	
MANUFACTURER	SAMSUNG
MODEL #	RF4461D-13A
HxWxD	14.96" x 14.96" x 10.23"
WEIGHT	79.1 LBS

4 SAMSUNG - RF4461D-13A
SCALE: NOT TO SCALE



RADIO SPECS	
MANUFACTURER	SAMSUNG
MODEL #	RT4423-48A/B
HxWxD	11.80" x 8.70" x 3.60"
WEIGHT	15.4 LBS

5 SAMSUNG - RT4423-48A/B
SCALE: NOT TO SCALE



RADIO SPECS	
MANUFACTURER	SAMSUNG
MODEL #	RF4439D-25A
HxWxD	14.96" x 14.96" x 10.04"
WEIGHT	74.7 LBS

6 SAMSUNG - RF4439D-25A
SCALE: NOT TO SCALE



VERIZON SITE NUMBER:
5000381595

BU #: 806366

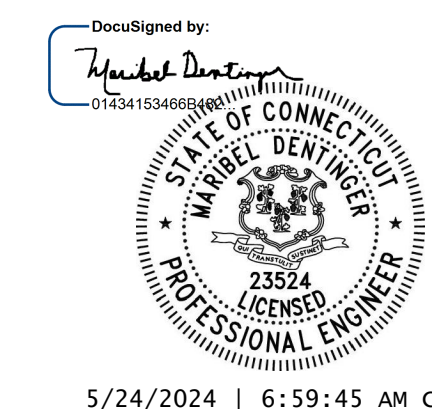
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EXISTING 156'-3"
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SHEET NUMBER:

C-5.2

REVISION:

A



VERIZON SITE NUMBER:
5000381595

BU #: 806366

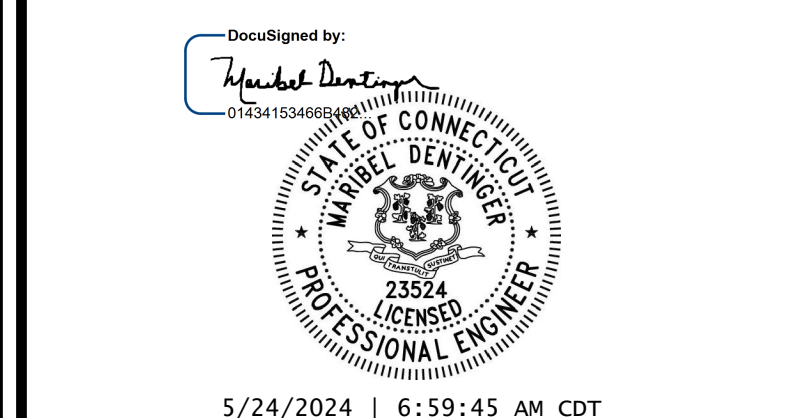
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MARLBOROUGH, CT 06447

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MONOPOLE

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1	5/22/24	AJC	REVISION	MD



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

Azimuth (1) Alpha					
Cell (850 CDMA)	Red				
PCS2 (1900 LTE)	Pink	Red	Pink		
700 LTE	Lt. Green	Red	Lt. Green		
850 LTE	Purple	Red	Purple		
2100 LTE	Orange	Red	Orange		
High Band Dual Band (Shared Lines)	Orange	Pink	Red	Pink	Orange
Low Band Dual Band (Shared Lines)	Purple	Lt. Green	Red	Lt. Green	Purple
5G 28GHz	Brown	Red	Brown		
5G 39GHz	Blue	Red	Blue		
LAA	Gray	Red	Gray		
CBRS	White	Red	White		
L-Sub6 (C-Band)	Red	Red	Red		

Azimuth (2) Beta					
Cell (850 CDMA)	Blue				
PCS2 (1900 LTE)	Pink	Blue	Pink		
700 LTE	Lt. Green	Blue	Lt. Green		
850 LTE	Purple	Blue	Purple		
2100 LTE	Orange	Blue	Orange		
High Band Dual Band (Shared Lines)	Orange	Pink	Blue	Pink	Orange
Low Band Dual Band (Shared Lines)	Purple	Lt. Green	Blue	Lt. Green	Purple
5G 28GHz	Brown	Blue	Brown		
5G 39GHz	Blue	Blue	Blue		
LAA	Gray	Blue	Gray		
CBRS	White	Blue	White		
L-Sub6 (C-Band)	Red	Blue	Red		

Azimuth (3) Gamma					
Cell (850 CDMA)	Yellow				
PCS2 (1900 LTE)	Pink	Yellow	Pink		
700 LTE	Lt. Green	Yellow	Lt. Green		
850 LTE	Purple	Yellow	Purple		
2100 LTE	Orange	Yellow	Orange		
High Band Dual Band (Shared Lines)	Orange	Pink	Yellow	Pink	Orange
Low Band Dual Band (Shared Lines)	Purple	Lt. Green	Yellow	Lt. Green	Purple
5G 28GHz	Brown	Yellow	Brown		
5G 39GHz	Blue	Yellow	Blue		
LAA	Gray	Yellow	Gray		
CBRS	White	Yellow	White		
L-Sub6 (C-Band)	Red	Yellow	Red		

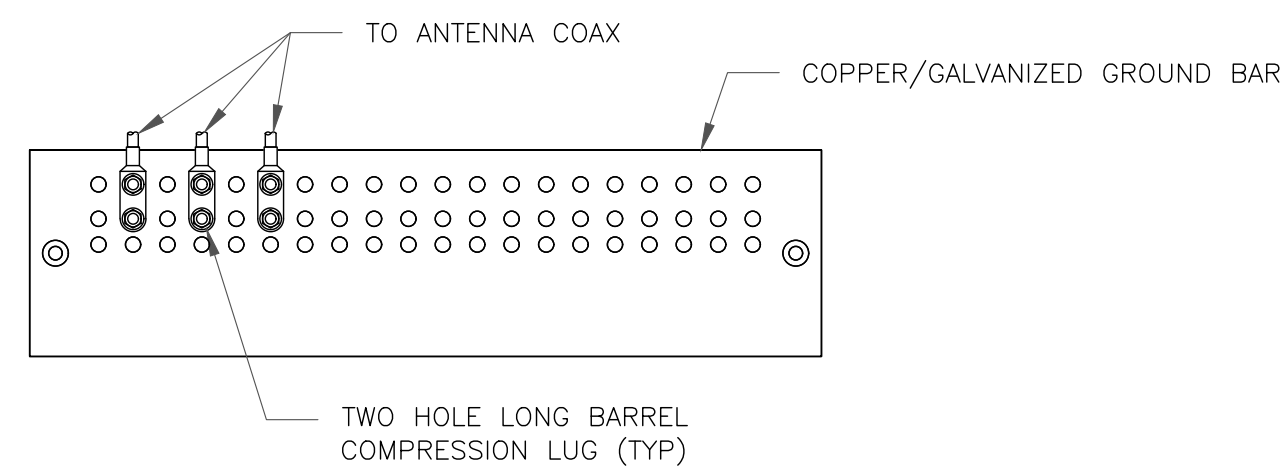
Azimuth (4) Delta					
Cell (850 CDMA)	Orange				
PCS2 (1900 LTE)	Pink	Orange	Pink		
700 LTE	Lt. Green	Orange	Lt. Green		
850 LTE	Purple	Orange	Purple		
2100 LTE	Orange	Orange	Orange		
High Band Dual Band (Shared Lines)	Orange	Pink	Orange	Pink	Orange
Low Band Dual Band (Shared Lines)	Purple	Lt. Green	Orange	Lt. Green	Purple
5G 28GHz	Brown	Orange	Brown		
5G 39GHz	Blue	Orange	Blue		
LAA	Gray	Orange	Gray		
CBRS	White	Orange	White		
L-Sub6 (C-Band)	Red	Orange	Red		

Azimuth (5) Epsilon					
Cell (850 CDMA)	White				
PCS2 (1900 LTE)	Pink	White	Pink		
700 LTE	Lt. Green	White	Lt. Green		
850 LTE	Purple	White	Purple		
2100 LTE	Orange	White	Orange		
High Band Dual Band (Shared Lines)	Orange	Pink	White	Pink	Orange
Low Band Dual Band (Shared Lines)	Purple	Lt. Green	White	Lt. Green	Purple
5G 28GHz	Brown	White	Brown		
5G 39GHz	Blue	White	Blue		
LAA	Gray	White	Gray		
CBRS	White	White	White		
L-Sub6 (C-Band)	Red	White	Red		

Azimuth (6) Zeta					
Cell (850 CDMA)	Gray				
PCS2 (1900 LTE)	Pink	Gray	Pink		
700 LTE	Lt. Green	Gray	Lt. Green		
850 LTE	Purple	Gray	Purple		
2100 LTE	Orange	Gray	Orange		
High Band Dual Band (Shared Lines)	Orange	Pink	Gray	Pink	Orange
Low Band Dual Band (Shared Lines)	Purple	Lt. Green	Gray	Lt. Green	Purple
5G 28GHz	Brown	Gray	Brown		
5G 39GHz	Blue	Gray	Blue		
LAA	Gray	Gray	Gray		
CBRS	White	Gray	White		
L-Sub6 (C-Band)	Red	Gray	Red		

1 COLOR CODE MATRIX
SCALE: NOT TO SCALE

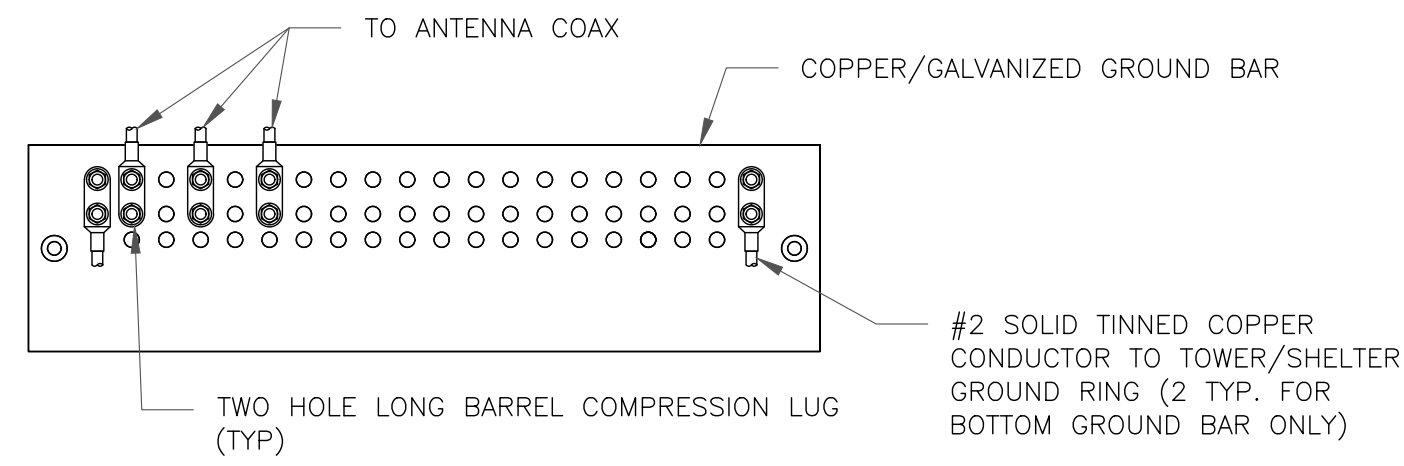
TEMPLATENAME_DATEOFGENERATION



NOTES:

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

1 ANTENNA SECTOR GROUND BAR DETAIL
SCALE: NOT TO SCALE

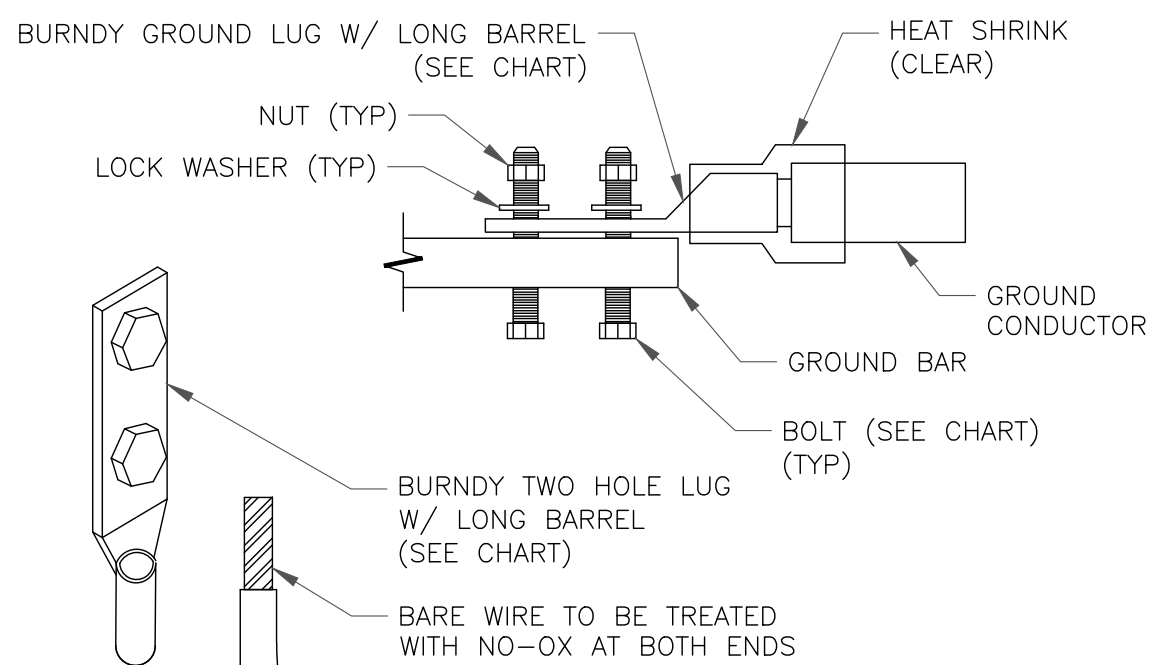


NOTES:

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

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

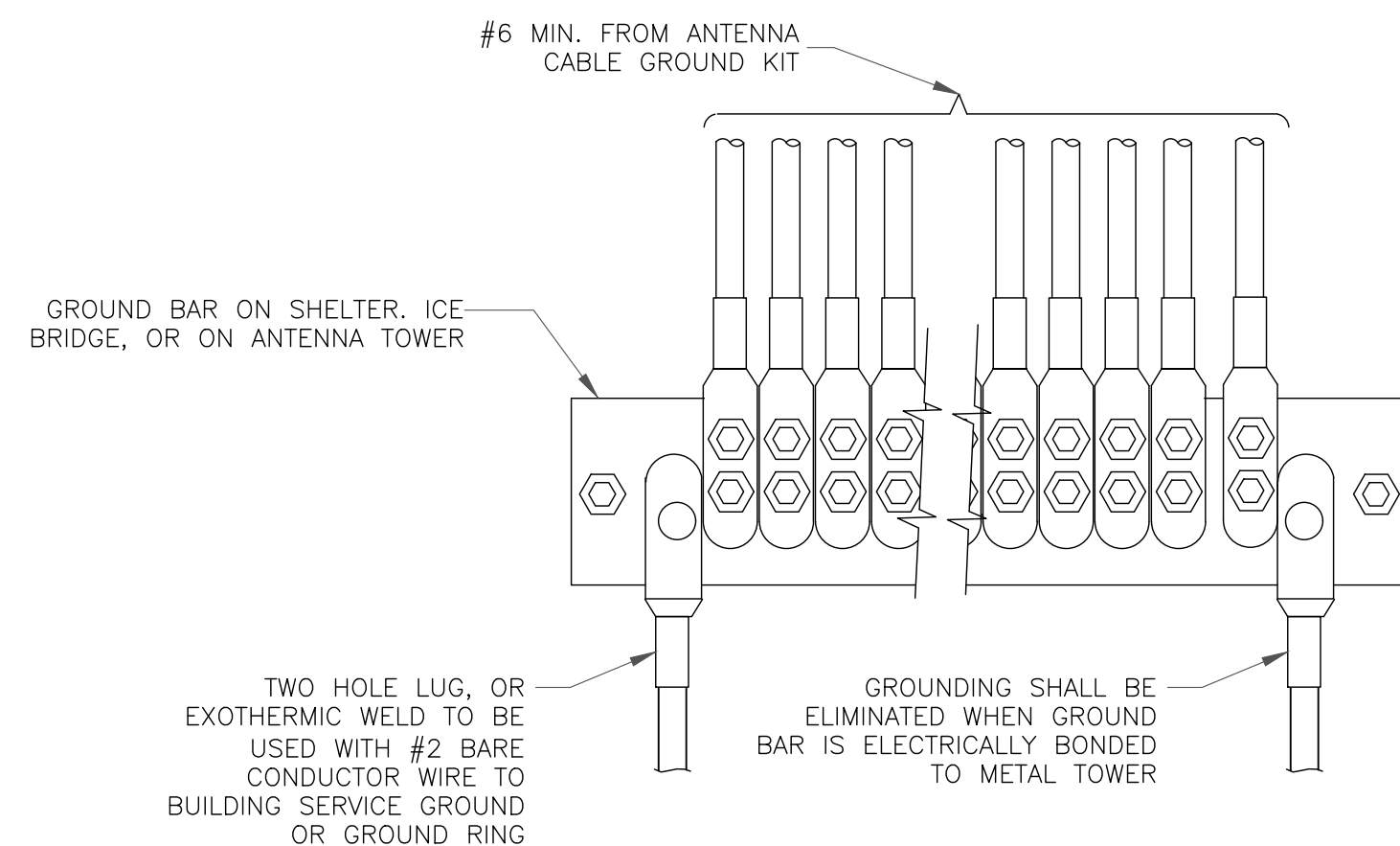
WIRE SIZE	BURNDY LUG	BOLT SIZE
#6 GREEN INSULATED	YA6C-2TC38	3/8" - 16 NC SS 2 BOLT
#2 SOLID TINNED	YA3C-2TC38	3/8" - 16 NC SS 2 BOLT
#2 STRANDED	YA2C-2TC38	3/8" - 16 NC SS 2 BOLT
#2/0 STRANDED	YA26-2TC38	3/8" - 16 NC SS 2 BOLT
#4/0 STRANDED	YA28-2N	1/2" - 16 NC SS 2 BOLT



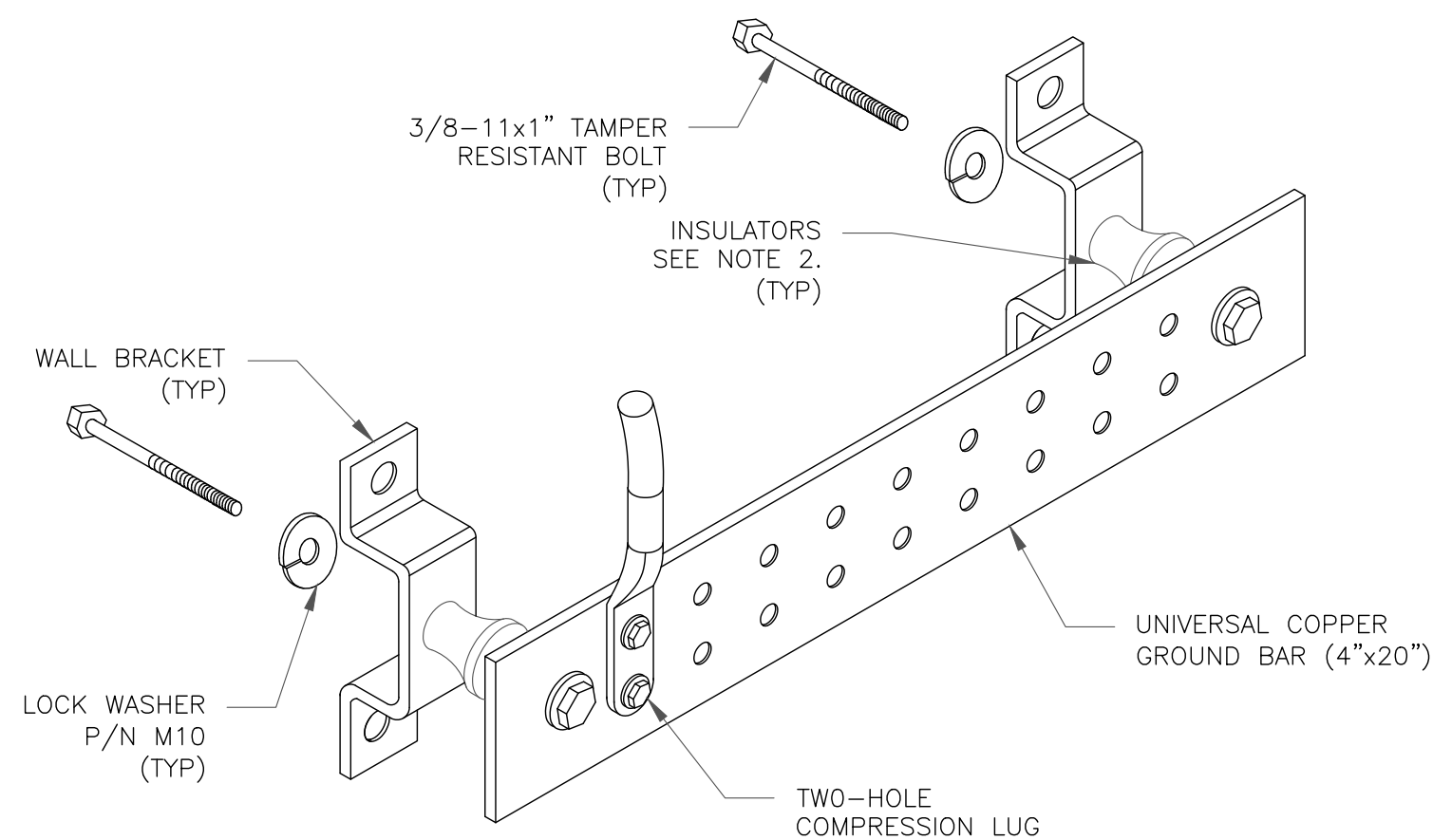
NOTE:

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.

3 MECHANICAL LUG CONNECTION
SCALE: NOT TO SCALE



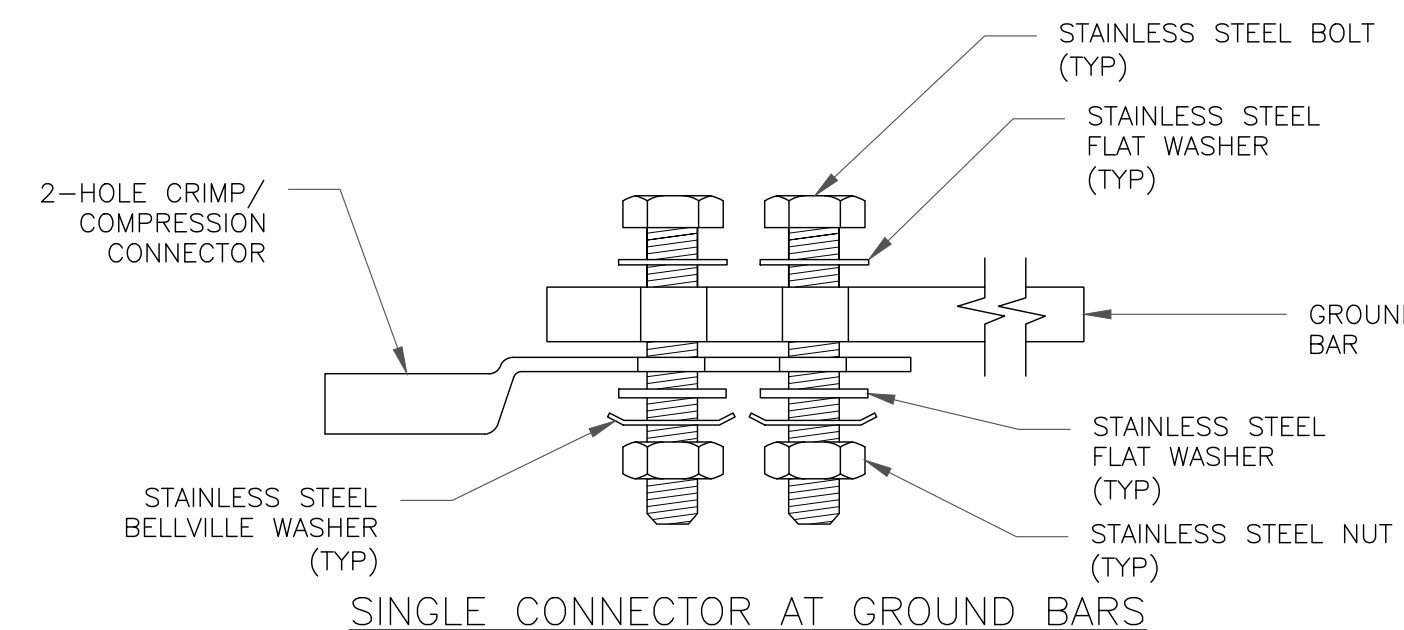
4 GROUNDWIRE INSTALLATION
SCALE: NOT TO SCALE



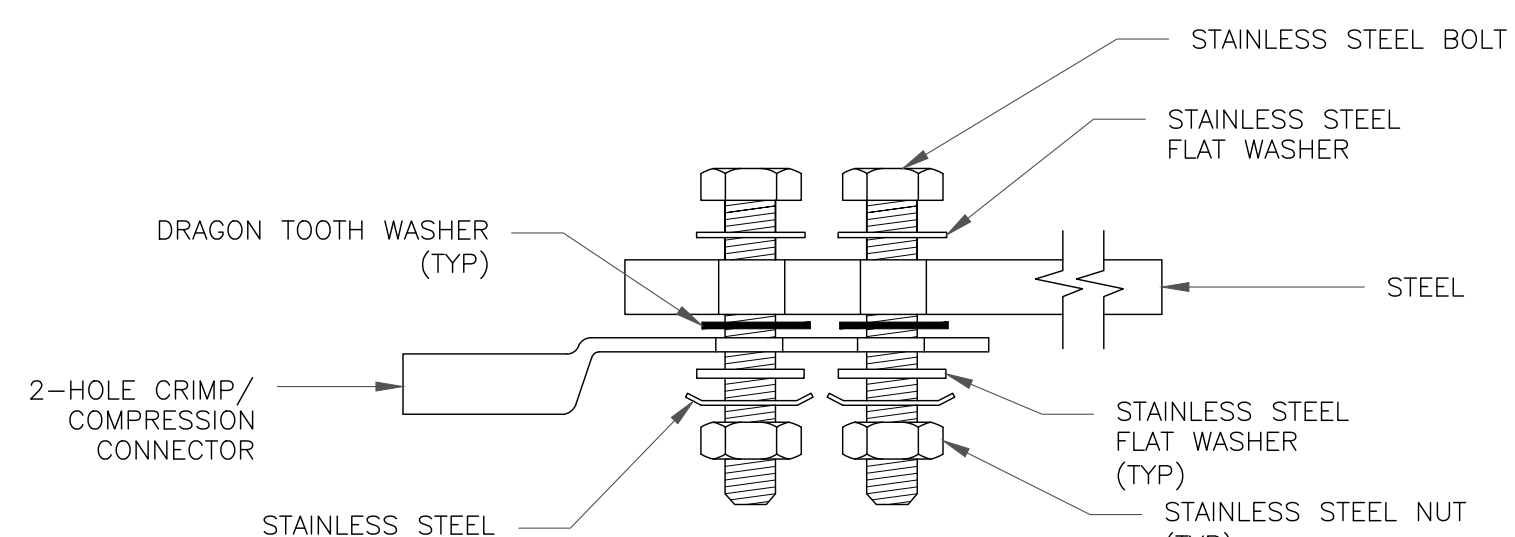
NOTES:

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

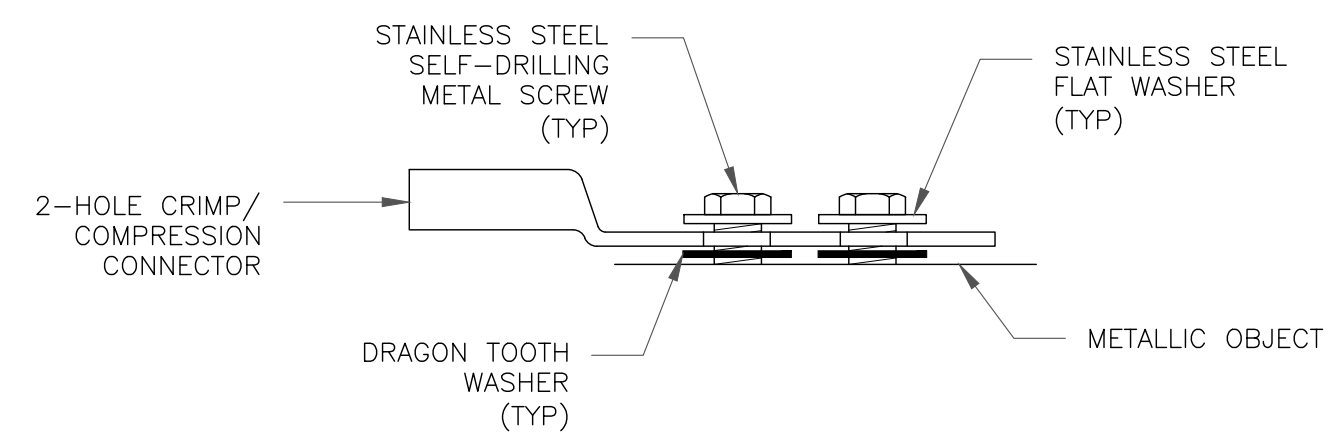
5 GROUND BAR DETAIL
SCALE: NOT TO SCALE



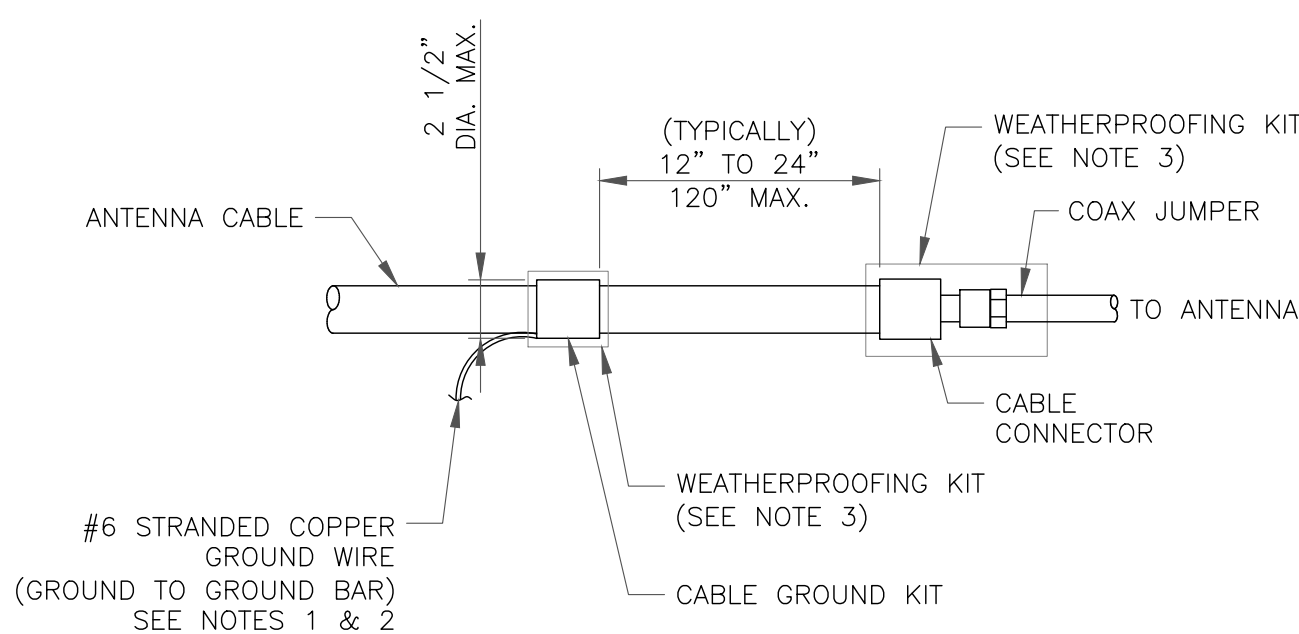
SINGLE CONNECTOR AT GROUND BARS



SINGLE CONNECTOR AT STEEL OBJECTS



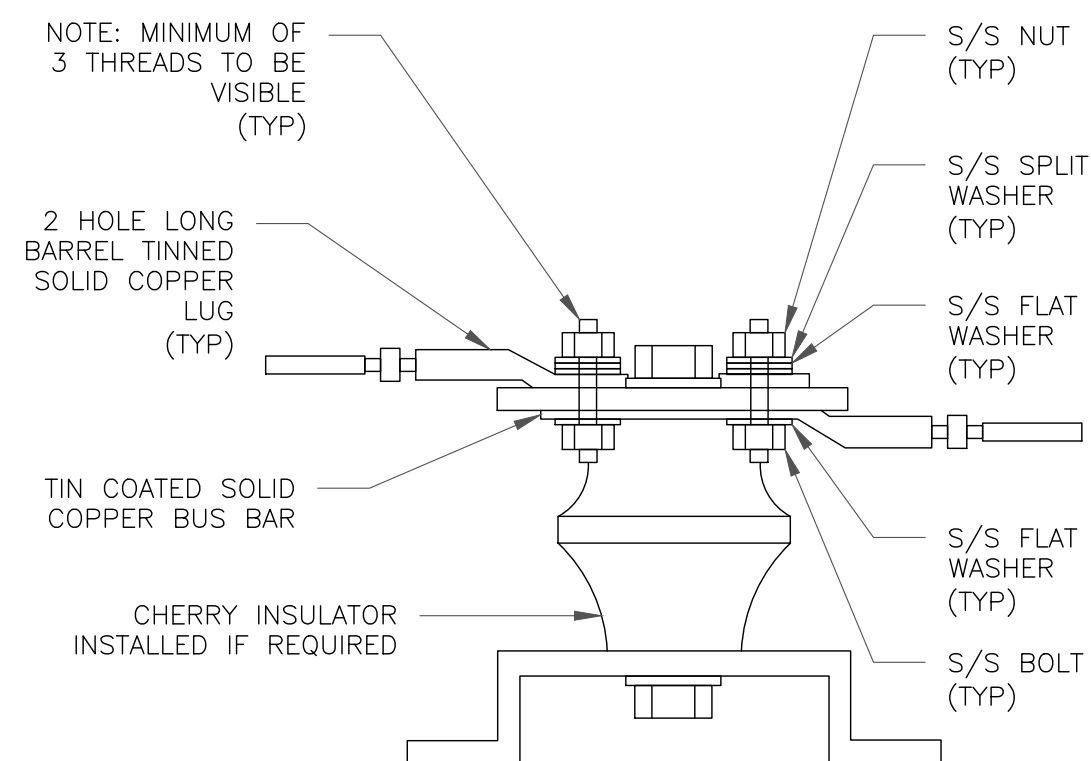
SINGLE CONNECTOR AT METALLIC/STEEL OBJECTS



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.

6 CABLE GROUND KIT CONNECTION
SCALE: NOT TO SCALE



7 LUG DETAIL
SCALE: NOT TO SCALE

8 HARDWARE DETAIL FOR EXTERIOR CONNECTIONS
SCALE: NOT TO SCALE



VERIZON SITE NUMBER:
5000381595

BU #: 806366

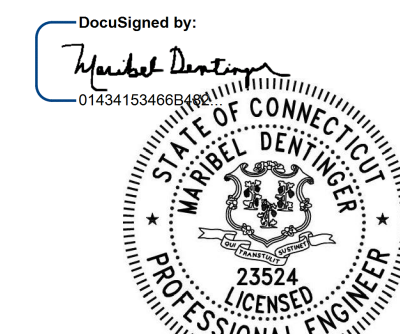
CROWN CASTLE SITE NAME
HRT 107(C) 943204

73 N MAIN ST
MARLBOROUGH, CT 06447

EXISTING 156'-3"
MONOPOLE

ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	DES./QA
0	3/28/24	AJC	FINAL	MD
1	5/22/24	AJC	REVISION	MD



5/24/2024 | 6:59:45 AM CDT

CROWN CASTLE USA INC.
CERTIFICATE OF REGISTRATION #PEC.0001101
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:

G-1

REVISION:

A

EXHIBIT E

Structural Analysis Report

Date: **February 16, 2024**



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

Subject: Structural Analysis Report

Carrier Designation: **Verizon Wireless Co-Locate**
Site Number: 5000381595
Site Name: Marlborough CT

Crown Castle Designation: **BU Number:** 806366
Site Name: HRT 107(C) 943204
JDE Job Number: 2107956
Work Order Number: 2283537
Order Number: 662908 Rev. 0

Engineering Firm Designation: **TEP Project Number:** 217470.929872

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

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

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

LC5: Proposed Equipment Configuration

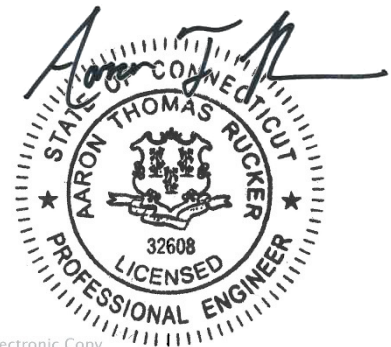
Sufficient Capacity – 51.8%

This analysis utilizes an ultimate 3-second gust wind speed of 130 mph as required by the 2022 Connecticut State Building Code. Applicable Standard references and design criteria are listed in Section 2 – Analysis Criteria.

Structural analysis prepared by: RPD / CS

Respectfully submitted by:

Aaron T. Rucker, P.E.



Electronic Copy

02/16/2024

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

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 155.5-ft monopole tower designed by FWT Inc.

2) ANALYSIS CRITERIA

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

Table 1 - Proposed Equipment Configuration

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)
159.0	159.0	1	Commscope	LNX-8513DS-VTM w/ Mount Pipe	6 2	1-5/8 1-1/2
		3	Commscope	NHHSS-65B-R2BT4 w/ Mount Pipe		
		3	Commscope	NHH-65B-R2B w/ Mount Pipe		
		3	Samsung Telecom.	MT6413-77A w/ Mount Pipe		
		2	Commscope	LNX-6514DS-A1M w/ Mount Pipe		
		2	Raycap	RRFDC-3315-PF-48		
		3	Samsung Telecom.	RT4423-48A/B		
		3	Samsung Telecom.	RF4439D-25A		
		3	Samsung Telecom.	RF4461D-13A		
		1	Tower Mounts	Platform Mount [LP 603-1_KCKR]		

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)
159.0	169.0	3	Decibel	DB809K-Y	-	-
145.0	146.0	3	Powerwave Technologies	7770.00 w/ Mount Pipe	12 6 2	1-1/4 3/4 3/8
		6	Powerwave Technologies	LGP 17201		
	145.0	3	Cci Antennas	HPA65R-BU6A w/ Mount Pipe		
		3	Cci Antennas	OPA65R-BU6D w/ Mount Pipe		
		3	Kathrein	80010965 w/ Mount Pipe		
		3	Raycap	DC6-48-60-18-8F		
		3	Ericsson	RRUS 4478 B14		
		3	Ericsson	RRUS 8843 B2/B66A		
		3	Ericsson	RRUS 4449 B5/B12		
		3	Ericsson	RRUS 32 B30		
	1	Tower Mounts	Platform Mount [16' LP 603-1]			
130.0	131.0	3	RFS Celwave	APXVAALL24_43-U-NA20_TMO w/ Mount Pipe	2	1-5/8
		3	Commscope	VV-65A-R1_TMO w/ Mount Pipe		
		3	Ericsson	AIR 6419 B41_TMO_CCIV2 w/ Mount Pipe		
		3	Ericsson	RADIO 4460 B2/B25 B66_TMO		
		3	Ericsson	Radio 4480_TMOV2		
	130.0	1	Tower Mounts	Commscope MC-PK10-C Platform		
113.0	125.0	1	Kreco	CO-41A	5 1	7/8 1-1/2
	120.0	1	Andrew	DB404-B w/ Mount Pipe		
	115.0	3	JMA Wireless	MX08FRO665-21 w/ Mount Pipe		
		1	Telewave	ANT 150Y7-WR		
		3	Fujitsu	TA08025-B604		
		3	Fujitsu	TA08025-B605		
		1	Raycap	RDIDC-9181-PF-48		
	112.0	1	Kreco	CO-41A		
	113.0	1	Tower Mounts	Commscope MC-PK8-DSH		

3) ANALYSIS PROCEDURE

Table 3 - Documents Provided

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

3.1) Analysis Method

tnxTower (version 8.2.2.0), a commercially available analysis software package, was used to create a three-dimensional model of the tower and calculate member stresses for various loading cases. Selected output from the analysis is included in Appendix A. When applicable, Crown Castle has calculated and provided the effective area for panel antennas using approved methods following the intent of the TIA-222 Standard.

3.2) Assumptions

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

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

4) ANALYSIS RESULTS

Table 4 - Section Capacity (Summary)

Section No.	Elevation (ft)	Component Type	Size	Critical Element	P (k)	ΦP_{allow} (k)	% Capacity	Pass / Fail
L1	155.5 - 110	Pole	TP64.606x58.6x0.375	1	-25.82	4083.22	13.4	Pass
L2	110 - 72.5	Pole	TP68.805x62.8x0.4375	2	-46.53	5456.99	26.1	Pass
L3	72.5 - 36	Pole	TP72.748x66.8082x0.5	3	-67.47	6956.40	34.4	Pass
L4	36 - 0	Pole	TP76.5x70.56x0.5	4	-95.34	7106.06	51.8	Pass
							Summary	
						Pole (L4)	51.8	Pass
						RATING =	51.8	Pass

Table 5 - Tower Component Stresses vs. Capacity - LC5

Notes	Component	Elevation (ft)	% Capacity	Pass / Fail
1,2	Anchor Rods	-	49.6	Pass
1,2	Base Plate	-	23.0	Pass
1,2	Base Foundation Structural	-	29.5	Pass
1,2	Base Foundation Soil Interaction	-	32.2	Pass

Structure Rating (max from all components) =	51.8%
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Notes:

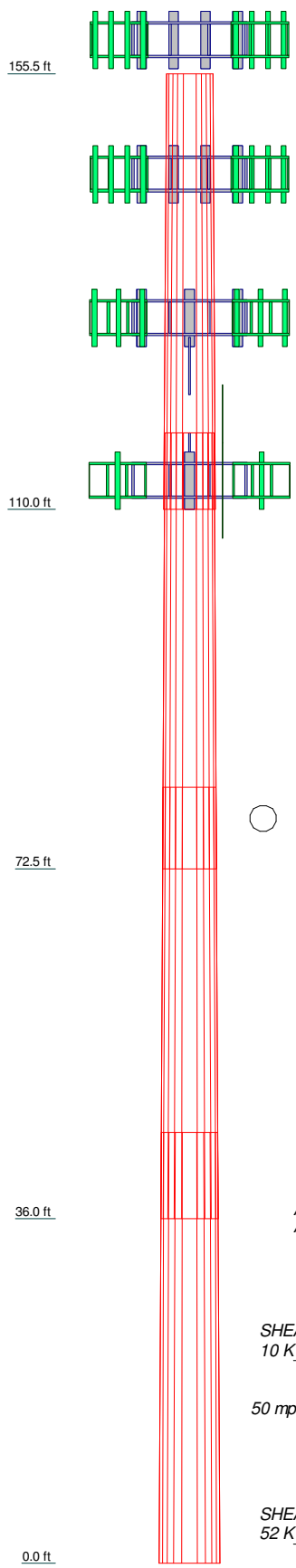
- 1) See additional documentation in "Appendix C - Additional Calculations" for calculations supporting the % capacity listed.
- 2) Rating per TIA-222-H Section 15.5

4.1) Recommendations

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

APPENDIX A
TNXTOWER OUTPUT

Section	1	2	3	4	
Length (ft)	45.50	45.50	45.00	45.00	
Number of Sides	12	12	12	12	
Thickness (in)	0.3750	0.4375	0.5000	0.5000	
Socket Length (ft)	8.00	8.50	9.00	70.5600	
Top Dia (in)	58.6000	62.8000	66.8082	70.5600	
Bot Dia (in)	64.6060	68.8060	72.7480	76.5000	
Grade		A572-65			
Weight (K)	11.4	14.3	17.1	18.0	60.8

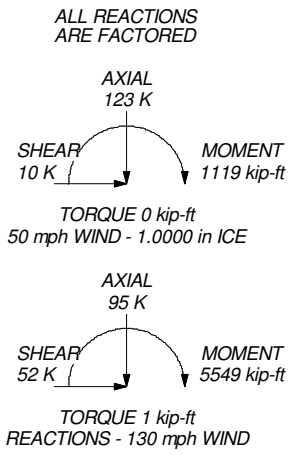


MATERIAL STRENGTH

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

TOWER DESIGN NOTES

1. Tower is located in Hartford County, Connecticut.
2. Tower designed for Exposure B to the TIA-222-H Standard.
3. Tower designed for a 130 mph basic wind in accordance with the TIA-222-H Standard.
4. Tower is also designed for a 50 mph basic wind with 1.00 in ice. Ice is considered to increase in thickness with height.
5. Deflections are based upon a 60 mph wind.
6. Tower Risk Category II.
7. Topographic Category 1 with Crest Height of 0.00 ft
8. TOWER RATING: 51.8%



 Tower Engineering Professionals	Tower Engineering Professionals		Job: HRT 107 (C) 943204 (BU 806366)
	326 Tryon Road		Project: TEP No. 217470.929872
	Raleigh, NC 27603		Client: Crown Castle
	Phone: (919) 661-6351		Drawn by: cdcrook
	FAX: (919) 661-6350		Date: 02/16/24
			App'd:
			Scale: NTS
			Dwg No. E-1

tnxTower Tower Engineering Professionals 326 Tryon Road Raleigh, NC 27603 Phone: (919) 661-6351 FAX: (919) 661-6350	Job HRT 107 (C) 943204 (BU 806366)	Page 1 of 19
	Project TEP No. 217470.929872	Date 11:48:16 02/16/24
	Client Crown Castle	Designed by cdcrook

Tower Input Data

The tower is a monopole.

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

The following design criteria apply:

Tower is located in Hartford County, Connecticut.

Tower base elevation above sea level: 578.00 ft.

Basic wind speed of 130 mph.

Risk Category II.

Exposure Category B.

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

Topographic Category: 1.

Crest Height: 0.00 ft.

Nominal ice thickness of 1.0000 in.

Ice thickness is considered to increase with height.

Ice density of 56 pcf.

A wind speed of 50 mph is used in combination with ice.

Temperature drop of 50 °F.

Deflections calculated using a wind speed of 60 mph.

A non-linear (P-delta) analysis was used.

Pressures are calculated at each section.

Stress ratio used in pole design is 1.

Tower analysis based on target reliabilities in accordance with Annex S.

Load Modification Factors used: $K_{es}(F_w) = 0.95$, $K_{es}(t_i) = 0.85$.

Maximum demand-capacity ratio is: 1.05.

Local bending stresses due to climbing loads, feed line supports, and appurtenance mounts are not considered.

Options

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

Tapered Pole Section Geometry

tnxTower Tower Engineering Professionals 326 Tryon Road Raleigh, NC 27603 Phone: (919) 661-6351 FAX: (919) 661-6350	Job HRT 107 (C) 943204 (BU 806366)	Page 2 of 19
	Project TEP No. 217470.929872	Date 11:48:16 02/16/24
	Client Crown Castle	Designed by cdcrook

Section	Elevation ft	Section Length ft	Splice Length ft	Number of Sides	Top Diameter in	Bottom Diameter in	Wall Thickness in	Bend Radius in	Pole Grade
L1	155.50-110.00	45.50	8.00	12	58.6000	64.6060	0.3750	1.5000	A572-65 (65 ksi)
L2	110.00-72.50	45.50	8.50	12	62.8000	68.8050	0.4375	1.7500	A572-65 (65 ksi)
L3	72.50-36.00	45.00	9.00	12	66.8082	72.7480	0.5000	2.0000	A572-65 (65 ksi)
L4	36.00-0.00	45.00		12	70.5600	76.5000	0.5000	2.0000	A572-65 (65 ksi)

Tapered Pole Properties

Section	Tip Dia. in	Area in ²	I in ⁴	r in	C in	I/C in ³	J in ⁴	It/Q in ²	w in	w/t
L1	60.5349	70.3067	30422.9680	20.8446	30.3548	1002.2457	61645.1813	34.6028	14.6998	39.199
	66.7528	77.5589	40842.0131	22.9947	33.4659	1220.4065	82756.9913	38.1721	16.3094	43.492
L2	65.9541	87.8532	43610.4361	22.3258	32.5304	1340.6056	88366.5670	43.2387	15.6579	35.789
	71.0778	96.3127	57460.4440	24.4756	35.6410	1612.2011	116430.4378	47.4022	17.2672	39.468
L3	70.1501	106.7562	59911.9263	23.7383	34.6066	1731.2263	121397.8056	52.5421	16.5646	33.129
	75.1379	116.3193	77497.7893	25.8648	37.6835	2056.5463	157031.5318	57.2488	18.1565	36.313
L4	74.1026	112.7967	70668.0195	25.0815	36.5501	1933.4563	143192.5665	55.5151	17.5701	35.14
	79.0222	122.3600	90209.5680	27.2080	39.6270	2276.4673	182789.0418	60.2219	19.1620	38.324

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

Feed Line/Linear Appurtenances - Entered As Round Or Flat

Description	Sector	Exclude From Torque Calculation	Component Type	Placement ft	Total Number	Number Per Row	Start/End Position	Width or Diameter in	Perimeter in	Weight plf
Safety Line 3/8	A	No	Surface Ar (CaAa)	155.50 - 8.00	1	1	0.500 0.500	0.3750		0.22
* *										
130										
CU12PSM9P6XXX(1-1/2)	A	No	Surface Ar (CaAa)	113.00 - 0.00	1	1	0.000 0.000	1.6000		2.35

tnxTower Tower Engineering Professionals 326 Tryon Road Raleigh, NC 27603 Phone: (919) 661-6351 FAX: (919) 661-6350	Job HRT 107 (C) 943204 (BU 806366)	Page 4 of 19
	Project TEP No. 217470.929872	Date 11:48:16 02/16/24
	Client Crown Castle	Designed by cdcrook

Feed Line/Linear Appurtenances Section Areas

Tower Section	Tower Elevation ft	Face	A_R ft ²	A_F ft ²	C_{AA} In Face ft ²	C_{AA} Out Face ft ²	Weight K
L1	155.50-110.00	A	0.000	0.000	2.186	0.000	0.02
		B	0.000	0.000	0.000	0.000	0.39
		C	0.000	0.000	0.000	0.000	0.47
L2	110.00-72.50	A	0.000	0.000	7.406	0.000	0.10
		B	0.000	0.000	0.000	0.000	0.42
		C	0.000	0.000	0.000	0.000	0.55
L3	72.50-36.00	A	0.000	0.000	7.209	0.000	0.09
		B	0.000	0.000	0.000	0.000	0.41
		C	0.000	0.000	0.000	0.000	0.53
L4	36.00-0.00	A	0.000	0.000	6.810	0.000	0.09
		B	0.000	0.000	0.000	0.000	0.40
		C	0.000	0.000	0.000	0.000	0.53

Feed Line/Linear Appurtenances Section Areas - With Ice

Tower Section	Tower Elevation ft	Face or Leg	Ice Thickness in	A_R ft ²	A_F ft ²	C_{AA} In Face ft ²	C_{AA} Out Face ft ²	Weight K
L1	155.50-110.00	A	0.977	0.000	0.000	11.662	0.000	0.10
		B		0.000	0.000	0.000	0.000	0.39
		C		0.000	0.000	0.000	0.000	0.47
L2	110.00-72.50	A	0.941	0.000	0.000	22.059	0.000	0.27
		B		0.000	0.000	0.000	0.000	0.42
		C		0.000	0.000	0.000	0.000	0.55
L3	72.50-36.00	A	0.894	0.000	0.000	20.948	0.000	0.26
		B		0.000	0.000	0.000	0.000	0.41
		C		0.000	0.000	0.000	0.000	0.53
L4	36.00-0.00	A	0.799	0.000	0.000	18.249	0.000	0.23
		B		0.000	0.000	0.000	0.000	0.40
		C		0.000	0.000	0.000	0.000	0.53

Feed Line Center of Pressure

Section	Elevation ft	CP_x in	CP_z in	CP_x Ice in	CP_z Ice in
L1	155.50-110.00	-0.0593	-0.2627	-0.0983	-1.1155
L2	110.00-72.50	-0.8372	-0.7058	-1.3704	-1.8094
L3	72.50-36.00	-0.8379	-0.7066	-1.3530	-1.7766
L4	36.00-0.00	-0.8394	-0.6572	-1.3345	-1.5179

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

tnxTower Tower Engineering Professionals 326 Tryon Road Raleigh, NC 27603 Phone: (919) 661-6351 FAX: (919) 661-6350	Job HRT 107 (C) 943204 (BU 806366)	Page 5 of 19
	Project TEP No. 217470.929872	Date 11:48:16 02/16/24
	Client Crown Castle	Designed by cdcrook

Shielding Factor Ka

Tower Section	Feed Line Record No.	Description	Feed Line Segment Elev.	K _a No Ice	K _a Ice
L1	1	Safety Line 3/8	110.00 - 155.50	1.0000	1.0000
L1	27	CU12PSM9P6XXX(1-1/2)	110.00 - 113.00	1.0000	1.0000
L2	1	Safety Line 3/8	72.50 - 110.00	1.0000	1.0000
L2	27	CU12PSM9P6XXX(1-1/2)	72.50 - 110.00	1.0000	1.0000
L3	1	Safety Line 3/8	36.00 - 72.50	1.0000	1.0000
L3	27	CU12PSM9P6XXX(1-1/2)	36.00 - 72.50	1.0000	1.0000
L4	1	Safety Line 3/8	8.00 - 36.00	1.0000	1.0000
L4	27	CU12PSM9P6XXX(1-1/2)	0.00 - 36.00	1.0000	1.0000

Discrete Tower Loads

Description	Face or Leg	Offset Type	Offsets: Horz Lateral	Azimuth Adjustment	Placement	C _{AA} Front	C _{AA} Side	Weight	
			ft	°	ft	ft ²	ft ²	K	
159									
LNX-8513DS-VTM w/ Mount Pipe	A	From Centroid-Le g	4.00 0.00 0.00	0.0000	159.00	No Ice 1/2" Ice 1" Ice	4.09 4.49 4.89	3.30 3.68 4.06	0.07 0.13 0.20
NHHSS-65B-R2BT4 w/ Mount Pipe	A	From Centroid-Le g	4.00 0.00 0.00	0.0000	159.00	No Ice 1/2" Ice 1" Ice	3.88 4.25 4.63	3.12 3.49 3.86	0.09 0.15 0.23
NHHSS-65B-R2BT4 w/ Mount Pipe	B	From Centroid-Le g	4.00 0.00 0.00	0.0000	159.00	No Ice 1/2" Ice 1" Ice	3.88 4.25 4.63	3.12 3.49 3.86	0.09 0.15 0.23
NHHSS-65B-R2BT4 w/ Mount Pipe	C	From Centroid-Le g	4.00 0.00 0.00	0.0000	159.00	No Ice 1/2" Ice 1" Ice	3.88 4.25 4.63	3.12 3.49 3.86	0.09 0.15 0.23
NHH-65B-R2B w/ Mount Pipe	A	From Centroid-Le g	4.00 0.00 0.00	0.0000	159.00	No Ice 1/2" Ice 1" Ice	4.09 4.48 4.88	3.29 3.67 4.06	0.07 0.13 0.21
NHH-65B-R2B w/ Mount Pipe	B	From Centroid-Le g	4.00 0.00 0.00	0.0000	159.00	No Ice 1/2" Ice 1" Ice	4.09 4.48 4.88	3.29 3.67 4.06	0.07 0.13 0.21
NHH-65B-R2B w/ Mount Pipe	C	From Centroid-Le g	4.00 0.00 0.00	0.0000	159.00	No Ice 1/2" Ice 1" Ice	4.09 4.48 4.88	3.29 3.67 4.06	0.07 0.13 0.21
MT6413-77A w/ Mount Pipe	A	From Centroid-Le g	4.00 0.00 0.00	0.0000	159.00	No Ice 1/2" Ice 1" Ice	4.00 4.31 4.63	2.15 2.55 2.97	0.07 0.10 0.14
MT6413-77A w/ Mount Pipe	B	From Centroid-Le g	4.00 0.00 0.00	0.0000	159.00	No Ice 1/2" Ice 1" Ice	4.00 4.31 4.63	2.15 2.55 2.97	0.07 0.10 0.14
MT6413-77A w/ Mount Pipe	C	From Centroid-Le g	4.00 0.00 0.00	0.0000	159.00	No Ice 1/2" Ice 1" Ice	4.00 4.31 4.63	2.15 2.55 2.97	0.07 0.10 0.14
LNX-6514DS-A1M w/	B	From	4.00	0.0000	159.00	No Ice	4.09	3.30	0.06

tnxTower Tower Engineering Professionals 326 Tryon Road Raleigh, NC 27603 Phone: (919) 661-6351 FAX: (919) 661-6350	Job	HRT 107 (C) 943204 (BU 806366)	Page	6 of 19
	Project	TEP No. 217470.929872	Date	11:48:16 02/16/24
	Client	Crown Castle	Designed by	cdcrook

Description	Face or Leg	Offset Type	Offsets:		Azimuth Adjustment	Placement	C _{AA} Front	C _{AA} Side	Weight
			Horz	Lateral					
Mount Pipe		Centroid-Le	0.00			1/2" Ice	4.49	3.68	0.13
		g	0.00			1" Ice	4.89	4.06	0.20
LNX-6514DS-A1M w/	C	From	4.00	0.0000	159.00	No Ice	4.09	3.30	0.06
Mount Pipe		Centroid-Le	0.00			1/2" Ice	4.49	3.68	0.13
		g	0.00			1" Ice	4.89	4.06	0.20
DB809K-Y	A	From	4.00	0.0000	159.00	No Ice	2.85	2.85	0.03
		Centroid-Le	0.00			1/2" Ice	4.03	4.03	0.05
		g	10.00			1" Ice	5.21	5.21	0.08
DB809K-Y	B	From	4.00	0.0000	159.00	No Ice	2.85	2.85	0.03
		Centroid-Le	0.00			1/2" Ice	4.03	4.03	0.05
		g	10.00			1" Ice	5.21	5.21	0.08
DB809K-Y	C	From	4.00	0.0000	159.00	No Ice	2.85	2.85	0.03
		Centroid-Le	0.00			1/2" Ice	4.03	4.03	0.05
		g	10.00			1" Ice	5.21	5.21	0.08
(2) RRFDC-3315-PF-48	A	From	4.00	0.0000	159.00	No Ice	3.36	2.19	0.02
		Centroid-Le	0.00			1/2" Ice	3.60	2.39	0.05
		g	0.00			1" Ice	3.84	2.61	0.08
RT4423-48A/B	A	From	4.00	0.0000	159.00	No Ice	0.86	0.36	0.02
		Centroid-Le	0.00			1/2" Ice	0.97	0.45	0.02
		g	0.00			1" Ice	1.10	0.54	0.03
RT4423-48A/B	B	From	4.00	0.0000	159.00	No Ice	0.86	0.36	0.02
		Centroid-Le	0.00			1/2" Ice	0.97	0.45	0.02
		g	0.00			1" Ice	1.10	0.54	0.03
RT4423-48A/B	C	From	4.00	0.0000	159.00	No Ice	0.86	0.36	0.02
		Centroid-Le	0.00			1/2" Ice	0.97	0.45	0.02
		g	0.00			1" Ice	1.10	0.54	0.03
RF4439D-25A	A	From	4.00	0.0000	159.00	No Ice	1.87	1.25	0.07
		Centroid-Le	0.00			1/2" Ice	2.03	1.39	0.09
		g	0.00			1" Ice	2.21	1.54	0.11
RF4439D-25A	B	From	4.00	0.0000	159.00	No Ice	1.87	1.25	0.07
		Centroid-Le	0.00			1/2" Ice	2.03	1.39	0.09
		g	0.00			1" Ice	2.21	1.54	0.11
RF4439D-25A	C	From	4.00	0.0000	159.00	No Ice	1.87	1.25	0.07
		Centroid-Le	0.00			1/2" Ice	2.03	1.39	0.09
		g	0.00			1" Ice	2.21	1.54	0.11
RF4461D-13A	A	From	4.00	0.0000	159.00	No Ice	1.87	1.28	0.08
		Centroid-Le	0.00			1/2" Ice	2.03	1.42	0.10
		g	0.00			1" Ice	2.21	1.57	0.12
RF4461D-13A	B	From	4.00	0.0000	159.00	No Ice	1.87	1.28	0.08
		Centroid-Le	0.00			1/2" Ice	2.03	1.42	0.10
		g	0.00			1" Ice	2.21	1.57	0.12
RF4461D-13A	C	From	4.00	0.0000	159.00	No Ice	1.87	1.28	0.08
		Centroid-Le	0.00			1/2" Ice	2.03	1.42	0.10
		g	0.00			1" Ice	2.21	1.57	0.12
2.4" Dia. x 15-ft Pipe	A	From	4.00	0.0000	159.00	No Ice	3.60	0.00	0.05
		Centroid-Le	0.00			1/2" Ice	5.13	0.00	0.08
		g	0.00			1" Ice	6.67	0.00	0.12
2.4" Dia. x 15-ft Pipe	B	From	4.00	0.0000	159.00	No Ice	3.60	0.00	0.05
		Centroid-Le	0.00			1/2" Ice	5.13	0.00	0.08
		g	0.00			1" Ice	6.67	0.00	0.12
2.4" Dia. x 15-ft Pipe	C	From	4.00	0.0000	159.00	No Ice	3.60	0.00	0.05
		Centroid-Le	0.00			1/2" Ice	5.13	0.00	0.08
		g	0.00			1" Ice	6.67	0.00	0.12
L2 1/2x2 1/2x3/16 x 11ft	A	From	4.00	0.0000	159.00	No Ice	4.58	4.58	0.03
		Centroid-Le	0.00			1/2" Ice	5.83	5.83	0.06
		g	0.00			1" Ice	7.10	7.10	0.09
L2 1/2x2 1/2x3/16 x 11ft	B	From	4.00	0.0000	159.00	No Ice	4.58	4.58	0.03

tnxTower Tower Engineering Professionals 326 Tryon Road Raleigh, NC 27603 Phone: (919) 661-6351 FAX: (919) 661-6350	Job	HRT 107 (C) 943204 (BU 806366)	Page	7 of 19
	Project	TEP No. 217470.929872	Date	11:48:16 02/16/24
	Client	Crown Castle	Designed by	cdcrook

Description	Face or Leg	Offset Type	Offsets:		Azimuth Adjustment	Placement	CAAA		Weight
			Horz	Lateral			Front	Side	
			ft	ft	°	ft	ft ²	ft ²	K
L2 1/2x2 1/2x3/16 x 11ft	C	Centroid-Le	0.00			1/2" Ice	5.83	5.83	0.06
		g	0.00			1" Ice	7.10	7.10	0.09
		From	4.00	0.0000	159.00	No Ice	4.58	4.58	0.03
(2) 1.9" x 3' Pipe	A	Centroid-Le	0.00			1/2" Ice	5.83	5.83	0.06
		g	0.00			1" Ice	7.10	7.10	0.09
		From	3.00	0.0000	159.00	No Ice	0.51	0.51	0.01
(2) 1.9" x 3' Pipe	B	Centroid-Le	0.00			1/2" Ice	0.69	0.69	0.01
		g	0.00			1" Ice	0.89	0.89	0.02
		From	3.00	0.0000	159.00	No Ice	0.51	0.51	0.01
(2) 1.9" x 3' Pipe	C	Centroid-Le	0.00			1/2" Ice	0.69	0.69	0.01
		g	0.00			1" Ice	0.89	0.89	0.02
		From	3.00	0.0000	159.00	No Ice	0.51	0.51	0.01
2.4" Dia x 8-ft Mount Pipe	A	Centroid-Le	0.00			1/2" Ice	0.69	0.69	0.01
		g	0.00			1" Ice	0.89	0.89	0.02
		From	4.00	0.0000	159.00	No Ice	1.90	1.90	0.03
2.4" Dia x 8-ft Mount Pipe	B	Centroid-Le	0.00			1/2" Ice	2.73	2.73	0.04
		g	0.00			1" Ice	3.40	3.40	0.06
		From	4.00	0.0000	159.00	No Ice	1.90	1.90	0.03
2.4" Dia x 8-ft Mount Pipe	C	Centroid-Le	0.00			1/2" Ice	2.73	2.73	0.04
		g	0.00			1" Ice	3.40	3.40	0.06
		From	4.00	0.0000	159.00	No Ice	1.90	1.90	0.03
1.9" x 3' Pipe	A	Centroid-Le	0.00			1/2" Ice	2.73	2.73	0.04
		g	0.00			1" Ice	3.40	3.40	0.06
		From	4.00	0.0000	159.00	No Ice	0.51	0.51	0.01
1.9" x 3' Pipe	B	Centroid-Le	0.00			1/2" Ice	0.69	0.69	0.01
		g	0.00			1" Ice	0.89	0.89	0.02
		From	4.00	0.0000	159.00	No Ice	0.51	0.51	0.01
1.9" x 3' Pipe	C	Centroid-Le	0.00			1/2" Ice	0.69	0.69	0.01
		g	0.00			1" Ice	0.89	0.89	0.02
		From	4.00	0.0000	159.00	No Ice	0.51	0.51	0.01
Platform Mount [LP 603-1_KCKR]	C	Centroid-Le	0.00		0.0000	1/2" Ice	0.69	0.69	0.01
		g	0.00			1" Ice	0.89	0.89	0.02
		None			159.00	No Ice	51.85	51.85	2.33
145					1/2" Ice	61.50	61.50	3.20	
					1" Ice	71.99	71.99	4.25	
7770.00 w/ Mount Pipe	A	From	4.00	0.0000	145.00	No Ice	3.39	2.32	0.06
		Centroid-Le	0.00			1/2" Ice	3.75	2.66	0.10
		g	1.00			1" Ice	4.12	3.02	0.15
7770.00 w/ Mount Pipe	B	From	4.00	0.0000	145.00	No Ice	3.39	2.32	0.06
		Centroid-Le	0.00			1/2" Ice	3.75	2.66	0.10
		g	1.00			1" Ice	4.12	3.02	0.15
7770.00 w/ Mount Pipe	C	From	4.00	0.0000	145.00	No Ice	3.39	2.32	0.06
		Centroid-Le	0.00			1/2" Ice	3.75	2.66	0.10
		g	1.00			1" Ice	4.12	3.02	0.15
HPA65R-BU6A w/ Mount Pipe	A	From	4.00	0.0000	145.00	No Ice	5.83	5.00	0.08
		Centroid-Le	0.00			1/2" Ice	6.40	5.56	0.14
		g	0.00			1" Ice	6.99	6.13	0.22
HPA65R-BU6A w/ Mount Pipe	B	From	4.00	0.0000	145.00	No Ice	5.83	5.00	0.08
		Centroid-Le	0.00			1/2" Ice	6.40	5.56	0.14
		g	0.00			1" Ice	6.99	6.13	0.22
HPA65R-BU6A w/ Mount Pipe	C	From	4.00	0.0000	145.00	No Ice	5.83	5.00	0.08
		Centroid-Le	0.00			1/2" Ice	6.40	5.56	0.14
		g	0.00			1" Ice	6.99	6.13	0.22
OPA65R-BU6D w/ Mount Pipe	A	From	4.00	0.0000	145.00	No Ice	12.25	6.05	0.09
		Centroid-Le	0.00			1/2" Ice	13.00	6.71	0.18
		g	0.00			1" Ice	13.76	7.39	0.27

tnxTower Tower Engineering Professionals 326 Tryon Road Raleigh, NC 27603 Phone: (919) 661-6351 FAX: (919) 661-6350	Job	HRT 107 (C) 943204 (BU 806366)	Page	8 of 19
	Project	TEP No. 217470.929872	Date	11:48:16 02/16/24
	Client	Crown Castle	Designed by	cdcrook

Description	Face or Leg	Offset Type	Offsets:		Azimuth Adjustment	Placement	C _{AA} Front	C _{AA} Side	Weight
			Horz	Lateral					
OPA65R-BU6D w/ Mount Pipe	B	From	4.00	0.0000	145.00	No Ice	12.25	6.05	0.09
		Centroid-Le	0.00			1/2" Ice	13.00	6.71	0.18
		g	0.00			1" Ice	13.76	7.39	0.27
OPA65R-BU6D w/ Mount Pipe	C	From	4.00	0.0000	145.00	No Ice	12.25	6.05	0.09
		Centroid-Le	0.00			1/2" Ice	13.00	6.71	0.18
		g	0.00			1" Ice	13.76	7.39	0.27
80010965 w/ Mount Pipe	A	From	4.00	0.0000	145.00	No Ice	12.26	5.79	0.14
		Centroid-Le	0.00			1/2" Ice	13.03	6.47	0.23
		g	0.00			1" Ice	13.80	7.17	0.33
80010965 w/ Mount Pipe	B	From	4.00	0.0000	145.00	No Ice	12.26	5.79	0.14
		Centroid-Le	0.00			1/2" Ice	13.03	6.47	0.23
		g	0.00			1" Ice	13.80	7.17	0.33
80010965 w/ Mount Pipe	C	From	4.00	0.0000	145.00	No Ice	12.26	5.79	0.14
		Centroid-Le	0.00			1/2" Ice	13.03	6.47	0.23
		g	0.00			1" Ice	13.80	7.17	0.33
(2) LGP 17201	A	From	4.00	0.0000	145.00	No Ice	1.67	0.47	0.03
		Centroid-Le	0.00			1/2" Ice	1.83	0.57	0.04
		g	1.00			1" Ice	2.00	0.68	0.06
(2) LGP 17201	B	From	4.00	0.0000	145.00	No Ice	1.67	0.47	0.03
		Centroid-Le	0.00			1/2" Ice	1.83	0.57	0.04
		g	1.00			1" Ice	2.00	0.68	0.06
(2) LGP 17201	C	From	4.00	0.0000	145.00	No Ice	1.67	0.47	0.03
		Centroid-Le	0.00			1/2" Ice	1.83	0.57	0.04
		g	1.00			1" Ice	2.00	0.68	0.06
DC6-48-60-18-8F	A	From	4.00	0.0000	145.00	No Ice	0.85	0.85	0.02
		Centroid-Le	0.00			1/2" Ice	1.36	1.36	0.04
		g	0.00			1" Ice	1.53	1.53	0.05
DC6-48-60-18-8F	B	From	4.00	0.0000	145.00	No Ice	0.85	0.85	0.02
		Centroid-Le	0.00			1/2" Ice	1.36	1.36	0.04
		g	0.00			1" Ice	1.53	1.53	0.05
DC6-48-60-18-8F	C	From	4.00	0.0000	145.00	No Ice	0.85	0.85	0.02
		Centroid-Le	0.00			1/2" Ice	1.36	1.36	0.04
		g	0.00			1" Ice	1.53	1.53	0.05
RRUS 4478 B14	A	From	4.00	0.0000	145.00	No Ice	1.84	1.06	0.06
		Centroid-Le	0.00			1/2" Ice	2.01	1.20	0.08
		g	0.00			1" Ice	2.19	1.34	0.09
RRUS 4478 B14	B	From	4.00	0.0000	145.00	No Ice	1.84	1.06	0.06
		Centroid-Le	0.00			1/2" Ice	2.01	1.20	0.08
		g	0.00			1" Ice	2.19	1.34	0.09
RRUS 4478 B14	C	From	4.00	0.0000	145.00	No Ice	1.84	1.06	0.06
		Centroid-Le	0.00			1/2" Ice	2.01	1.20	0.08
		g	0.00			1" Ice	2.19	1.34	0.09
RRUS 8843 B2/B66A	A	From	4.00	0.0000	145.00	No Ice	1.64	1.35	0.07
		Centroid-Le	0.00			1/2" Ice	1.80	1.50	0.09
		g	0.00			1" Ice	1.97	1.65	0.11
RRUS 8843 B2/B66A	B	From	4.00	0.0000	145.00	No Ice	1.64	1.35	0.07
		Centroid-Le	0.00			1/2" Ice	1.80	1.50	0.09
		g	0.00			1" Ice	1.97	1.65	0.11
RRUS 8843 B2/B66A	C	From	4.00	0.0000	145.00	No Ice	1.64	1.35	0.07
		Centroid-Le	0.00			1/2" Ice	1.80	1.50	0.09
		g	0.00			1" Ice	1.97	1.65	0.11
RRUS 4449 B5/B12	A	From	4.00	0.0000	145.00	No Ice	1.97	1.41	0.07
		Centroid-Le	0.00			1/2" Ice	2.14	1.56	0.09
		g	0.00			1" Ice	2.33	1.73	0.11
RRUS 4449 B5/B12	B	From	4.00	0.0000	145.00	No Ice	1.97	1.41	0.07
		Centroid-Le	0.00			1/2" Ice	2.14	1.56	0.09
		g	0.00			1" Ice	2.33	1.73	0.11

tnxTower Tower Engineering Professionals 326 Tryon Road Raleigh, NC 27603 Phone: (919) 661-6351 FAX: (919) 661-6350	Job	HRT 107 (C) 943204 (BU 806366)	Page	9 of 19
	Project	TEP No. 217470.929872	Date	11:48:16 02/16/24
	Client	Crown Castle	Designed by	cdcrook

Description	Face or Leg	Offset Type	Offsets:		Azimuth Adjustment	Placement	C _{AA}		Weight	
			Horz	Vert			Front	Side		
			ft	ft	°	ft	ft ²	ft ²	K	
RRUS 4449 B5/B12	C	From	4.00	0.0000		145.00	No Ice	1.97	1.41	0.07
		Centroid-Le	0.00				1/2" Ice	2.14	1.56	0.09
		g	0.00				1" Ice	2.33	1.73	0.11
RRUS 32 B30	A	From	4.00	0.0000		145.00	No Ice	2.73	1.67	0.05
		Centroid-Le	0.00				1/2" Ice	2.95	1.86	0.07
		g	0.00				1" Ice	3.18	2.05	0.10
RRUS 32 B30	B	From	4.00	0.0000		145.00	No Ice	2.73	1.67	0.05
		Centroid-Le	0.00				1/2" Ice	2.95	1.86	0.07
		g	0.00				1" Ice	3.18	2.05	0.10
RRUS 32 B30	C	From	4.00	0.0000		145.00	No Ice	2.73	1.67	0.05
		Centroid-Le	0.00				1/2" Ice	2.95	1.86	0.07
		g	0.00				1" Ice	3.18	2.05	0.10
2.4" Dia x 6-ft Pipe	A	From	4.00	0.0000		145.00	No Ice	1.43	1.43	0.02
		Centroid-Le	0.00				1/2" Ice	1.93	1.93	0.03
		g	0.00				1" Ice	2.30	2.30	0.05
2.4" Dia x 6-ft Pipe	B	From	4.00	0.0000		145.00	No Ice	1.43	1.43	0.02
		Centroid-Le	0.00				1/2" Ice	1.93	1.93	0.03
		g	0.00				1" Ice	2.30	2.30	0.05
2.4" Dia x 6-ft Pipe	C	From	4.00	0.0000		145.00	No Ice	1.43	1.43	0.02
		Centroid-Le	0.00				1/2" Ice	1.93	1.93	0.03
		g	0.00				1" Ice	2.30	2.30	0.05
Platform Mount [LP 603-1] (16-ft)	C	None		0.0000		145.00	No Ice	46.42	46.42	2.35
							1/2" Ice	54.03	54.03	3.19
							1" Ice	62.40	62.40	4.17
135										
130										
APXVAALL24_43-U-NA20_TMO w/ Mount Pipe	A	From	4.00	0.0000		130.00	No Ice	14.69	6.87	0.18
		Centroid-Le	0.00				1/2" Ice	15.46	7.55	0.31
		g	1.00				1" Ice	16.23	8.25	0.45
APXVAALL24_43-U-NA20_TMO w/ Mount Pipe	B	From	4.00	0.0000		130.00	No Ice	14.69	6.87	0.18
		Centroid-Le	0.00				1/2" Ice	15.46	7.55	0.31
		g	1.00				1" Ice	16.23	8.25	0.45
APXVAALL24_43-U-NA20_TMO w/ Mount Pipe	C	From	4.00	0.0000		130.00	No Ice	14.69	6.87	0.18
		Centroid-Le	0.00				1/2" Ice	15.46	7.55	0.31
		g	1.00				1" Ice	16.23	8.25	0.45
VV-65A-R1_TMO w/ Mount Pipe	A	From	4.00	0.0000		130.00	No Ice	4.46	2.69	0.05
		Centroid-Le	0.00				1/2" Ice	4.91	3.10	0.10
		g	1.00				1" Ice	5.36	3.52	0.15
VV-65A-R1_TMO w/ Mount Pipe	B	From	4.00	0.0000		130.00	No Ice	4.46	2.69	0.05
		Centroid-Le	0.00				1/2" Ice	4.91	3.10	0.10
		g	1.00				1" Ice	5.36	3.52	0.15
VV-65A-R1_TMO w/ Mount Pipe	C	From	4.00	0.0000		130.00	No Ice	4.46	2.69	0.05
		Centroid-Le	0.00				1/2" Ice	4.91	3.10	0.10
		g	1.00				1" Ice	5.36	3.52	0.15
AIR 6419 B41_TMO_CCIV2 w/ Mount Pipe	A	From	4.00	0.0000		130.00	No Ice	5.79	2.97	0.10
		Centroid-Le	0.00				1/2" Ice	6.24	3.34	0.14
		g	1.00				1" Ice	6.71	3.73	0.19
AIR 6419 B41_TMO_CCIV2 w/ Mount Pipe	B	From	4.00	0.0000		130.00	No Ice	5.79	2.97	0.10
		Centroid-Le	0.00				1/2" Ice	6.24	3.34	0.14
		g	1.00				1" Ice	6.71	3.73	0.19
AIR 6419 B41_TMO_CCIV2 w/ Mount Pipe	C	From	4.00	0.0000		130.00	No Ice	5.79	2.97	0.10
		Centroid-Le	0.00				1/2" Ice	6.24	3.34	0.14
		g	1.00				1" Ice	6.71	3.73	0.19
RADIO 4460 B2/B25 B66_TMO	A	From	4.00	0.0000		130.00	No Ice	2.14	1.69	0.11
		Centroid-Le	0.00				1/2" Ice	2.32	1.85	0.13
		g	1.00				1" Ice	2.51	2.02	0.16
RADIO 4460 B2/B25	B	From	4.00	0.0000		130.00	No Ice	2.14	1.69	0.11

tnxTower Tower Engineering Professionals 326 Tryon Road Raleigh, NC 27603 Phone: (919) 661-6351 FAX: (919) 661-6350	Job	HRT 107 (C) 943204 (BU 806366)	Page	10 of 19
	Project	TEP No. 217470.929872	Date	11:48:16 02/16/24
	Client	Crown Castle	Designed by	cdcrook

Description	Face or Leg	Offset Type	Offsets:		Azimuth Adjustment	Placement	CAAA		Weight
			Horz	Vert			Front	Side	
			ft	ft	°	ft	ft ²	ft ²	K
B66_TMO		Centroid-Le	0.00			1/2" Ice	2.32	1.85	0.13
		g	1.00			1" Ice	2.51	2.02	0.16
RADIO 4460 B2/B25	C	From	4.00	0.0000	130.00	No Ice	2.14	1.69	0.11
B66_TMO		Centroid-Le	0.00			1/2" Ice	2.32	1.85	0.13
		g	1.00			1" Ice	2.51	2.02	0.16
Radio 4480_TMOV2	A	From	4.00	0.0000	130.00	No Ice	2.88	1.40	0.08
		Centroid-Le	0.00			1/2" Ice	3.09	1.56	0.10
		g	1.00			1" Ice	3.31	1.73	0.13
Radio 4480_TMOV2	B	From	4.00	0.0000	130.00	No Ice	2.88	1.40	0.08
		Centroid-Le	0.00			1/2" Ice	3.09	1.56	0.10
		g	1.00			1" Ice	3.31	1.73	0.13
Radio 4480_TMOV2	C	From	4.00	0.0000	130.00	No Ice	2.88	1.40	0.08
		Centroid-Le	0.00			1/2" Ice	3.09	1.56	0.10
		g	1.00			1" Ice	3.31	1.73	0.13
2.4" Dia x 8-ft Mount Pipe	A	From	4.00	0.0000	130.00	No Ice	1.90	1.90	0.03
		Centroid-Le	0.00			1/2" Ice	2.73	2.73	0.04
		g	0.00			1" Ice	3.40	3.40	0.06
2.4" Dia x 8-ft Mount Pipe	B	From	4.00	0.0000	130.00	No Ice	1.90	1.90	0.03
		Centroid-Le	0.00			1/2" Ice	2.73	2.73	0.04
		g	0.00			1" Ice	3.40	3.40	0.06
2.4" Dia x 8-ft Mount Pipe	C	From	4.00	0.0000	130.00	No Ice	1.90	1.90	0.03
		Centroid-Le	0.00			1/2" Ice	2.73	2.73	0.04
		g	0.00			1" Ice	3.40	3.40	0.06
Commscope MC-PK10-C Mount	C	None		0.0000	130.00	No Ice	17.09	17.09	1.50
						1/2" Ice	21.47	21.47	1.88
						1" Ice	25.72	25.72	2.35
113									
MX08FRO665-21 w/ Mount Pipe	A	From	4.00	0.0000	113.00	No Ice	8.01	4.23	0.11
		Centroid-Le	0.00			1/2" Ice	8.52	4.69	0.19
		g	2.00			1" Ice	9.04	5.16	0.29
MX08FRO665-21 w/ Mount Pipe	B	From	4.00	0.0000	113.00	No Ice	8.01	4.23	0.11
		Centroid-Le	0.00			1/2" Ice	8.52	4.69	0.19
		g	2.00			1" Ice	9.04	5.16	0.29
MX08FRO665-21 w/ Mount Pipe	C	From	4.00	0.0000	113.00	No Ice	8.01	4.23	0.11
		Centroid-Le	0.00			1/2" Ice	8.52	4.69	0.19
		g	2.00			1" Ice	9.04	5.16	0.29
ANT 150Y7-WR	A	From	4.00	0.0000	113.00	No Ice	1.00	1.00	0.02
		Centroid-Le	0.00			1/2" Ice	1.00	1.00	0.01
		g	2.00			1" Ice	0.24	0.24	0.01
CO-41A	A	From	4.00	0.0000	113.00	No Ice	3.15	3.15	0.01
		Centroid-Le	0.00			1/2" Ice	4.38	4.38	0.04
		g	12.00			1" Ice	5.63	5.63	0.07
CO-41A	B	From	4.00	0.0000	113.00	No Ice	3.15	3.15	0.01
		Centroid-Le	0.00			1/2" Ice	4.38	4.38	0.04
		g	-1.00			1" Ice	5.63	5.63	0.07
DB404-B w/ Mount Pipe	B	From	4.00	0.0000	113.00	No Ice	4.13	4.13	0.05
		Centroid-Le	0.00			1/2" Ice	5.67	5.67	0.10
		g	7.00			1" Ice	6.38	6.38	0.16
TA08025-B604	A	From	4.00	0.0000	113.00	No Ice	1.96	0.98	0.06
		Centroid-Le	0.00			1/2" Ice	2.14	1.11	0.08
		g	2.00			1" Ice	2.32	1.25	0.10
TA08025-B604	B	From	4.00	0.0000	113.00	No Ice	1.96	0.98	0.06
		Centroid-Le	0.00			1/2" Ice	2.14	1.11	0.08
		g	2.00			1" Ice	2.32	1.25	0.10
TA08025-B604	C	From	4.00	0.0000	113.00	No Ice	1.96	0.98	0.06
		Centroid-Le	0.00			1/2" Ice	2.14	1.11	0.08
		g	2.00			1" Ice	2.32	1.25	0.10

tnxTower Tower Engineering Professionals 326 Tryon Road Raleigh, NC 27603 Phone: (919) 661-6351 FAX: (919) 661-6350	Job	HRT 107 (C) 943204 (BU 806366)	Page	11 of 19
	Project	TEP No. 217470.929872	Date	11:48:16 02/16/24
	Client	Crown Castle	Designed by	cdcrook

Description	Face or Leg	Offset Type	Offsets:		Azimuth Adjustment	Placement	C _{AA} Front	C _{AA} Side	Weight
			Horz	Vert					
			Lateral		°	ft	ft ²	ft ²	K
			ft	ft					
TA08025-B605	A	From	4.00	0.0000	113.00	No Ice	1.96	1.13	0.08
		Centroid-Le	0.00			1/2" Ice	2.14	1.27	0.09
		g	2.00			1" Ice	2.32	1.41	0.11
TA08025-B605	B	From	4.00	0.0000	113.00	No Ice	1.96	1.13	0.08
		Centroid-Le	0.00			1/2" Ice	2.14	1.27	0.09
		g	2.00			1" Ice	2.32	1.41	0.11
TA08025-B605	C	From	4.00	0.0000	113.00	No Ice	1.96	1.13	0.08
		Centroid-Le	0.00			1/2" Ice	2.14	1.27	0.09
		g	2.00			1" Ice	2.32	1.41	0.11
RDIDC-9181-PF-48	A	From	4.00	0.0000	113.00	No Ice	2.01	1.17	0.02
		Centroid-Le	0.00			1/2" Ice	2.19	1.31	0.04
		g	2.00			1" Ice	2.37	1.46	0.06
(2) 2.4" Dia x 8-ft Mount Pipe	A	From	4.00	0.0000	113.00	No Ice	1.90	1.90	0.03
		Centroid-Le	0.00			1/2" Ice	2.73	2.73	0.04
		g	0.00			1" Ice	3.40	3.40	0.06
(2) 2.4" Dia x 8-ft Mount Pipe	B	From	4.00	0.0000	113.00	No Ice	1.90	1.90	0.03
		Centroid-Le	0.00			1/2" Ice	2.73	2.73	0.04
		g	0.00			1" Ice	3.40	3.40	0.06
(2) 2.4" Dia x 8-ft Mount Pipe	C	From	4.00	0.0000	113.00	No Ice	1.90	1.90	0.03
		Centroid-Le	0.00			1/2" Ice	2.73	2.73	0.04
		g	0.00			1" Ice	3.40	3.40	0.06
Commscope MC-PK8-DSH	C	None		0.0000	113.00	No Ice	34.24	34.24	1.75
						1/2" Ice	62.95	62.95	2.10
						1" Ice	91.66	91.66	2.45
100									

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

tnxTower Tower Engineering Professionals 326 Tryon Road Raleigh, NC 27603 Phone: (919) 661-6351 FAX: (919) 661-6350	Job HRT 107 (C) 943204 (BU 806366)	Page 12 of 19
	Project TEP No. 217470.929872	Date 11:48:16 02/16/24
	Client Crown Castle	Designed by cdcrook

Comb. No.	Description
20	1.2 Dead+1.0 Wind 270 deg - No Ice
21	0.9 Dead+1.0 Wind 270 deg - No Ice
22	1.2 Dead+1.0 Wind 300 deg - No Ice
23	0.9 Dead+1.0 Wind 300 deg - No Ice
24	1.2 Dead+1.0 Wind 330 deg - No Ice
25	0.9 Dead+1.0 Wind 330 deg - No Ice
26	1.2 Dead+1.0 Ice+1.0 Temp
27	1.2 Dead+1.0 Wind 0 deg+1.0 Ice+1.0 Temp
28	1.2 Dead+1.0 Wind 30 deg+1.0 Ice+1.0 Temp
29	1.2 Dead+1.0 Wind 60 deg+1.0 Ice+1.0 Temp
30	1.2 Dead+1.0 Wind 90 deg+1.0 Ice+1.0 Temp
31	1.2 Dead+1.0 Wind 120 deg+1.0 Ice+1.0 Temp
32	1.2 Dead+1.0 Wind 150 deg+1.0 Ice+1.0 Temp
33	1.2 Dead+1.0 Wind 180 deg+1.0 Ice+1.0 Temp
34	1.2 Dead+1.0 Wind 210 deg+1.0 Ice+1.0 Temp
35	1.2 Dead+1.0 Wind 240 deg+1.0 Ice+1.0 Temp
36	1.2 Dead+1.0 Wind 270 deg+1.0 Ice+1.0 Temp
37	1.2 Dead+1.0 Wind 300 deg+1.0 Ice+1.0 Temp
38	1.2 Dead+1.0 Wind 330 deg+1.0 Ice+1.0 Temp
39	Dead+Wind 0 deg - Service
40	Dead+Wind 30 deg - Service
41	Dead+Wind 60 deg - Service
42	Dead+Wind 90 deg - Service
43	Dead+Wind 120 deg - Service
44	Dead+Wind 150 deg - Service
45	Dead+Wind 180 deg - Service
46	Dead+Wind 210 deg - Service
47	Dead+Wind 240 deg - Service
48	Dead+Wind 270 deg - Service
49	Dead+Wind 300 deg - Service
50	Dead+Wind 330 deg - Service

Maximum Member Forces

Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial K	Major Axis Moment kip-ft	Minor Axis Moment kip-ft
L1	155.5 - 110	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-40.74	0.19	0.80
			Max. Mx	20	-25.82	664.31	0.21
			Max. My	2	-25.82	0.03	669.11
			Max. Vy	20	-25.47	664.31	0.21
			Max. Vx	2	-25.58	0.03	669.11
			Max. Torque	25			-0.90
L2	110 - 72.5	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-67.11	-0.04	1.23
			Max. Mx	20	-46.54	1875.14	0.43
			Max. My	2	-46.53	0.02	1885.41
			Max. Vy	20	-37.18	1875.14	0.43
			Max. Vx	2	-37.32	0.02	1885.41
			Max. Torque	22			-1.37
L3	72.5 - 36	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-91.61	0.66	1.63
			Max. Mx	20	-67.48	3350.69	0.60
			Max. My	2	-67.47	0.31	3366.02
			Max. Vy	20	-44.52	3350.69	0.60
			Max. Vx	2	-44.67	0.31	3366.02
			Max. Torque	22			-1.37
L4	36 - 0	Pole	Max Tension	1	0.00	0.00	0.00

tnxTower Tower Engineering Professionals 326 Tryon Road Raleigh, NC 27603 Phone: (919) 661-6351 FAX: (919) 661-6350	Job	HRT 107 (C) 943204 (BU 806366)	Page	13 of 19
	Project	TEP No. 217470.929872	Date	11:48:16 02/16/24
	Client	Crown Castle	Designed by	cdcrook

Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial K	Major Axis Moment kip-ft	Minor Axis Moment kip-ft
			Max. Compression	26	-123.25	1.50	2.12
			Max. M _x	20	-95.34	5527.70	0.82
			Max. M _y	2	-95.34	0.68	5549.28
			Max. V _y	20	-51.96	5527.70	0.82
			Max. V _x	2	-52.10	0.68	5549.28
			Max. Torque	22			-1.37

Maximum Reactions

Location	Condition	Gov. Load Comb.	Vertical K	Horizontal, X K	Horizontal, Z K
Pole	Max. Vert	26	123.25	0.00	0.00
	Max. H _x	20	95.35	51.93	0.00
	Max. H _z	2	95.35	0.00	52.07
	Max. M _x	2	5549.28	0.00	52.07
	Max. M _z	8	5526.34	-51.93	0.00
	Max. Torsion	10	1.37	-44.97	-26.04
	Min. Vert	11	71.51	-44.97	-26.04
	Min. H _x	8	95.35	-51.93	0.00
	Min. H _z	14	95.35	0.00	-52.07
	Min. M _x	14	-5547.65	0.00	-52.07
	Min. M _z	20	-5527.70	51.93	0.00
	Min. Torsion	22	-1.37	44.97	26.04

Tower Mast Reaction Summary

Load Combination	Vertical K	Shear _x K	Shear _z K	Overturning Moment, M _x kip-ft	Overturning Moment, M _z kip-ft	Torque kip-ft
Dead Only	79.46	0.00	0.00	-0.67	0.56	0.00
1.2 Dead+1.0 Wind 0 deg - No Ice	95.35	0.00	-52.07	-5549.28	0.68	0.87
0.9 Dead+1.0 Wind 0 deg - No Ice	71.51	0.00	-52.07	-5524.86	0.51	0.87
1.2 Dead+1.0 Wind 30 deg - No Ice	95.35	25.97	-45.09	-4805.93	-2762.83	0.22
0.9 Dead+1.0 Wind 30 deg - No Ice	71.51	25.97	-45.09	-4784.75	-2750.95	0.22
1.2 Dead+1.0 Wind 60 deg - No Ice	95.35	44.97	-26.04	-2775.05	-4785.86	-0.50
0.9 Dead+1.0 Wind 60 deg - No Ice	71.51	44.97	-26.04	-2762.74	-4765.15	-0.50
1.2 Dead+1.0 Wind 90 deg - No Ice	95.35	51.93	0.00	-0.82	-5526.34	-1.08
0.9 Dead+1.0 Wind 90 deg - No Ice	71.51	51.93	0.00	-0.61	-5502.40	-1.07
1.2 Dead+1.0 Wind 120 deg - No Ice	95.35	44.97	26.04	2773.42	-4785.86	-1.37
0.9 Dead+1.0 Wind 120 deg - No Ice	71.51	44.97	26.04	2761.52	-4765.15	-1.37
1.2 Dead+1.0 Wind 150 deg - No Ice	95.35	25.97	45.09	4804.30	-2762.83	-1.29

<p>tnxTower</p> <p><i>Tower Engineering Professionals</i> 326 Tryon Road Raleigh, NC 27603 Phone: (919) 661-6351 FAX: (919) 661-6350</p>	Job HRT 107 (C) 943204 (BU 806366)	Page 14 of 19
	Project TEP No. 217470.929872	Date 11:48:16 02/16/24
	Client Crown Castle	Designed by cdcrook

Load Combination	Vertical K	Shear _x K	Shear _z K	Overturning Moment, M _x kip-ft	Overturning Moment, M _z kip-ft	Torque kip-ft
0.9 Dead+1.0 Wind 150 deg - No Ice	71.51	25.97	45.09	4783.53	-2750.94	-1.29
1.2 Dead+1.0 Wind 180 deg - No Ice	95.35	0.00	52.07	5547.65	0.68	-0.87
0.9 Dead+1.0 Wind 180 deg - No Ice	71.51	0.00	52.07	5523.64	0.51	-0.87
1.2 Dead+1.0 Wind 210 deg - No Ice	95.35	-25.97	45.09	4804.30	2764.19	-0.22
0.9 Dead+1.0 Wind 210 deg - No Ice	71.51	-25.97	45.09	4783.53	2751.96	-0.22
1.2 Dead+1.0 Wind 240 deg - No Ice	95.35	-44.97	26.04	2773.42	4787.22	0.49
0.9 Dead+1.0 Wind 240 deg - No Ice	71.51	-44.97	26.04	2761.52	4766.16	0.49
1.2 Dead+1.0 Wind 270 deg - No Ice	95.35	-51.93	0.00	-0.82	5527.70	1.08
0.9 Dead+1.0 Wind 270 deg - No Ice	71.51	-51.93	0.00	-0.61	5503.42	1.07
1.2 Dead+1.0 Wind 300 deg - No Ice	95.35	-44.97	-26.04	-2775.05	4787.22	1.37
0.9 Dead+1.0 Wind 300 deg - No Ice	71.51	-44.97	-26.04	-2762.73	4766.17	1.37
1.2 Dead+1.0 Wind 330 deg - No Ice	95.35	-25.97	-45.09	-4805.93	2764.19	1.30
0.9 Dead+1.0 Wind 330 deg - No Ice	71.51	-25.97	-45.09	-4784.75	2751.96	1.30
1.2 Dead+1.0 Ice+1.0 Temp	123.25	0.00	0.00	-2.12	1.50	0.00
1.2 Dead+1.0 Wind 0 deg+1.0 Ice+1.0 Temp	123.25	-0.00	-10.34	-1119.29	1.53	0.21
1.2 Dead+1.0 Wind 30 deg+1.0 Ice+1.0 Temp	123.25	5.16	-8.95	-969.62	-555.33	0.09
1.2 Dead+1.0 Wind 60 deg+1.0 Ice+1.0 Temp	123.25	8.93	-5.17	-560.74	-962.98	-0.05
1.2 Dead+1.0 Wind 90 deg+1.0 Ice+1.0 Temp	123.25	10.32	-0.00	-2.19	-1112.19	-0.18
1.2 Dead+1.0 Wind 120 deg+1.0 Ice+1.0 Temp	123.25	8.93	5.17	556.36	-962.98	-0.26
1.2 Dead+1.0 Wind 150 deg+1.0 Ice+1.0 Temp	123.25	5.16	8.95	965.25	-555.33	-0.27
1.2 Dead+1.0 Wind 180 deg+1.0 Ice+1.0 Temp	123.25	-0.00	10.34	1114.91	1.53	-0.21
1.2 Dead+1.0 Wind 210 deg+1.0 Ice+1.0 Temp	123.25	-5.16	8.95	965.25	558.39	-0.09
1.2 Dead+1.0 Wind 240 deg+1.0 Ice+1.0 Temp	123.25	-8.93	5.17	556.36	966.04	0.05
1.2 Dead+1.0 Wind 270 deg+1.0 Ice+1.0 Temp	123.25	-10.32	-0.00	-2.19	1115.25	0.18
1.2 Dead+1.0 Wind 300 deg+1.0 Ice+1.0 Temp	123.25	-8.93	-5.17	-560.74	966.04	0.26
1.2 Dead+1.0 Wind 330 deg+1.0 Ice+1.0 Temp	123.25	-5.16	-8.95	-969.62	558.39	0.27
Dead+Wind 0 deg - Service	79.46	0.00	-10.45	-1111.60	0.56	0.19
Dead+Wind 30 deg - Service	79.46	5.21	-9.05	-962.77	-552.75	0.06
Dead+Wind 60 deg - Service	79.46	9.03	-5.23	-556.14	-957.81	-0.09
Dead+Wind 90 deg - Service	79.46	10.43	0.00	-0.68	-1106.07	-0.21
Dead+Wind 120 deg - Service	79.46	9.03	5.23	554.78	-957.81	-0.27
Dead+Wind 150 deg - Service	79.46	5.21	9.05	961.41	-552.75	-0.27
Dead+Wind 180 deg - Service	79.46	0.00	10.45	1110.24	0.56	-0.19
Dead+Wind 210 deg - Service	79.46	-5.21	9.05	961.41	553.88	-0.06
Dead+Wind 240 deg - Service	79.46	-9.03	5.23	554.78	958.94	0.09
Dead+Wind 270 deg - Service	79.46	-10.43	0.00	-0.68	1107.20	0.21

tnxTower Tower Engineering Professionals 326 Tryon Road Raleigh, NC 27603 Phone: (919) 661-6351 FAX: (919) 661-6350	Job HRT 107 (C) 943204 (BU 806366)	Page 15 of 19
	Project TEP No. 217470.929872	Date 11:48:16 02/16/24
	Client Crown Castle	Designed by cdcrook

Load Combination	Vertical K	Shear _x K	Shear _z K	Overturning Moment, M _x kip-ft	Overturning Moment, M _z kip-ft	Torque kip-ft
Dead+Wind 300 deg - Service	79.46	-9.03	-5.23	-556.14	958.94	0.27
Dead+Wind 330 deg - Service	79.46	-5.21	-9.05	-962.77	553.88	0.27

Solution Summary

Load Comb.	Sum of Applied Forces			Sum of Reactions			% Error
	PX K	PY K	PZ K	PX K	PY K	PZ K	
1	0.00	-79.46	0.00	0.00	79.46	0.00	0.000%
2	0.00	-95.35	-52.07	0.00	95.35	52.07	0.000%
3	0.00	-71.51	-52.07	0.00	71.51	52.07	0.000%
4	25.97	-95.35	-45.09	-25.97	95.35	45.09	0.000%
5	25.97	-71.51	-45.09	-25.97	71.51	45.09	0.000%
6	44.97	-95.35	-26.04	-44.97	95.35	26.04	0.000%
7	44.97	-71.51	-26.04	-44.97	71.51	26.04	0.000%
8	51.93	-95.35	0.00	-51.93	95.35	0.00	0.000%
9	51.93	-71.51	0.00	-51.93	71.51	0.00	0.000%
10	44.97	-95.35	26.04	-44.97	95.35	-26.04	0.000%
11	44.97	-71.51	26.04	-44.97	71.51	-26.04	0.000%
12	25.97	-95.35	45.09	-25.97	95.35	-45.09	0.000%
13	25.97	-71.51	45.09	-25.97	71.51	-45.09	0.000%
14	0.00	-95.35	52.07	0.00	95.35	-52.07	0.000%
15	0.00	-71.51	52.07	0.00	71.51	-52.07	0.000%
16	-25.97	-95.35	45.09	25.97	95.35	-45.09	0.000%
17	-25.97	-71.51	45.09	25.97	71.51	-45.09	0.000%
18	-44.97	-95.35	26.04	44.97	95.35	-26.04	0.000%
19	-44.97	-71.51	26.04	44.97	71.51	-26.04	0.000%
20	-51.93	-95.35	0.00	51.93	95.35	0.00	0.000%
21	-51.93	-71.51	0.00	51.93	71.51	0.00	0.000%
22	-44.97	-95.35	-26.04	44.97	95.35	26.04	0.000%
23	-44.97	-71.51	-26.04	44.97	71.51	26.04	0.000%
24	-25.97	-95.35	-45.09	25.97	95.35	45.09	0.000%
25	-25.97	-71.51	-45.09	25.97	71.51	45.09	0.000%
26	0.00	-123.25	0.00	0.00	123.25	0.00	0.000%
27	0.00	-123.25	-10.34	0.00	123.25	10.34	0.000%
28	5.16	-123.25	-8.95	-5.16	123.25	8.95	0.000%
29	8.93	-123.25	-5.17	-8.93	123.25	5.17	0.000%
30	10.32	-123.25	0.00	-10.32	123.25	0.00	0.000%
31	8.93	-123.25	5.17	-8.93	123.25	-5.17	0.000%
32	5.16	-123.25	8.95	-5.16	123.25	-8.95	0.000%
33	0.00	-123.25	10.34	0.00	123.25	-10.34	0.000%
34	-5.16	-123.25	8.95	5.16	123.25	-8.95	0.000%
35	-8.93	-123.25	5.17	8.93	123.25	-5.17	0.000%
36	-10.32	-123.25	0.00	10.32	123.25	0.00	0.000%
37	-8.93	-123.25	-5.17	8.93	123.25	5.17	0.000%
38	-5.16	-123.25	-8.95	5.16	123.25	8.95	0.000%
39	0.00	-79.46	-10.45	0.00	79.46	10.45	0.000%
40	5.21	-79.46	-9.05	-5.21	79.46	9.05	0.000%
41	9.03	-79.46	-5.23	-9.03	79.46	5.23	0.000%
42	10.43	-79.46	0.00	-10.43	79.46	0.00	0.000%
43	9.03	-79.46	5.23	-9.03	79.46	-5.23	0.000%
44	5.21	-79.46	9.05	-5.21	79.46	-9.05	0.000%
45	0.00	-79.46	10.45	0.00	79.46	-10.45	0.000%
46	-5.21	-79.46	9.05	5.21	79.46	-9.05	0.000%
47	-9.03	-79.46	5.23	9.03	79.46	-5.23	0.000%
48	-10.43	-79.46	0.00	10.43	79.46	0.00	0.000%
49	-9.03	-79.46	-5.23	9.03	79.46	5.23	0.000%
50	-5.21	-79.46	-9.05	5.21	79.46	9.05	0.000%

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	Project TEP No. 217470.929872	Date 11:48:16 02/16/24
	Client Crown Castle	Designed by cdcrook

Non-Linear Convergence Results

<i>Load Combination</i>	<i>Converged?</i>	<i>Number of Cycles</i>	<i>Displacement Tolerance</i>	<i>Force Tolerance</i>
1	Yes	4	0.00000001	0.00000001
2	Yes	4	0.00000001	0.00006937
3	Yes	4	0.00000001	0.00003682
4	Yes	4	0.00000001	0.00063634
5	Yes	4	0.00000001	0.00041685
6	Yes	4	0.00000001	0.00064064
7	Yes	4	0.00000001	0.00041990
8	Yes	4	0.00000001	0.00007260
9	Yes	4	0.00000001	0.00003961
10	Yes	4	0.00000001	0.00061474
11	Yes	4	0.00000001	0.00040211
12	Yes	4	0.00000001	0.00065220
13	Yes	4	0.00000001	0.00042789
14	Yes	4	0.00000001	0.00006934
15	Yes	4	0.00000001	0.00003681
16	Yes	4	0.00000001	0.00063140
17	Yes	4	0.00000001	0.00041345
18	Yes	4	0.00000001	0.00062546
19	Yes	4	0.00000001	0.00040949
20	Yes	4	0.00000001	0.00007261
21	Yes	4	0.00000001	0.00003962
22	Yes	4	0.00000001	0.00065318
23	Yes	4	0.00000001	0.00042854
24	Yes	4	0.00000001	0.00061733
25	Yes	4	0.00000001	0.00040366
26	Yes	4	0.00000001	0.00000001
27	Yes	4	0.00000001	0.00052555
28	Yes	4	0.00000001	0.00053174
29	Yes	4	0.00000001	0.00053024
30	Yes	4	0.00000001	0.00052194
31	Yes	4	0.00000001	0.00052876
32	Yes	4	0.00000001	0.00052941
33	Yes	4	0.00000001	0.00052289
34	Yes	4	0.00000001	0.00052989
35	Yes	4	0.00000001	0.00052961
36	Yes	4	0.00000001	0.00052289
37	Yes	4	0.00000001	0.00053110
38	Yes	4	0.00000001	0.00053223
39	Yes	4	0.00000001	0.00001101
40	Yes	4	0.00000001	0.00001473
41	Yes	4	0.00000001	0.00001476
42	Yes	4	0.00000001	0.00001098
43	Yes	4	0.00000001	0.00001446
44	Yes	4	0.00000001	0.00001499
45	Yes	4	0.00000001	0.00001100
46	Yes	4	0.00000001	0.00001462
47	Yes	4	0.00000001	0.00001456
48	Yes	4	0.00000001	0.00001099
49	Yes	4	0.00000001	0.00001502
50	Yes	4	0.00000001	0.00001452

tnxTower Tower Engineering Professionals 326 Tryon Road Raleigh, NC 27603 Phone: (919) 661-6351 FAX: (919) 661-6350	Job HRT 107 (C) 943204 (BU 806366)	Page 17 of 19
	Project TEP No. 217470.929872	Date 11:48:16 02/16/24
	Client Crown Castle	Designed by cdcrook

Maximum Tower Deflections - Service Wind

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
L1	155.5 - 110	5.780	39	0.2658	0.0002
L2	118 - 72.5	3.734	39	0.2491	0.0002
L3	81 - 36	1.957	39	0.2000	0.0001
L4	45 - 0	0.680	39	0.1281	0.0000

Critical Deflections and Radius of Curvature - Service Wind

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection in	Tilt °	Twist °	Radius of Curvature ft
159.00	LNx-8513DS-VTM w/ Mount Pipe	39	5.780	0.2658	0.0002	479077
145.00	7770.00 w/ Mount Pipe	39	5.196	0.2631	0.0002	228132
130.00	APXVAALL24_43-U-NA20_TMO w/ Mount Pipe	39	4.373	0.2572	0.0002	93937
113.00	MX08FRO665-21 w/ Mount Pipe	39	3.476	0.2444	0.0002	59137

Maximum Tower Deflections - Design Wind

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
L1	155.5 - 110	28.863	2	1.3274	0.0011
L2	118 - 72.5	18.649	2	1.2439	0.0008
L3	81 - 36	9.773	2	0.9987	0.0005
L4	45 - 0	3.396	2	0.6395	0.0002

Critical Deflections and Radius of Curvature - Design Wind

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection in	Tilt °	Twist °	Radius of Curvature ft
159.00	LNx-8513DS-VTM w/ Mount Pipe	2	28.863	1.3274	0.0011	96110
145.00	7770.00 w/ Mount Pipe	2	25.946	1.3138	0.0010	45767
130.00	APXVAALL24_43-U-NA20_TMO w/ Mount Pipe	2	21.837	1.2845	0.0009	18844
113.00	MX08FRO665-21 w/ Mount Pipe	2	17.357	1.2206	0.0008	11860

Compression Checks

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	Project TEP No. 217470.929872	Date 11:48:16 02/16/24
	Client Crown Castle	Designed by cdcrook

Pole Design Data

Section No.	Elevation ft	Size	L ft	L _u ft	Kl/r	A in ²	P _u K	φP _n K	Ratio $\frac{P_u}{\phi P_n}$
L1	155.5 - 110 (1)	TP64.606x58.6x0.375	45.50	0.00	0.0	76.2838	-25.82	3888.78	0.007
L2	110 - 72.5 (2)	TP68.805x62.8x0.4375	45.50	0.00	0.0	94.7324	-46.53	5197.13	0.009
L3	72.5 - 36 (3)	TP72.748x66.8082x0.5	45.00	0.00	0.0	114.407 0	-67.47	6625.14	0.010
L4	36 - 0 (4)	TP76.5x70.56x0.5	45.00	0.00	0.0	122.360 0	-95.34	6767.68	0.014

Pole Bending Design Data

Section No.	Elevation ft	Size	M _{ux} kip-ft	φM _{ux} kip-ft	Ratio $\frac{M_{ux}}{\phi M_{ux}}$	M _{uy} kip-ft	φM _{uy} kip-ft	Ratio $\frac{M_{uy}}{\phi M_{uy}}$
L1	155.5 - 110 (1)	TP64.606x58.6x0.375	669.11	5014.91	0.133	0.00	5014.91	0.000
L2	110 - 72.5 (2)	TP68.805x62.8x0.4375	1885.41	7129.95	0.264	0.00	7129.95	0.000
L3	72.5 - 36 (3)	TP72.748x66.8082x0.5	3366.02	9599.50	0.351	0.00	9599.50	0.000
L4	36 - 0 (4)	TP76.5x70.56x0.5	5549.28	10492.50	0.529	0.00	10492.50	0.000

Pole Shear Design Data

Section No.	Elevation ft	Size	Actual V _u K	φV _n K	Ratio $\frac{V_u}{\phi V_n}$	Actual T _u kip-ft	φT _n kip-ft	Ratio $\frac{T_u}{\phi T_n}$
L1	155.5 - 110 (1)	TP64.606x58.6x0.375	25.58	1338.78	0.019	0.00	7439.68	0.000
L2	110 - 72.5 (2)	TP68.805x62.8x0.4375	37.32	1662.55	0.022	0.87	9834.25	0.000
L3	72.5 - 36 (3)	TP72.748x66.8082x0.5	44.67	2002.14	0.022	0.87	12550.25	0.000
L4	36 - 0 (4)	TP76.5x70.56x0.5	52.10	2147.42	0.024	0.87	14355.92	0.000

Pole Interaction Design Data

Section No.	Elevation ft	Ratio $\frac{P_u}{\phi P_n}$	Ratio $\frac{M_{ux}}{\phi M_{ux}}$	Ratio $\frac{M_{uy}}{\phi M_{uy}}$	Ratio $\frac{V_u}{\phi V_n}$	Ratio $\frac{T_u}{\phi T_n}$	Comb. Stress Ratio	Allow. Stress Ratio	Criteria
L1	155.5 - 110 (1)	0.007	0.133	0.000	0.019	0.000	0.140	1.050	
L2	110 - 72.5 (2)	0.009	0.264	0.000	0.022	0.000	0.274	1.050	
L3	72.5 - 36 (3)	0.010	0.351	0.000	0.022	0.000	0.361	1.050	
L4	36 - 0 (4)	0.014	0.529	0.000	0.024	0.000	0.544	1.050	

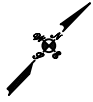
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	Project TEP No. 217470.929872	Date 11:48:16 02/16/24
	Client Crown Castle	Designed by cdcrook

Section Capacity Table

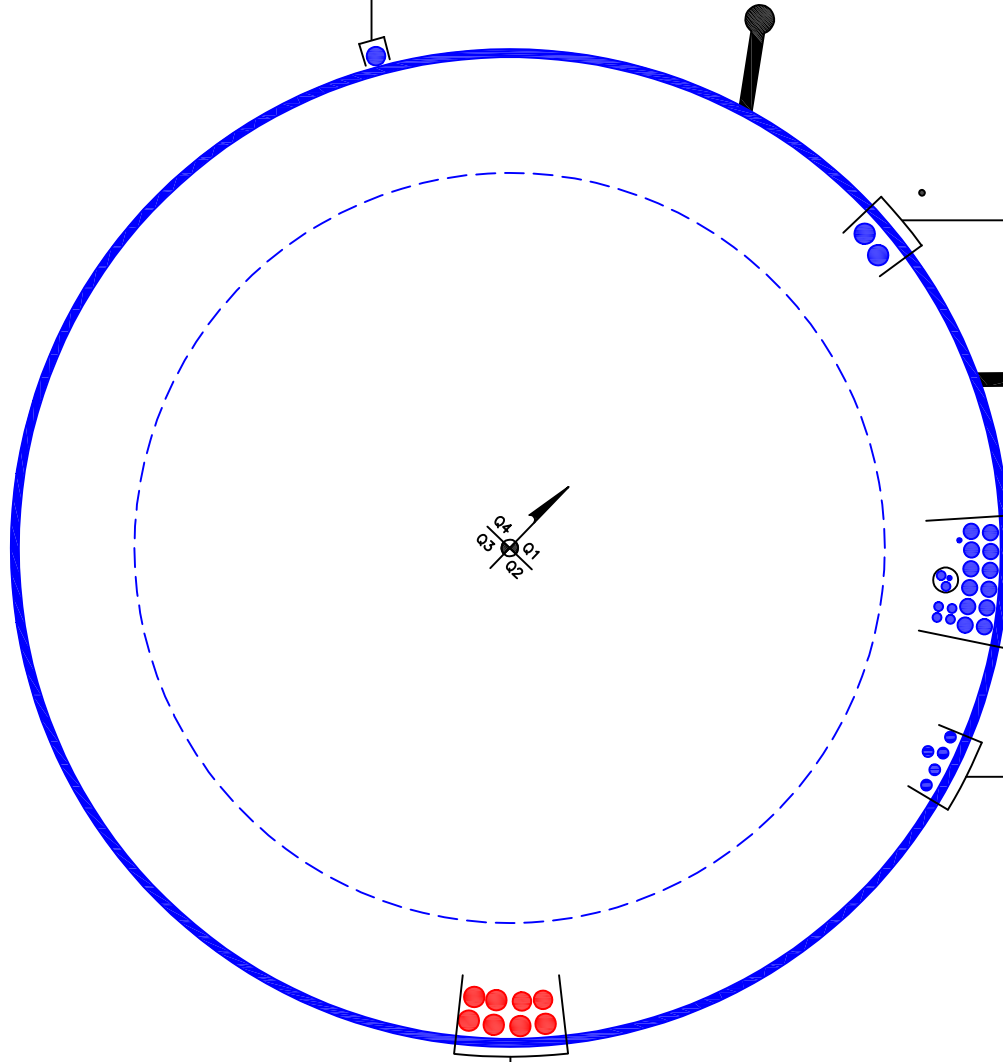
Section No.	Elevation ft	Component Type	Size	Critical Element	P K	ϕP_{allow} K	% Capacity	Pass Fail	
L1	155.5 - 110	Pole	TP64.606x58.6x0.375	1	-25.82	4083.22	13.4	Pass	
L2	110 - 72.5	Pole	TP68.805x62.8x0.4375	2	-46.53	5456.99	26.1	Pass	
L3	72.5 - 36	Pole	TP72.748x66.8082x0.5	3	-67.47	6956.40	34.4	Pass	
L4	36 - 0	Pole	TP76.5x70.56x0.5	4	-95.34	7106.06	51.8	Pass	
							Summary		
							Pole (L4)	51.8	Pass
							RATING =	51.8	Pass

Program Version 8.2.2.0 - 10/2/2023 File:G:/Shared drives/215919 - 218085/217470/P-420700_L-929872_806366_HRT 107(C) 943204_Structural Analysis/tnxTower/806366_2283537_LC5.eri

APPENDIX B
BASE LEVEL DRAWING



(OTHER CONSIDERED EQUIPMENT)
(1) 1-1/2" TO 113 FT LEVEL



(OTHER CONSIDERED EQUIPMENT)
(2) 1-5/8" TO 130 FT LEVEL

CLIMBING PEGS
W/ SAFETY CLIMB

(OTHER CONSIDERED EQUIPMENT-IN CONDUIT)
(1) 3/8" TO 145 FT LEVEL
(2) 3/4" TO 145 FT LEVEL
(OTHER CONSIDERED EQUIPMENT)
(1) 3/8" TO 145 FT LEVEL
(4) 3/4" TO 145 FT LEVEL
(12) 1-1/4" TO 145 FT LEVEL

(OTHER CONSIDERED EQUIPMENT)
(1) 7/8" TO 113 FT LEVEL
(4) 7/8" TO 113 FT LEVEL

(PROPOSED EQUIPMENT CONFIGURATION)
(2) 1-1/2" TO 159 FT LEVEL
(6) 1-5/8" TO 159 FT LEVEL

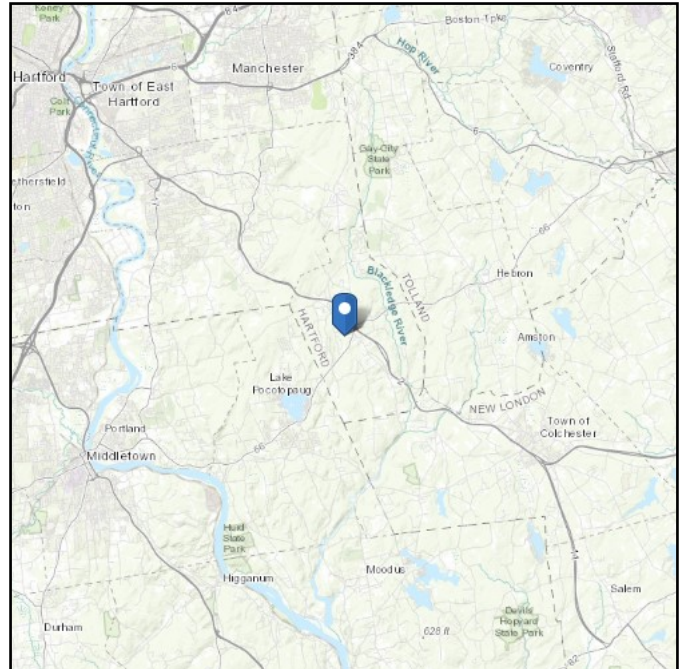
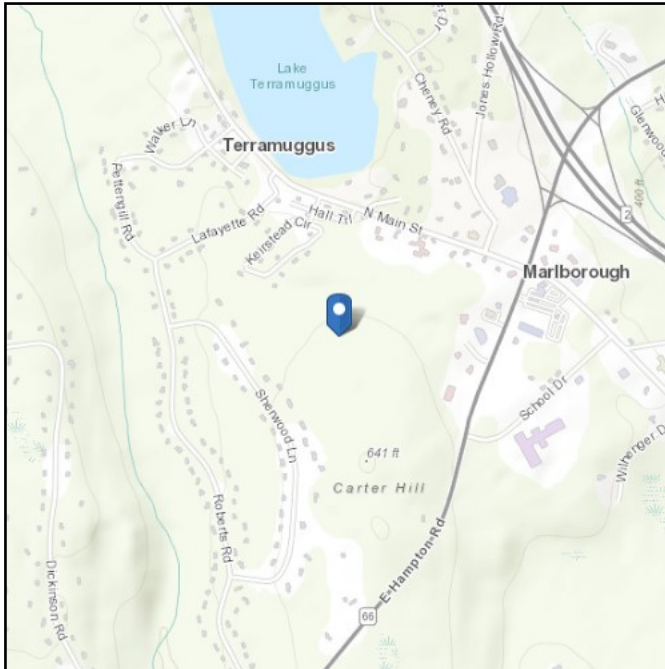
APPENDIX C
ADDITIONAL CALCULATIONS

ASCE 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)

Latitude: 41.629806
Longitude: -72.4665
Elevation: 0 ft (NAVD 88)



Wind

Results:

Wind Speed	120 Vmph	130 Vmph per Jurisdiction
10-year MRI	75 Vmph	
25-year MRI	84 Vmph	
50-year MRI	92 Vmph	
100-year MRI	99 Vmph	

Data Source: ASCE/SEI 7-16, Fig. 26.5-1B and Figs. CC.2-1–CC.2-4, and Section 26.5.2

Date Accessed: Tue Feb 13 2024

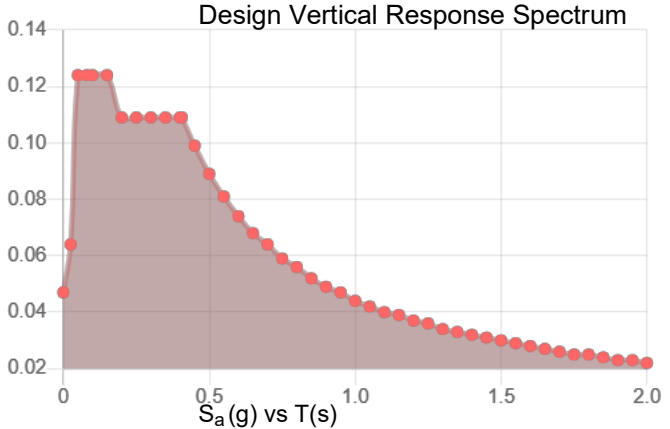
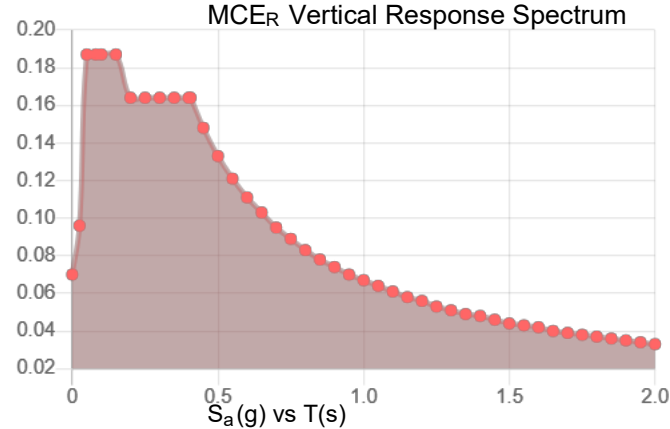
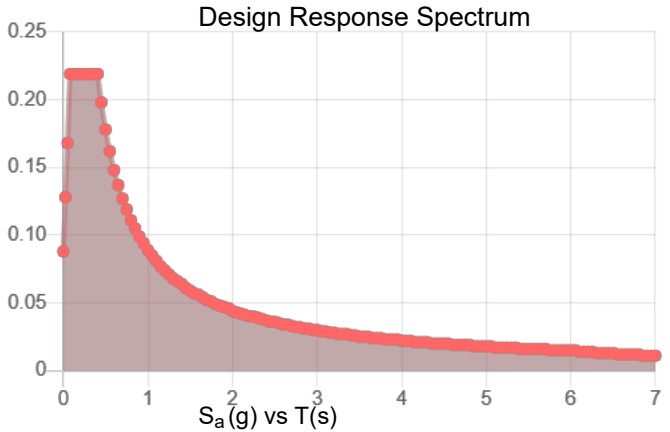
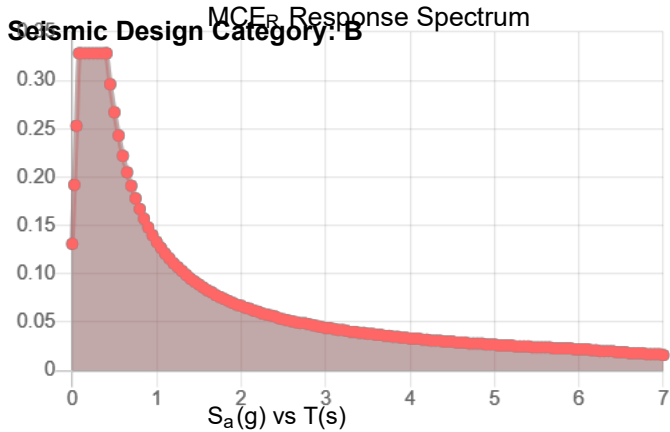
Value provided is 3-second gust wind speeds at 33 ft above ground for Exposure C Category, based on linear interpolation between contours. Wind speeds are interpolated in accordance with the 7-16 Standard. Wind speeds correspond to approximately a 7% probability of exceedance in 50 years (annual exceedance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

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

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

Results:

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



Data Accessed: Tue Feb 13 2024

Date Source:

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

Ice

Results:

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

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

Date Accessed: Tue Feb 13 2024

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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Monopole Base Plate Connection

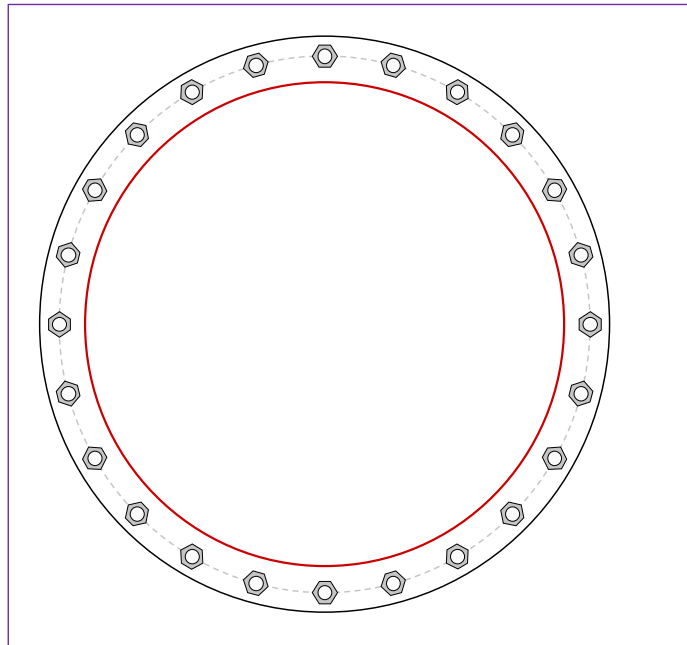


Site Info	
BU #	806366
Site Name	HRT 107(C) 943204
Order #	662908 Rev. 0

Analysis Considerations	
TIA-222 Revision	H
Grout Considered:	No
l_{ar} (in)	1.25

Applied Loads	
Moment (kip-ft)	5549.00
Axial Force (kips)	95.00
Shear Force (kips)	52.00

*TIA-222-H Section 15.5 Applied



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

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

Anchor Rod Summary		<i>(units of kips, kip-in)</i>	
$P_u_t = 126.95$	$\phi P_n_t = 243.75$		Stress Rating
$V_u = 2.17$	$\phi V_n = 149.1$		49.6%
$M_u = n/a$	$\phi M_n = n/a$		Pass
Base Plate Summary			
Max Stress (ksi):	13.04		(Flexural)
Allowable Stress (ksi):	54		
Stress Rating:	23.0%		Pass

Pier and Pad Foundation



BU # : 806366
 Site Name: HRT 107(C) 94320
 App. Number: 662908 Rev. 0

TIA-222 Revision: H
 Tower Type: Monopole

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

Superstructure Analysis Reactions		
Compression, P_{comp} :	95	kips
Base Shear, V_{u_comp} :	52	kips
Moment, M_u :	5549	ft-kips
Tower Height, H :	155.5	ft
BP Dist. Above Fdn, bp_{dist} :	3.5	in

Foundation Analysis Checks				
	Capacity	Demand	Rating*	Check
<i>Lateral (Sliding) (kips)</i>	610.60	52.00	8.1%	Pass
<i>Bearing Pressure (ksf)</i>	15.75	2.06	12.5%	Pass
<i>Overtuning (kip*ft)</i>	18560.84	5980.17	32.2%	Pass
<i>Pier Flexure (Comp.) (kip*ft)</i>	18525.47	5731.00	29.5%	Pass
<i>Pier Compression (kip)</i>	51554.88	146.03	0.3%	Pass
<i>Pad Flexure (kip*ft)</i>	8427.96	2044.75	23.1%	Pass
<i>Pad Shear - 1-way (kips)</i>	1850.42	224.21	11.5%	Pass
<i>Pad Shear - 2-way (Comp) (ksi)</i>	0.190	0.021	10.6%	Pass
<i>Flexural 2-way (Comp) (kip*ft)</i>	11161.59	3438.60	29.3%	Pass

Pier Properties		
Pier Shape:	Square	
Pier Diameter, $dpier$:	9	ft
Ext. Above Grade, E :	0.5	ft
Pier Rebar Size, Sc :	11	
Pier Rebar Quantity, mc :	59	
Pier Tie/Spiral Size, St :	5	
Pier Tie/Spiral Quantity, mt :	7	
Pier Reinforcement Type:	Tie	
Pier Clear Cover, cc_{pier} :	3	in

*Rating per TIA-222-H Section 15.5

Structural Rating*:	29.5%
Soil Rating*:	32.2%

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

Material Properties		
Rebar Grade, F_y :	60	ksi
Concrete Compressive Strength, F'_c :	4	ksi
Dry Concrete Density, δ_c :	150	pcf

Soil Properties		
Total Soil Unit Weight, γ :	130	pcf
Ultimate Gross Bearing, Q_{ult} :	21.000	ksf
Cohesion, C_u :	0.000	ksf
Friction Angle, ϕ :	40	degrees
SPT Blow Count, N_{blows} :	60	
Base Friction, μ :	0.4	
Neglected Depth, N :	4.50	ft
Foundation Bearing on Rock?	No	
Groundwater Depth, gw :	14.5	ft

<--Toggle between Gross and Net

EXHIBIT F

Mount Analysis Report

Colliers Engineering & Design,
Architecture, Landscape Architecture,
Surveying, CT P.C.
1055 Washington Boulevard
Stamford, CT 06901
203.324.0800
peter.albano@collierseng.com

Post-Modification Antenna Mount Analysis Report and PMI Requirements

Mount Fix

SMART Tool Project #: 10215182
Colliers Engineering & Design Project #: 21777121 (Rev. 1)

December 12, 2023

Site Information

Site ID: 5000381595-VZW / MARLBOROUGH CT
Site Name: MARLBOROUGH CT
Carrier Name: Verizon Wireless
Address: 43 N Main St
Marlborough, Connecticut 06447
Hartford County
Latitude: 41.629792°
Longitude: -72.466397°

Structure Information

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

FUZE ID # 16271973

Analysis Results

Platform: 97.3% **Pass w/ Modifications***

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

***Contractor PMI Requirements:

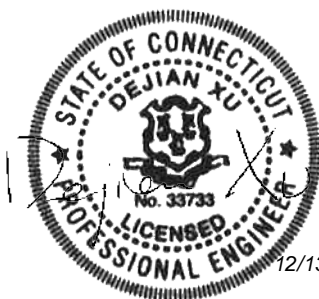
Included at the end of this MA report

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

For additional questions and support, please reach out to:

pmisupport@colliersengineering.com

Report Prepared By: Conner Hoge



12/13/2023

Executive Summary:

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

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

Sources of Information:

Document Type	Remarks
<i>Radio Frequency Data Sheet (RFDS)</i>	<i>Verizon RFDS, Site ID: 324301, dated September 18, 2023</i>
<i>Mount Mapping Report</i>	<i>Hudson Design Group, LLC., Site ID: 467380, dated March 25, 2021</i>
<i>Previous Mount Analysis</i>	<i>Colliers Engineering & Design, Project #: 21777121A, Rev. 2, dated November 20, 2023</i>
<i>Mount Modification Drawings</i>	<i>Colliers Engineering & Design, Project #: 21777121A, Rev. 1, dated December 12, 2023</i>

Analysis Criteria:

Codes and Standards:	ANSI/TIA-222-H 2022 Connecticut State Building Code (CSBC), Effective October 1, 2022
Wind Parameters:	Basic Wind Speed (Ultimate 3-sec. Gust), V_{ULT} : 125 mph Ice Wind Speed (3-sec. Gust): 50 mph Design Ice Thickness: 1.00 in Risk Category: II Exposure Category: B Topographic Category: 1 Topographic Feature Considered: N/A Topographic Method: N/A Ground Elevation Factor, K_e : 0.979
Seismic Parameters:	S_s : 0.205 g S_1 : 0.056 g
Maintenance Parameters:	Wind Speed (3-sec. Gust): 30 mph Maintenance Load, L_v : 250 lbs. Maintenance Load, L_m : 500 lbs.
Analysis Software:	RISA-3D (V17)

Final Loading Configuration:

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

Mount Elevation (ft)	Equipment Elevation (ft)	Quantity	Manufacturer	Model	Status
156.50	159.00	3	Commscope	NHH-65B-R2B	Added
		3	Commscope	NHHSS-65B-R2BT4	
		3	Samsung	MT6413-77A	
		3	Samsung	RF4439d-25A	
		3	Samsung	RF4461d-13A	
		3	Samsung	RT4423-48A	
		2	RFS	DB-B1-6C-12AB-0Z	Retained
		2	Andrew	LNx-6514DS-A1M	
		1	Andrew	LNx-8513DS-A1M	
		3	-	OMNI	

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

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

Standard Conditions:

1. All engineering services are performed on the basis that the information provided to Colliers Engineering & Design and used in this analysis is current and correct. The existing equipment loading has been applied at locations determined from the supplied documentation. Any deviation from the loading locations specified in this report shall be communicated to Colliers Engineering & Design 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. Colliers Engineering & Design 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 Colliers Engineering & Design.

Analysis Results:

Component	Utilization %	Pass/Fail
Double Angle Standoff	67.3 %	Pass
Standoff Horizontal Bottom	97.3 %	Pass
Standoff Vertical	81.1 %	Pass
Face Plate	46.8 %	Pass
Face Horizontal	16.5 %	Pass
Mount Pipe	16.2 %	Pass
Ladder Angle	2.4 %	Pass
Face Diagonal	17.6 %	Pass
Face Vertical	6.9 %	Pass
Corner Pipe	43.5 %	Pass
Standoff Bracing	53.3 %	Pass
Threaded Rod	58.2 %	Pass
Support Rail	9.8 %	Pass
Support Rail Angle	15.4 %	Pass
Corner Plate	58.6 %	Pass
Kicker	17.0 %	Pass
Mount Connection	83.6 %	Pass

Structure Rating – (Controlling Utilization of all Components)	97.3%
-----------------------------------------------------------------------	--------------

Mount Connection Envelope Reactions:

Connection Description	Elev. AGL (Ft)	Node Label	Envelope Wind Reactions				Envelope Wind + Ice Reactions			
			Axial (Lbs)	Lateral (Lbs)	Moment (K-Ft)	Torsion (K-Ft)	Axial (Lbs)	Lateral (Lbs)	Moment (K-Ft)	Torsion (K-Ft)
Sector A Front Standoff	156.5	N220	8030	9750	0.000	0.000	3952	2170	0.000	0.000
Sector A Rear Standoff	156.5	N221	7820	10720	0.000	0.000	2912	2889	0.000	0.000
Sector C Front Standoff	156.5	N223	8069	9673	0.000	0.000	3871	2167	0.000	0.000
Sector C Rear Standoff	156.5	N224	7890	11077	0.000	0.000	2975	2857	0.000	0.000
Sector B Front Standoff	156.5	N9	8144	9699	0.000	0.000	3996	2190	0.000	0.000
Sector B Rear Standoff	156.5	N218D	7947	10657	0.000	0.000	3014	2778	0.000	0.000

Notes:

- Axial loads act along the axis of the tower leg
- Lateral reactions act perpendicular to the tower leg
- Moment loads introduce bending moment to the tower leg
- Torsion loads introduce twisting moment to the tower leg
- Batch solutions by individual load cases are included at the end of this document

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

Ice Thickness (In)	Mount Pipes Excluded		Mount Pipes Included	
	Front (EPA)a (Sq. Ft.)	Side (EPA)a (Sq. Ft.)	Front (EPA)a (Sq. Ft.)	Side (EPA)a (Sq. Ft.)
0	135.0	135.0	147.8	147.8
0.5	165.3	165.3	183.5	183.5
1	193.5	193.5	217.1	217.1

Notes:

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

Requirements:

The existing mount will be **SUFFICIENT** for the final loading configuration (attachment 2) **after the modifications detailed in attachment 3 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. **Contractor Required PMI Report Deliverables**
2. Antenna Placement Diagrams
3. Mount Modification Drawings
4. Mount Photos
5. Mount Mapping Report (for reference only)
6. Analysis Calculations

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

MDG #: 5000381595

SMART Project #: 10215182

Fuze Project ID: 16271973

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 engineering vendor 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:

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

- Yes No

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

Issue:

Contractor shall install the new OVPs 12" from the tower connection on the top standoff horizontal between alpha/beta and beta/gamma sectors.

Response:

Special Instruction Confirmation:

- The contractor has read and acknowledges the above special instructions.

Comments:

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

- Yes No

Contractor certifies no new damage created during the current installation:

- Yes No

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

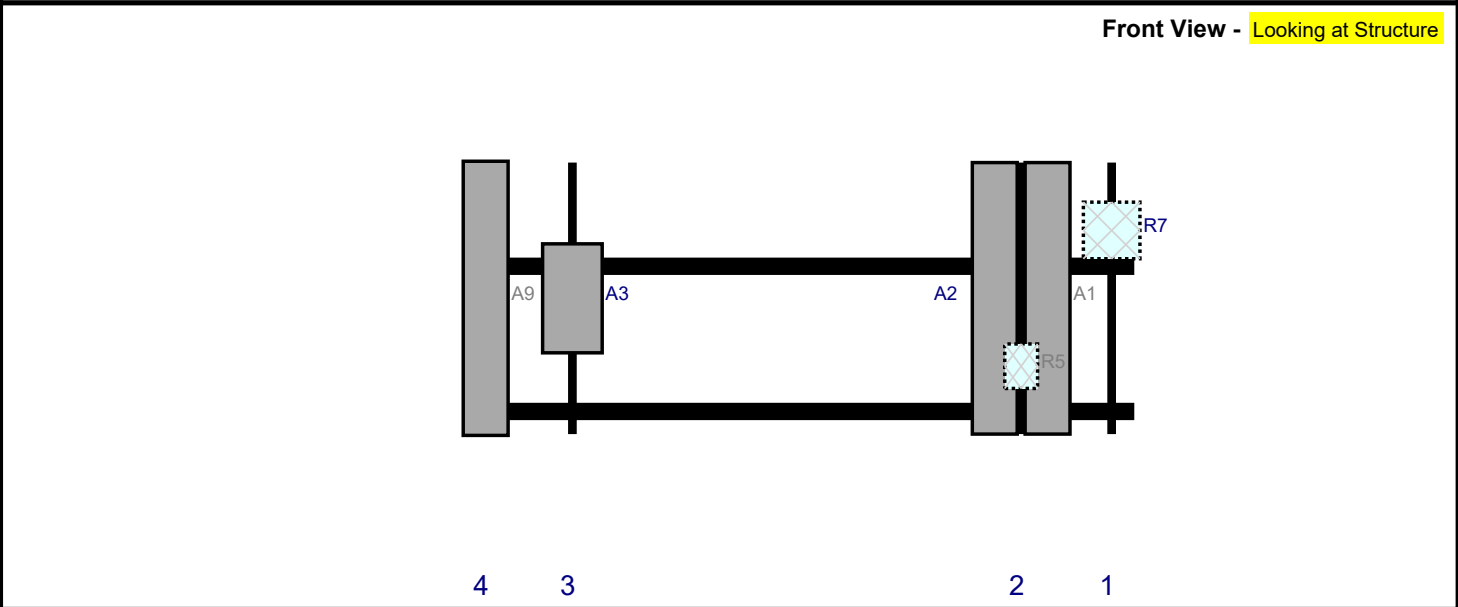
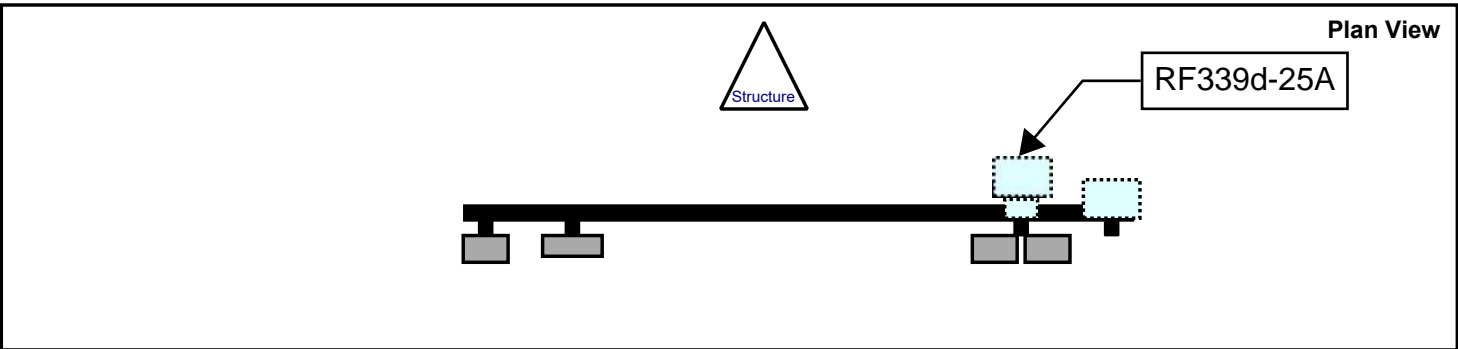
- Safety Climb in Good Condition Safety Climb Damaged

Comments:

--

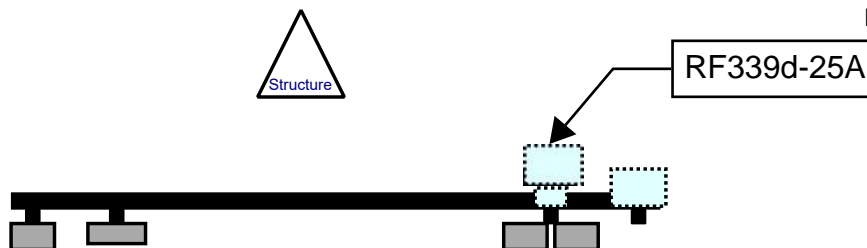
Certifying Individual:

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

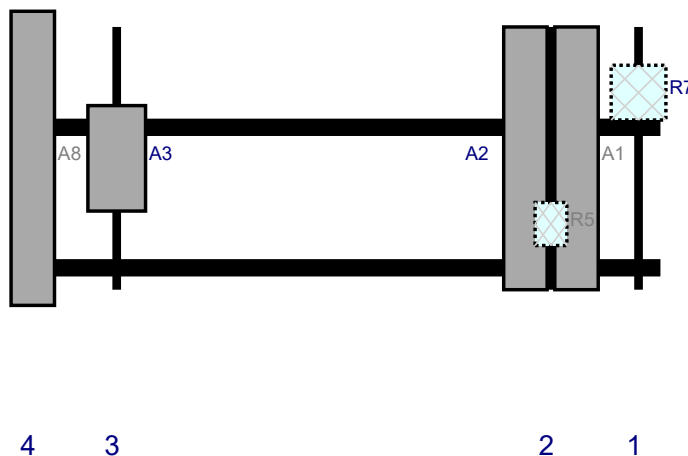


Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
R7	RF4461d-13A	15	15	172	1	a	Behind	18	0	Added	
A1	NHH-65B-R2B	72	11.9	148	2	a	Front	36	7	Added	
A2	NHHSS-65B-R2BT4	72	11.9	148	2	a	Front	36	-7	Added	
R5	RT4423-48A	11.8	8.7	148	2	a	Behind	54	0	Added	
A3	MT6413-77A	28.9	15.8	29	3	a	Front	36	0	Added	
A9	LNX-8513DS-A1M	72.7	11.9	6	4	a	Front	36	0	Retained	03/25/2021
M132A	DB-B1-6C-12AB-0Z	28.9	15.7			Member				Added	
M148B	RF4439d-25A	15	15			Member				Added	
M176A	RF4439d-25A	15	15			Member				Added	
M162A	RF4439d-25A	15	15			Member				Added	
M1	DB-B1-6C-12AB-0Z	28.9	15.7			Member				Added	
M198	OMNI	118.1	3			Member				Retained	03/25/2021
M201	OMNI	118.1	3			Member				Retained	03/25/2021
M204	OMNI	118.1	3			Member				Retained	03/25/2021

Plan View

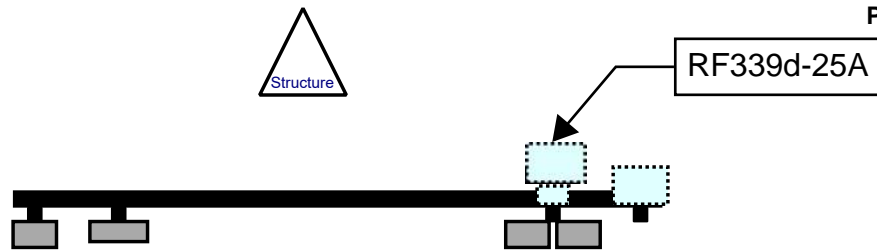


Front View - Looking at Structure

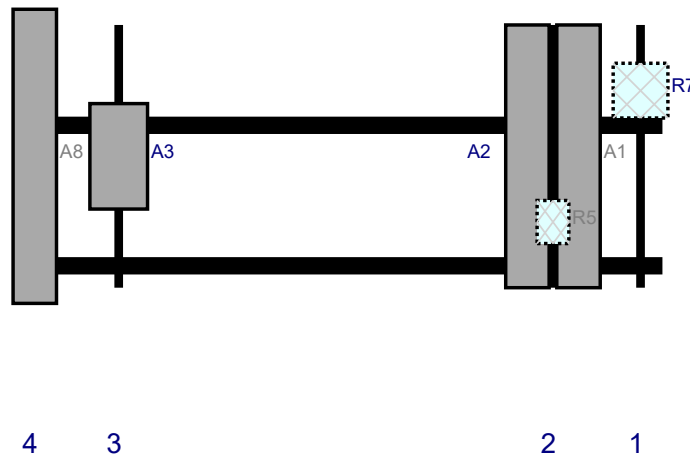


Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
R7	RF4461d-13A	15	15	172	1	a	Behind	18	0	Added	
A1	NHH-65B-R2B	72	11.9	148	2	a	Front	36	7	Added	
A2	NHHSS-65B-R2BT4	72	11.9	148	2	a	Front	36	-7	Added	
R5	RT4423-48A	11.8	8.7	148	2	a	Behind	54	0	Added	
A3	MT6413-77A	28.9	15.8	29	3	a	Front	36	0	Added	
A8	LNx-6514DS-A1M	80.6	11.9	6	4	a	Front	36	0	Retained	03/25/2021

Plan View




Front View - Looking at Structure

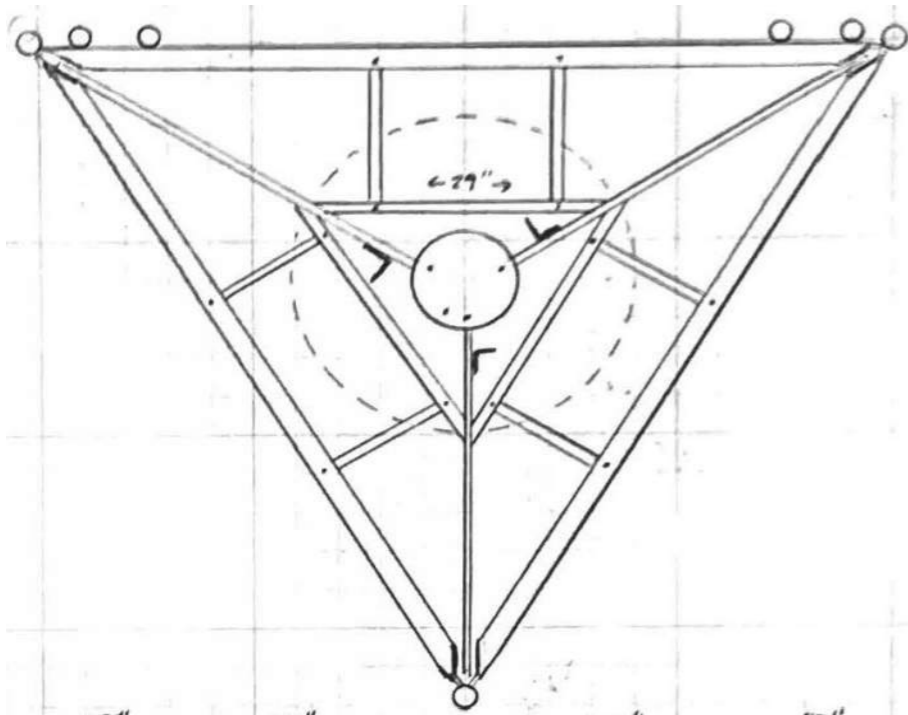


Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
R7	RF4461d-13A	15	15	172	1	a	Behind	18	0	Added	
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A2	NHHSS-65B-R2BT4	72	11.9	148	2	a	Front	36	-7	Added	
R5	RT4423-48A	11.8	8.7	148	2	a	Behind	54	0	Added	
A3	MT6413-77A	28.9	15.8	29	3	a	Front	36	0	Added	
A8	LNx-6514DS-A1M	80.6	11.9	6	4	a	Front	36	0	Retained	03/25/2021

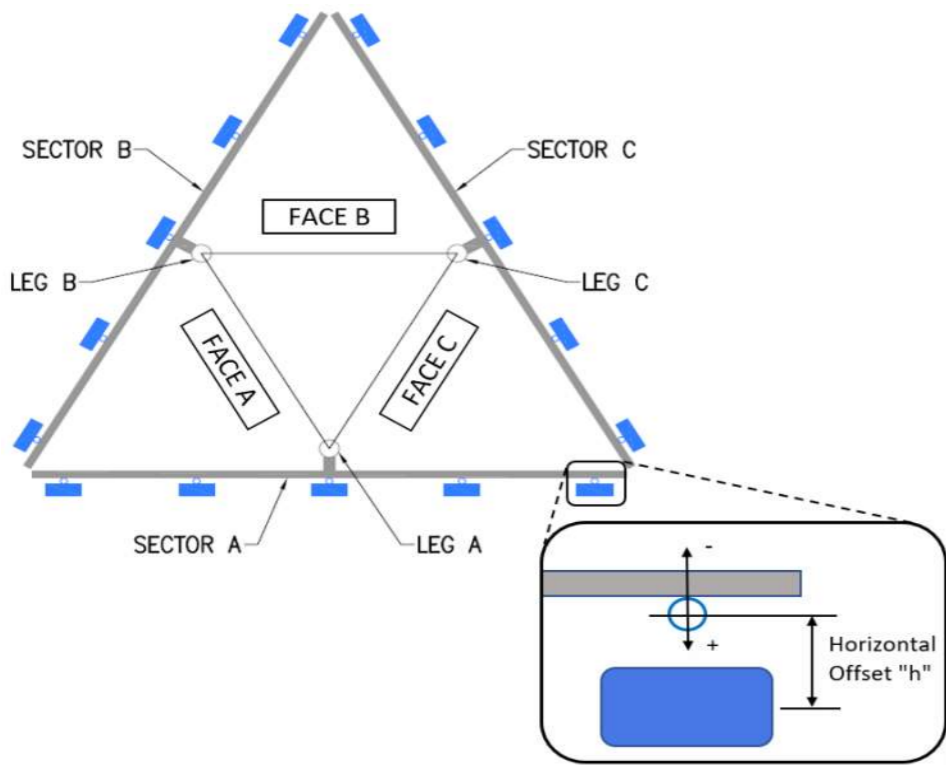


	Antenna Mount Mapping Form (PATENT PENDING)			FCC #
	Tower Owner:	CROWN CASTLE	Mapping Date:	3/25/2021
	Site Name:	MARLBOROUGH CT	Tower Type:	Monopole
	Site Number or ID:	467380	Tower Height (Ft.):	156
Mapping Contractor:	HUDSON DESIGN GROUP, LLC.	Mount Elevation (Ft.):	158.25	

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

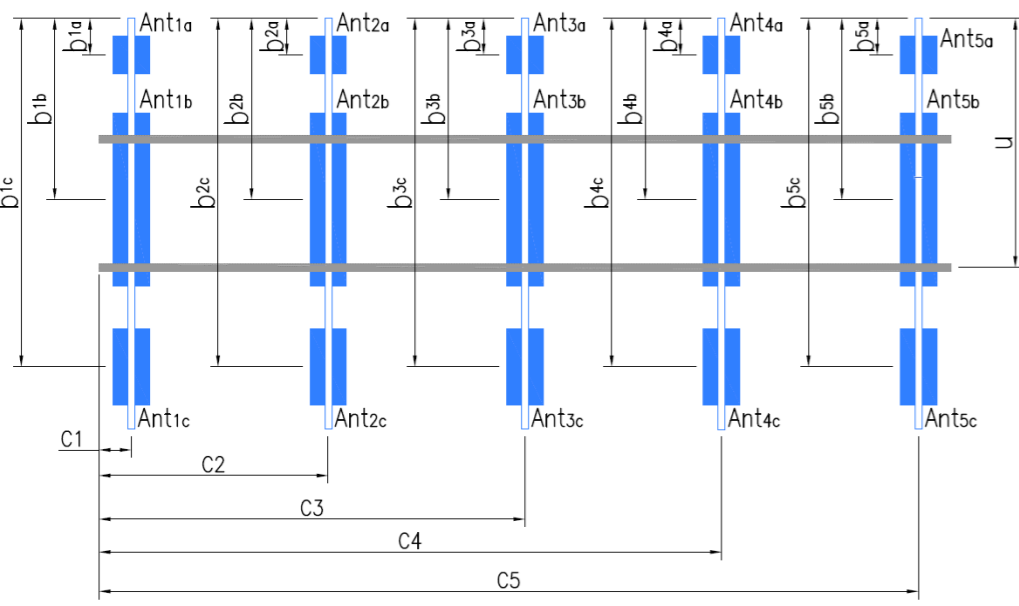


Mount Pipe Configuration and Geometries [Unit = Inches]								
Sector / Position	Mount Pipe Size & Length	Vertical Offset Dimension "u"	Horizontal Offset "C1, C2, C3, etc."	Sector / Position	Mount Pipe Size & Length	Vertical Offset Dimension "u"	Horizontal Offset "C1, C2, C3, etc."	
A1	2" STD. PIPE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

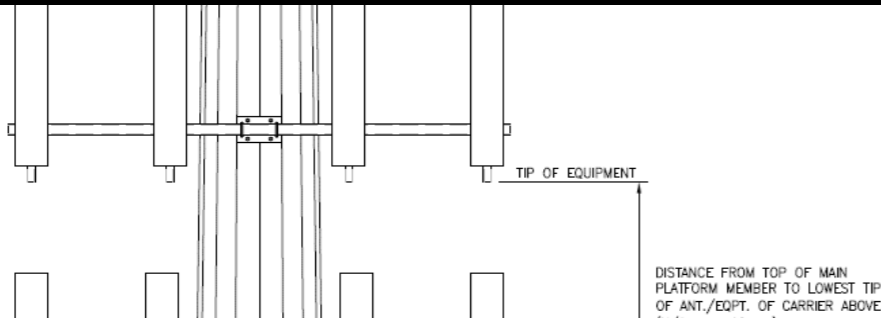


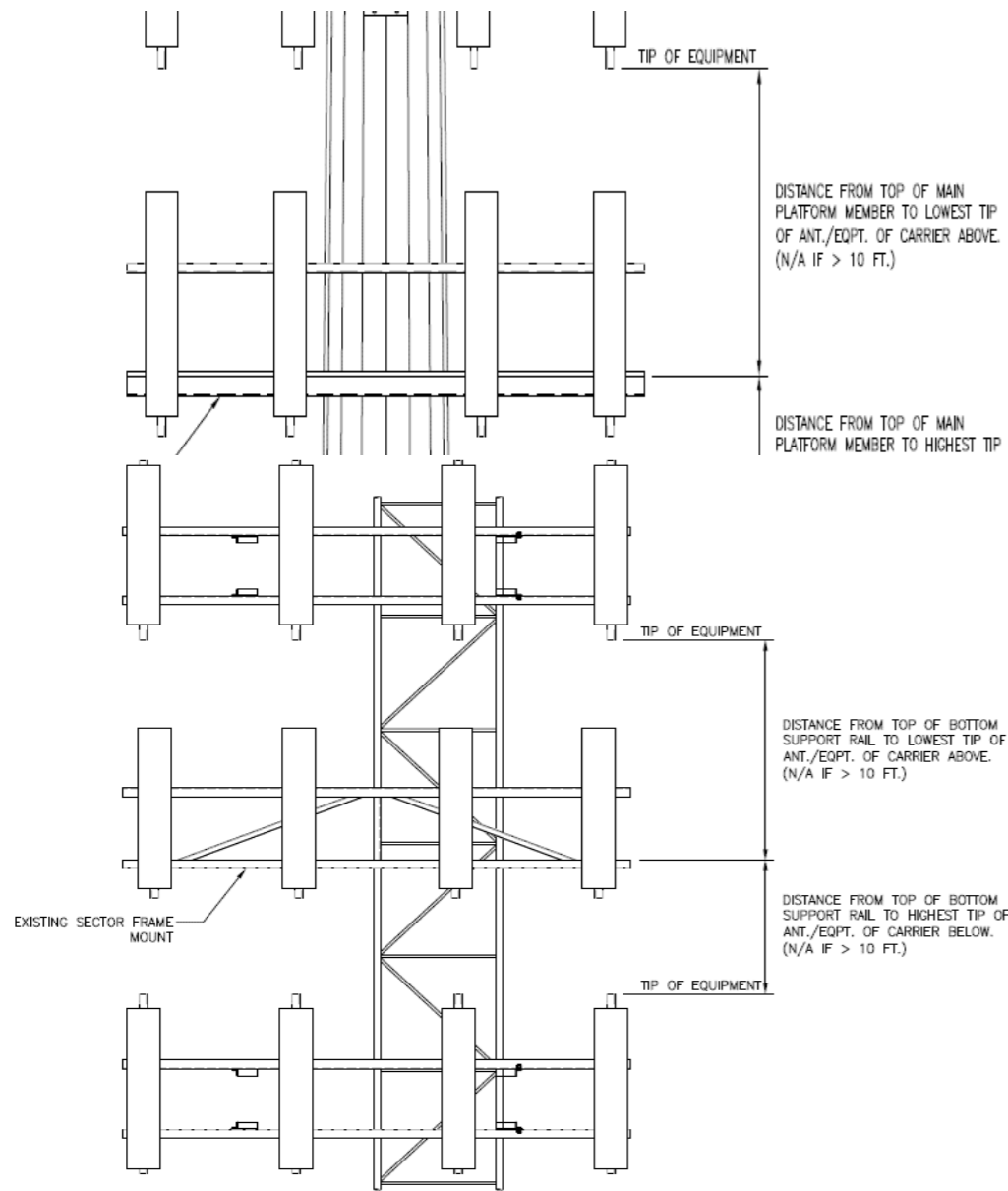
Ants. Items	Enter antenna model. If not labeled, enter "Unknown".						Mounting Locations [Units are inches and degrees]			Photos of antennas
	Antenna Models if Known	Width (in.)	Depth (in.)	Height (in.)	Coax Size and Qty	Antenna Center-line (Ft.)	Vertical Distances "b _{1a} , b _{2a} , b _{3a} , b _{1b} ..." (Inches)	Horiz. Offset "h" (Use "-" if Ant. is behind)	Antenna Azimuth (Degrees)	
Sector A										
Ant _{1a}										
Ant _{1b}	SBNHH-1D65B	12.00	7.50	73.00		159.083	35.00	9.00	10.00	46,69
Ant _{1c}										
Ant _{2a}	B4 RRH2X60	11.00	5.50	36.00		158.5	36.00	-16.00		50,69
Ant _{2b}	LNX-6514DS-A1M	12.00	7.50	73.00		158.5	36.00	8.00	10.00	47,69
Ant _{2c}										
Ant _{3a}	B66a RRH 4X45	12.00	7.00	20.50		158.333	38.00	-11.00		51,71
Ant _{3b}	SBNHH-1D65B	12.00	7.50	73.00		158.917	31.00	9.00	10.00	48,71
Ant _{3c}										
Ant _{4a}										
Ant _{4b}	LNX-6514DS-A1M	12.00	7.50	73.00		159.083	35.00	8.00	10.00	49,71
Ant _{4c}										
Ant _{5a}										
Ant _{5b}										
Ant _{5c}										
Ant on Standoff	OMNI	3.00		120.00						72
Ant on Standoff										
Ant on Tower										
Ant on Tower										

Mount Azimuth (Degree) for Each Sector		Tower Leg Azimuth (Degree) for Each Sector		Sector B									
Sector A:	40.00 Deg	Leg A:		Ant _{1a}									
Sector B:	160.00 Deg	Leg B:		Ant _{1b}	SBNHH-1D65B	12.00	7.00	73.00	159.083	35.00	9.00	150.00	46,73
Sector C:	280.00 Deg	Leg C:		Ant _{1c}									
Sector D:		Leg D:		Ant _{2a}	B4 RRH2X60	12.00	7.00	26.00	158.5	36.00	-16.00		50,73
				Ant _{2b}	LNX-6514DS-A1M	12.00	7.00	73.00	158.5	36.00	8.00	150.00	47,73
				Ant _{2c}									
				Ant _{3a}	B66a RRH 4X45	12.00	7.00	37.00	158.333	38.00	-11.00		51,74
				Ant _{3b}	SBNHH-1D65B	12.00	7.00	73.00	158.917	31.00	9.00	150.00	48,74
				Ant _{3c}									
				Ant _{4a}									
				Ant _{4b}	LNX-6514DS-A1M	12.00	7.00	73.00	159.083	35.00	8.00	150.00	48,74
				Ant _{4c}									
				Ant _{5a}									
				Ant _{5b}									
				Ant _{5c}									
				Ant on Standoff	RRFDC-3315-PF-48	15.00	10.00	28.00					64-67



Antenna Layout (Looking Out From Tower)			
Mount Azimuth (Degree) for Each Sector		Tower Leg Azimuth (Degree) for Each Sector	
Sector A:	40.00 Deg	Leg A:	
Sector B:	160.00 Deg	Leg B:	
Sector C:	280.00 Deg	Leg C:	
Sector D:		Leg D:	
Climbing Facility Information			
Location:	35.00 Deg	N/A	
Climbing Facility	Corrosion Type:	Good condition.	
	Access:	Climbing path was unobstructed.	
	Condition:	Good condition.	





Ant on Standoff	OMNI	3.00		120.00						75
Ant on Tower										
Ant on Tower										
Sector C										
Ant _{1a}										
Ant _{1b}	SBNHH-1D65B	12.00	7.00	73.00		159.083	35.00	9.00	250.00	46,76
Ant _{1c}										
Ant _{2a}	B4 RRH2X60	12.00	7.00	26.00		158.5	36.00	-16.00		50,76
Ant _{2b}	LNX-6514DS-A1M	12.00	7.00	73.00		158.5	36.00	8.00	250.00	47,76
Ant _{2c}										
Ant _{3a}	B66a RRH 4X45	12.00	7.00	37.00		158.333	38.00	-11.00		51,77
Ant _{3b}	SBNHH-1D65B	12.00	7.00	73.00		158.917	31.00	9.00	250.00	48,77
Ant _{3c}										
Ant _{4a}										
Ant _{4b}	LNX-6514DS-A1M	12.00	7.00	73.00		159.083	35.00	8.00	250.00	48,77
Ant _{4c}										
Ant _{5a}										
Ant _{5b}										
Ant _{5c}										
Ant on Standoff	RRFDC-3315-PF-48	15.00	10.00	28.00						64-67
Ant on Standoff	OMNI	3.00		120.00						78
Ant on Tower										
Ant on Tower										
Sector D										
Ant _{1a}										
Ant _{1b}										
Ant _{1c}										
Ant _{2a}										
Ant _{2b}										
Ant _{2c}										
Ant _{3a}										
Ant _{3b}										
Ant _{3c}										
Ant _{4a}										
Ant _{4b}										
Ant _{4c}										
Ant _{5a}										
Ant _{5b}										
Ant _{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										

Observed Safety and Structural Issues During the Mount Mapping

Issue #	Description of Issue	Photo #
1		
2	(12) 1-5/8"Ø COAX, (2) 1-1/4" HYBRID	32,67
3	(3) DEAD OMNI ON CORNER PIPES	
4		
5		
6		
7		
8		

Mapping Notes

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

Standard Conditions

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

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

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

Please Insert Sketches of the Antenna Mount

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



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

Inventory

- P1: JBNH11-ID65B
- P2: LNX-6514DS-AIM
84 RRH 2x60-4R
- P3: JBNH11-ID65B
813 RRH 4x30
- P4: LNX-8513DS-AIM

Tower

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

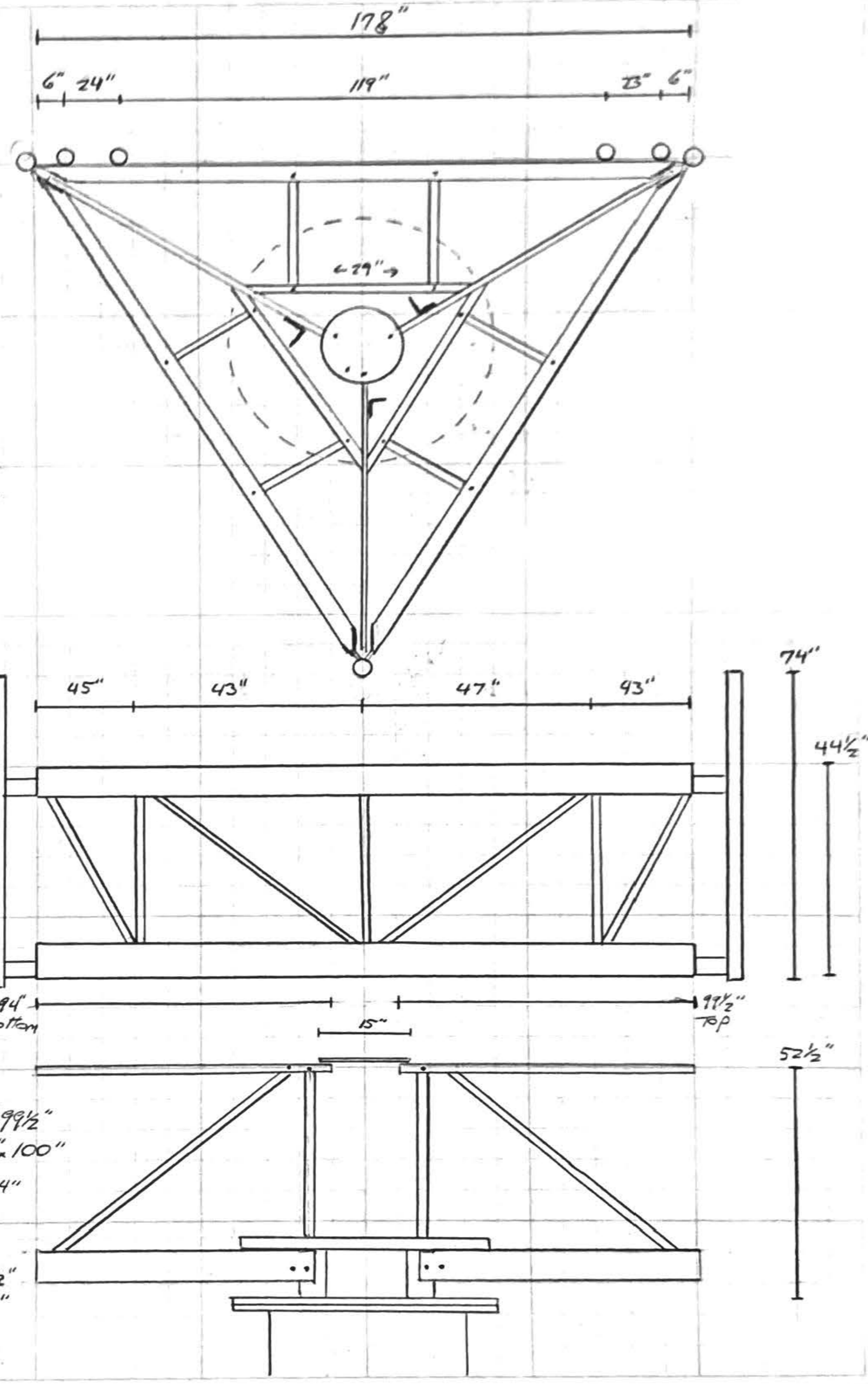
Face

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

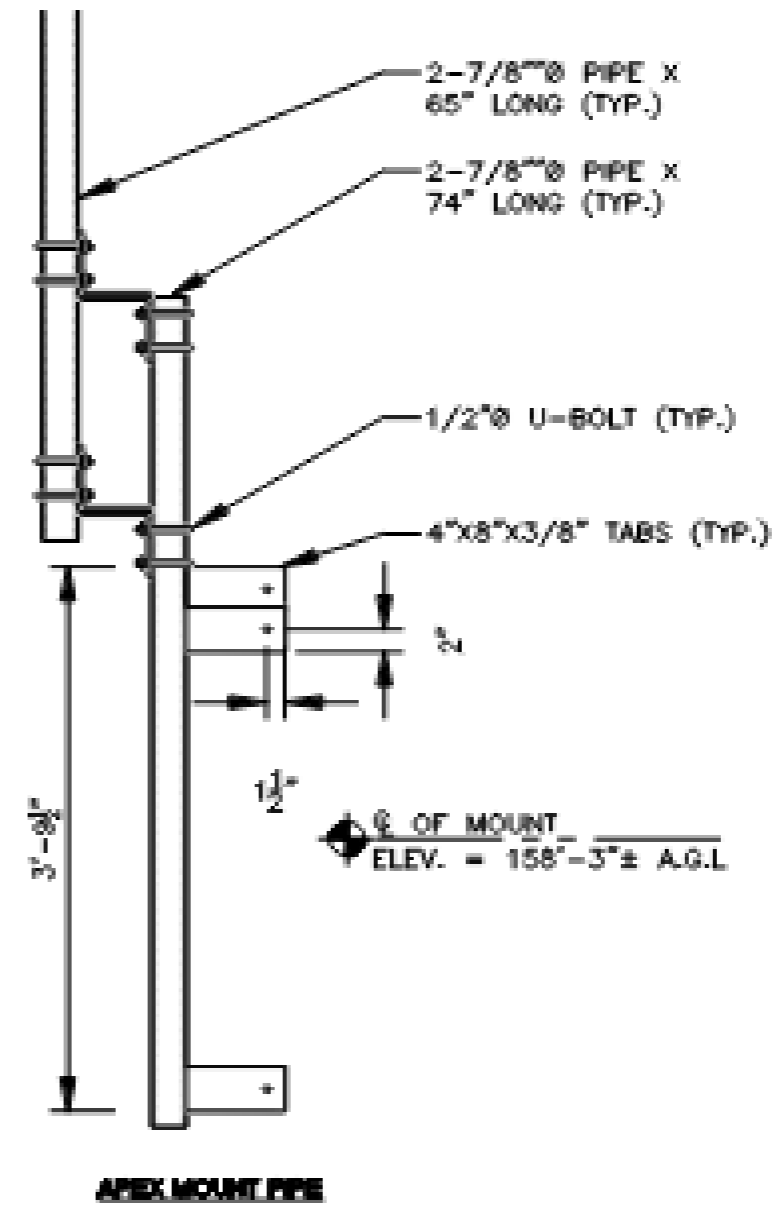
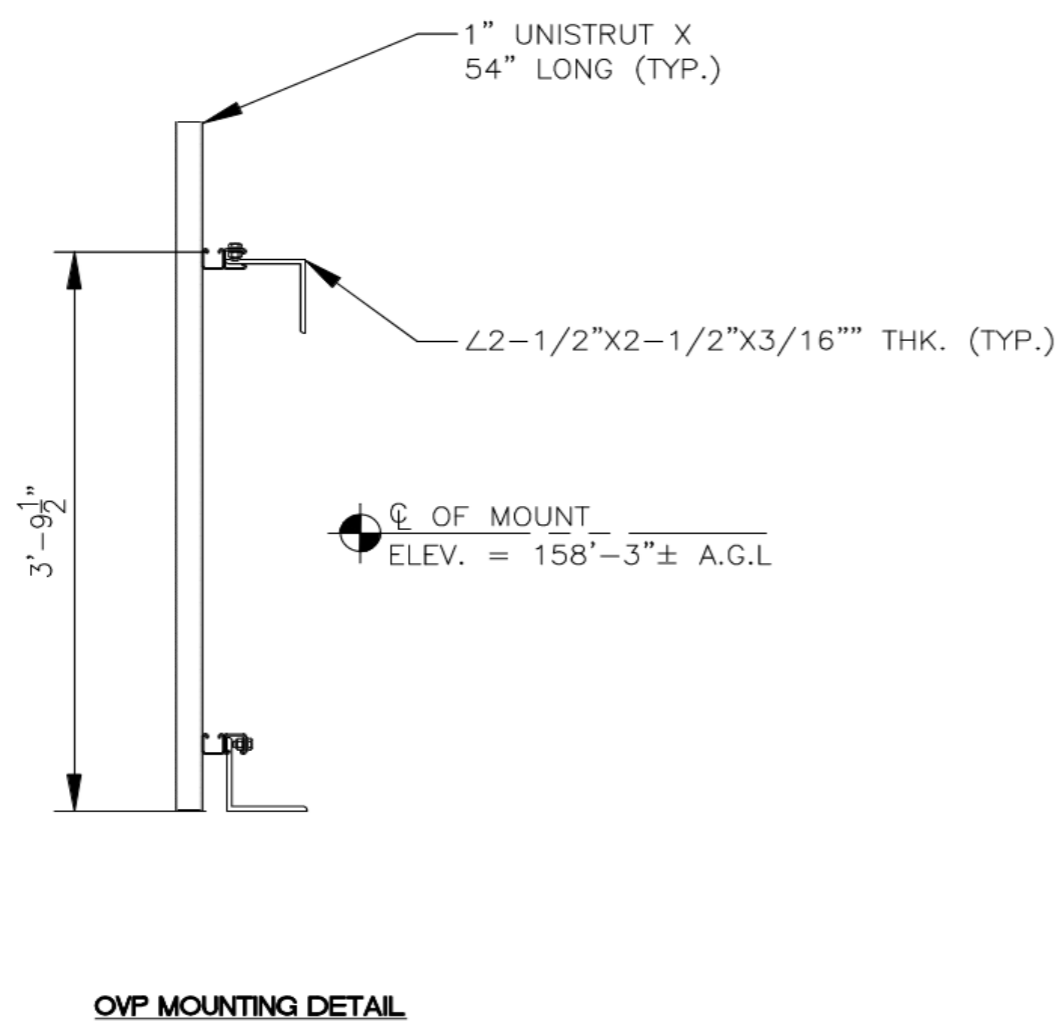
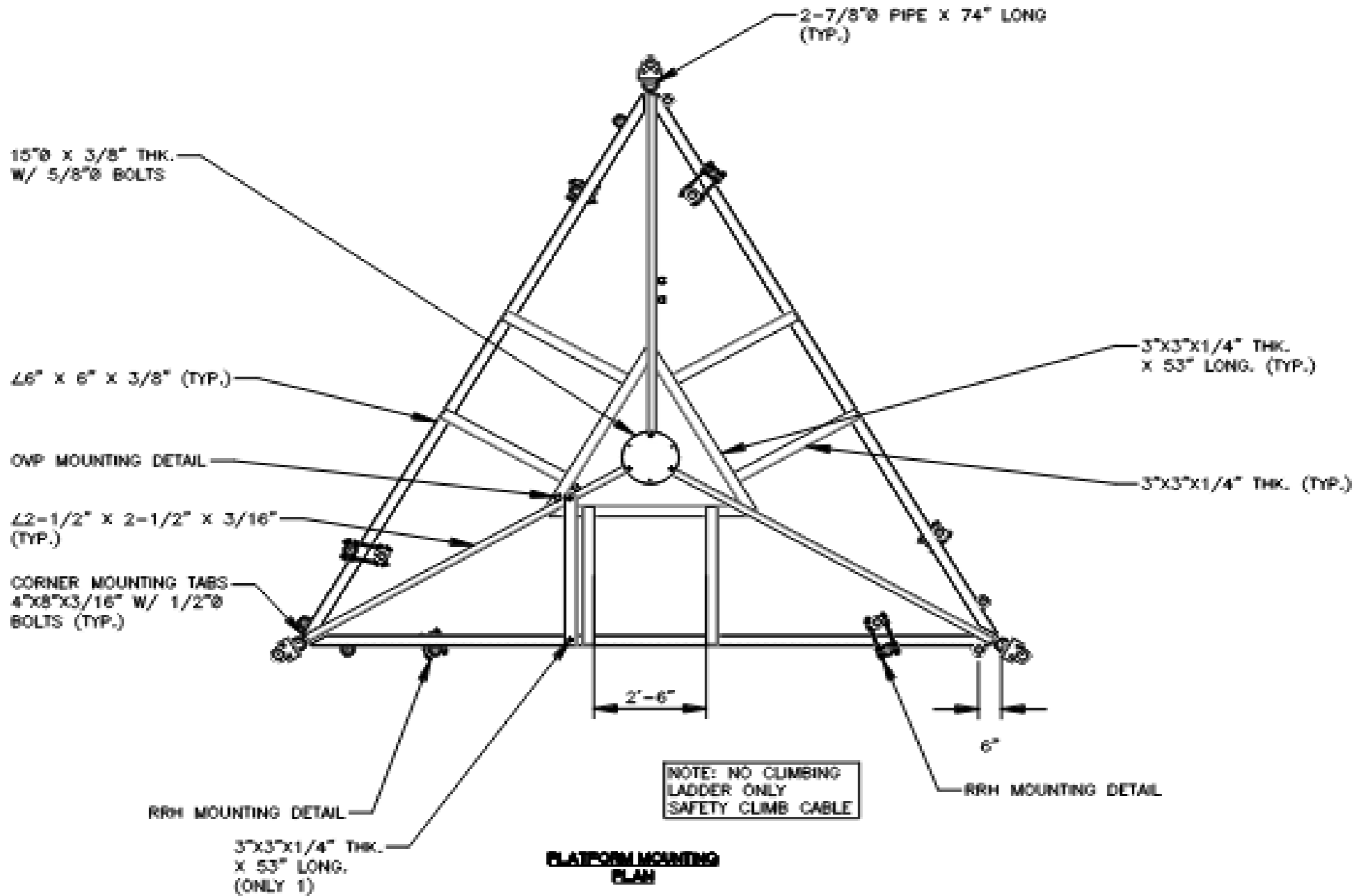
Interior

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

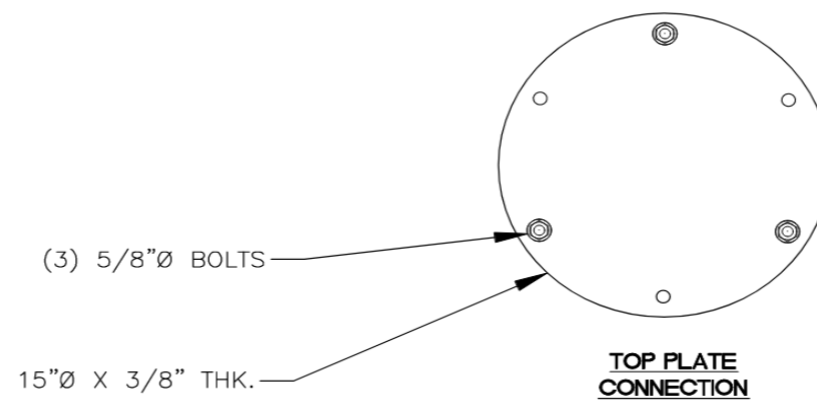
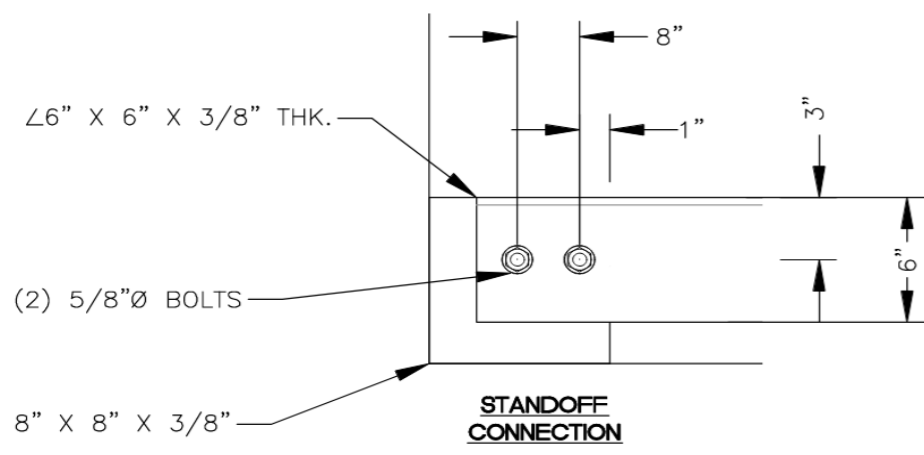
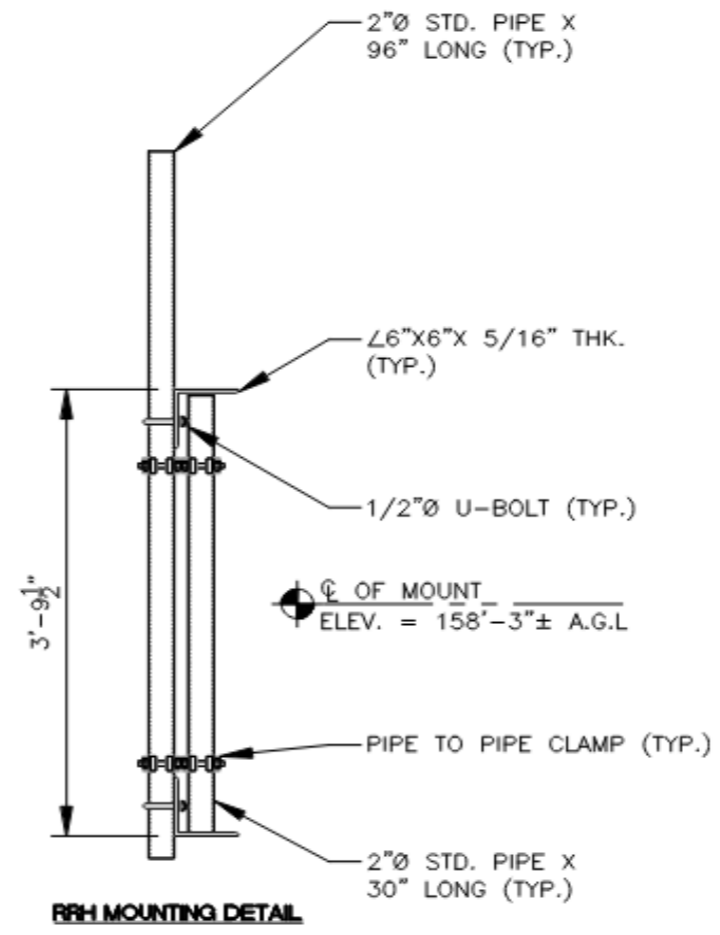
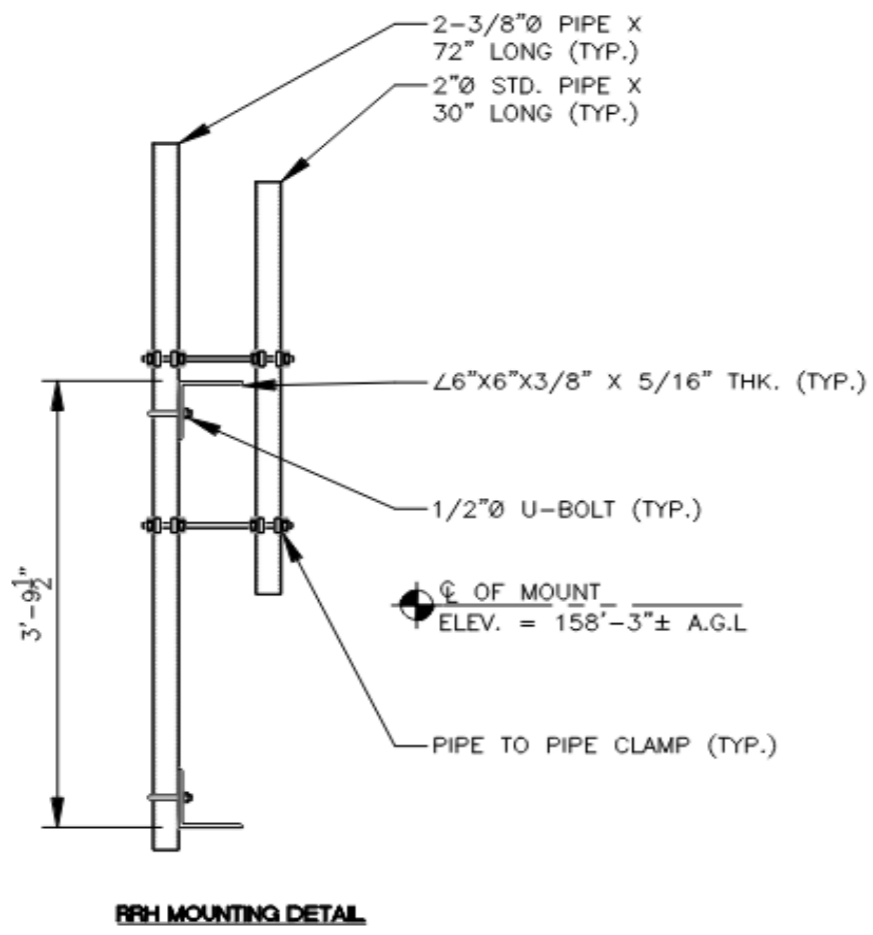
157132

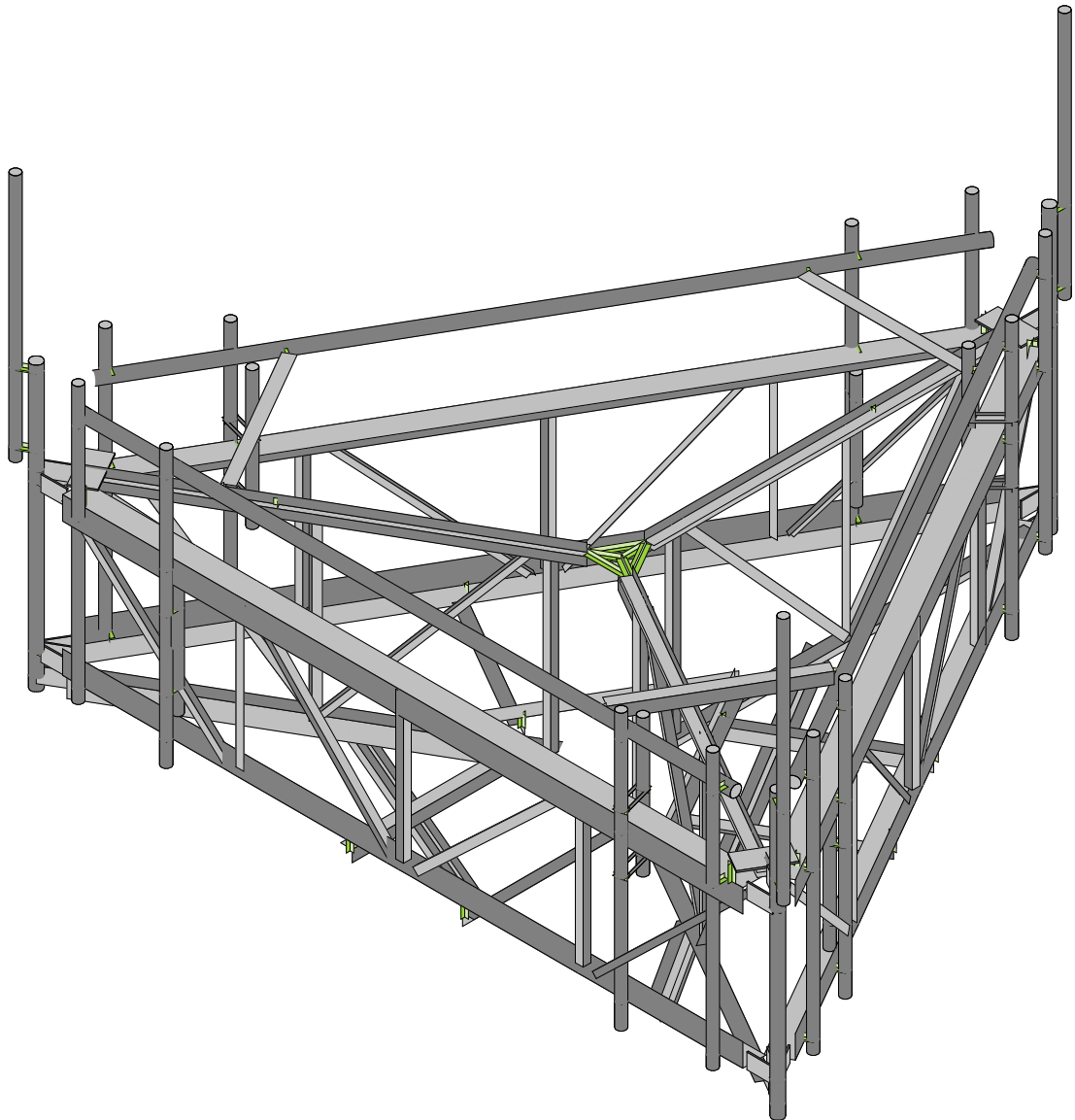
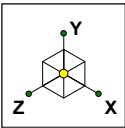


- (2) OVP
- (3) *Dead 12' Smalls on corner pipes.



Please Insert Sketches of the Antenna Mount, cont'd





Envelope Only Solution

SK - 1

Dec 11, 2023 at 9:12 AM

Mod_5000381595-VZW_MT_LO_...



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 Checked By: _____

Basic Load Cases

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



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 Checked By: _____

Basic Load Cases (Continued)

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed Area(Me...	Surface(P...
57	Structure Wi (120 De...	None						246	
58	Structure Wi (150 De...	None						246	
59	Structure Wi (180 De...	None						246	
60	Structure Wi (210 De...	None						246	
61	Structure Wi (240 De...	None						246	
62	Structure Wi (270 De...	None						246	
63	Structure Wi (300 De...	None						246	
64	Structure Wi (330 De...	None						246	
65	Structure Wm (0 Deg)	None						246	
66	Structure Wm (30 De...	None						246	
67	Structure Wm (60 De...	None						246	
68	Structure Wm (90 De...	None						246	
69	Structure Wm (120 D...	None						246	
70	Structure Wm (150 D...	None						246	
71	Structure Wm (180 D...	None						246	
72	Structure Wm (210 D...	None						246	
73	Structure Wm (240 D...	None						246	
74	Structure Wm (270 D...	None						246	
75	Structure Wm (300 D...	None						246	
76	Structure Wm (330 D...	None						246	
77	Lm1	None					1		
78	Lm2	None					1		
79	Lv1	None					1		
80	Lv2	None					1		
81	Antenna Ev	None					114		
82	Antenna Eh (0 Deg)	None					76		
83	Antenna Eh (90 Deg)	None					76		
84	Structure Ev	ELY		-.044					3
85	Structure Eh (0 Deg)	ELZ			-.109				3
86	Structure Eh (90 Deg)	ELX	.109						3
87	BLC 39 Transient Are...	None						36	
88	BLC 40 Transient Are...	None						36	
89	BLC 84 Transient Are...	None						36	
90	BLC 85 Transient Are...	None						36	
91	BLC 86 Transient Are...	None						36	

Load Combinations

	Description	So..	PDeltaS...	BLCFac..	BLCFac..	BLCFac..	BLCFac..	BLCFac..	BLCFac..	BLCFac..	BLCFac..	BLCFac..	BLCFac..	BLCFac..	BLCFac..	BLCFac..	BLCFac..
1	1.2D+1.0Wo (0 Deg)	Yes	Y	1	1.2	39	1.2	3	1	41	1						
2	1.2D+1.0Wo (30 Deg)	Yes	Y	1	1.2	39	1.2	4	1	42	1						
3	1.2D+1.0Wo (60 Deg)	Yes	Y	1	1.2	39	1.2	5	1	43	1						
4	1.2D+1.0Wo (90 Deg)	Yes	Y	1	1.2	39	1.2	6	1	44	1						
5	1.2D+1.0Wo (120 Deg)	Yes	Y	1	1.2	39	1.2	7	1	45	1						
6	1.2D+1.0Wo (150 Deg)	Yes	Y	1	1.2	39	1.2	8	1	46	1						
7	1.2D+1.0Wo (180 Deg)	Yes	Y	1	1.2	39	1.2	9	1	47	1						
8	1.2D+1.0Wo (210 Deg)	Yes	Y	1	1.2	39	1.2	10	1	48	1						
9	1.2D+1.0Wo (240 Deg)	Yes	Y	1	1.2	39	1.2	11	1	49	1						
10	1.2D+1.0Wo (270 Deg)	Yes	Y	1	1.2	39	1.2	12	1	50	1						
11	1.2D+1.0Wo (300 Deg)	Yes	Y	1	1.2	39	1.2	13	1	51	1						
12	1.2D+1.0Wo (330 Deg)	Yes	Y	1	1.2	39	1.2	14	1	52	1						
13	1.2D + 1.0Di + 1.0Wi (...)	Yes	Y	1	1.2	39	1.2	2	1	40	1	15	1	53	1		
14	1.2D + 1.0Di + 1.0Wi (...)	Yes	Y	1	1.2	39	1.2	2	1	40	1	16	1	54	1		
15	1.2D + 1.0Di + 1.0Wi (...)	Yes	Y	1	1.2	39	1.2	2	1	40	1	17	1	55	1		
16	1.2D + 1.0Di + 1.0Wi (...)	Yes	Y	1	1.2	39	1.2	2	1	40	1	18	1	56	1		
17	1.2D + 1.0Di + 1.0Wi (...)	Yes	Y	1	1.2	39	1.2	2	1	40	1	19	1	57	1		



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 Checked By: _____

Load Combinations (Continued)

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



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 Checked By: _____

Load Combinations (Continued)

Description	So.	PDelta	S...	BLCFac..	BLCFac..	BLCFac..	BLCFac..	BLCFac..	BLCFac..	BLCFac..	BLCFac..	BLCFac..	BLCFac..	BLCFac..	BLCFac..				
75 0.9D - 1.0Ev + 1.0Eh (...)	Yes	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	N1	0	0.041667	-0.270833	0	
2	N2	-0.	0.041667	-1.270833	0	
3	N3	-0.	0.041667	-9.104167	0	
4	N4	-0.	3.9375	-0.8125	0	
5	N7	-0.	3.9375	-1.395833	0	
6	N8	-0.	3.9375	-1.645833	0	
7	N9	-0.	0.041667	-1.395833	0	
8	N46	-7.416665	.5	4.395833	0	
9	N47	-7.416665	3.708333	4.395833	0	
10	N50	7.974651	.5	4.395833	0	
11	N54	7.416665	.5	4.395833	0	
12	N55	7.416665	3.708333	4.395833	0	
13	N98A	6.916665	.5	4.395833	0	
14	N99A	6.916665	3.708333	4.395833	0	
15	N106	6.916665	.5	4.645833	0	
16	N107	6.916665	3.708333	4.645833	0	
17	N114	6.916665	6.25	4.645833	0	
18	N118	6.916665	.25	4.645833	0	
19	N228	-1.25	.125	1.	0	
20	N229	1.25	.125	1.	0	
21	N229A	-1.25	.125	4.395833	0	
22	N230	1.25	.125	4.395833	0	
23	N231	-1.25	.5	4.395833	0	
24	N232	1.25	.5	4.395833	0	
25	N239	0	3.9375	-0.270833	0	
26	N164A	3.833332	.5	4.395833	0	
27	N165A	4.083332	.5	4.395833	0	
28	N166A	3.833332	3.708333	4.395833	0	
29	N159A	3.583332	3.708333	4.395833	0	
30	N160A	0.166665	.5	4.395833	0	
31	N159B	-0.083335	.5	4.395833	0	
32	N160B	-0.083335	3.708333	4.395833	0	
33	N161A	-0.333335	.5	4.395833	0	
34	N162A	-3.416668	3.708333	4.395833	0	
35	N163A	-3.666668	3.708333	4.395833	0	
36	N164B	-3.666668	.5	4.395833	0	
37	N165B	-3.916668	.5	4.395833	0	
38	N172A	-0.	.5	-9.604167	0	
39	N174A	-7.974651	.5	4.395833	0	
40	N171A	-0.	0.041667	-9.604167	0	
41	N172B	-0.	-0.208333	-9.604167	0	
42	N173B	-0.	5.958333	-9.604167	0	
43	N171B	7.974651	3.708333	4.395833	0	
44	N173C	-7.974651	3.708333	4.395833	0	
45	N175B	-0.	3.708333	-9.604167	0	
46	N171C	7.749784	.5	3.818854	0	
47	N172C	0.054127	.5	-9.510417	0	
48	N173A	0.333119	.5	-9.027187	0	
49	N174B	8.028777	.5	4.302083	0	
50	N178A	-0.333119	.5	-9.027187	0	
51	N179A	-8.028777	.5	4.302083	0	



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 Checked By: _____

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
52	N180A	-7.749784	.5	3.818854	0	
53	N181A	-0.054127	.5	-9.510417	0	
54	N177B	-8.082904	.5	4.395833	0	
55	N181B	8.082904	.5	4.395833	0	
56	N178B	-0.	.5	-9.484417	0	
57	N179B	-0.	.5	-8.984417	0	
58	N178C	-0.	3.9375	-9.604167	0	
59	N179C	-0.	3.9375	-9.484417	0	
60	N180B	-0.	3.9375	-8.984417	0	
61	N182A	-8.082904	3.708333	4.395833	0	
62	N183A	8.082904	3.708333	4.395833	0	
63	N183B	7.749784	3.708333	3.818854	0	
64	N184A	0.333119	3.708333	-9.027187	0	
65	N185A	0.054127	3.708333	-9.510417	0	
66	N186A	8.028777	3.708333	4.302083	0	
67	N190A	-0.333119	3.708333	-9.027187	0	
68	N191A	-7.749784	3.708333	3.818854	0	
69	N192A	-8.028777	3.708333	4.302083	0	
70	N193A	-0.054127	3.708333	-9.510417	0	
71	N190B	-0.866025	0.041667	0.229167	0	
72	N191B	-7.649891	0.041667	4.145833	0	
73	N192B	-0.469097	3.9375	0.	0	
74	N193B	-1.082532	3.9375	0.354167	0	
75	N194A	-1.190785	3.9375	0.416667	0	
76	N195A	-1.082532	0.041667	0.354167	0	
77	N198A	-8.082904	0.041667	4.395833	0	
78	N201A	-7.979197	.5	4.335958	0	
79	N202A	-7.546185	.5	4.085958	0	
80	N203A	-8.082904	3.9375	4.395833	0	
81	N204A	-7.979197	3.9375	4.335958	0	
82	N205A	-7.546185	3.9375	4.085958	0	
83	N206A	0.866025	0.041667	0.229167	0	
84	N207A	7.649891	0.041667	4.145833	0	
85	N208A	0.469097	3.9375	-0.	0	
86	N209A	1.082532	3.9375	0.354167	0	
87	N210A	1.190785	3.9375	0.416667	0	
88	N211A	1.082532	0.041667	0.354167	0	
89	N214B	8.082904	0.041667	4.395833	0	
90	N217A	7.979197	.5	4.335958	0	
91	N218A	7.546185	.5	4.085958	0	
92	N219A	8.082904	3.9375	4.395833	0	
93	N220A	7.979197	3.9375	4.335958	0	
94	N221A	7.546185	3.9375	4.085958	0	
95	N215A	-8.082904	-0.208333	4.395833	0	
96	N216A	-8.082904	5.958333	4.395833	0	
97	N218B	8.082904	-0.208333	4.395833	0	
98	N219B	8.082904	5.958333	4.395833	0	
99	N218C	-1.25	.375	1.	0	
100	N219C	1.25	.375	1.	0	
101	N220B	-2.201148	.375	1.	0	
102	N221B	2.201148	.375	1.	0	
103	N220C	-2.201148	0.041667	1.	0	
104	N221C	2.201148	0.041667	1.	0	
105	N223A	1.725574	.125	0.176282	0	
106	N224A	0.475574	.125	-1.988782	0	
107	N225A	4.666452	.125	-1.521635	0	
108	N226A	3.416452	.125	-3.686698	0	



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 Checked By: _____

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
109	N227A	4.666452	.5	-1.521635	0	
110	N228B	3.416452	.5	-3.686698	0	
111	N229B	1.725574	.375	0.176282	0	
112	N230A	0.475574	.375	-1.988782	0	
113	N232A	-0.	.375	-2.8125	0	
114	N234A	-0.	0.041667	-2.8125	0	
115	N236	-0.475574	.125	-1.988782	0	
116	N237	-1.725574	.125	0.176282	0	
117	N238	-3.416452	.125	-3.686698	0	
118	N239A	-4.666452	.125	-1.521635	0	
119	N240	-3.416452	.5	-3.686698	0	
120	N241	-4.666452	.5	-1.521635	0	
121	N242	-0.475574	.375	-1.988782	0	
122	N243	-1.725574	.375	0.176282	0	
123	N243A	2.124786	.5	-5.923929	0	
124	N244	1.999786	.5	-6.140436	0	
125	N245	2.124786	3.708333	-5.923929	0	
126	N246	2.249786	3.708333	-5.707423	0	
127	N247	3.958119	.5	-2.748503	0	
128	N248	4.083119	.5	-2.531996	0	
129	N249	4.083119	3.708333	-2.531996	0	
130	N250	4.208119	.5	-2.31549	0	
131	N251	5.749786	3.708333	0.354755	0	
132	N252	5.874786	3.708333	0.571261	0	
133	N253	5.874786	.5	0.571261	0	
134	N254	5.999786	.5	0.787768	0	
135	N258	-5.958118	.5	0.715596	0	
136	N259	-6.083118	.5	0.932102	0	
137	N260	-5.958118	3.708333	0.715596	0	
138	N261	-5.833118	3.708333	0.49909	0	
139	N262	-4.124784	.5	-2.459831	0	
140	N263	-3.999784	.5	-2.676337	0	
141	N264	-3.999784	3.708333	-2.676337	0	
142	N265	-3.874784	.5	-2.892843	0	
143	N266	-2.333118	3.708333	-5.563088	0	
144	N267	-2.208118	3.708333	-5.779595	0	
145	N268	-2.208118	.5	-5.779595	0	
146	N269	-2.083118	.5	-5.996101	0	
147	N151	4.916665	.5	4.395833	0	
148	N152	4.916665	3.708333	4.395833	0	
149	N153	4.916665	.5	4.645833	0	
150	N154	4.916665	3.708333	4.645833	0	
151	N155	4.916665	6	4.645833	0	
152	N156	4.916665	0	4.645833	0	
153	N157	-5.000002	.5	4.395833	0	
154	N158	-5.000002	3.708333	4.395833	0	
155	N159	-5.000002	.5	4.645833	0	
156	N160	-5.000002	3.708333	4.645833	0	
157	N161	-5.000002	6	4.645833	0	
158	N162	-5.000002	0	4.645833	0	
159	N163	-6.916668	.5	4.395833	0	
160	N164	-6.916668	3.708333	4.395833	0	
161	N165	-6.916668	.5	4.645833	0	
162	N166	-6.916668	3.708333	4.645833	0	
163	N167	-6.916668	6.25	4.645833	0	
164	N168	-6.916668	.25	4.645833	0	
165	N170	0.583119	.5	-8.594174	0	



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 Checked By: _____

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
166	N171	0.583119	3.708333	-8.594174	0	
167	N172	0.799626	.5	-8.719174	0	
168	N173	0.799626	3.708333	-8.719174	0	
169	N174	0.799626	6.25	-8.719174	0	
170	N175	0.799626	.25	-8.719174	0	
171	N176	1.583119	.5	-6.862123	0	
172	N177	1.583119	3.708333	-6.862123	0	
173	N178	1.799626	.5	-6.987123	0	
174	N179	1.799626	3.708333	-6.987123	0	
175	N180	1.799626	6	-6.987123	0	
176	N181	1.799626	0	-6.987123	0	
177	N182	6.541453	.5	1.725962	0	
178	N183	6.541453	3.708333	1.725962	0	
179	N184	6.757959	.5	1.600962	0	
180	N185	6.757959	3.708333	1.600962	0	
181	N186	6.757959	6	1.600962	0	
182	N187	6.757959	0	1.600962	0	
183	N188	7.499786	.5	3.385844	0	
184	N189	7.499786	3.708333	3.385844	0	
185	N190	7.716292	.5	3.260844	0	
186	N191	7.716292	3.708333	3.260844	0	
187	N192	7.716292	6.25	3.260844	0	
188	N193	7.716292	.25	3.260844	0	
189	N195	-7.499784	.5	3.385841	0	
190	N196	-7.499784	3.708333	3.385841	0	
191	N197	-7.716291	.5	3.260841	0	
192	N198	-7.716291	3.708333	3.260841	0	
193	N199	-7.716291	6.25	3.260841	0	
194	N200	-7.716291	.25	3.260841	0	
195	N201	-6.499784	.5	1.65379	0	
196	N202	-6.499784	3.708333	1.65379	0	
197	N203	-6.716291	.5	1.52879	0	
198	N204	-6.716291	3.708333	1.52879	0	
199	N205	-6.716291	6	1.52879	0	
200	N206	-6.716291	0	1.52879	0	
201	N207	-1.541451	.5	-6.934295	0	
202	N208	-1.541451	3.708333	-6.934295	0	
203	N209	-1.757957	.5	-7.059295	0	
204	N210	-1.757957	3.708333	-7.059295	0	
205	N211	-1.757957	6	-7.059295	0	
206	N212	-1.757957	0	-7.059295	0	
207	N213	-0.583118	.5	-8.594177	0	
208	N214	-0.583118	3.708333	-8.594177	0	
209	N215	-0.799624	.5	-8.719177	0	
210	N216	-0.799624	3.708333	-8.719177	0	
211	N217	-0.799624	6.25	-8.719177	0	
212	N218	-0.799624	.25	-8.719177	0	
213	N218D	-0.	0.041667	-1.645833	0	
214	N220	-0.974279	0.041667	0.291667	0	
215	N221	-1.190785	0.041667	0.416667	0	
216	N223	0.974279	0.041667	0.291667	0	
217	N224	1.190785	0.041667	0.416667	0	
218	N223B	4.916665	4.125	4.645833	0	
219	N224B	5.017282	4.125	4.618873	0	
220	N225	4.816048	4.125	4.672794	0	
221	N226	4.844736	4.125	3.974922	0	
222	N227	4.643502	4.125	4.028843	0	



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 Checked By: _____

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
223	N228A	4.744119	4.125	4.001883	0	
224	N229C	4.744119	5.5	4.001883	0	
225	N230B	4.744119	2.5	4.001883	0	
226	N231A	4.916665	2.875	4.645833	0	
227	N232B	5.017282	2.875	4.618873	0	
228	N233	4.816048	2.875	4.672794	0	
229	N234B	4.844736	2.875	3.974922	0	
230	N235A	4.643502	2.875	4.028843	0	
231	N236A	4.744119	2.875	4.001883	0	
232	N240A	1.799626	4.125	-6.987123	0	
233	N241A	1.725969	4.125	-7.06078	0	
234	N242A	1.873283	4.125	-6.913467	0	
235	N243B	1.254564	4.125	-6.589376	0	
236	N244A	1.401878	4.125	-6.442062	0	
237	N245A	1.328221	4.125	-6.515719	0	
238	N246A	1.328221	5.5	-6.515719	0	
239	N247A	1.328221	2.5	-6.515719	0	
240	N248A	1.799626	2.875	-6.987123	0	
241	N249A	1.725969	2.875	-7.06078	0	
242	N250A	1.873283	2.875	-6.913467	0	
243	N251A	1.254564	2.875	-6.589376	0	
244	N252A	1.401878	2.875	-6.442062	0	
245	N253A	1.328221	2.875	-6.515719	0	
246	N257	-6.716291	4.125	1.52879	0	
247	N258A	-6.743251	4.125	1.629407	0	
248	N259A	-6.68933	4.125	1.428173	0	
249	N260A	-6.099301	4.125	1.801953	0	
250	N261A	-6.04538	4.125	1.600719	0	
251	N262A	-6.07234	4.125	1.701336	0	
252	N263A	-6.07234	5.5	1.701336	0	
253	N264B	-6.07234	2.5	1.701336	0	
254	N265A	-6.716291	2.875	1.52879	0	
255	N266A	-6.743251	2.875	1.629407	0	
256	N267A	-6.68933	2.875	1.428173	0	
257	N268A	-6.099301	2.875	1.801953	0	
258	N269A	-6.04538	2.875	1.600719	0	
259	N270	-6.07234	2.875	1.701336	0	
260	N265C	-5.000002	2.104167	4.395833	0	
261	N266B	-5.000002	3.354167	4.395833	0	
262	N267B	-5.000002	0.854167	4.395833	0	
263	N268B	-5.000002	2.854167	4.395833	0	
264	N269B	-5.000002	1.354167	4.395833	0	
265	N270A	-5.000002	2.854167	4.645833	0	
266	N271	-5.000002	1.354167	4.645833	0	
267	N273	6.541453	3.354167	1.725962	0	
268	N274	6.541453	0.854167	1.725962	0	
269	N275	6.541453	2.854167	1.725962	0	
270	N276	6.541453	1.354167	1.725962	0	
271	N277	6.757959	2.854167	1.600962	0	
272	N278	6.757959	1.354167	1.600962	0	
273	N280	-1.541451	3.354167	-6.934295	0	
274	N281	-1.541451	0.854167	-6.934295	0	
275	N282	-1.541451	2.854167	-6.934295	0	
276	N283	-1.541451	1.354167	-6.934295	0	
277	N284	-1.757957	2.854167	-7.059295	0	
278	N285	-1.757957	1.354167	-7.059295	0	
279	N284A	-0.	4.291667	-9.604167	0	



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 Checked By: _____

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
280	N285A	-0.	5.791667	-9.604167	0	
281	N286	-0.	4.291667	-9.9375	0	
282	N287	-0.	5.791667	-9.9375	0	
283	N288	-0.	4.041667	-9.9375	0	
284	N289	-0.	9.458333	-9.9375	0	
285	N291	-8.082904	4.291667	4.395833	0	
286	N292	-8.082904	5.791667	4.395833	0	
287	N293	-8.371579	4.291667	4.5625	0	
288	N294	-8.371579	5.791667	4.5625	0	
289	N295	-8.371579	4.041667	4.5625	0	
290	N296	-8.371579	9.458333	4.5625	0	
291	N298	8.082904	4.291667	4.395833	0	
292	N299	8.082904	5.791667	4.395833	0	
293	N300	8.371579	4.291667	4.5625	0	
294	N301	8.371579	5.791667	4.5625	0	
295	N302	8.371579	4.041667	4.5625	0	
296	N303	8.371579	9.458333	4.5625	0	
297	N302A	6.916665	5.458333	4.395833	0	
298	N303A	6.916665	5.458333	4.645833	0	
299	N304	4.916665	5.458333	4.395833	0	
300	N305	4.916665	5.458333	4.645833	0	
301	N306	-5.000002	5.458333	4.395833	0	
302	N307	-5.000002	5.458333	4.645833	0	
303	N308	-6.916668	5.458333	4.395833	0	
304	N309	-6.916668	5.458333	4.645833	0	
305	N310	-7.166668	5.458333	4.395833	0	
306	N311	7.166665	5.458333	4.395833	0	
307	N313	0.583119	5.458333	-8.594174	0	
308	N314	0.799626	5.458333	-8.719174	0	
309	N315	1.583119	5.458333	-6.862123	0	
310	N316	1.799626	5.458333	-6.987123	0	
311	N317	6.541453	5.458333	1.725962	0	
312	N318	6.757959	5.458333	1.600962	0	
313	N319	7.499786	5.458333	3.385844	0	
314	N320	7.716292	5.458333	3.260844	0	
315	N321	7.624786	5.458333	3.60235	0	
316	N322	0.458119	5.458333	-8.810681	0	
317	N324	-7.499784	5.458333	3.385841	0	
318	N325	-7.716291	5.458333	3.260841	0	
319	N326	-6.499784	5.458333	1.65379	0	
320	N327	-6.716291	5.458333	1.52879	0	
321	N328	-1.541451	5.458333	-6.934295	0	
322	N329	-1.757957	5.458333	-7.059295	0	
323	N330	-0.583118	5.458333	-8.594177	0	
324	N331	-0.799624	5.458333	-8.719177	0	
325	N332	-0.458118	5.458333	-8.810683	0	
326	N333	-7.624784	5.458333	3.602347	0	
327	N332A	-4.166668	5.458333	4.395833	0	
328	N333A	4.166665	5.458333	4.395833	0	
329	N334	-4.166668	5.458333	4.229167	0	
330	N335	4.166665	5.458333	4.229167	0	
331	N337	6.124786	5.458333	1.004274	0	
332	N338	1.958119	5.458333	-6.212604	0	
333	N339	5.980448	5.458333	1.087607	0	
334	N340	1.813782	5.458333	-6.129271	0	
335	N342	-1.958118	5.458333	-6.212607	0	
336	N343	-6.124784	5.458333	1.004271	0	



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 Checked By: _____

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
337	N344	-1.81378	5.458333	-6.129274	0	
338	N345	-5.980447	5.458333	1.087604	0	
339	N344A	-0.	3.9375	-8.734417	0	
340	N345A	-0.	4.0625	-8.734417	0	
341	N348	-0.50215	3.708333	-8.734417	0	
342	N349	0.50215	3.708333	-8.734417	0	
343	N350	-0.50215	4.0625	-8.734417	0	
344	N351	0.50215	4.0625	-8.734417	0	
345	N351A	-7.329678	3.9375	3.960958	0	
346	N352	-7.329678	4.0625	3.960958	0	
347	N353	-7.078603	3.708333	4.395833	0	
348	N354	-7.580753	3.708333	3.526083	0	
349	N355	-7.078603	4.0625	4.395833	0	
350	N356	-7.580753	4.0625	3.526083	0	
351	N358	7.329678	3.9375	3.960958	0	
352	N359	7.329678	4.0625	3.960958	0	
353	N360	7.580753	3.708333	3.526083	0	
354	N361	7.078603	3.708333	4.395833	0	
355	N362	7.580753	4.0625	3.526083	0	
356	N363	7.078603	4.0625	4.395833	0	
357	N364	-0.	0.041667	-5.1875	0	
358	N365	-0.	3.9375	-7.941437	0	
359	N366	-0.	3.9375	-5.1875	0	
360	N365A	-0.	4.0625	-5.734417	0	
361	N370	-0.	3.708333	-5.734417	0	
362	N371	-0.	3.9375	-5.734417	0	
363	N373	-4.731602	4.0625	2.460958	0	
364	N377	4.731602	4.0625	2.460958	0	
365	N379A	-4.731602	3.9375	2.460958	0	
366	N382	4.731602	3.9375	2.460958	0	
367	N383A	-0.974279	3.9375	0.291667	0	
368	N387	0.974279	3.9375	0.291667	0	
369	N385	-0.	0.041667	-4.604167	0	
370	N386	0	-2.958333	-0.270833	0	
371	N387A	-0.	-2.958333	-2.645833	0	
372	N389	-3.752777	0.041667	1.895833	0	
373	N391	-2.05681	-2.958333	0.916667	0	
374	N393	3.752777	0.041667	1.895833	0	
375	N395	2.05681	-2.958333	0.916667	0	
376	N394	-4.257958	0.041667	2.1875	0	
377	N395A	-6.642938	3.9375	3.564469	0	
378	N396	-4.257958	3.9375	2.1875	0	
379	N399	4.257958	0.041667	2.1875	0	
380	N400	6.642938	3.9375	3.564469	0	
381	N401	4.257958	3.9375	2.1875	0	

Hot Rolled Steel Section Sets

	Label	Shape	Type	Design List	Material	Design ...	A [in2]	Iyy [in4]	Izz [in4]	J [in4]
1	Mount Pipe	PIPE 2.0	Column	Pipe	A53 Gr. B	Typical	1.02	.627	.627	1.25
2	Standoff Horizontal Bo...	L5X3.5X4	Beam	Single Angle	A36 Gr.36	Typical	2.07	2.2	5.36	.046
3	Standoff Vertical	L2x2x3	Column	Single Angle	A36 Gr.36	Typical	.722	.271	.271	.009
4	Standoff Diagonal	L2x1.5x3	VBrace	Wide Flange	A36 Gr.36	Typical	.621	.12	.248	.007
5	Corner Pipe	PIPE 2.5	Column	Pipe	A53 Gr. B	Typical	1.61	1.45	1.45	2.89
6	Standoff Horizontal Top	L2.5x2.5x3	Beam	Single Angle	A36 Gr.36	Typical	.901	.535	.535	.011
7	Face Horizontal	L6X6X6	Beam	RECT	A36 Gr.36	Typical	4.38	15.4	15.4	.218



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 Checked By: _____

Hot Rolled Steel Section Sets (Continued)

	Label	Shape	Type	Design List	Material	Design ...	A [in2]	Iyy [in4]	Izz [in4]	J [in4]
8	Face Diagonal	L2x1.5x3	Beam	RECT	A36 Gr.36	Typical	.621	.12	.248	.007
9	Face Vertical	L2x2x3	Column	Single Angle	A36 Gr.36	Typical	.722	.271	.271	.009
10	Face Plate	PL3/8x4	Beam	RECT	A36 Gr.36	Typical	1.5	.018	2	.066
11	Threaded Rod	SR 0.5	Beam	BAR	A36 Gr.36	Typical	.196	.003	.003	.006
12	Standoff Bracing	L3X3X4	Beam	Single Angle	A36 Gr.36	Typical	1.44	1.23	1.23	.031
13	Ladder Angle	L3X3X4	Beam	Single Angle	A36 Gr.36	Typical	1.44	1.23	1.23	.031
14	MOD Support Rail	PIPE 2.5	Beam	Pipe	A53 Gr. B	Typical	1.61	1.45	1.45	2.89
15	MOD Support Rail An...	L3X3X4	Beam	Single Angle	A36 Gr.36	Typical	1.44	1.23	1.23	.031
16	MOD Corner Plate	PL3/8x6	Beam	RECT	A36 Gr.36	Typical	2.25	.026	6.75	.101
17	MOD Kicker	LL3x3x3x3	Beam	Double Angle ...	A36 Gr.36	Typical	2.18	4.09	1.9	.027
18	MOD Double Angle St...	LL2.5x2.5x3x3	Beam	Double Angle ...	A36 Gr.36	Typical	1.8	2.46	1.07	.023

Hot Rolled Steel Properties

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

Member Primary Data

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



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 Checked By: _____

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
32	M114A	N181A	N172A			RIGID	None	None	RIGID	Typical
33	M112B	N179A	N177B			RIGID	None	None	RIGID	Typical
34	M113B	N174A	N177B			RIGID	None	None	RIGID	Typical
35	M114B	N50	N181B			RIGID	None	None	RIGID	Typical
36	M115A	N174B	N181B			RIGID	None	None	RIGID	Typical
37	M116A	N171C	N173A		270	Face Horizontal	Beam	RECT	A36 Gr.36	Typical
38	M117B	N178A	N180A		270	Face Horizontal	Beam	RECT	A36 Gr.36	Typical
39	M118A	N179B	N178B			Face Plate	Beam	RECT	A36 Gr.36	Typical
40	M118B	N172A	N178B			RIGID	None	None	RIGID	Typical
41	M118C	N180B	N179C			Face Plate	Beam	RECT	A36 Gr.36	Typical
42	M119A	N178C	N179C			RIGID	None	None	RIGID	Typical
43	M120A	N173C	N182A			RIGID	None	None	RIGID	Typical
44	M121A	N171B	N183A			RIGID	None	None	RIGID	Typical
45	M122A	N184A	N183B		90	Face Horizontal	Beam	RECT	A36 Gr.36	Typical
46	M123A	N186A	N183B			Face Plate	Beam	RECT	A36 Gr.36	Typical
47	M124A	N185A	N184A			Face Plate	Beam	RECT	A36 Gr.36	Typical
48	M125A	N186A	N183A			RIGID	None	None	RIGID	Typical
49	M126A	N185A	N175B			RIGID	None	None	RIGID	Typical
50	M127A	N191A	N190A		90	Face Horizontal	Beam	RECT	A36 Gr.36	Typical
51	M128A	N193A	N190A			Face Plate	Beam	RECT	A36 Gr.36	Typical
52	M129A	N192A	N191A			Face Plate	Beam	RECT	A36 Gr.36	Typical
53	M130A	N193A	N175B			RIGID	None	None	RIGID	Typical
54	M131A	N192A	N182A			RIGID	None	None	RIGID	Typical
55	M132A	N205A	N192B		90	MOD Double ...	Beam	Double Angle (...)	A36 Gr.36	Typical
56	M133A	N191B	N190B		180	Standoff Horiz...	Beam	Single Angle	A36 Gr.36	Typical
57	M136B	N191B	N198A			Face Plate	Beam	RECT	A36 Gr.36	Typical
58	M137	N192B	N239			RIGID	None	None	RIGID	Typical
59	M140A	N202A	N201A			Face Plate	Beam	RECT	A36 Gr.36	Typical
60	M141A	N177B	N201A			RIGID	None	None	RIGID	Typical
61	M142A	N205A	N204A			Face Plate	Beam	RECT	A36 Gr.36	Typical
62	M143A	N203A	N204A			RIGID	None	None	RIGID	Typical
63	M144A	N221A	N208A		90	MOD Double ...	Beam	Double Angle (...)	A36 Gr.36	Typical
64	M145B	N207A	N206A		180	Standoff Horiz...	Beam	Single Angle	A36 Gr.36	Typical
65	M148A	N207A	N214B			Face Plate	Beam	RECT	A36 Gr.36	Typical
66	M149A	N208A	N239			RIGID	None	None	RIGID	Typical
67	M152	N218A	N217A			Face Plate	Beam	RECT	A36 Gr.36	Typical
68	M153	N181B	N217A			RIGID	None	None	RIGID	Typical
69	M154	N221A	N220A			Face Plate	Beam	RECT	A36 Gr.36	Typical
70	M155A	N219A	N220A			RIGID	None	None	RIGID	Typical
71	M152A	N216A	N215A			Corner Pipe	Column	Pipe	A53 Gr. B	Typical
72	M153A	N219B	N218B			Corner Pipe	Column	Pipe	A53 Gr. B	Typical
73	M154A	N228	N218C			RIGID	None	None	RIGID	Typical
74	M155B	N229	N219C			RIGID	None	None	RIGID	Typical
75	M156	N220B	N221B			Standoff Braci...	Beam	Single Angle	A36 Gr.36	Typical
76	M156A	N220B	N220C			RIGID	None	None	RIGID	Typical
77	M157	N221B	N221C			RIGID	None	None	RIGID	Typical
78	M158	N227A	N225A			RIGID	None	None	RIGID	Typical
79	M159	N228B	N226A			RIGID	None	None	RIGID	Typical
80	M160	N223A	N225A		90	Ladder Angle	Beam	Single Angle	A36 Gr.36	Typical
81	M161	N224A	N226A		180	Ladder Angle	Beam	Single Angle	A36 Gr.36	Typical
82	M162	N223A	N229B			RIGID	None	None	RIGID	Typical
83	M163	N224A	N230A			RIGID	None	None	RIGID	Typical
84	M164	N221B	N232A			Standoff Braci...	Beam	Single Angle	A36 Gr.36	Typical
85	M166	N232A	N234A			RIGID	None	None	RIGID	Typical
86	M167	N240	N238			RIGID	None	None	RIGID	Typical
87	M168	N241	N239A			RIGID	None	None	RIGID	Typical
88	M169	N236	N238		90	Ladder Angle	Beam	Single Angle	A36 Gr.36	Typical



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 Checked By: _____

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
89	M170	N237	N239A		180	Ladder Angle	Beam	Single Angle	A36 Gr.36	Typical
90	M171	N236	N242			RIGID	None	None	RIGID	Typical
91	M172	N237	N243			RIGID	None	None	RIGID	Typical
92	M173	N232A	N220B			Standoff Braci...	Beam	Single Angle	A36 Gr.36	Typical
93	M173A	N184A	N244		90	Face Diagonal	Beam	RECT	A36 Gr.36	Typical
94	M174	N245	N243A			Face Vertical	Column	Single Angle	A36 Gr.36	Typical
95	M175	N247	N246		180	Face Diagonal	Beam	RECT	A36 Gr.36	Typical
96	M176	N248	N249		270	Face Vertical	Column	Single Angle	A36 Gr.36	Typical
97	M177	N250	N251		90	Face Diagonal	Beam	RECT	A36 Gr.36	Typical
98	M178	N253	N252		180	Face Vertical	Column	Single Angle	A36 Gr.36	Typical
99	M179	N183B	N254		180	Face Diagonal	Beam	RECT	A36 Gr.36	Typical
100	M180	N191A	N259		90	Face Diagonal	Beam	RECT	A36 Gr.36	Typical
101	M181	N260	N258			Face Vertical	Column	Single Angle	A36 Gr.36	Typical
102	M182	N262	N261		180	Face Diagonal	Beam	RECT	A36 Gr.36	Typical
103	M183	N263	N264		270	Face Vertical	Column	Single Angle	A36 Gr.36	Typical
104	M184	N265	N266		90	Face Diagonal	Beam	RECT	A36 Gr.36	Typical
105	M185	N268	N267		180	Face Vertical	Column	Single Angle	A36 Gr.36	Typical
106	M186	N190A	N269		180	Face Diagonal	Beam	RECT	A36 Gr.36	Typical
107	M115	N152	N154			RIGID	None	None	RIGID	Typical
108	M116	N151	N153			RIGID	None	None	RIGID	Typical
109	MP2A	N155	N156			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
110	M118	N158	N160			RIGID	None	None	RIGID	Typical
111	M119	N157	N159			RIGID	None	None	RIGID	Typical
112	MP3A	N161	N162			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
113	M121	N164	N166			RIGID	None	None	RIGID	Typical
114	M122	N163	N165			RIGID	None	None	RIGID	Typical
115	MP4A	N167	N168			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
116	M124	N171	N173			RIGID	None	None	RIGID	Typical
117	M125	N170	N172			RIGID	None	None	RIGID	Typical
118	MP1C	N174	N175			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
119	M127	N177	N179			RIGID	None	None	RIGID	Typical
120	M128	N176	N178			RIGID	None	None	RIGID	Typical
121	MP2C	N180	N181			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
122	M130	N183	N185			RIGID	None	None	RIGID	Typical
123	M131	N182	N184			RIGID	None	None	RIGID	Typical
124	MP3C	N186	N187			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
125	M133	N189	N191			RIGID	None	None	RIGID	Typical
126	M134	N188	N190			RIGID	None	None	RIGID	Typical
127	MP4C	N192	N193			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
128	M136	N196	N198			RIGID	None	None	RIGID	Typical
129	M137A	N195	N197			RIGID	None	None	RIGID	Typical
130	MP1B	N199	N200			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
131	M139	N202	N204			RIGID	None	None	RIGID	Typical
132	M140	N201	N203			RIGID	None	None	RIGID	Typical
133	MP2B	N205	N206			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
134	M142	N208	N210			RIGID	None	None	RIGID	Typical
135	M143	N207	N209			RIGID	None	None	RIGID	Typical
136	MP3B	N211	N212			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
137	M145A	N214	N216			RIGID	None	None	RIGID	Typical
138	M146A	N213	N215			RIGID	None	None	RIGID	Typical
139	MP4B	N217	N218			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
140	M148B	N229C	N230B			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
141	M149	N223B	N224B			RIGID	None	None	RIGID	Typical
142	M150A	N223B	N225			RIGID	None	None	RIGID	Typical
143	M151	N228A	N227			RIGID	None	None	RIGID	Typical
144	M152B	N228A	N226			RIGID	None	None	RIGID	Typical
145	M153B	N225	N227			Threaded Rod	Beam	BAR	A36 Gr.36	Typical



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 Checked By: _____

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
146	M154B	N224B	N226			Threaded Rod	Beam	BAR	A36 Gr.36	Typical
147	M155C	N231A	N232B			RIGID	None	None	RIGID	Typical
148	M156B	N231A	N233			RIGID	None	None	RIGID	Typical
149	M157A	N236A	N235A			RIGID	None	None	RIGID	Typical
150	M158A	N236A	N234B			RIGID	None	None	RIGID	Typical
151	M159A	N233	N235A			Threaded Rod	Beam	BAR	A36 Gr.36	Typical
152	M160A	N232B	N234B			Threaded Rod	Beam	BAR	A36 Gr.36	Typical
153	M162A	N246A	N247A			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
154	M163A	N240A	N241A			RIGID	None	None	RIGID	Typical
155	M164A	N240A	N242A			RIGID	None	None	RIGID	Typical
156	M165	N245A	N244A			RIGID	None	None	RIGID	Typical
157	M166A	N245A	N243B			RIGID	None	None	RIGID	Typical
158	M167A	N242A	N244A			Threaded Rod	Beam	BAR	A36 Gr.36	Typical
159	M168A	N241A	N243B			Threaded Rod	Beam	BAR	A36 Gr.36	Typical
160	M169A	N248A	N249A			RIGID	None	None	RIGID	Typical
161	M170A	N248A	N250A			RIGID	None	None	RIGID	Typical
162	M171A	N253A	N252A			RIGID	None	None	RIGID	Typical
163	M172A	N253A	N251A			RIGID	None	None	RIGID	Typical
164	M173B	N250A	N252A			Threaded Rod	Beam	BAR	A36 Gr.36	Typical
165	M174A	N249A	N251A			Threaded Rod	Beam	BAR	A36 Gr.36	Typical
166	M176A	N263A	N264B			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
167	M177A	N257	N258A			RIGID	None	None	RIGID	Typical
168	M178A	N257	N259A			RIGID	None	None	RIGID	Typical
169	M179A	N262A	N261A			RIGID	None	None	RIGID	Typical
170	M180A	N262A	N260A			RIGID	None	None	RIGID	Typical
171	M181A	N259A	N261A			Threaded Rod	Beam	BAR	A36 Gr.36	Typical
172	M182A	N258A	N260A			Threaded Rod	Beam	BAR	A36 Gr.36	Typical
173	M183A	N265A	N266A			RIGID	None	None	RIGID	Typical
174	M184A	N265A	N267A			RIGID	None	None	RIGID	Typical
175	M185A	N270	N269A			RIGID	None	None	RIGID	Typical
176	M186A	N270	N268A			RIGID	None	None	RIGID	Typical
177	M187B	N267A	N269A			Threaded Rod	Beam	BAR	A36 Gr.36	Typical
178	M188	N266A	N268A			Threaded Rod	Beam	BAR	A36 Gr.36	Typical
179	M187C	N266B	N267B			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
180	M188A	N270A	N268B			RIGID	None	None	RIGID	Typical
181	M189	N271	N269B			RIGID	None	None	RIGID	Typical
182	M190	N273	N274			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
183	M191	N277	N275			RIGID	None	None	RIGID	Typical
184	M192	N278	N276			RIGID	None	None	RIGID	Typical
185	M193	N280	N281			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
186	M194	N284	N282			RIGID	None	None	RIGID	Typical
187	M195	N285	N283			RIGID	None	None	RIGID	Typical
188	M196	N285A	N287			RIGID	None	None	RIGID	Typical
189	M197	N284A	N286			RIGID	None	None	RIGID	Typical
190	M198	N289	N288			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
191	M199	N292	N294			RIGID	None	None	RIGID	Typical
192	M200	N291	N293			RIGID	None	None	RIGID	Typical
193	M201	N296	N295			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
194	M202	N299	N301			RIGID	None	None	RIGID	Typical
195	M203	N298	N300			RIGID	None	None	RIGID	Typical
196	M204	N303	N302			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
197	M205	N302A	N303A			RIGID	None	None	RIGID	Typical
198	M206	N304	N305			RIGID	None	None	RIGID	Typical
199	M207	N306	N307			RIGID	None	None	RIGID	Typical
200	M208	N308	N309			RIGID	None	None	RIGID	Typical
201	M209	N310	N311			MOD Support ...	Beam	Pipe	A53 Gr. B	Typical
202	M210	N313	N314			RIGID	None	None	RIGID	Typical



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 Checked By: _____

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
203	M211	N315	N316			RIGID	None	None	RIGID	Typical
204	M212	N317	N318			RIGID	None	None	RIGID	Typical
205	M213	N319	N320			RIGID	None	None	RIGID	Typical
206	M214	N321	N322			MOD Support ...	Beam	Pipe	A53 Gr. B	Typical
207	M215	N324	N325			RIGID	None	None	RIGID	Typical
208	M216	N326	N327			RIGID	None	None	RIGID	Typical
209	M217	N328	N329			RIGID	None	None	RIGID	Typical
210	M218	N330	N331			RIGID	None	None	RIGID	Typical
211	M219	N332	N333			MOD Support ...	Beam	Pipe	A53 Gr. B	Typical
212	M220	N332A	N334			RIGID	None	None	RIGID	Typical
213	M221	N333A	N335			RIGID	None	None	RIGID	Typical
214	M222	N337	N339			RIGID	None	None	RIGID	Typical
215	M223	N338	N340			RIGID	None	None	RIGID	Typical
216	M224	N342	N344			RIGID	None	None	RIGID	Typical
217	M225	N343	N345			RIGID	None	None	RIGID	Typical
218	M226	N344	N340		90	MOD Support ...	Beam	Single Angle	A36 Gr.36	Typical
219	M227	N334	N345		90	MOD Support ...	Beam	Single Angle	A36 Gr.36	Typical
220	M228	N339	N335		90	MOD Support ...	Beam	Single Angle	A36 Gr.36	Typical
221	M231	N350	N351		90	MOD Corner P...	Beam	RECT	A36 Gr.36	Typical
222	M230	N348	N350		60	RIGID	None	None	RIGID	Typical
223	M231A	N344A	N345A			RIGID	None	None	RIGID	Typical
224	M232	N349	N351		30	RIGID	None	None	RIGID	Typical
225	M233	N355	N356		90	MOD Corner P...	Beam	RECT	A36 Gr.36	Typical
226	M234	N353	N355			RIGID	None	None	RIGID	Typical
227	M235	N351A	N352		30	RIGID	None	None	RIGID	Typical
228	M236	N354	N356		60	RIGID	None	None	RIGID	Typical
229	M237	N362	N363		90	MOD Corner P...	Beam	RECT	A36 Gr.36	Typical
230	M238	N360	N362		30	RIGID	None	None	RIGID	Typical
231	M239	N358	N359		60	RIGID	None	None	RIGID	Typical
232	M240	N361	N363			RIGID	None	None	RIGID	Typical
233	M242	N8	N364	N1		Standoff Vertical	Column	Single Angle	A36 Gr.36	Typical
234	M243	N364	N365	N1		Standoff Vertical	Column	Single Angle	A36 Gr.36	Typical
235	M244	N366	N364	N1		Standoff Vertical	Column	Single Angle	A36 Gr.36	Typical
236	M244A	N371	N365A			RIGID	None	None	RIGID	Typical
237	M248	N379A	N373		30	RIGID	None	None	RIGID	Typical
238	M251	N382	N377		60	RIGID	None	None	RIGID	Typical
239	M251A	N383A	N220			Standoff Vertical	Column	Single Angle	A36 Gr.36	Typical
240	M253	N387	N223			Standoff Vertical	Column	Single Angle	A36 Gr.36	Typical
241	M253A	N192B	N4			RIGID	None	None	RIGID	Typical
242	M254	N4	N208A			RIGID	None	None	RIGID	Typical
243	M255	N208A	N192B			RIGID	None	None	RIGID	Typical
244	M256	N385	N387A			MOD Kicker	Beam	Double Angle (...)	A36 Gr.36	Typical
245	M257	N389	N391			MOD Kicker	Beam	Double Angle (...)	A36 Gr.36	Typical
246	M258	N393	N395			MOD Kicker	Beam	Double Angle (...)	A36 Gr.36	Typical
247	M259	N194A	N394	N1		Standoff Vertical	Column	Single Angle	A36 Gr.36	Typical
248	M260	N394	N395A	N1		Standoff Vertical	Column	Single Angle	A36 Gr.36	Typical
249	M261	N396	N394	N1		Standoff Vertical	Column	Single Angle	A36 Gr.36	Typical
250	M262	N210A	N399	N1		Standoff Vertical	Column	Single Angle	A36 Gr.36	Typical
251	M263	N399	N400	N1		Standoff Vertical	Column	Single Angle	A36 Gr.36	Typical
252	M264	N401	N399	N1		Standoff Vertical	Column	Single Angle	A36 Gr.36	Typical

Hot Rolled Steel Design Parameters

	Label	Shape	Length[ft]	Lbyy[ft]	Lbzz[ft]	Lcomp top[ft]	Lcomp bot[ft]	L-torqu...	Kyy	Kzz	Cb	Function
1	M1	MOD Doubl...	8.172			Lbyy						Lateral
2	M2	Standoff Ho...	7.833			Lbyy						Lateral



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 Checked By: _____

Hot Rolled Steel Design Parameters (Continued)

Label	Shape	Length[ft]	Lbyy[ft]	Lbzz[ft]	Lcomp top[ft]	Lcomp bot[ft]	L-torqu...	Kyy	Kzz	Cb	Function
3	M3	Standoff Ve...	3.896								Lateral
4	M6	Face Plate	.5			Lbyy					Lateral
5	M27	Face Plate	.558			Lbyy					Lateral
6	M33	Face Plate	.558			Lbyy					Lateral
7	M34	Face Horizo...	14.833			Lbyy					Lateral
8	M35	Face Horizo...	14.833			Lbyy					Lateral
9	MP1A	Mount Pipe	6								Lateral
10	M147	Ladder Angle	3.396			Lbyy					Lateral
11	M148	Ladder Angle	3.396			Lbyy					Lateral
12	M103A	Face Diago...	4.627			Lbyy					Lateral
13	M104A	Face Vertical	3.208								Lateral
14	M101A	Face Diago...	4.687			Lbyy					Lateral
15	M101B	Face Vertical	3.208								Lateral
16	M102A	Face Diago...	4.45			Lbyy					Lateral
17	M103B	Face Vertical	3.208								Lateral
18	M104B	Face Diago...	4.748			Lbyy					Lateral
19	M110B	Corner Pipe	6.167								Lateral
20	M109B	Face Plate	.558			Lbyy					Lateral
21	M110C	Face Plate	.558			Lbyy					Lateral
22	M108A	Face Plate	.558			Lbyy					Lateral
23	M109A	Face Plate	.558			Lbyy					Lateral
24	M112A	Face Plate	.558			Lbyy					Lateral
25	M113A	Face Plate	.558			Lbyy					Lateral
26	M116A	Face Horizo...	14.833			Lbyy					Lateral
27	M117B	Face Horizo...	14.833			Lbyy					Lateral
28	M118A	Face Plate	.5			Lbyy					Lateral
29	M118C	Face Plate	.5			Lbyy					Lateral
30	M122A	Face Horizo...	14.833			Lbyy					Lateral
31	M123A	Face Plate	.558			Lbyy					Lateral
32	M124A	Face Plate	.558			Lbyy					Lateral
33	M127A	Face Horizo...	14.833			Lbyy					Lateral
34	M128A	Face Plate	.558			Lbyy					Lateral
35	M129A	Face Plate	.558			Lbyy					Lateral
36	M132A	MOD Doubl...	8.172			Lbyy					Lateral
37	M133A	Standoff Ho...	7.833			Lbyy					Lateral
38	M136B	Face Plate	.5			Lbyy					Lateral
39	M140A	Face Plate	.5			Lbyy					Lateral
40	M142A	Face Plate	.5			Lbyy					Lateral
41	M144A	MOD Doubl...	8.172			Lbyy					Lateral
42	M145B	Standoff Ho...	7.833			Lbyy					Lateral
43	M148A	Face Plate	.5			Lbyy					Lateral
44	M152	Face Plate	.5			Lbyy					Lateral
45	M154	Face Plate	.5			Lbyy					Lateral
46	M152A	Corner Pipe	6.167								Lateral
47	M153A	Corner Pipe	6.167								Lateral
48	M156	Standoff Br...	4.402			Lbyy					Lateral
49	M160	Ladder Angle	3.396			Lbyy					Lateral
50	M161	Ladder Angle	3.396			Lbyy					Lateral
51	M164	Standoff Br...	4.402			Lbyy					Lateral
52	M169	Ladder Angle	3.396			Lbyy					Lateral
53	M170	Ladder Angle	3.396			Lbyy					Lateral
54	M173	Standoff Br...	4.402			Lbyy					Lateral
55	M173A	Face Diago...	4.627			Lbyy					Lateral
56	M174	Face Vertical	3.208								Lateral
57	M175	Face Diago...	4.687			Lbyy					Lateral
58	M176	Face Vertical	3.208								Lateral
59	M177	Face Diago...	4.45			Lbyy					Lateral



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 Checked By: _____

Hot Rolled Steel Design Parameters (Continued)

	Label	Shape	Length[ft]	Lbyy[ft]	Lbzz[ft]	Lcomp top[ft]	Lcomp bot[ft]	L-torqu...	Kyy	Kzz	Cb	Function
60	M178	Face Vertical	3.208									Lateral
61	M179	Face Diago...	4.748			Lbyy						Lateral
62	M180	Face Diago...	4.627			Lbyy						Lateral
63	M181	Face Vertical	3.208									Lateral
64	M182	Face Diago...	4.687			Lbyy						Lateral
65	M183	Face Vertical	3.208									Lateral
66	M184	Face Diago...	4.45			Lbyy						Lateral
67	M185	Face Vertical	3.208									Lateral
68	M186	Face Diago...	4.748			Lbyy						Lateral
69	MP2A	Mount Pipe	6									Lateral
70	MP3A	Mount Pipe	6									Lateral
71	MP4A	Mount Pipe	6									Lateral
72	MP1C	Mount Pipe	6									Lateral
73	MP2C	Mount Pipe	6									Lateral
74	MP3C	Mount Pipe	6									Lateral
75	MP4C	Mount Pipe	6									Lateral
76	MP1B	Mount Pipe	6									Lateral
77	MP2B	Mount Pipe	6									Lateral
78	MP3B	Mount Pipe	6									Lateral
79	MP4B	Mount Pipe	6									Lateral
80	M148B	Mount Pipe	3									Lateral
81	M153B	Threaded R...	.667			Lbyy						Lateral
82	M154B	Threaded R...	.667			Lbyy						Lateral
83	M159A	Threaded R...	.667			Lbyy						Lateral
84	M160A	Threaded R...	.667			Lbyy						Lateral
85	M162A	Mount Pipe	3									Lateral
86	M167A	Threaded R...	.667			Lbyy						Lateral
87	M168A	Threaded R...	.667			Lbyy						Lateral
88	M173B	Threaded R...	.667			Lbyy						Lateral
89	M174A	Threaded R...	.667			Lbyy						Lateral
90	M176A	Mount Pipe	3									Lateral
91	M181A	Threaded R...	.667			Lbyy						Lateral
92	M182A	Threaded R...	.667			Lbyy						Lateral
93	M187B	Threaded R...	.667			Lbyy						Lateral
94	M188	Threaded R...	.667			Lbyy						Lateral
95	M187C	Mount Pipe	2.5									Lateral
96	M190	Mount Pipe	2.5									Lateral
97	M193	Mount Pipe	2.5									Lateral
98	M198	Mount Pipe	5.417									Lateral
99	M201	Mount Pipe	5.417									Lateral
100	M204	Mount Pipe	5.417									Lateral
101	M209	MOD Supp...	14.333			Lbyy						Lateral
102	M214	MOD Supp...	14.333			Lbyy						Lateral
103	M219	MOD Supp...	14.333			Lbyy						Lateral
104	M226	MOD Supp...	3.628			Lbyy						Lateral
105	M227	MOD Supp...	3.628			Lbyy						Lateral
106	M228	MOD Supp...	3.628			Lbyy						Lateral
107	M231	MOD Corne...	1.004			Lbyy						Lateral
108	M233	MOD Corne...	1.004			Lbyy						Lateral
109	M237	MOD Corne...	1.004			Lbyy						Lateral
110	M242	Standoff Ve...	5.265									Lateral
111	M243	Standoff Ve...	4.771									Lateral
112	M244	Standoff Ve...	3.896									Lateral
113	M251A	Standoff Ve...	3.896									Lateral
114	M253	Standoff Ve...	3.896									Lateral
115	M256	MOD Kicker	3.583			Lbyy						Lateral
116	M257	MOD Kicker	3.583			Lbyy						Lateral

Hot Rolled Steel Design Parameters (Continued)

	Label	Shape	Length[ft]	Lbyy[ft]	Lbzz[ft]	Lcomp top[ft]	Lcomp bot[ft]	L-torqu...	Kyy	Kzz	Cb	Function
117	M258	MOD Kicker	3.583			Lbyy						Lateral
118	M259	Standoff Ve...	5.265									Lateral
119	M260	Standoff Ve...	4.771									Lateral
120	M261	Standoff Ve...	3.896									Lateral
121	M262	Standoff Ve...	5.265									Lateral
122	M263	Standoff Ve...	4.771									Lateral
123	M264	Standoff Ve...	3.896									Lateral

Member Point Loads (BLC 1 : Antenna D)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	Y	-21.85	1
2	MP2A	My	-.003	1
3	MP2A	Mz	.017	1
4	MP2A	Y	-21.85	5
5	MP2A	My	-.003	5
6	MP2A	Mz	.017	5
7	MP2B	Y	-21.85	1
8	MP2B	My	-.008	1
9	MP2B	Mz	-.015	1
10	MP2B	Y	-21.85	5
11	MP2B	My	-.008	5
12	MP2B	Mz	-.015	5
13	MP2C	Y	-21.85	1
14	MP2C	My	.017	1
15	MP2C	Mz	-.003	1
16	MP2C	Y	-21.85	5
17	MP2C	My	.017	5
18	MP2C	Mz	-.003	5
19	MP2A	Y	-32.3	1
20	MP2A	My	-.023	1
21	MP2A	Mz	-.008	1
22	MP2A	Y	-32.3	5
23	MP2A	My	-.023	5
24	MP2A	Mz	-.008	5
25	MP2B	Y	-32.3	1
26	MP2B	My	.023	1
27	MP2B	Mz	-.009	1
28	MP2B	Y	-32.3	5
29	MP2B	My	.023	5
30	MP2B	Mz	-.009	5
31	MP2C	Y	-32.3	1
32	MP2C	My	.00026	1
33	MP2C	Mz	.025	1
34	MP2C	Y	-32.3	5
35	MP2C	My	.00026	5
36	MP2C	Mz	.025	5
37	MP3A	Y	-28.65	2
38	MP3A	My	-.012	2
39	MP3A	Mz	.007	2
40	MP3A	Y	-28.65	4
41	MP3A	My	-.012	4
42	MP3A	Mz	.007	4
43	MP3B	Y	-28.65	2
44	MP3B	My	.005	2
45	MP3B	Mz	-.013	2



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 Checked By: _____

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
46	MP3B	Y	-28.65	4
47	MP3B	My	.005	4
48	MP3B	Mz	-.013	4
49	MP3C	Y	-28.65	2
50	MP3C	My	.011	2
51	MP3C	Mz	.009	2
52	MP3C	Y	-28.65	4
53	MP3C	My	.011	4
54	MP3C	Mz	.009	4
55	M132A	Y	-32	7
56	M132A	My	0	7
57	M132A	Mz	0	7
58	MP2A	Y	-24.3	4.5
59	MP2A	My	.011	4.5
60	MP2A	Mz	-.006	4.5
61	MP2B	Y	-24.3	4.5
62	MP2B	My	-.004	4.5
63	MP2B	Mz	.011	4.5
64	MP2C	Y	-24.3	4.5
65	MP2C	My	-.009	4.5
66	MP2C	Mz	-.008	4.5
67	M148B	Y	-74.7	1.5
68	M148B	My	0	1.5
69	M148B	Mz	0	1.5
70	MP1A	Y	-79.1	1.5
71	MP1A	My	.034	1.5
72	MP1A	Mz	-.02	1.5
73	MP1B	Y	-79.1	1.5
74	MP1B	My	-.014	1.5
75	MP1B	Mz	.037	1.5
76	MP1C	Y	-79.1	1.5
77	MP1C	My	-.03	1.5
78	MP1C	Mz	-.025	1.5
79	MP4B	Y	-22.95	1
80	MP4B	My	.004	1
81	MP4B	Mz	-.011	1
82	MP4B	Y	-22.95	5
83	MP4B	My	.004	5
84	MP4B	Mz	-.011	5
85	MP4C	Y	-22.95	1
86	MP4C	My	.009	1
87	MP4C	Mz	.007	1
88	MP4C	Y	-22.95	5
89	MP4C	My	.009	5
90	MP4C	Mz	.007	5
91	MP4A	Y	-13.15	1
92	MP4A	My	-.006	1
93	MP4A	Mz	.003	1
94	MP4A	Y	-13.15	5
95	MP4A	My	-.006	5
96	MP4A	Mz	.003	5
97	M176A	Y	-74.7	1.5
98	M176A	My	0	1.5
99	M176A	Mz	0	1.5
100	M162A	Y	-74.7	1.5
101	M162A	My	0	1.5
102	M162A	Mz	0	1.5



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 Checked By: _____

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

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

Member Point Loads (BLC 2 : Antenna Di)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	Y	-61.432	1
2	MP2A	My	-.009	1
3	MP2A	Mz	.046	1
4	MP2A	Y	-61.432	5
5	MP2A	My	-.009	5
6	MP2A	Mz	.046	5
7	MP2B	Y	-61.432	1
8	MP2B	My	-.023	1
9	MP2B	Mz	-.041	1
10	MP2B	Y	-61.432	5
11	MP2B	My	-.023	5
12	MP2B	Mz	-.041	5
13	MP2C	Y	-61.432	1
14	MP2C	My	.047	1
15	MP2C	Mz	-.008	1
16	MP2C	Y	-61.432	5
17	MP2C	My	.047	5
18	MP2C	Mz	-.008	5
19	MP2A	Y	-61.432	1
20	MP2A	My	-.045	1
21	MP2A	Mz	-.016	1
22	MP2A	Y	-61.432	5
23	MP2A	My	-.045	5
24	MP2A	Mz	-.016	5
25	MP2B	Y	-61.432	1
26	MP2B	My	.044	1
27	MP2B	Mz	-.017	1
28	MP2B	Y	-61.432	5
29	MP2B	My	.044	5
30	MP2B	Mz	-.017	5
31	MP2C	Y	-61.432	1
32	MP2C	My	.000495	1
33	MP2C	Mz	.047	1
34	MP2C	Y	-61.432	5
35	MP2C	My	.000495	5
36	MP2C	Mz	.047	5
37	MP3A	Y	-30.196	2
38	MP3A	My	-.013	2
39	MP3A	Mz	.008	2
40	MP3A	Y	-30.196	4
41	MP3A	My	-.013	4



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 Checked By: _____

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
42	MP3A	Mz	.008	4
43	MP3B	Y	-30.196	2
44	MP3B	My	.005	2
45	MP3B	Mz	-.014	2
46	MP3B	Y	-30.196	4
47	MP3B	My	.005	4
48	MP3B	Mz	-.014	4
49	MP3C	Y	-30.196	2
50	MP3C	My	.012	2
51	MP3C	Mz	.01	2
52	MP3C	Y	-30.196	4
53	MP3C	My	.012	4
54	MP3C	Mz	.01	4
55	M132A	Y	-76.998	7
56	M132A	My	0	7
57	M132A	Mz	0	7
58	MP2A	Y	-19.298	4.5
59	MP2A	My	.008	4.5
60	MP2A	Mz	-.005	4.5
61	MP2B	Y	-19.298	4.5
62	MP2B	My	-.003	4.5
63	MP2B	Mz	.009	4.5
64	MP2C	Y	-19.298	4.5
65	MP2C	My	-.007	4.5
66	MP2C	Mz	-.006	4.5
67	M148B	Y	-45.535	1.5
68	M148B	My	0	1.5
69	M148B	Mz	0	1.5
70	MP1A	Y	-46.017	1.5
71	MP1A	My	.02	1.5
72	MP1A	Mz	-.012	1.5
73	MP1B	Y	-46.017	1.5
74	MP1B	My	-.008	1.5
75	MP1B	Mz	.022	1.5
76	MP1C	Y	-46.017	1.5
77	MP1C	My	-.018	1.5
78	MP1C	Mz	-.015	1.5
79	MP4B	Y	-68.217	1
80	MP4B	My	.012	1
81	MP4B	Mz	-.032	1
82	MP4B	Y	-68.217	5
83	MP4B	My	.012	5
84	MP4B	Mz	-.032	5
85	MP4C	Y	-68.217	1
86	MP4C	My	.026	1
87	MP4C	Mz	.022	1
88	MP4C	Y	-68.217	5
89	MP4C	My	.026	5
90	MP4C	Mz	.022	5
91	MP4A	Y	-61.984	1
92	MP4A	My	-.027	1
93	MP4A	Mz	.015	1
94	MP4A	Y	-61.984	5
95	MP4A	My	-.027	5
96	MP4A	Mz	.015	5
97	M176A	Y	-45.535	1.5
98	M176A	My	0	1.5



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 Checked By: _____

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

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

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.-%]
1	MP2A	X	0	1
2	MP2A	Z	-87.554	1
3	MP2A	Mx	-.066	1
4	MP2A	X	0	5
5	MP2A	Z	-87.554	5
6	MP2A	Mx	-.066	5
7	MP2B	X	0	1
8	MP2B	Z	-50.645	1
9	MP2B	Mx	.034	1
10	MP2B	X	0	5
11	MP2B	Z	-50.645	5
12	MP2B	Mx	.034	5
13	MP2C	X	0	1
14	MP2C	Z	-78.04	1
15	MP2C	Mx	.01	1
16	MP2C	X	0	5
17	MP2C	Z	-78.04	5
18	MP2C	Mx	.01	5
19	MP2A	X	0	1
20	MP2A	Z	-138.675	1
21	MP2A	Mx	.035	1
22	MP2A	X	0	5
23	MP2A	Z	-138.675	5
24	MP2A	Mx	.035	5
25	MP2B	X	0	1
26	MP2B	Z	-106.428	1
27	MP2B	Mx	.029	1
28	MP2B	X	0	5
29	MP2B	Z	-106.428	5
30	MP2B	Mx	.029	5
31	MP2C	X	0	1
32	MP2C	Z	-130.362	1
33	MP2C	Mx	-.1	1
34	MP2C	X	0	5
35	MP2C	Z	-130.362	5
36	MP2C	Mx	-.1	5
37	MP3A	X	0	2



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 Checked By: _____

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
38	MP3A	Z	-60.327	2
39	MP3A	Mx	-.015	2
40	MP3A	X	0	4
41	MP3A	Z	-60.327	4
42	MP3A	Mx	-.015	4
43	MP3B	X	0	2
44	MP3B	Z	-32.582	2
45	MP3B	Mx	.015	2
46	MP3B	X	0	4
47	MP3B	Z	-32.582	4
48	MP3B	Mx	.015	4
49	MP3C	X	0	2
50	MP3C	Z	-53.176	2
51	MP3C	Mx	-.017	2
52	MP3C	X	0	4
53	MP3C	Z	-53.176	4
54	MP3C	Mx	-.017	4
55	M132A	X	0	7
56	M132A	Z	-130.52	7
57	M132A	Mx	0	7
58	MP2A	X	0	4.5
59	MP2A	Z	-28.887	4.5
60	MP2A	Mx	.007	4.5
61	MP2B	X	0	4.5
62	MP2B	Z	-20.116	4.5
63	MP2B	Mx	-.009	4.5
64	MP2C	X	0	4.5
65	MP2C	Z	-26.626	4.5
66	MP2C	Mx	.009	4.5
67	M148B	X	0	1.5
68	M148B	Z	-53.511	1.5
69	M148B	Mx	0	1.5
70	MP1A	X	0	1.5
71	MP1A	Z	-64.749	1.5
72	MP1A	Mx	.016	1.5
73	MP1B	X	0	1.5
74	MP1B	Z	-50.58	1.5
75	MP1B	Mx	-.024	1.5
76	MP1C	X	0	1.5
77	MP1C	Z	-61.097	1.5
78	MP1C	Mx	.02	1.5
79	MP4B	X	0	1
80	MP4B	Z	-122.286	1
81	MP4B	Mx	.057	1
82	MP4B	X	0	5
83	MP4B	Z	-122.286	5
84	MP4B	Mx	.057	5
85	MP4C	X	0	1
86	MP4C	Z	-149.592	1
87	MP4C	Mx	-.048	1
88	MP4C	X	0	5
89	MP4C	Z	-149.592	5
90	MP4C	Mx	-.048	5
91	MP4A	X	0	1
92	MP4A	Z	-140.667	1
93	MP4A	Mx	-.035	1
94	MP4A	X	0	5



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 Checked By: _____

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%,]
95	MP4A	Z	-140.667	5
96	MP4A	Mx	-.035	5
97	M176A	X	0	1.5
98	M176A	Z	-53.511	1.5
99	M176A	Mx	0	1.5
100	M162A	X	0	1.5
101	M162A	Z	-53.511	1.5
102	M162A	Mx	0	1.5
103	M1	X	0	7
104	M1	Z	-130.52	7
105	M1	Mx	0	7
106	M198	X	0	1.5
107	M198	Z	-86.05	1.5
108	M198	Mx	0	1.5
109	M201	X	0	1.5
110	M201	Z	-86.05	1.5
111	M201	Mx	0	1.5
112	M204	X	0	1.5
113	M204	Z	-86.05	1.5
114	M204	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%,]
1	MP2A	X	29.2	1
2	MP2A	Z	-50.577	1
3	MP2A	Mx	-.042	1
4	MP2A	X	29.2	5
5	MP2A	Z	-50.577	5
6	MP2A	Mx	-.042	5
7	MP2B	X	22.791	1
8	MP2B	Z	-39.475	1
9	MP2B	Mx	.018	1
10	MP2B	X	22.791	5
11	MP2B	Z	-39.475	5
12	MP2B	Mx	.018	5
13	MP2C	X	50.186	1
14	MP2C	Z	-86.925	1
15	MP2C	Mx	.049	1
16	MP2C	X	50.186	5
17	MP2C	Z	-86.925	5
18	MP2C	Mx	.049	5
19	MP2A	X	56.602	1
20	MP2A	Z	-98.038	1
21	MP2A	Mx	-.016	1
22	MP2A	X	56.602	5
23	MP2A	Z	-98.038	5
24	MP2A	Mx	-.016	5
25	MP2B	X	51.003	1
26	MP2B	Z	-88.339	1
27	MP2B	Mx	.061	1
28	MP2B	X	51.003	5
29	MP2B	Z	-88.339	5
30	MP2B	Mx	.061	5
31	MP2C	X	74.937	1
32	MP2C	Z	-129.794	1
33	MP2C	Mx	-.099	1



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 Checked By: _____

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
34	MP2C	X	74.937	5
35	MP2C	Z	-129.794	5
36	MP2C	Mx	-.099	5
37	MP3A	X	19.206	2
38	MP3A	Z	-33.266	2
39	MP3A	Mx	-.017	2
40	MP3A	X	19.206	4
41	MP3A	Z	-33.266	4
42	MP3A	Mx	-.017	4
43	MP3B	X	14.388	2
44	MP3B	Z	-24.922	2
45	MP3B	Mx	.014	2
46	MP3B	X	14.388	4
47	MP3B	Z	-24.922	4
48	MP3B	Mx	.014	4
49	MP3C	X	34.982	2
50	MP3C	Z	-60.59	2
51	MP3C	Mx	-.006	2
52	MP3C	X	34.982	4
53	MP3C	Z	-60.59	4
54	MP3C	Mx	-.006	4
55	M132A	X	53.21	7
56	M132A	Z	-92.162	7
57	M132A	Mx	0	7
58	MP2A	X	10.98	4.5
59	MP2A	Z	-19.017	4.5
60	MP2A	Mx	.01	4.5
61	MP2B	X	9.456	4.5
62	MP2B	Z	-16.379	4.5
63	MP2B	Mx	-.009	4.5
64	MP2C	X	15.967	4.5
65	MP2C	Z	-27.655	4.5
66	MP2C	Mx	.003	4.5
67	M148B	X	21.959	1.5
68	M148B	Z	-38.034	1.5
69	M148B	Mx	0	1.5
70	MP1A	X	26.779	1.5
71	MP1A	Z	-46.382	1.5
72	MP1A	Mx	.023	1.5
73	MP1B	X	24.318	1.5
74	MP1B	Z	-42.121	1.5
75	MP1B	Mx	-.024	1.5
76	MP1C	X	34.835	1.5
77	MP1C	Z	-60.336	1.5
78	MP1C	Mx	.006	1.5
79	MP4B	X	58.62	1
80	MP4B	Z	-101.533	1
81	MP4B	Mx	.058	1
82	MP4B	X	58.62	5
83	MP4B	Z	-101.533	5
84	MP4B	Mx	.058	5
85	MP4C	X	85.926	1
86	MP4C	Z	-148.828	1
87	MP4C	Mx	-.015	1
88	MP4C	X	85.926	5
89	MP4C	Z	-148.828	5
90	MP4C	Mx	-.015	5



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 Checked By: _____

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%,]
91	MP4A	X	57.334	1
92	MP4A	Z	-99.305	1
93	MP4A	Mx	-.05	1
94	MP4A	X	57.334	5
95	MP4A	Z	-99.305	5
96	MP4A	Mx	-.05	5
97	M176A	X	21.959	1.5
98	M176A	Z	-38.034	1.5
99	M176A	Mx	0	1.5
100	M162A	X	21.959	1.5
101	M162A	Z	-38.034	1.5
102	M162A	Mx	0	1.5
103	M1	X	53.21	7
104	M1	Z	-92.162	7
105	M1	Mx	0	7
106	M198	X	14.342	1.5
107	M198	Z	-24.84	1.5
108	M198	Mx	0	1.5
109	M201	X	14.342	1.5
110	M201	Z	-24.84	1.5
111	M201	Mx	0	1.5
112	M204	X	14.342	1.5
113	M204	Z	-24.84	1.5
114	M204	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%,]
1	MP2A	X	37.953	1
2	MP2A	Z	-21.912	1
3	MP2A	Mx	-.022	1
4	MP2A	X	37.953	5
5	MP2A	Z	-21.912	5
6	MP2A	Mx	-.022	5
7	MP2B	X	58.816	1
8	MP2B	Z	-33.958	1
9	MP2B	Mx	.000548	1
10	MP2B	X	58.816	5
11	MP2B	Z	-33.958	5
12	MP2B	Mx	.000548	5
13	MP2C	X	82.541	1
14	MP2C	Z	-47.655	1
15	MP2C	Mx	.069	1
16	MP2C	X	82.541	5
17	MP2C	Z	-47.655	5
18	MP2C	Mx	.069	5
19	MP2A	X	87.009	1
20	MP2A	Z	-50.235	1
21	MP2A	Mx	-.05	1
22	MP2A	X	87.009	5
23	MP2A	Z	-50.235	5
24	MP2A	Mx	-.05	5
25	MP2B	X	105.237	1
26	MP2B	Z	-60.758	1
27	MP2B	Mx	.092	1
28	MP2B	X	105.237	5
29	MP2B	Z	-60.758	5



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 Checked By: _____

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
30	MP2B	Mx	.092	5
31	MP2C	X	125.964	1
32	MP2C	Z	-72.725	1
33	MP2C	Mx	-.055	1
34	MP2C	X	125.964	5
35	MP2C	Z	-72.725	5
36	MP2C	Mx	-.055	5
37	MP3A	X	23.777	2
38	MP3A	Z	-13.728	2
39	MP3A	Mx	-.014	2
40	MP3A	X	23.777	4
41	MP3A	Z	-13.728	4
42	MP3A	Mx	-.014	4
43	MP3B	X	39.46	2
44	MP3B	Z	-22.782	2
45	MP3B	Mx	.017	2
46	MP3B	X	39.46	4
47	MP3B	Z	-22.782	4
48	MP3B	Mx	.017	4
49	MP3C	X	57.294	2
50	MP3C	Z	-33.079	2
51	MP3C	Mx	.011	2
52	MP3C	X	57.294	4
53	MP3C	Z	-33.079	4
54	MP3C	Mx	.011	4
55	M132A	X	81.727	7
56	M132A	Z	-47.185	7
57	M132A	Mx	0	7
58	MP2A	X	16.017	4.5
59	MP2A	Z	-9.248	4.5
60	MP2A	Mx	.009	4.5
61	MP2B	X	20.975	4.5
62	MP2B	Z	-12.11	4.5
63	MP2B	Mx	-.009	4.5
64	MP2C	X	26.613	4.5
65	MP2C	Z	-15.365	4.5
66	MP2C	Mx	-.005	4.5
67	M148B	X	33.881	1.5
68	M148B	Z	-19.561	1.5
69	M148B	Mx	0	1.5
70	MP1A	X	41.536	1.5
71	MP1A	Z	-23.981	1.5
72	MP1A	Mx	.024	1.5
73	MP1B	X	49.545	1.5
74	MP1B	Z	-28.605	1.5
75	MP1B	Mx	-.022	1.5
76	MP1C	X	58.653	1.5
77	MP1C	Z	-33.863	1.5
78	MP1C	Mx	-.012	1.5
79	MP4B	X	120.811	1
80	MP4B	Z	-69.75	1
81	MP4B	Mx	.053	1
82	MP4B	X	120.811	5
83	MP4B	Z	-69.75	5
84	MP4B	Mx	.053	5
85	MP4C	X	144.458	1
86	MP4C	Z	-83.403	1



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 Checked By: _____

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
87	MP4C	Mx	.029	1
88	MP4C	X	144.458	5
89	MP4C	Z	-83.403	5
90	MP4C	Mx	.029	5
91	MP4A	X	88.047	1
92	MP4A	Z	-50.834	1
93	MP4A	Mx	-.051	1
94	MP4A	X	88.047	5
95	MP4A	Z	-50.834	5
96	MP4A	Mx	-.051	5
97	M176A	X	33.881	1.5
98	M176A	Z	-19.561	1.5
99	M176A	Mx	0	1.5
100	M162A	X	33.881	1.5
101	M162A	Z	-19.561	1.5
102	M162A	Mx	0	1.5
103	M1	X	81.727	7
104	M1	Z	-47.185	7
105	M1	Mx	0	7
106	M198	X	0	1.5
107	M198	Z	0	1.5
108	M198	Mx	0	1.5
109	M201	X	0	1.5
110	M201	Z	0	1.5
111	M201	Mx	0	1.5
112	M204	X	0	1.5
113	M204	Z	0	1.5
114	M204	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	58.401	1
2	MP2A	Z	0	1
3	MP2A	Mx	-.008	1
4	MP2A	X	58.401	5
5	MP2A	Z	0	5
6	MP2A	Mx	-.008	5
7	MP2B	X	95.31	1
8	MP2B	Z	0	1
9	MP2B	Mx	-.036	1
10	MP2B	X	95.31	5
11	MP2B	Z	0	5
12	MP2B	Mx	-.036	5
13	MP2C	X	67.915	1
14	MP2C	Z	0	1
15	MP2C	Mx	.051	1
16	MP2C	X	67.915	5
17	MP2C	Z	0	5
18	MP2C	Mx	.051	5
19	MP2A	X	113.205	1
20	MP2A	Z	0	1
21	MP2A	Mx	-.082	1
22	MP2A	X	113.205	5
23	MP2A	Z	0	5
24	MP2A	Mx	-.082	5
25	MP2B	X	145.451	1



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 Checked By: _____

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
26	MP2B	Z	0	1
27	MP2B	Mx	.105	1
28	MP2B	X	145.451	5
29	MP2B	Z	0	5
30	MP2B	Mx	.105	5
31	MP2C	X	121.517	1
32	MP2C	Z	0	1
33	MP2C	Mx	.00098	1
34	MP2C	X	121.517	5
35	MP2C	Z	0	5
36	MP2C	Mx	.00098	5
37	MP3A	X	38.413	2
38	MP3A	Z	0	2
39	MP3A	Mx	-.017	2
40	MP3A	X	38.413	4
41	MP3A	Z	0	4
42	MP3A	Mx	-.017	4
43	MP3B	X	66.158	2
44	MP3B	Z	0	2
45	MP3B	Mx	.011	2
46	MP3B	X	66.158	4
47	MP3B	Z	0	4
48	MP3B	Mx	.011	4
49	MP3C	X	45.565	2
50	MP3C	Z	0	2
51	MP3C	Mx	.017	2
52	MP3C	X	45.565	4
53	MP3C	Z	0	4
54	MP3C	Mx	.017	4
55	M132A	X	106.42	7
56	M132A	Z	0	7
57	M132A	Mx	0	7
58	MP2A	X	21.959	4.5
59	MP2A	Z	0	4.5
60	MP2A	Mx	.01	4.5
61	MP2B	X	30.73	4.5
62	MP2B	Z	0	4.5
63	MP2B	Mx	-.005	4.5
64	MP2C	X	24.22	4.5
65	MP2C	Z	0	4.5
66	MP2C	Mx	-.009	4.5
67	M148B	X	43.918	1.5
68	M148B	Z	0	1.5
69	M148B	Mx	0	1.5
70	MP1A	X	53.558	1.5
71	MP1A	Z	0	1.5
72	MP1A	Mx	.023	1.5
73	MP1B	X	67.726	1.5
74	MP1B	Z	0	1.5
75	MP1B	Mx	-.012	1.5
76	MP1C	X	57.21	1.5
77	MP1C	Z	0	1.5
78	MP1C	Mx	-.022	1.5
79	MP4B	X	166.806	1
80	MP4B	Z	0	1
81	MP4B	Mx	.029	1
82	MP4B	X	166.806	5



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 Checked By: _____

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
83	MP4B	Z	0	5
84	MP4B	Mx	.029	5
85	MP4C	X	139.5	1
86	MP4C	Z	0	1
87	MP4C	Mx	.053	1
88	MP4C	X	139.5	5
89	MP4C	Z	0	5
90	MP4C	Mx	.053	5
91	MP4A	X	114.668	1
92	MP4A	Z	0	1
93	MP4A	Mx	-.05	1
94	MP4A	X	114.668	5
95	MP4A	Z	0	5
96	MP4A	Mx	-.05	5
97	M176A	X	43.918	1.5
98	M176A	Z	0	1.5
99	M176A	Mx	0	1.5
100	M162A	X	43.918	1.5
101	M162A	Z	0	1.5
102	M162A	Mx	0	1.5
103	M1	X	106.42	7
104	M1	Z	0	7
105	M1	Mx	0	7
106	M198	X	28.683	1.5
107	M198	Z	0	1.5
108	M198	Mx	0	1.5
109	M201	X	28.683	1.5
110	M201	Z	0	1.5
111	M201	Mx	0	1.5
112	M204	X	28.683	1.5
113	M204	Z	0	1.5
114	M204	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	75.824	1
2	MP2A	Z	43.777	1
3	MP2A	Mx	.022	1
4	MP2A	X	75.824	5
5	MP2A	Z	43.777	5
6	MP2A	Mx	.022	5
7	MP2B	X	86.925	1
8	MP2B	Z	50.186	1
9	MP2B	Mx	-.066	1
10	MP2B	X	86.925	5
11	MP2B	Z	50.186	5
12	MP2B	Mx	-.066	5
13	MP2C	X	39.475	1
14	MP2C	Z	22.791	1
15	MP2C	Mx	.027	1
16	MP2C	X	39.475	5
17	MP2C	Z	22.791	5
18	MP2C	Mx	.027	5
19	MP2A	X	120.096	1
20	MP2A	Z	69.337	1
21	MP2A	Mx	-.105	1



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 Checked By: _____

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
22	MP2A	X	120.096	5
23	MP2A	Z	69.337	5
24	MP2A	Mx	-.105	5
25	MP2B	X	129.794	1
26	MP2B	Z	74.937	1
27	MP2B	Mx	.073	1
28	MP2B	X	129.794	5
29	MP2B	Z	74.937	5
30	MP2B	Mx	.073	5
31	MP2C	X	88.339	1
32	MP2C	Z	51.003	1
33	MP2C	Mx	.04	1
34	MP2C	X	88.339	5
35	MP2C	Z	51.003	5
36	MP2C	Mx	.04	5
37	MP3A	X	52.245	2
38	MP3A	Z	30.164	2
39	MP3A	Mx	-.015	2
40	MP3A	X	52.245	4
41	MP3A	Z	30.164	4
42	MP3A	Mx	-.015	4
43	MP3B	X	60.59	2
44	MP3B	Z	34.982	2
45	MP3B	Mx	-.006	2
46	MP3B	X	60.59	4
47	MP3B	Z	34.982	4
48	MP3B	Mx	-.006	4
49	MP3C	X	24.922	2
50	MP3C	Z	14.388	2
51	MP3C	Mx	.014	2
52	MP3C	X	24.922	4
53	MP3C	Z	14.388	4
54	MP3C	Mx	.014	4
55	M132A	X	113.033	7
56	M132A	Z	65.26	7
57	M132A	Mx	0	7
58	MP2A	X	25.017	4.5
59	MP2A	Z	14.443	4.5
60	MP2A	Mx	.007	4.5
61	MP2B	X	27.655	4.5
62	MP2B	Z	15.967	4.5
63	MP2B	Mx	.003	4.5
64	MP2C	X	16.379	4.5
65	MP2C	Z	9.456	4.5
66	MP2C	Mx	-.009	4.5
67	M148B	X	46.342	1.5
68	M148B	Z	26.755	1.5
69	M148B	Mx	0	1.5
70	MP1A	X	56.074	1.5
71	MP1A	Z	32.374	1.5
72	MP1A	Mx	.016	1.5
73	MP1B	X	60.336	1.5
74	MP1B	Z	34.835	1.5
75	MP1B	Mx	.006	1.5
76	MP1C	X	42.121	1.5
77	MP1C	Z	24.318	1.5
78	MP1C	Mx	-.024	1.5



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 Checked By: _____

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft, %]
79	MP4B	X	148.828	1
80	MP4B	Z	85.926	1
81	MP4B	Mx	-.015	1
82	MP4B	X	148.828	5
83	MP4B	Z	85.926	5
84	MP4B	Mx	-.015	5
85	MP4C	X	101.533	1
86	MP4C	Z	58.62	1
87	MP4C	Mx	.058	1
88	MP4C	X	101.533	5
89	MP4C	Z	58.62	5
90	MP4C	Mx	.058	5
91	MP4A	X	121.821	1
92	MP4A	Z	70.334	1
93	MP4A	Mx	-.035	1
94	MP4A	X	121.821	5
95	MP4A	Z	70.334	5
96	MP4A	Mx	-.035	5
97	M176A	X	46.342	1.5
98	M176A	Z	26.755	1.5
99	M176A	Mx	0	1.5
100	M162A	X	46.342	1.5
101	M162A	Z	26.755	1.5
102	M162A	Mx	0	1.5
103	M1	X	113.033	7
104	M1	Z	65.26	7
105	M1	Mx	0	7
106	M198	X	74.521	1.5
107	M198	Z	43.025	1.5
108	M198	Mx	0	1.5
109	M201	X	74.521	1.5
110	M201	Z	43.025	1.5
111	M201	Mx	0	1.5
112	M204	X	74.521	1.5
113	M204	Z	43.025	1.5
114	M204	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft, %]
1	MP2A	X	51.066	1
2	MP2A	Z	88.448	1
3	MP2A	Mx	.06	1
4	MP2A	X	51.066	5
5	MP2A	Z	88.448	5
6	MP2A	Mx	.06	5
7	MP2B	X	39.02	1
8	MP2B	Z	67.585	1
9	MP2B	Mx	-.06	1
10	MP2B	X	39.02	5
11	MP2B	Z	67.585	5
12	MP2B	Mx	-.06	5
13	MP2C	X	25.322	1
14	MP2C	Z	43.86	1
15	MP2C	Mx	.014	1
16	MP2C	X	25.322	5
17	MP2C	Z	43.86	5



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 Checked By: _____

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
18	MP2C	Mx	.014	5
19	MP2A	X	75.705	1
20	MP2A	Z	131.125	1
21	MP2A	Mx	-.088	1
22	MP2A	X	75.705	5
23	MP2A	Z	131.125	5
24	MP2A	Mx	-.088	5
25	MP2B	X	65.181	1
26	MP2B	Z	112.897	1
27	MP2B	Mx	.016	1
28	MP2B	X	65.181	5
29	MP2B	Z	112.897	5
30	MP2B	Mx	.016	5
31	MP2C	X	53.214	1
32	MP2C	Z	92.17	1
33	MP2C	Mx	.071	1
34	MP2C	X	53.214	5
35	MP2C	Z	92.17	5
36	MP2C	Mx	.071	5
37	MP3A	X	35.642	2
38	MP3A	Z	61.734	2
39	MP3A	Mx	0	2
40	MP3A	X	35.642	4
41	MP3A	Z	61.734	4
42	MP3A	Mx	0	4
43	MP3B	X	26.588	2
44	MP3B	Z	46.051	2
45	MP3B	Mx	-.017	2
46	MP3B	X	26.588	4
47	MP3B	Z	46.051	4
48	MP3B	Mx	-.017	4
49	MP3C	X	16.291	2
50	MP3C	Z	28.217	2
51	MP3C	Mx	.015	2
52	MP3C	X	16.291	4
53	MP3C	Z	28.217	4
54	MP3C	Mx	.015	4
55	M132A	X	71.285	7
56	M132A	Z	123.469	7
57	M132A	Mx	0	7
58	MP2A	X	16.175	4.5
59	MP2A	Z	28.017	4.5
60	MP2A	Mx	0	4.5
61	MP2B	X	13.313	4.5
62	MP2B	Z	23.059	4.5
63	MP2B	Mx	.009	4.5
64	MP2C	X	10.058	4.5
65	MP2C	Z	17.421	4.5
66	MP2C	Mx	-.009	4.5
67	M148B	X	29.153	1.5
68	M148B	Z	50.495	1.5
69	M148B	Mx	0	1.5
70	MP1A	X	35.172	1.5
71	MP1A	Z	60.92	1.5
72	MP1A	Mx	0	1.5
73	MP1B	X	30.548	1.5
74	MP1B	Z	52.911	1.5



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 Checked By: _____

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
75	MP1B	Mx	.02	1.5
76	MP1C	X	25.29	1.5
77	MP1C	Z	43.804	1.5
78	MP1C	Mx	-.024	1.5
79	MP4B	X	74.796	1
80	MP4B	Z	129.55	1
81	MP4B	Mx	-.048	1
82	MP4B	X	74.796	5
83	MP4B	Z	129.55	5
84	MP4B	Mx	-.048	5
85	MP4C	X	61.143	1
86	MP4C	Z	105.903	1
87	MP4C	Mx	.057	1
88	MP4C	X	61.143	5
89	MP4C	Z	105.903	5
90	MP4C	Mx	.057	5
91	MP4A	X	76.833	1
92	MP4A	Z	133.079	1
93	MP4A	Mx	0	1
94	MP4A	X	76.833	5
95	MP4A	Z	133.079	5
96	MP4A	Mx	0	5
97	M176A	X	29.153	1.5
98	M176A	Z	50.495	1.5
99	M176A	Mx	0	1.5
100	M162A	X	29.153	1.5
101	M162A	Z	50.495	1.5
102	M162A	Mx	0	1.5
103	M1	X	71.285	7
104	M1	Z	123.469	7
105	M1	Mx	0	7
106	M198	X	57.366	1.5
107	M198	Z	99.362	1.5
108	M198	Mx	0	1.5
109	M201	X	57.366	1.5
110	M201	Z	99.362	1.5
111	M201	Mx	0	1.5
112	M204	X	57.366	1.5
113	M204	Z	99.362	1.5
114	M204	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	0	1
2	MP2A	Z	87.554	1
3	MP2A	Mx	.066	1
4	MP2A	X	0	5
5	MP2A	Z	87.554	5
6	MP2A	Mx	.066	5
7	MP2B	X	0	1
8	MP2B	Z	50.645	1
9	MP2B	Mx	-.034	1
10	MP2B	X	0	5
11	MP2B	Z	50.645	5
12	MP2B	Mx	-.034	5
13	MP2C	X	0	1



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 Checked By: _____

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
14	MP2C	Z	78.04	1
15	MP2C	Mx	-.01	1
16	MP2C	X	0	5
17	MP2C	Z	78.04	5
18	MP2C	Mx	-.01	5
19	MP2A	X	0	1
20	MP2A	Z	138.675	1
21	MP2A	Mx	-.035	1
22	MP2A	X	0	5
23	MP2A	Z	138.675	5
24	MP2A	Mx	-.035	5
25	MP2B	X	0	1
26	MP2B	Z	106.428	1
27	MP2B	Mx	-.029	1
28	MP2B	X	0	5
29	MP2B	Z	106.428	5
30	MP2B	Mx	-.029	5
31	MP2C	X	0	1
32	MP2C	Z	130.362	1
33	MP2C	Mx	.1	1
34	MP2C	X	0	5
35	MP2C	Z	130.362	5
36	MP2C	Mx	.1	5
37	MP3A	X	0	2
38	MP3A	Z	60.327	2
39	MP3A	Mx	.015	2
40	MP3A	X	0	4
41	MP3A	Z	60.327	4
42	MP3A	Mx	.015	4
43	MP3B	X	0	2
44	MP3B	Z	32.582	2
45	MP3B	Mx	-.015	2
46	MP3B	X	0	4
47	MP3B	Z	32.582	4
48	MP3B	Mx	-.015	4
49	MP3C	X	0	2
50	MP3C	Z	53.176	2
51	MP3C	Mx	.017	2
52	MP3C	X	0	4
53	MP3C	Z	53.176	4
54	MP3C	Mx	.017	4
55	M132A	X	0	7
56	M132A	Z	130.52	7
57	M132A	Mx	0	7
58	MP2A	X	0	4.5
59	MP2A	Z	28.887	4.5
60	MP2A	Mx	-.007	4.5
61	MP2B	X	0	4.5
62	MP2B	Z	20.116	4.5
63	MP2B	Mx	.009	4.5
64	MP2C	X	0	4.5
65	MP2C	Z	26.626	4.5
66	MP2C	Mx	-.009	4.5
67	M148B	X	0	1.5
68	M148B	Z	53.511	1.5
69	M148B	Mx	0	1.5
70	MP1A	X	0	1.5



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 Checked By: _____

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
71	MP1A	Z	64.749	1.5
72	MP1A	Mx	-.016	1.5
73	MP1B	X	0	1.5
74	MP1B	Z	50.58	1.5
75	MP1B	Mx	.024	1.5
76	MP1C	X	0	1.5
77	MP1C	Z	61.097	1.5
78	MP1C	Mx	-.02	1.5
79	MP4B	X	0	1
80	MP4B	Z	122.286	1
81	MP4B	Mx	-.057	1
82	MP4B	X	0	5
83	MP4B	Z	122.286	5
84	MP4B	Mx	-.057	5
85	MP4C	X	0	1
86	MP4C	Z	149.592	1
87	MP4C	Mx	.048	1
88	MP4C	X	0	5
89	MP4C	Z	149.592	5
90	MP4C	Mx	.048	5
91	MP4A	X	0	1
92	MP4A	Z	140.667	1
93	MP4A	Mx	.035	1
94	MP4A	X	0	5
95	MP4A	Z	140.667	5
96	MP4A	Mx	.035	5
97	M176A	X	0	1.5
98	M176A	Z	53.511	1.5
99	M176A	Mx	0	1.5
100	M162A	X	0	1.5
101	M162A	Z	53.511	1.5
102	M162A	Mx	0	1.5
103	M1	X	0	7
104	M1	Z	130.52	7
105	M1	Mx	0	7
106	M198	X	0	1.5
107	M198	Z	86.05	1.5
108	M198	Mx	0	1.5
109	M201	X	0	1.5
110	M201	Z	86.05	1.5
111	M201	Mx	0	1.5
112	M204	X	0	1.5
113	M204	Z	86.05	1.5
114	M204	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	-29.2	1
2	MP2A	Z	50.577	1
3	MP2A	Mx	.042	1
4	MP2A	X	-29.2	5
5	MP2A	Z	50.577	5
6	MP2A	Mx	.042	5
7	MP2B	X	-22.791	1
8	MP2B	Z	39.475	1
9	MP2B	Mx	-.018	1



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 Checked By: _____

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
10	MP2B	X	-22.791	5
11	MP2B	Z	39.475	5
12	MP2B	Mx	-.018	5
13	MP2C	X	-50.186	1
14	MP2C	Z	86.925	1
15	MP2C	Mx	-.049	1
16	MP2C	X	-50.186	5
17	MP2C	Z	86.925	5
18	MP2C	Mx	-.049	5
19	MP2A	X	-56.602	1
20	MP2A	Z	98.038	1
21	MP2A	Mx	.016	1
22	MP2A	X	-56.602	5
23	MP2A	Z	98.038	5
24	MP2A	Mx	.016	5
25	MP2B	X	-51.003	1
26	MP2B	Z	88.339	1
27	MP2B	Mx	-.061	1
28	MP2B	X	-51.003	5
29	MP2B	Z	88.339	5
30	MP2B	Mx	-.061	5
31	MP2C	X	-74.937	1
32	MP2C	Z	129.794	1
33	MP2C	Mx	.099	1
34	MP2C	X	-74.937	5
35	MP2C	Z	129.794	5
36	MP2C	Mx	.099	5
37	MP3A	X	-19.206	2
38	MP3A	Z	33.266	2
39	MP3A	Mx	.017	2
40	MP3A	X	-19.206	4
41	MP3A	Z	33.266	4
42	MP3A	Mx	.017	4
43	MP3B	X	-14.388	2
44	MP3B	Z	24.922	2
45	MP3B	Mx	-.014	2
46	MP3B	X	-14.388	4
47	MP3B	Z	24.922	4
48	MP3B	Mx	-.014	4
49	MP3C	X	-34.982	2
50	MP3C	Z	60.59	2
51	MP3C	Mx	.006	2
52	MP3C	X	-34.982	4
53	MP3C	Z	60.59	4
54	MP3C	Mx	.006	4
55	M132A	X	-53.21	7
56	M132A	Z	92.162	7
57	M132A	Mx	0	7
58	MP2A	X	-10.98	4.5
59	MP2A	Z	19.017	4.5
60	MP2A	Mx	-.01	4.5
61	MP2B	X	-9.456	4.5
62	MP2B	Z	16.379	4.5
63	MP2B	Mx	.009	4.5
64	MP2C	X	-15.967	4.5
65	MP2C	Z	27.655	4.5
66	MP2C	Mx	-.003	4.5



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 Checked By: _____

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
67	M148B	X	-21.959	1.5
68	M148B	Z	38.034	1.5
69	M148B	Mx	0	1.5
70	MP1A	X	-26.779	1.5
71	MP1A	Z	46.382	1.5
72	MP1A	Mx	-.023	1.5
73	MP1B	X	-24.318	1.5
74	MP1B	Z	42.121	1.5
75	MP1B	Mx	.024	1.5
76	MP1C	X	-34.835	1.5
77	MP1C	Z	60.336	1.5
78	MP1C	Mx	-.006	1.5
79	MP4B	X	-58.62	1
80	MP4B	Z	101.533	1
81	MP4B	Mx	-.058	1
82	MP4B	X	-58.62	5
83	MP4B	Z	101.533	5
84	MP4B	Mx	-.058	5
85	MP4C	X	-85.926	1
86	MP4C	Z	148.828	1
87	MP4C	Mx	.015	1
88	MP4C	X	-85.926	5
89	MP4C	Z	148.828	5
90	MP4C	Mx	.015	5
91	MP4A	X	-57.334	1
92	MP4A	Z	99.305	1
93	MP4A	Mx	.05	1
94	MP4A	X	-57.334	5
95	MP4A	Z	99.305	5
96	MP4A	Mx	.05	5
97	M176A	X	-21.959	1.5
98	M176A	Z	38.034	1.5
99	M176A	Mx	0	1.5
100	M162A	X	-21.959	1.5
101	M162A	Z	38.034	1.5
102	M162A	Mx	0	1.5
103	M1	X	-53.21	7
104	M1	Z	92.162	7
105	M1	Mx	0	7
106	M198	X	-14.342	1.5
107	M198	Z	24.84	1.5
108	M198	Mx	0	1.5
109	M201	X	-14.342	1.5
110	M201	Z	24.84	1.5
111	M201	Mx	0	1.5
112	M204	X	-14.342	1.5
113	M204	Z	24.84	1.5
114	M204	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	-37.953	1
2	MP2A	Z	21.912	1
3	MP2A	Mx	.022	1
4	MP2A	X	-37.953	5
5	MP2A	Z	21.912	5



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 Checked By: _____

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
6	MP2A	Mx	.022	5
7	MP2B	X	-58.816	1
8	MP2B	Z	33.958	1
9	MP2B	Mx	-.000548	1
10	MP2B	X	-58.816	5
11	MP2B	Z	33.958	5
12	MP2B	Mx	-.000548	5
13	MP2C	X	-82.541	1
14	MP2C	Z	47.655	1
15	MP2C	Mx	-.069	1
16	MP2C	X	-82.541	5
17	MP2C	Z	47.655	5
18	MP2C	Mx	-.069	5
19	MP2A	X	-87.009	1
20	MP2A	Z	50.235	1
21	MP2A	Mx	.05	1
22	MP2A	X	-87.009	5
23	MP2A	Z	50.235	5
24	MP2A	Mx	.05	5
25	MP2B	X	-105.237	1
26	MP2B	Z	60.758	1
27	MP2B	Mx	-.092	1
28	MP2B	X	-105.237	5
29	MP2B	Z	60.758	5
30	MP2B	Mx	-.092	5
31	MP2C	X	-125.964	1
32	MP2C	Z	72.725	1
33	MP2C	Mx	.055	1
34	MP2C	X	-125.964	5
35	MP2C	Z	72.725	5
36	MP2C	Mx	.055	5
37	MP3A	X	-23.777	2
38	MP3A	Z	13.728	2
39	MP3A	Mx	.014	2
40	MP3A	X	-23.777	4
41	MP3A	Z	13.728	4
42	MP3A	Mx	.014	4
43	MP3B	X	-39.46	2
44	MP3B	Z	22.782	2
45	MP3B	Mx	-.017	2
46	MP3B	X	-39.46	4
47	MP3B	Z	22.782	4
48	MP3B	Mx	-.017	4
49	MP3C	X	-57.294	2
50	MP3C	Z	33.079	2
51	MP3C	Mx	-.011	2
52	MP3C	X	-57.294	4
53	MP3C	Z	33.079	4
54	MP3C	Mx	-.011	4
55	M132A	X	-81.727	7
56	M132A	Z	47.185	7
57	M132A	Mx	0	7
58	MP2A	X	-16.017	4.5
59	MP2A	Z	9.248	4.5
60	MP2A	Mx	-.009	4.5
61	MP2B	X	-20.975	4.5
62	MP2B	Z	12.11	4.5



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 Checked By: _____

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
63	MP2B	Mx	.009	4.5
64	MP2C	X	-26.613	4.5
65	MP2C	Z	15.365	4.5
66	MP2C	Mx	.005	4.5
67	M148B	X	-33.881	1.5
68	M148B	Z	19.561	1.5
69	M148B	Mx	0	1.5
70	MP1A	X	-41.536	1.5
71	MP1A	Z	23.981	1.5
72	MP1A	Mx	-.024	1.5
73	MP1B	X	-49.545	1.5
74	MP1B	Z	28.605	1.5
75	MP1B	Mx	.022	1.5
76	MP1C	X	-58.653	1.5
77	MP1C	Z	33.863	1.5
78	MP1C	Mx	.012	1.5
79	MP4B	X	-120.811	1
80	MP4B	Z	69.75	1
81	MP4B	Mx	-.053	1
82	MP4B	X	-120.811	5
83	MP4B	Z	69.75	5
84	MP4B	Mx	-.053	5
85	MP4C	X	-144.458	1
86	MP4C	Z	83.403	1
87	MP4C	Mx	-.029	1
88	MP4C	X	-144.458	5
89	MP4C	Z	83.403	5
90	MP4C	Mx	-.029	5
91	MP4A	X	-88.047	1
92	MP4A	Z	50.834	1
93	MP4A	Mx	.051	1
94	MP4A	X	-88.047	5
95	MP4A	Z	50.834	5
96	MP4A	Mx	.051	5
97	M176A	X	-33.881	1.5
98	M176A	Z	19.561	1.5
99	M176A	Mx	0	1.5
100	M162A	X	-33.881	1.5
101	M162A	Z	19.561	1.5
102	M162A	Mx	0	1.5
103	M1	X	-81.727	7
104	M1	Z	47.185	7
105	M1	Mx	0	7
106	M198	X	0	1.5
107	M198	Z	0	1.5
108	M198	Mx	0	1.5
109	M201	X	0	1.5
110	M201	Z	0	1.5
111	M201	Mx	0	1.5
112	M204	X	0	1.5
113	M204	Z	0	1.5
114	M204	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	-58.401	1



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 Checked By: _____

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
2	MP2A	Z	0	1
3	MP2A	Mx	.008	1
4	MP2A	X	-58.401	5
5	MP2A	Z	0	5
6	MP2A	Mx	.008	5
7	MP2B	X	-95.31	1
8	MP2B	Z	0	1
9	MP2B	Mx	.036	1
10	MP2B	X	-95.31	5
11	MP2B	Z	0	5
12	MP2B	Mx	.036	5
13	MP2C	X	-67.915	1
14	MP2C	Z	0	1
15	MP2C	Mx	-.051	1
16	MP2C	X	-67.915	5
17	MP2C	Z	0	5
18	MP2C	Mx	-.051	5
19	MP2A	X	-113.205	1
20	MP2A	Z	0	1
21	MP2A	Mx	.082	1
22	MP2A	X	-113.205	5
23	MP2A	Z	0	5
24	MP2A	Mx	.082	5
25	MP2B	X	-145.451	1
26	MP2B	Z	0	1
27	MP2B	Mx	-.105	1
28	MP2B	X	-145.451	5
29	MP2B	Z	0	5
30	MP2B	Mx	-.105	5
31	MP2C	X	-121.517	1
32	MP2C	Z	0	1
33	MP2C	Mx	-.00098	1
34	MP2C	X	-121.517	5
35	MP2C	Z	0	5
36	MP2C	Mx	-.00098	5
37	MP3A	X	-38.413	2
38	MP3A	Z	0	2
39	MP3A	Mx	.017	2
40	MP3A	X	-38.413	4
41	MP3A	Z	0	4
42	MP3A	Mx	.017	4
43	MP3B	X	-66.158	2
44	MP3B	Z	0	2
45	MP3B	Mx	-.011	2
46	MP3B	X	-66.158	4
47	MP3B	Z	0	4
48	MP3B	Mx	-.011	4
49	MP3C	X	-45.565	2
50	MP3C	Z	0	2
51	MP3C	Mx	-.017	2
52	MP3C	X	-45.565	4
53	MP3C	Z	0	4
54	MP3C	Mx	-.017	4
55	M132A	X	-106.42	7
56	M132A	Z	0	7
57	M132A	Mx	0	7
58	MP2A	X	-21.959	4.5



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 Checked By: _____

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
59	MP2A	Z	0	4.5
60	MP2A	Mx	-.01	4.5
61	MP2B	X	-30.73	4.5
62	MP2B	Z	0	4.5
63	MP2B	Mx	.005	4.5
64	MP2C	X	-24.22	4.5
65	MP2C	Z	0	4.5
66	MP2C	Mx	.009	4.5
67	M148B	X	-43.918	1.5
68	M148B	Z	0	1.5
69	M148B	Mx	0	1.5
70	MP1A	X	-53.558	1.5
71	MP1A	Z	0	1.5
72	MP1A	Mx	-.023	1.5
73	MP1B	X	-67.726	1.5
74	MP1B	Z	0	1.5
75	MP1B	Mx	.012	1.5
76	MP1C	X	-57.21	1.5
77	MP1C	Z	0	1.5
78	MP1C	Mx	.022	1.5
79	MP4B	X	-166.806	1
80	MP4B	Z	0	1
81	MP4B	Mx	-.029	1
82	MP4B	X	-166.806	5
83	MP4B	Z	0	5
84	MP4B	Mx	-.029	5
85	MP4C	X	-139.5	1
86	MP4C	Z	0	1
87	MP4C	Mx	-.053	1
88	MP4C	X	-139.5	5
89	MP4C	Z	0	5
90	MP4C	Mx	-.053	5
91	MP4A	X	-114.668	1
92	MP4A	Z	0	1
93	MP4A	Mx	.05	1
94	MP4A	X	-114.668	5
95	MP4A	Z	0	5
96	MP4A	Mx	.05	5
97	M176A	X	-43.918	1.5
98	M176A	Z	0	1.5
99	M176A	Mx	0	1.5
100	M162A	X	-43.918	1.5
101	M162A	Z	0	1.5
102	M162A	Mx	0	1.5
103	M1	X	-106.42	7
104	M1	Z	0	7
105	M1	Mx	0	7
106	M198	X	-28.683	1.5
107	M198	Z	0	1.5
108	M198	Mx	0	1.5
109	M201	X	-28.683	1.5
110	M201	Z	0	1.5
111	M201	Mx	0	1.5
112	M204	X	-28.683	1.5
113	M204	Z	0	1.5
114	M204	Mx	0	1.5



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 Checked By: _____

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	-75.824	1
2	MP2A	Z	-43.777	1
3	MP2A	Mx	-.022	1
4	MP2A	X	-75.824	5
5	MP2A	Z	-43.777	5
6	MP2A	Mx	-.022	5
7	MP2B	X	-86.925	1
8	MP2B	Z	-50.186	1
9	MP2B	Mx	.066	1
10	MP2B	X	-86.925	5
11	MP2B	Z	-50.186	5
12	MP2B	Mx	.066	5
13	MP2C	X	-39.475	1
14	MP2C	Z	-22.791	1
15	MP2C	Mx	-.027	1
16	MP2C	X	-39.475	5
17	MP2C	Z	-22.791	5
18	MP2C	Mx	-.027	5
19	MP2A	X	-120.096	1
20	MP2A	Z	-69.337	1
21	MP2A	Mx	.105	1
22	MP2A	X	-120.096	5
23	MP2A	Z	-69.337	5
24	MP2A	Mx	.105	5
25	MP2B	X	-129.794	1
26	MP2B	Z	-74.937	1
27	MP2B	Mx	-.073	1
28	MP2B	X	-129.794	5
29	MP2B	Z	-74.937	5
30	MP2B	Mx	-.073	5
31	MP2C	X	-88.339	1
32	MP2C	Z	-51.003	1
33	MP2C	Mx	-.04	1
34	MP2C	X	-88.339	5
35	MP2C	Z	-51.003	5
36	MP2C	Mx	-.04	5
37	MP3A	X	-52.245	2
38	MP3A	Z	-30.164	2
39	MP3A	Mx	.015	2
40	MP3A	X	-52.245	4
41	MP3A	Z	-30.164	4
42	MP3A	Mx	.015	4
43	MP3B	X	-60.59	2
44	MP3B	Z	-34.982	2
45	MP3B	Mx	.006	2
46	MP3B	X	-60.59	4
47	MP3B	Z	-34.982	4
48	MP3B	Mx	.006	4
49	MP3C	X	-24.922	2
50	MP3C	Z	-14.388	2
51	MP3C	Mx	-.014	2
52	MP3C	X	-24.922	4
53	MP3C	Z	-14.388	4
54	MP3C	Mx	-.014	4
55	M132A	X	-113.033	7
56	M132A	Z	-65.26	7
57	M132A	Mx	0	7



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 Checked By: _____

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
58	MP2A	X	-25.017	4.5
59	MP2A	Z	-14.443	4.5
60	MP2A	Mx	-.007	4.5
61	MP2B	X	-27.655	4.5
62	MP2B	Z	-15.967	4.5
63	MP2B	Mx	-.003	4.5
64	MP2C	X	-16.379	4.5
65	MP2C	Z	-9.456	4.5
66	MP2C	Mx	.009	4.5
67	M148B	X	-46.342	1.5
68	M148B	Z	-26.755	1.5
69	M148B	Mx	0	1.5
70	MP1A	X	-56.074	1.5
71	MP1A	Z	-32.374	1.5
72	MP1A	Mx	-.016	1.5
73	MP1B	X	-60.336	1.5
74	MP1B	Z	-34.835	1.5
75	MP1B	Mx	-.006	1.5
76	MP1C	X	-42.121	1.5
77	MP1C	Z	-24.318	1.5
78	MP1C	Mx	.024	1.5
79	MP4B	X	-148.828	1
80	MP4B	Z	-85.926	1
81	MP4B	Mx	.015	1
82	MP4B	X	-148.828	5
83	MP4B	Z	-85.926	5
84	MP4B	Mx	.015	5
85	MP4C	X	-101.533	1
86	MP4C	Z	-58.62	1
87	MP4C	Mx	-.058	1
88	MP4C	X	-101.533	5
89	MP4C	Z	-58.62	5
90	MP4C	Mx	-.058	5
91	MP4A	X	-121.821	1
92	MP4A	Z	-70.334	1
93	MP4A	Mx	.035	1
94	MP4A	X	-121.821	5
95	MP4A	Z	-70.334	5
96	MP4A	Mx	.035	5
97	M176A	X	-46.342	1.5
98	M176A	Z	-26.755	1.5
99	M176A	Mx	0	1.5
100	M162A	X	-46.342	1.5
101	M162A	Z	-26.755	1.5
102	M162A	Mx	0	1.5
103	M1	X	-113.033	7
104	M1	Z	-65.26	7
105	M1	Mx	0	7
106	M198	X	-74.521	1.5
107	M198	Z	-43.025	1.5
108	M198	Mx	0	1.5
109	M201	X	-74.521	1.5
110	M201	Z	-43.025	1.5
111	M201	Mx	0	1.5
112	M204	X	-74.521	1.5
113	M204	Z	-43.025	1.5
114	M204	Mx	0	1.5



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 Checked By: _____

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	-51.066	1
2	MP2A	Z	-88.448	1
3	MP2A	Mx	-.06	1
4	MP2A	X	-51.066	5
5	MP2A	Z	-88.448	5
6	MP2A	Mx	-.06	5
7	MP2B	X	-39.02	1
8	MP2B	Z	-67.585	1
9	MP2B	Mx	.06	1
10	MP2B	X	-39.02	5
11	MP2B	Z	-67.585	5
12	MP2B	Mx	.06	5
13	MP2C	X	-25.322	1
14	MP2C	Z	-43.86	1
15	MP2C	Mx	-.014	1
16	MP2C	X	-25.322	5
17	MP2C	Z	-43.86	5
18	MP2C	Mx	-.014	5
19	MP2A	X	-75.705	1
20	MP2A	Z	-131.125	1
21	MP2A	Mx	.088	1
22	MP2A	X	-75.705	5
23	MP2A	Z	-131.125	5
24	MP2A	Mx	.088	5
25	MP2B	X	-65.181	1
26	MP2B	Z	-112.897	1
27	MP2B	Mx	-.016	1
28	MP2B	X	-65.181	5
29	MP2B	Z	-112.897	5
30	MP2B	Mx	-.016	5
31	MP2C	X	-53.214	1
32	MP2C	Z	-92.17	1
33	MP2C	Mx	-.071	1
34	MP2C	X	-53.214	5
35	MP2C	Z	-92.17	5
36	MP2C	Mx	-.071	5
37	MP3A	X	-35.642	2
38	MP3A	Z	-61.734	2
39	MP3A	Mx	0	2
40	MP3A	X	-35.642	4
41	MP3A	Z	-61.734	4
42	MP3A	Mx	0	4
43	MP3B	X	-26.588	2
44	MP3B	Z	-46.051	2
45	MP3B	Mx	.017	2
46	MP3B	X	-26.588	4
47	MP3B	Z	-46.051	4
48	MP3B	Mx	.017	4
49	MP3C	X	-16.291	2
50	MP3C	Z	-28.217	2
51	MP3C	Mx	-.015	2
52	MP3C	X	-16.291	4
53	MP3C	Z	-28.217	4
54	MP3C	Mx	-.015	4
55	M132A	X	-71.285	7
56	M132A	Z	-123.469	7
57	M132A	Mx	0	7



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 Checked By: _____

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
58	MP2A	X	-16.175	4.5
59	MP2A	Z	-28.017	4.5
60	MP2A	Mx	0	4.5
61	MP2B	X	-13.313	4.5
62	MP2B	Z	-23.059	4.5
63	MP2B	Mx	-.009	4.5
64	MP2C	X	-10.058	4.5
65	MP2C	Z	-17.421	4.5
66	MP2C	Mx	.009	4.5
67	M148B	X	-29.153	1.5
68	M148B	Z	-50.495	1.5
69	M148B	Mx	0	1.5
70	MP1A	X	-35.172	1.5
71	MP1A	Z	-60.92	1.5
72	MP1A	Mx	0	1.5
73	MP1B	X	-30.548	1.5
74	MP1B	Z	-52.911	1.5
75	MP1B	Mx	-.02	1.5
76	MP1C	X	-25.29	1.5
77	MP1C	Z	-43.804	1.5
78	MP1C	Mx	.024	1.5
79	MP4B	X	-74.796	1
80	MP4B	Z	-129.55	1
81	MP4B	Mx	.048	1
82	MP4B	X	-74.796	5
83	MP4B	Z	-129.55	5
84	MP4B	Mx	.048	5
85	MP4C	X	-61.143	1
86	MP4C	Z	-105.903	1
87	MP4C	Mx	-.057	1
88	MP4C	X	-61.143	5
89	MP4C	Z	-105.903	5
90	MP4C	Mx	-.057	5
91	MP4A	X	-76.833	1
92	MP4A	Z	-133.079	1
93	MP4A	Mx	0	1
94	MP4A	X	-76.833	5
95	MP4A	Z	-133.079	5
96	MP4A	Mx	0	5
97	M176A	X	-29.153	1.5
98	M176A	Z	-50.495	1.5
99	M176A	Mx	0	1.5
100	M162A	X	-29.153	1.5
101	M162A	Z	-50.495	1.5
102	M162A	Mx	0	1.5
103	M1	X	-71.285	7
104	M1	Z	-123.469	7
105	M1	Mx	0	7
106	M198	X	-57.366	1.5
107	M198	Z	-99.362	1.5
108	M198	Mx	0	1.5
109	M201	X	-57.366	1.5
110	M201	Z	-99.362	1.5
111	M201	Mx	0	1.5
112	M204	X	-57.366	1.5
113	M204	Z	-99.362	1.5
114	M204	Mx	0	1.5



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 Checked By: _____

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	0	1
2	MP2A	Z	-24.774	1
3	MP2A	Mx	-.019	1
4	MP2A	X	0	5
5	MP2A	Z	-24.774	5
6	MP2A	Mx	-.019	5
7	MP2B	X	0	1
8	MP2B	Z	-19.502	1
9	MP2B	Mx	.013	1
10	MP2B	X	0	5
11	MP2B	Z	-19.502	5
12	MP2B	Mx	.013	5
13	MP2C	X	0	1
14	MP2C	Z	-23.415	1
15	MP2C	Mx	.003	1
16	MP2C	X	0	5
17	MP2C	Z	-23.415	5
18	MP2C	Mx	.003	5
19	MP2A	X	0	1
20	MP2A	Z	-24.774	1
21	MP2A	Mx	.006	1
22	MP2A	X	0	5
23	MP2A	Z	-24.774	5
24	MP2A	Mx	.006	5
25	MP2B	X	0	1
26	MP2B	Z	-19.502	1
27	MP2B	Mx	.005	1
28	MP2B	X	0	5
29	MP2B	Z	-19.502	5
30	MP2B	Mx	.005	5
31	MP2C	X	0	1
32	MP2C	Z	-23.415	1
33	MP2C	Mx	-.018	1
34	MP2C	X	0	5
35	MP2C	Z	-23.415	5
36	MP2C	Mx	-.018	5
37	MP3A	X	0	2
38	MP3A	Z	-11.175	2
39	MP3A	Mx	-.003	2
40	MP3A	X	0	4
41	MP3A	Z	-11.175	4
42	MP3A	Mx	-.003	4
43	MP3B	X	0	2
44	MP3B	Z	-6.403	2
45	MP3B	Mx	.003	2
46	MP3B	X	0	4
47	MP3B	Z	-6.403	4
48	MP3B	Mx	.003	4
49	MP3C	X	0	2
50	MP3C	Z	-9.944	2
51	MP3C	Mx	-.003	2
52	MP3C	X	0	4
53	MP3C	Z	-9.944	4
54	MP3C	Mx	-.003	4
55	M132A	X	0	7
56	M132A	Z	-23.917	7
57	M132A	Mx	0	7



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 Checked By: _____

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
58	MP2A	X	0	4.5
59	MP2A	Z	-6.1	4.5
60	MP2A	Mx	.002	4.5
61	MP2B	X	0	4.5
62	MP2B	Z	-4.553	4.5
63	MP2B	Mx	-.002	4.5
64	MP2C	X	0	4.5
65	MP2C	Z	-5.701	4.5
66	MP2C	Mx	.002	4.5
67	M148B	X	0	1.5
68	M148B	Z	-12.47	1.5
69	M148B	Mx	0	1.5
70	MP1A	X	0	1.5
71	MP1A	Z	-12.511	1.5
72	MP1A	Mx	.003	1.5
73	MP1B	X	0	1.5
74	MP1B	Z	-10.017	1.5
75	MP1B	Mx	-.005	1.5
76	MP1C	X	0	1.5
77	MP1C	Z	-11.868	1.5
78	MP1C	Mx	.004	1.5
79	MP4B	X	0	1
80	MP4B	Z	-22.254	1
81	MP4B	Mx	.01	1
82	MP4B	X	0	5
83	MP4B	Z	-22.254	5
84	MP4B	Mx	.01	5
85	MP4C	X	0	1
86	MP4C	Z	-26.695	1
87	MP4C	Mx	-.009	1
88	MP4C	X	0	5
89	MP4C	Z	-26.695	5
90	MP4C	Mx	-.009	5
91	MP4A	X	0	1
92	MP4A	Z	-25.051	1
93	MP4A	Mx	-.006	1
94	MP4A	X	0	5
95	MP4A	Z	-25.051	5
96	MP4A	Mx	-.006	5
97	M176A	X	0	1.5
98	M176A	Z	-12.47	1.5
99	M176A	Mx	0	1.5
100	M162A	X	0	1.5
101	M162A	Z	-12.47	1.5
102	M162A	Mx	0	1.5
103	M1	X	0	7
104	M1	Z	-23.917	7
105	M1	Mx	0	7
106	M198	X	0	1.5
107	M198	Z	-30.786	1.5
108	M198	Mx	0	1.5
109	M201	X	0	1.5
110	M201	Z	-30.786	1.5
111	M201	Mx	0	1.5
112	M204	X	0	1.5
113	M204	Z	-30.786	1.5
114	M204	Mx	0	1.5



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 Checked By: _____

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	10.305	1
2	MP2A	Z	-17.849	1
3	MP2A	Mx	-.015	1
4	MP2A	X	10.305	5
5	MP2A	Z	-17.849	5
6	MP2A	Mx	-.015	5
7	MP2B	X	9.39	1
8	MP2B	Z	-16.263	1
9	MP2B	Mx	.007	1
10	MP2B	X	9.39	5
11	MP2B	Z	-16.263	5
12	MP2B	Mx	.007	5
13	MP2C	X	13.302	1
14	MP2C	Z	-23.04	1
15	MP2C	Mx	.013	1
16	MP2C	X	13.302	5
17	MP2C	Z	-23.04	5
18	MP2C	Mx	.013	5
19	MP2A	X	10.305	1
20	MP2A	Z	-17.849	1
21	MP2A	Mx	-.003	1
22	MP2A	X	10.305	5
23	MP2A	Z	-17.849	5
24	MP2A	Mx	-.003	5
25	MP2B	X	9.39	1
26	MP2B	Z	-16.263	1
27	MP2B	Mx	.011	1
28	MP2B	X	9.39	5
29	MP2B	Z	-16.263	5
30	MP2B	Mx	.011	5
31	MP2C	X	13.302	1
32	MP2C	Z	-23.04	1
33	MP2C	Mx	-.018	1
34	MP2C	X	13.302	5
35	MP2C	Z	-23.04	5
36	MP2C	Mx	-.018	5
37	MP3A	X	3.703	2
38	MP3A	Z	-6.413	2
39	MP3A	Mx	-.003	2
40	MP3A	X	3.703	4
41	MP3A	Z	-6.413	4
42	MP3A	Mx	-.003	4
43	MP3B	X	2.874	2
44	MP3B	Z	-4.978	2
45	MP3B	Mx	.003	2
46	MP3B	X	2.874	4
47	MP3B	Z	-4.978	4
48	MP3B	Mx	.003	4
49	MP3C	X	6.416	2
50	MP3C	Z	-11.113	2
51	MP3C	Mx	-.001	2
52	MP3C	X	6.416	4
53	MP3C	Z	-11.113	4
54	MP3C	Mx	-.001	4
55	M132A	X	9.91	7
56	M132A	Z	-17.164	7
57	M132A	Mx	0	7



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 Checked By: _____

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
58	MP2A	X	2.439	4.5
59	MP2A	Z	-4.225	4.5
60	MP2A	Mx	.002	4.5
61	MP2B	X	2.171	4.5
62	MP2B	Z	-3.76	4.5
63	MP2B	Mx	-.002	4.5
64	MP2C	X	3.318	4.5
65	MP2C	Z	-5.748	4.5
66	MP2C	Mx	.000577	4.5
67	M148B	X	5.209	1.5
68	M148B	Z	-9.023	1.5
69	M148B	Mx	0	1.5
70	MP1A	X	5.271	1.5
71	MP1A	Z	-9.129	1.5
72	MP1A	Mx	.005	1.5
73	MP1B	X	4.838	1.5
74	MP1B	Z	-8.379	1.5
75	MP1B	Mx	-.005	1.5
76	MP1C	X	6.689	1.5
77	MP1C	Z	-11.585	1.5
78	MP1C	Mx	.001	1.5
79	MP4B	X	10.717	1
80	MP4B	Z	-18.562	1
81	MP4B	Mx	.011	1
82	MP4B	X	10.717	5
83	MP4B	Z	-18.562	5
84	MP4B	Mx	.011	5
85	MP4C	X	15.158	1
86	MP4C	Z	-26.254	1
87	MP4C	Mx	-.003	1
88	MP4C	X	15.158	5
89	MP4C	Z	-26.254	5
90	MP4C	Mx	-.003	5
91	MP4A	X	10.421	1
92	MP4A	Z	-18.05	1
93	MP4A	Mx	-.009	1
94	MP4A	X	10.421	5
95	MP4A	Z	-18.05	5
96	MP4A	Mx	-.009	5
97	M176A	X	5.209	1.5
98	M176A	Z	-9.023	1.5
99	M176A	Mx	0	1.5
100	M162A	X	5.209	1.5
101	M162A	Z	-9.023	1.5
102	M162A	Mx	0	1.5
103	M1	X	9.91	7
104	M1	Z	-17.164	7
105	M1	Mx	0	7
106	M198	X	15.393	1.5
107	M198	Z	-26.661	1.5
108	M198	Mx	0	1.5
109	M201	X	15.393	1.5
110	M201	Z	-26.661	1.5
111	M201	Mx	0	1.5
112	M204	X	15.393	1.5
113	M204	Z	-26.661	1.5
114	M204	Mx	0	1.5



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 Checked By: _____

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	16.046	1
2	MP2A	Z	-9.264	1
3	MP2A	Mx	-.009	1
4	MP2A	X	16.046	5
5	MP2A	Z	-9.264	5
6	MP2A	Mx	-.009	5
7	MP2B	X	19.026	1
8	MP2B	Z	-10.984	1
9	MP2B	Mx	.000177	1
10	MP2B	X	19.026	5
11	MP2B	Z	-10.984	5
12	MP2B	Mx	.000177	5
13	MP2C	X	22.414	1
14	MP2C	Z	-12.941	1
15	MP2C	Mx	.019	1
16	MP2C	X	22.414	5
17	MP2C	Z	-12.941	5
18	MP2C	Mx	.019	5
19	MP2A	X	16.046	1
20	MP2A	Z	-9.264	1
21	MP2A	Mx	-.009	1
22	MP2A	X	16.046	5
23	MP2A	Z	-9.264	5
24	MP2A	Mx	-.009	5
25	MP2B	X	19.026	1
26	MP2B	Z	-10.984	1
27	MP2B	Mx	.017	1
28	MP2B	X	19.026	5
29	MP2B	Z	-10.984	5
30	MP2B	Mx	.017	5
31	MP2C	X	22.414	1
32	MP2C	Z	-12.941	1
33	MP2C	Mx	-.01	1
34	MP2C	X	22.414	5
35	MP2C	Z	-12.941	5
36	MP2C	Mx	-.01	5
37	MP3A	X	4.781	2
38	MP3A	Z	-2.76	2
39	MP3A	Mx	-.003	2
40	MP3A	X	4.781	4
41	MP3A	Z	-2.76	4
42	MP3A	Mx	-.003	4
43	MP3B	X	7.478	2
44	MP3B	Z	-4.318	2
45	MP3B	Mx	.003	2
46	MP3B	X	7.478	4
47	MP3B	Z	-4.318	4
48	MP3B	Mx	.003	4
49	MP3C	X	10.546	2
50	MP3C	Z	-6.089	2
51	MP3C	Mx	.002	2
52	MP3C	X	10.546	4
53	MP3C	Z	-6.089	4
54	MP3C	Mx	.002	4
55	M132A	X	15.389	7
56	M132A	Z	-8.885	7
57	M132A	Mx	0	7



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 Checked By: _____

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
58	MP2A	X	3.696	4.5
59	MP2A	Z	-2.134	4.5
60	MP2A	Mx	.002	4.5
61	MP2B	X	4.57	4.5
62	MP2B	Z	-2.638	4.5
63	MP2B	Mx	-.002	4.5
64	MP2C	X	5.564	4.5
65	MP2C	Z	-3.212	4.5
66	MP2C	Mx	-.001	4.5
67	M148B	X	8.134	1.5
68	M148B	Z	-4.696	1.5
69	M148B	Mx	0	1.5
70	MP1A	X	8.276	1.5
71	MP1A	Z	-4.778	1.5
72	MP1A	Mx	.005	1.5
73	MP1B	X	9.686	1.5
74	MP1B	Z	-5.592	1.5
75	MP1B	Mx	-.004	1.5
76	MP1C	X	11.289	1.5
77	MP1C	Z	-6.518	1.5
78	MP1C	Mx	-.002	1.5
79	MP4B	X	21.697	1
80	MP4B	Z	-12.527	1
81	MP4B	Mx	.01	1
82	MP4B	X	21.697	5
83	MP4B	Z	-12.527	5
84	MP4B	Mx	.01	5
85	MP4C	X	25.543	1
86	MP4C	Z	-14.747	1
87	MP4C	Mx	.005	1
88	MP4C	X	25.543	5
89	MP4C	Z	-14.747	5
90	MP4C	Mx	.005	5
91	MP4A	X	16.228	1
92	MP4A	Z	-9.369	1
93	MP4A	Mx	-.009	1
94	MP4A	X	16.228	5
95	MP4A	Z	-9.369	5
96	MP4A	Mx	-.009	5
97	M176A	X	8.134	1.5
98	M176A	Z	-4.696	1.5
99	M176A	Mx	0	1.5
100	M162A	X	8.134	1.5
101	M162A	Z	-4.696	1.5
102	M162A	Mx	0	1.5
103	M1	X	15.389	7
104	M1	Z	-8.885	7
105	M1	Mx	0	7
106	M198	X	26.661	1.5
107	M198	Z	-15.393	1.5
108	M198	Mx	0	1.5
109	M201	X	26.661	1.5
110	M201	Z	-15.393	1.5
111	M201	Mx	0	1.5
112	M204	X	26.661	1.5
113	M204	Z	-15.393	1.5
114	M204	Mx	0	1.5



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 Checked By: _____

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	20.61	1
2	MP2A	Z	0	1
3	MP2A	Mx	-.003	1
4	MP2A	X	20.61	5
5	MP2A	Z	0	5
6	MP2A	Mx	-.003	5
7	MP2B	X	25.881	1
8	MP2B	Z	0	1
9	MP2B	Mx	-.01	1
10	MP2B	X	25.881	5
11	MP2B	Z	0	5
12	MP2B	Mx	-.01	5
13	MP2C	X	21.969	1
14	MP2C	Z	0	1
15	MP2C	Mx	.017	1
16	MP2C	X	21.969	5
17	MP2C	Z	0	5
18	MP2C	Mx	.017	5
19	MP2A	X	20.61	1
20	MP2A	Z	0	1
21	MP2A	Mx	-.015	1
22	MP2A	X	20.61	5
23	MP2A	Z	0	5
24	MP2A	Mx	-.015	5
25	MP2B	X	25.881	1
26	MP2B	Z	0	1
27	MP2B	Mx	.019	1
28	MP2B	X	25.881	5
29	MP2B	Z	0	5
30	MP2B	Mx	.019	5
31	MP2C	X	21.969	1
32	MP2C	Z	0	1
33	MP2C	Mx	.000177	1
34	MP2C	X	21.969	5
35	MP2C	Z	0	5
36	MP2C	Mx	.000177	5
37	MP3A	X	7.405	2
38	MP3A	Z	0	2
39	MP3A	Mx	-.003	2
40	MP3A	X	7.405	4
41	MP3A	Z	0	4
42	MP3A	Mx	-.003	4
43	MP3B	X	12.177	2
44	MP3B	Z	0	2
45	MP3B	Mx	.002	2
46	MP3B	X	12.177	4
47	MP3B	Z	0	4
48	MP3B	Mx	.002	4
49	MP3C	X	8.635	2
50	MP3C	Z	0	2
51	MP3C	Mx	.003	2
52	MP3C	X	8.635	4
53	MP3C	Z	0	4
54	MP3C	Mx	.003	4
55	M132A	X	19.819	7
56	M132A	Z	0	7
57	M132A	Mx	0	7



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 Checked By: _____

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
58	MP2A	X	4.878	4.5
59	MP2A	Z	0	4.5
60	MP2A	Mx	.002	4.5
61	MP2B	X	6.425	4.5
62	MP2B	Z	0	4.5
63	MP2B	Mx	-.001	4.5
64	MP2C	X	5.277	4.5
65	MP2C	Z	0	4.5
66	MP2C	Mx	-.002	4.5
67	M148B	X	10.418	1.5
68	M148B	Z	0	1.5
69	M148B	Mx	0	1.5
70	MP1A	X	10.542	1.5
71	MP1A	Z	0	1.5
72	MP1A	Mx	.005	1.5
73	MP1B	X	13.035	1.5
74	MP1B	Z	0	1.5
75	MP1B	Mx	-.002	1.5
76	MP1C	X	11.184	1.5
77	MP1C	Z	0	1.5
78	MP1C	Mx	-.004	1.5
79	MP4B	X	29.495	1
80	MP4B	Z	0	1
81	MP4B	Mx	.005	1
82	MP4B	X	29.495	5
83	MP4B	Z	0	5
84	MP4B	Mx	.005	5
85	MP4C	X	25.054	1
86	MP4C	Z	0	1
87	MP4C	Mx	.01	1
88	MP4C	X	25.054	5
89	MP4C	Z	0	5
90	MP4C	Mx	.01	5
91	MP4A	X	20.842	1
92	MP4A	Z	0	1
93	MP4A	Mx	-.009	1
94	MP4A	X	20.842	5
95	MP4A	Z	0	5
96	MP4A	Mx	-.009	5
97	M176A	X	10.418	1.5
98	M176A	Z	0	1.5
99	M176A	Mx	0	1.5
100	M162A	X	10.418	1.5
101	M162A	Z	0	1.5
102	M162A	Mx	0	1.5
103	M1	X	19.819	7
104	M1	Z	0	7
105	M1	Mx	0	7
106	M198	X	30.786	1.5
107	M198	Z	0	1.5
108	M198	Mx	0	1.5
109	M201	X	30.786	1.5
110	M201	Z	0	1.5
111	M201	Mx	0	1.5
112	M204	X	30.786	1.5
113	M204	Z	0	1.5
114	M204	Mx	0	1.5



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 Checked By: _____

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	21.455	1
2	MP2A	Z	12.387	1
3	MP2A	Mx	.006	1
4	MP2A	X	21.455	5
5	MP2A	Z	12.387	5
6	MP2A	Mx	.006	5
7	MP2B	X	23.04	1
8	MP2B	Z	13.302	1
9	MP2B	Mx	-.018	1
10	MP2B	X	23.04	5
11	MP2B	Z	13.302	5
12	MP2B	Mx	-.018	5
13	MP2C	X	16.263	1
14	MP2C	Z	9.39	1
15	MP2C	Mx	.011	1
16	MP2C	X	16.263	5
17	MP2C	Z	9.39	5
18	MP2C	Mx	.011	5
19	MP2A	X	21.455	1
20	MP2A	Z	12.387	1
21	MP2A	Mx	-.019	1
22	MP2A	X	21.455	5
23	MP2A	Z	12.387	5
24	MP2A	Mx	-.019	5
25	MP2B	X	23.04	1
26	MP2B	Z	13.302	1
27	MP2B	Mx	.013	1
28	MP2B	X	23.04	5
29	MP2B	Z	13.302	5
30	MP2B	Mx	.013	5
31	MP2C	X	16.263	1
32	MP2C	Z	9.39	1
33	MP2C	Mx	.007	1
34	MP2C	X	16.263	5
35	MP2C	Z	9.39	5
36	MP2C	Mx	.007	5
37	MP3A	X	9.677	2
38	MP3A	Z	5.587	2
39	MP3A	Mx	-.003	2
40	MP3A	X	9.677	4
41	MP3A	Z	5.587	4
42	MP3A	Mx	-.003	4
43	MP3B	X	11.113	2
44	MP3B	Z	6.416	2
45	MP3B	Mx	-.001	2
46	MP3B	X	11.113	4
47	MP3B	Z	6.416	4
48	MP3B	Mx	-.001	4
49	MP3C	X	4.978	2
50	MP3C	Z	2.874	2
51	MP3C	Mx	.003	2
52	MP3C	X	4.978	4
53	MP3C	Z	2.874	4
54	MP3C	Mx	.003	4
55	M132A	X	20.713	7
56	M132A	Z	11.959	7
57	M132A	Mx	0	7



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 Checked By: _____

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
58	MP2A	X	5.283	4.5
59	MP2A	Z	3.05	4.5
60	MP2A	Mx	.002	4.5
61	MP2B	X	5.748	4.5
62	MP2B	Z	3.318	4.5
63	MP2B	Mx	.000576	4.5
64	MP2C	X	3.76	4.5
65	MP2C	Z	2.171	4.5
66	MP2C	Mx	-.002	4.5
67	M148B	X	10.8	1.5
68	M148B	Z	6.235	1.5
69	M148B	Mx	0	1.5
70	MP1A	X	10.835	1.5
71	MP1A	Z	6.256	1.5
72	MP1A	Mx	.003	1.5
73	MP1B	X	11.585	1.5
74	MP1B	Z	6.689	1.5
75	MP1B	Mx	.001	1.5
76	MP1C	X	8.379	1.5
77	MP1C	Z	4.838	1.5
78	MP1C	Mx	-.005	1.5
79	MP4B	X	26.254	1
80	MP4B	Z	15.158	1
81	MP4B	Mx	-.003	1
82	MP4B	X	26.254	5
83	MP4B	Z	15.158	5
84	MP4B	Mx	-.003	5
85	MP4C	X	18.562	1
86	MP4C	Z	10.717	1
87	MP4C	Mx	.011	1
88	MP4C	X	18.562	5
89	MP4C	Z	10.717	5
90	MP4C	Mx	.011	5
91	MP4A	X	21.695	1
92	MP4A	Z	12.526	1
93	MP4A	Mx	-.006	1
94	MP4A	X	21.695	5
95	MP4A	Z	12.526	5
96	MP4A	Mx	-.006	5
97	M176A	X	10.8	1.5
98	M176A	Z	6.235	1.5
99	M176A	Mx	0	1.5
100	M162A	X	10.8	1.5
101	M162A	Z	6.235	1.5
102	M162A	Mx	0	1.5
103	M1	X	20.713	7
104	M1	Z	11.959	7
105	M1	Mx	0	7
106	M198	X	26.661	1.5
107	M198	Z	15.393	1.5
108	M198	Mx	0	1.5
109	M201	X	26.661	1.5
110	M201	Z	15.393	1.5
111	M201	Mx	0	1.5
112	M204	X	26.661	1.5
113	M204	Z	15.393	1.5
114	M204	Mx	0	1.5



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 Checked By: _____

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	13.428	1
2	MP2A	Z	23.258	1
3	MP2A	Mx	.016	1
4	MP2A	X	13.428	5
5	MP2A	Z	23.258	5
6	MP2A	Mx	.016	5
7	MP2B	X	11.707	1
8	MP2B	Z	20.278	1
9	MP2B	Mx	-.018	1
10	MP2B	X	11.707	5
11	MP2B	Z	20.278	5
12	MP2B	Mx	-.018	5
13	MP2C	X	9.751	1
14	MP2C	Z	16.89	1
15	MP2C	Mx	.005	1
16	MP2C	X	9.751	5
17	MP2C	Z	16.89	5
18	MP2C	Mx	.005	5
19	MP2A	X	13.428	1
20	MP2A	Z	23.258	1
21	MP2A	Mx	-.016	1
22	MP2A	X	13.428	5
23	MP2A	Z	23.258	5
24	MP2A	Mx	-.016	5
25	MP2B	X	11.707	1
26	MP2B	Z	20.278	1
27	MP2B	Mx	.003	1
28	MP2B	X	11.707	5
29	MP2B	Z	20.278	5
30	MP2B	Mx	.003	5
31	MP2C	X	9.751	1
32	MP2C	Z	16.89	1
33	MP2C	Mx	.013	1
34	MP2C	X	9.751	5
35	MP2C	Z	16.89	5
36	MP2C	Mx	.013	5
37	MP3A	X	6.53	2
38	MP3A	Z	11.31	2
39	MP3A	Mx	0	2
40	MP3A	X	6.53	4
41	MP3A	Z	11.31	4
42	MP3A	Mx	0	4
43	MP3B	X	4.972	2
44	MP3B	Z	8.612	2
45	MP3B	Mx	-.003	2
46	MP3B	X	4.972	4
47	MP3B	Z	8.612	4
48	MP3B	Mx	-.003	4
49	MP3C	X	3.201	2
50	MP3C	Z	5.545	2
51	MP3C	Mx	.003	2
52	MP3C	X	3.201	4
53	MP3C	Z	5.545	4
54	MP3C	Mx	.003	4
55	M132A	X	12.983	7
56	M132A	Z	22.488	7
57	M132A	Mx	0	7



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 Checked By: _____

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
58	MP2A	X	3.355	4.5
59	MP2A	Z	5.811	4.5
60	MP2A	Mx	0	4.5
61	MP2B	X	2.851	4.5
62	MP2B	Z	4.937	4.5
63	MP2B	Mx	.002	4.5
64	MP2C	X	2.277	4.5
65	MP2C	Z	3.943	4.5
66	MP2C	Mx	-.002	4.5
67	M148B	X	6.748	1.5
68	M148B	Z	11.688	1.5
69	M148B	Mx	0	1.5
70	MP1A	X	6.748	1.5
71	MP1A	Z	11.688	1.5
72	MP1A	Mx	0	1.5
73	MP1B	X	5.934	1.5
74	MP1B	Z	10.278	1.5
75	MP1B	Mx	.004	1.5
76	MP1C	X	5.009	1.5
77	MP1C	Z	8.675	1.5
78	MP1C	Mx	-.005	1.5
79	MP4B	X	13.348	1
80	MP4B	Z	23.119	1
81	MP4B	Mx	-.009	1
82	MP4B	X	13.348	5
83	MP4B	Z	23.119	5
84	MP4B	Mx	-.009	5
85	MP4C	X	11.127	1
86	MP4C	Z	19.273	1
87	MP4C	Mx	.01	1
88	MP4C	X	11.127	5
89	MP4C	Z	19.273	5
90	MP4C	Mx	.01	5
91	MP4A	X	13.578	1
92	MP4A	Z	23.517	1
93	MP4A	Mx	0	1
94	MP4A	X	13.578	5
95	MP4A	Z	23.517	5
96	MP4A	Mx	0	5
97	M176A	X	6.748	1.5
98	M176A	Z	11.688	1.5
99	M176A	Mx	0	1.5
100	M162A	X	6.748	1.5
101	M162A	Z	11.688	1.5
102	M162A	Mx	0	1.5
103	M1	X	12.983	7
104	M1	Z	22.488	7
105	M1	Mx	0	7
106	M198	X	15.393	1.5
107	M198	Z	26.661	1.5
108	M198	Mx	0	1.5
109	M201	X	15.393	1.5
110	M201	Z	26.661	1.5
111	M201	Mx	0	1.5
112	M204	X	15.393	1.5
113	M204	Z	26.661	1.5
114	M204	Mx	0	1.5



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 Checked By: _____

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	0	1
2	MP2A	Z	24.774	1
3	MP2A	Mx	.019	1
4	MP2A	X	0	5
5	MP2A	Z	24.774	5
6	MP2A	Mx	.019	5
7	MP2B	X	0	1
8	MP2B	Z	19.502	1
9	MP2B	Mx	-.013	1
10	MP2B	X	0	5
11	MP2B	Z	19.502	5
12	MP2B	Mx	-.013	5
13	MP2C	X	0	1
14	MP2C	Z	23.415	1
15	MP2C	Mx	-.003	1
16	MP2C	X	0	5
17	MP2C	Z	23.415	5
18	MP2C	Mx	-.003	5
19	MP2A	X	0	1
20	MP2A	Z	24.774	1
21	MP2A	Mx	-.006	1
22	MP2A	X	0	5
23	MP2A	Z	24.774	5
24	MP2A	Mx	-.006	5
25	MP2B	X	0	1
26	MP2B	Z	19.502	1
27	MP2B	Mx	-.005	1
28	MP2B	X	0	5
29	MP2B	Z	19.502	5
30	MP2B	Mx	-.005	5
31	MP2C	X	0	1
32	MP2C	Z	23.415	1
33	MP2C	Mx	.018	1
34	MP2C	X	0	5
35	MP2C	Z	23.415	5
36	MP2C	Mx	.018	5
37	MP3A	X	0	2
38	MP3A	Z	11.175	2
39	MP3A	Mx	.003	2
40	MP3A	X	0	4
41	MP3A	Z	11.175	4
42	MP3A	Mx	.003	4
43	MP3B	X	0	2
44	MP3B	Z	6.403	2
45	MP3B	Mx	-.003	2
46	MP3B	X	0	4
47	MP3B	Z	6.403	4
48	MP3B	Mx	-.003	4
49	MP3C	X	0	2
50	MP3C	Z	9.944	2
51	MP3C	Mx	.003	2
52	MP3C	X	0	4
53	MP3C	Z	9.944	4
54	MP3C	Mx	.003	4
55	M132A	X	0	7
56	M132A	Z	23.917	7
57	M132A	Mx	0	7



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 Checked By: _____

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
58	MP2A	X	0	4.5
59	MP2A	Z	6.1	4.5
60	MP2A	Mx	-.002	4.5
61	MP2B	X	0	4.5
62	MP2B	Z	4.553	4.5
63	MP2B	Mx	.002	4.5
64	MP2C	X	0	4.5
65	MP2C	Z	5.701	4.5
66	MP2C	Mx	-.002	4.5
67	M148B	X	0	1.5
68	M148B	Z	12.47	1.5
69	M148B	Mx	0	1.5
70	MP1A	X	0	1.5
71	MP1A	Z	12.511	1.5
72	MP1A	Mx	-.003	1.5
73	MP1B	X	0	1.5
74	MP1B	Z	10.017	1.5
75	MP1B	Mx	.005	1.5
76	MP1C	X	0	1.5
77	MP1C	Z	11.868	1.5
78	MP1C	Mx	-.004	1.5
79	MP4B	X	0	1
80	MP4B	Z	22.254	1
81	MP4B	Mx	-.01	1
82	MP4B	X	0	5
83	MP4B	Z	22.254	5
84	MP4B	Mx	-.01	5
85	MP4C	X	0	1
86	MP4C	Z	26.695	1
87	MP4C	Mx	.009	1
88	MP4C	X	0	5
89	MP4C	Z	26.695	5
90	MP4C	Mx	.009	5
91	MP4A	X	0	1
92	MP4A	Z	25.051	1
93	MP4A	Mx	.006	1
94	MP4A	X	0	5
95	MP4A	Z	25.051	5
96	MP4A	Mx	.006	5
97	M176A	X	0	1.5
98	M176A	Z	12.47	1.5
99	M176A	Mx	0	1.5
100	M162A	X	0	1.5
101	M162A	Z	12.47	1.5
102	M162A	Mx	0	1.5
103	M1	X	0	7
104	M1	Z	23.917	7
105	M1	Mx	0	7
106	M198	X	0	1.5
107	M198	Z	30.786	1.5
108	M198	Mx	0	1.5
109	M201	X	0	1.5
110	M201	Z	30.786	1.5
111	M201	Mx	0	1.5
112	M204	X	0	1.5
113	M204	Z	30.786	1.5
114	M204	Mx	0	1.5



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 Checked By: _____

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	-10.305	1
2	MP2A	Z	17.849	1
3	MP2A	Mx	.015	1
4	MP2A	X	-10.305	5
5	MP2A	Z	17.849	5
6	MP2A	Mx	.015	5
7	MP2B	X	-9.39	1
8	MP2B	Z	16.263	1
9	MP2B	Mx	-.007	1
10	MP2B	X	-9.39	5
11	MP2B	Z	16.263	5
12	MP2B	Mx	-.007	5
13	MP2C	X	-13.302	1
14	MP2C	Z	23.04	1
15	MP2C	Mx	-.013	1
16	MP2C	X	-13.302	5
17	MP2C	Z	23.04	5
18	MP2C	Mx	-.013	5
19	MP2A	X	-10.305	1
20	MP2A	Z	17.849	1
21	MP2A	Mx	.003	1
22	MP2A	X	-10.305	5
23	MP2A	Z	17.849	5
24	MP2A	Mx	.003	5
25	MP2B	X	-9.39	1
26	MP2B	Z	16.263	1
27	MP2B	Mx	-.011	1
28	MP2B	X	-9.39	5
29	MP2B	Z	16.263	5
30	MP2B	Mx	-.011	5
31	MP2C	X	-13.302	1
32	MP2C	Z	23.04	1
33	MP2C	Mx	.018	1
34	MP2C	X	-13.302	5
35	MP2C	Z	23.04	5
36	MP2C	Mx	.018	5
37	MP3A	X	-3.703	2
38	MP3A	Z	6.413	2
39	MP3A	Mx	.003	2
40	MP3A	X	-3.703	4
41	MP3A	Z	6.413	4
42	MP3A	Mx	.003	4
43	MP3B	X	-2.874	2
44	MP3B	Z	4.978	2
45	MP3B	Mx	-.003	2
46	MP3B	X	-2.874	4
47	MP3B	Z	4.978	4
48	MP3B	Mx	-.003	4
49	MP3C	X	-6.416	2
50	MP3C	Z	11.113	2
51	MP3C	Mx	.001	2
52	MP3C	X	-6.416	4
53	MP3C	Z	11.113	4
54	MP3C	Mx	.001	4
55	M132A	X	-9.91	7
56	M132A	Z	17.164	7
57	M132A	Mx	0	7



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 Checked By: _____

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
58	MP2A	X	-2.439	4.5
59	MP2A	Z	4.225	4.5
60	MP2A	Mx	-.002	4.5
61	MP2B	X	-2.171	4.5
62	MP2B	Z	3.76	4.5
63	MP2B	Mx	.002	4.5
64	MP2C	X	-3.318	4.5
65	MP2C	Z	5.748	4.5
66	MP2C	Mx	-.000577	4.5
67	M148B	X	-5.209	1.5
68	M148B	Z	9.023	1.5
69	M148B	Mx	0	1.5
70	MP1A	X	-5.271	1.5
71	MP1A	Z	9.129	1.5
72	MP1A	Mx	-.005	1.5
73	MP1B	X	-4.838	1.5
74	MP1B	Z	8.379	1.5
75	MP1B	Mx	.005	1.5
76	MP1C	X	-6.689	1.5
77	MP1C	Z	11.585	1.5
78	MP1C	Mx	-.001	1.5
79	MP4B	X	-10.717	1
80	MP4B	Z	18.562	1
81	MP4B	Mx	-.011	1
82	MP4B	X	-10.717	5
83	MP4B	Z	18.562	5
84	MP4B	Mx	-.011	5
85	MP4C	X	-15.158	1
86	MP4C	Z	26.254	1
87	MP4C	Mx	.003	1
88	MP4C	X	-15.158	5
89	MP4C	Z	26.254	5
90	MP4C	Mx	.003	5
91	MP4A	X	-10.421	1
92	MP4A	Z	18.05	1
93	MP4A	Mx	.009	1
94	MP4A	X	-10.421	5
95	MP4A	Z	18.05	5
96	MP4A	Mx	.009	5
97	M176A	X	-5.209	1.5
98	M176A	Z	9.023	1.5
99	M176A	Mx	0	1.5
100	M162A	X	-5.209	1.5
101	M162A	Z	9.023	1.5
102	M162A	Mx	0	1.5
103	M1	X	-9.91	7
104	M1	Z	17.164	7
105	M1	Mx	0	7
106	M198	X	-15.393	1.5
107	M198	Z	26.661	1.5
108	M198	Mx	0	1.5
109	M201	X	-15.393	1.5
110	M201	Z	26.661	1.5
111	M201	Mx	0	1.5
112	M204	X	-15.393	1.5
113	M204	Z	26.661	1.5
114	M204	Mx	0	1.5



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 Checked By: _____

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	-16.046	1
2	MP2A	Z	9.264	1
3	MP2A	Mx	.009	1
4	MP2A	X	-16.046	5
5	MP2A	Z	9.264	5
6	MP2A	Mx	.009	5
7	MP2B	X	-19.026	1
8	MP2B	Z	10.984	1
9	MP2B	Mx	-.000177	1
10	MP2B	X	-19.026	5
11	MP2B	Z	10.984	5
12	MP2B	Mx	-.000177	5
13	MP2C	X	-22.414	1
14	MP2C	Z	12.941	1
15	MP2C	Mx	-.019	1
16	MP2C	X	-22.414	5
17	MP2C	Z	12.941	5
18	MP2C	Mx	-.019	5
19	MP2A	X	-16.046	1
20	MP2A	Z	9.264	1
21	MP2A	Mx	.009	1
22	MP2A	X	-16.046	5
23	MP2A	Z	9.264	5
24	MP2A	Mx	.009	5
25	MP2B	X	-19.026	1
26	MP2B	Z	10.984	1
27	MP2B	Mx	-.017	1
28	MP2B	X	-19.026	5
29	MP2B	Z	10.984	5
30	MP2B	Mx	-.017	5
31	MP2C	X	-22.414	1
32	MP2C	Z	12.941	1
33	MP2C	Mx	.01	1
34	MP2C	X	-22.414	5
35	MP2C	Z	12.941	5
36	MP2C	Mx	.01	5
37	MP3A	X	-4.781	2
38	MP3A	Z	2.76	2
39	MP3A	Mx	.003	2
40	MP3A	X	-4.781	4
41	MP3A	Z	2.76	4
42	MP3A	Mx	.003	4
43	MP3B	X	-7.478	2
44	MP3B	Z	4.318	2
45	MP3B	Mx	-.003	2
46	MP3B	X	-7.478	4
47	MP3B	Z	4.318	4
48	MP3B	Mx	-.003	4
49	MP3C	X	-10.546	2
50	MP3C	Z	6.089	2
51	MP3C	Mx	-.002	2
52	MP3C	X	-10.546	4
53	MP3C	Z	6.089	4
54	MP3C	Mx	-.002	4
55	M132A	X	-15.389	7
56	M132A	Z	8.885	7
57	M132A	Mx	0	7



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 Checked By: _____

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
58	MP2A	X	-3.696	4.5
59	MP2A	Z	2.134	4.5
60	MP2A	Mx	-.002	4.5
61	MP2B	X	-4.57	4.5
62	MP2B	Z	2.638	4.5
63	MP2B	Mx	.002	4.5
64	MP2C	X	-5.564	4.5
65	MP2C	Z	3.212	4.5
66	MP2C	Mx	.001	4.5
67	M148B	X	-8.134	1.5
68	M148B	Z	4.696	1.5
69	M148B	Mx	0	1.5
70	MP1A	X	-8.276	1.5
71	MP1A	Z	4.778	1.5
72	MP1A	Mx	-.005	1.5
73	MP1B	X	-9.686	1.5
74	MP1B	Z	5.592	1.5
75	MP1B	Mx	.004	1.5
76	MP1C	X	-11.289	1.5
77	MP1C	Z	6.518	1.5
78	MP1C	Mx	.002	1.5
79	MP4B	X	-21.697	1
80	MP4B	Z	12.527	1
81	MP4B	Mx	-.01	1
82	MP4B	X	-21.697	5
83	MP4B	Z	12.527	5
84	MP4B	Mx	-.01	5
85	MP4C	X	-25.543	1
86	MP4C	Z	14.747	1
87	MP4C	Mx	-.005	1
88	MP4C	X	-25.543	5
89	MP4C	Z	14.747	5
90	MP4C	Mx	-.005	5
91	MP4A	X	-16.228	1
92	MP4A	Z	9.369	1
93	MP4A	Mx	.009	1
94	MP4A	X	-16.228	5
95	MP4A	Z	9.369	5
96	MP4A	Mx	.009	5
97	M176A	X	-8.134	1.5
98	M176A	Z	4.696	1.5
99	M176A	Mx	0	1.5
100	M162A	X	-8.134	1.5
101	M162A	Z	4.696	1.5
102	M162A	Mx	0	1.5
103	M1	X	-15.389	7
104	M1	Z	8.885	7
105	M1	Mx	0	7
106	M198	X	-26.661	1.5
107	M198	Z	15.393	1.5
108	M198	Mx	0	1.5
109	M201	X	-26.661	1.5
110	M201	Z	15.393	1.5
111	M201	Mx	0	1.5
112	M204	X	-26.661	1.5
113	M204	Z	15.393	1.5
114	M204	Mx	0	1.5



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 Checked By: _____

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	-20.61	1
2	MP2A	Z	0	1
3	MP2A	Mx	.003	1
4	MP2A	X	-20.61	5
5	MP2A	Z	0	5
6	MP2A	Mx	.003	5
7	MP2B	X	-25.881	1
8	MP2B	Z	0	1
9	MP2B	Mx	.01	1
10	MP2B	X	-25.881	5
11	MP2B	Z	0	5
12	MP2B	Mx	.01	5
13	MP2C	X	-21.969	1
14	MP2C	Z	0	1
15	MP2C	Mx	-.017	1
16	MP2C	X	-21.969	5
17	MP2C	Z	0	5
18	MP2C	Mx	-.017	5
19	MP2A	X	-20.61	1
20	MP2A	Z	0	1
21	MP2A	Mx	.015	1
22	MP2A	X	-20.61	5
23	MP2A	Z	0	5
24	MP2A	Mx	.015	5
25	MP2B	X	-25.881	1
26	MP2B	Z	0	1
27	MP2B	Mx	-.019	1
28	MP2B	X	-25.881	5
29	MP2B	Z	0	5
30	MP2B	Mx	-.019	5
31	MP2C	X	-21.969	1
32	MP2C	Z	0	1
33	MP2C	Mx	-.000177	1
34	MP2C	X	-21.969	5
35	MP2C	Z	0	5
36	MP2C	Mx	-.000177	5
37	MP3A	X	-7.405	2
38	MP3A	Z	0	2
39	MP3A	Mx	.003	2
40	MP3A	X	-7.405	4
41	MP3A	Z	0	4
42	MP3A	Mx	.003	4
43	MP3B	X	-12.177	2
44	MP3B	Z	0	2
45	MP3B	Mx	-.002	2
46	MP3B	X	-12.177	4
47	MP3B	Z	0	4
48	MP3B	Mx	-.002	4
49	MP3C	X	-8.635	2
50	MP3C	Z	0	2
51	MP3C	Mx	-.003	2
52	MP3C	X	-8.635	4
53	MP3C	Z	0	4
54	MP3C	Mx	-.003	4
55	M132A	X	-19.819	7
56	M132A	Z	0	7
57	M132A	Mx	0	7



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 Checked By: _____

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
58	MP2A	X	-4.878	4.5
59	MP2A	Z	0	4.5
60	MP2A	Mx	-.002	4.5
61	MP2B	X	-6.425	4.5
62	MP2B	Z	0	4.5
63	MP2B	Mx	.001	4.5
64	MP2C	X	-5.277	4.5
65	MP2C	Z	0	4.5
66	MP2C	Mx	.002	4.5
67	M148B	X	-10.418	1.5
68	M148B	Z	0	1.5
69	M148B	Mx	0	1.5
70	MP1A	X	-10.542	1.5
71	MP1A	Z	0	1.5
72	MP1A	Mx	-.005	1.5
73	MP1B	X	-13.035	1.5
74	MP1B	Z	0	1.5
75	MP1B	Mx	.002	1.5
76	MP1C	X	-11.184	1.5
77	MP1C	Z	0	1.5
78	MP1C	Mx	.004	1.5
79	MP4B	X	-29.495	1
80	MP4B	Z	0	1
81	MP4B	Mx	-.005	1
82	MP4B	X	-29.495	5
83	MP4B	Z	0	5
84	MP4B	Mx	-.005	5
85	MP4C	X	-25.054	1
86	MP4C	Z	0	1
87	MP4C	Mx	-.01	1
88	MP4C	X	-25.054	5
89	MP4C	Z	0	5
90	MP4C	Mx	-.01	5
91	MP4A	X	-20.842	1
92	MP4A	Z	0	1
93	MP4A	Mx	.009	1
94	MP4A	X	-20.842	5
95	MP4A	Z	0	5
96	MP4A	Mx	.009	5
97	M176A	X	-10.418	1.5
98	M176A	Z	0	1.5
99	M176A	Mx	0	1.5
100	M162A	X	-10.418	1.5
101	M162A	Z	0	1.5
102	M162A	Mx	0	1.5
103	M1	X	-19.819	7
104	M1	Z	0	7
105	M1	Mx	0	7
106	M198	X	-30.786	1.5
107	M198	Z	0	1.5
108	M198	Mx	0	1.5
109	M201	X	-30.786	1.5
110	M201	Z	0	1.5
111	M201	Mx	0	1.5
112	M204	X	-30.786	1.5
113	M204	Z	0	1.5
114	M204	Mx	0	1.5



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 Checked By: _____

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	-21.455	1
2	MP2A	Z	-12.387	1
3	MP2A	Mx	-.006	1
4	MP2A	X	-21.455	5
5	MP2A	Z	-12.387	5
6	MP2A	Mx	-.006	5
7	MP2B	X	-23.04	1
8	MP2B	Z	-13.302	1
9	MP2B	Mx	.018	1
10	MP2B	X	-23.04	5
11	MP2B	Z	-13.302	5
12	MP2B	Mx	.018	5
13	MP2C	X	-16.263	1
14	MP2C	Z	-9.39	1
15	MP2C	Mx	-.011	1
16	MP2C	X	-16.263	5
17	MP2C	Z	-9.39	5
18	MP2C	Mx	-.011	5
19	MP2A	X	-21.455	1
20	MP2A	Z	-12.387	1
21	MP2A	Mx	.019	1
22	MP2A	X	-21.455	5
23	MP2A	Z	-12.387	5
24	MP2A	Mx	.019	5
25	MP2B	X	-23.04	1
26	MP2B	Z	-13.302	1
27	MP2B	Mx	-.013	1
28	MP2B	X	-23.04	5
29	MP2B	Z	-13.302	5
30	MP2B	Mx	-.013	5
31	MP2C	X	-16.263	1
32	MP2C	Z	-9.39	1
33	MP2C	Mx	-.007	1
34	MP2C	X	-16.263	5
35	MP2C	Z	-9.39	5
36	MP2C	Mx	-.007	5
37	MP3A	X	-9.677	2
38	MP3A	Z	-5.587	2
39	MP3A	Mx	.003	2
40	MP3A	X	-9.677	4
41	MP3A	Z	-5.587	4
42	MP3A	Mx	.003	4
43	MP3B	X	-11.113	2
44	MP3B	Z	-6.416	2
45	MP3B	Mx	.001	2
46	MP3B	X	-11.113	4
47	MP3B	Z	-6.416	4
48	MP3B	Mx	.001	4
49	MP3C	X	-4.978	2
50	MP3C	Z	-2.874	2
51	MP3C	Mx	-.003	2
52	MP3C	X	-4.978	4
53	MP3C	Z	-2.874	4
54	MP3C	Mx	-.003	4
55	M132A	X	-20.713	7
56	M132A	Z	-11.959	7
57	M132A	Mx	0	7



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 Checked By: _____

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
58	MP2A	X	-5.283	4.5
59	MP2A	Z	-3.05	4.5
60	MP2A	Mx	-.002	4.5
61	MP2B	X	-5.748	4.5
62	MP2B	Z	-3.318	4.5
63	MP2B	Mx	-.000576	4.5
64	MP2C	X	-3.76	4.5
65	MP2C	Z	-2.171	4.5
66	MP2C	Mx	.002	4.5
67	M148B	X	-10.8	1.5
68	M148B	Z	-6.235	1.5
69	M148B	Mx	0	1.5
70	MP1A	X	-10.835	1.5
71	MP1A	Z	-6.256	1.5
72	MP1A	Mx	-.003	1.5
73	MP1B	X	-11.585	1.5
74	MP1B	Z	-6.689	1.5
75	MP1B	Mx	-.001	1.5
76	MP1C	X	-8.379	1.5
77	MP1C	Z	-4.838	1.5
78	MP1C	Mx	.005	1.5
79	MP4B	X	-26.254	1
80	MP4B	Z	-15.158	1
81	MP4B	Mx	.003	1
82	MP4B	X	-26.254	5
83	MP4B	Z	-15.158	5
84	MP4B	Mx	.003	5
85	MP4C	X	-18.562	1
86	MP4C	Z	-10.717	1
87	MP4C	Mx	-.011	1
88	MP4C	X	-18.562	5
89	MP4C	Z	-10.717	5
90	MP4C	Mx	-.011	5
91	MP4A	X	-21.695	1
92	MP4A	Z	-12.526	1
93	MP4A	Mx	.006	1
94	MP4A	X	-21.695	5
95	MP4A	Z	-12.526	5
96	MP4A	Mx	.006	5
97	M176A	X	-10.8	1.5
98	M176A	Z	-6.235	1.5
99	M176A	Mx	0	1.5
100	M162A	X	-10.8	1.5
101	M162A	Z	-6.235	1.5
102	M162A	Mx	0	1.5
103	M1	X	-20.713	7
104	M1	Z	-11.959	7
105	M1	Mx	0	7
106	M198	X	-26.661	1.5
107	M198	Z	-15.393	1.5
108	M198	Mx	0	1.5
109	M201	X	-26.661	1.5
110	M201	Z	-15.393	1.5
111	M201	Mx	0	1.5
112	M204	X	-26.661	1.5
113	M204	Z	-15.393	1.5
114	M204	Mx	0	1.5



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 Checked By: _____

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	-13.428	1
2	MP2A	Z	-23.258	1
3	MP2A	Mx	-.016	1
4	MP2A	X	-13.428	5
5	MP2A	Z	-23.258	5
6	MP2A	Mx	-.016	5
7	MP2B	X	-11.707	1
8	MP2B	Z	-20.278	1
9	MP2B	Mx	.018	1
10	MP2B	X	-11.707	5
11	MP2B	Z	-20.278	5
12	MP2B	Mx	.018	5
13	MP2C	X	-9.751	1
14	MP2C	Z	-16.89	1
15	MP2C	Mx	-.005	1
16	MP2C	X	-9.751	5
17	MP2C	Z	-16.89	5
18	MP2C	Mx	-.005	5
19	MP2A	X	-13.428	1
20	MP2A	Z	-23.258	1
21	MP2A	Mx	.016	1
22	MP2A	X	-13.428	5
23	MP2A	Z	-23.258	5
24	MP2A	Mx	.016	5
25	MP2B	X	-11.707	1
26	MP2B	Z	-20.278	1
27	MP2B	Mx	-.003	1
28	MP2B	X	-11.707	5
29	MP2B	Z	-20.278	5
30	MP2B	Mx	-.003	5
31	MP2C	X	-9.751	1
32	MP2C	Z	-16.89	1
33	MP2C	Mx	-.013	1
34	MP2C	X	-9.751	5
35	MP2C	Z	-16.89	5
36	MP2C	Mx	-.013	5
37	MP3A	X	-6.53	2
38	MP3A	Z	-11.31	2
39	MP3A	Mx	0	2
40	MP3A	X	-6.53	4
41	MP3A	Z	-11.31	4
42	MP3A	Mx	0	4
43	MP3B	X	-4.972	2
44	MP3B	Z	-8.612	2
45	MP3B	Mx	.003	2
46	MP3B	X	-4.972	4
47	MP3B	Z	-8.612	4
48	MP3B	Mx	.003	4
49	MP3C	X	-3.201	2
50	MP3C	Z	-5.545	2
51	MP3C	Mx	-.003	2
52	MP3C	X	-3.201	4
53	MP3C	Z	-5.545	4
54	MP3C	Mx	-.003	4
55	M132A	X	-12.983	7
56	M132A	Z	-22.488	7
57	M132A	Mx	0	7



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 Checked By: _____

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
58	MP2A	X	-3.355	4.5
59	MP2A	Z	-5.811	4.5
60	MP2A	Mx	0	4.5
61	MP2B	X	-2.851	4.5
62	MP2B	Z	-4.937	4.5
63	MP2B	Mx	-.002	4.5
64	MP2C	X	-2.277	4.5
65	MP2C	Z	-3.943	4.5
66	MP2C	Mx	.002	4.5
67	M148B	X	-6.748	1.5
68	M148B	Z	-11.688	1.5
69	M148B	Mx	0	1.5
70	MP1A	X	-6.748	1.5
71	MP1A	Z	-11.688	1.5
72	MP1A	Mx	0	1.5
73	MP1B	X	-5.934	1.5
74	MP1B	Z	-10.278	1.5
75	MP1B	Mx	-.004	1.5
76	MP1C	X	-5.009	1.5
77	MP1C	Z	-8.675	1.5
78	MP1C	Mx	.005	1.5
79	MP4B	X	-13.348	1
80	MP4B	Z	-23.119	1
81	MP4B	Mx	.009	1
82	MP4B	X	-13.348	5
83	MP4B	Z	-23.119	5
84	MP4B	Mx	.009	5
85	MP4C	X	-11.127	1
86	MP4C	Z	-19.273	1
87	MP4C	Mx	-.01	1
88	MP4C	X	-11.127	5
89	MP4C	Z	-19.273	5
90	MP4C	Mx	-.01	5
91	MP4A	X	-13.578	1
92	MP4A	Z	-23.517	1
93	MP4A	Mx	0	1
94	MP4A	X	-13.578	5
95	MP4A	Z	-23.517	5
96	MP4A	Mx	0	5
97	M176A	X	-6.748	1.5
98	M176A	Z	-11.688	1.5
99	M176A	Mx	0	1.5
100	M162A	X	-6.748	1.5
101	M162A	Z	-11.688	1.5
102	M162A	Mx	0	1.5
103	M1	X	-12.983	7
104	M1	Z	-22.488	7
105	M1	Mx	0	7
106	M198	X	-15.393	1.5
107	M198	Z	-26.661	1.5
108	M198	Mx	0	1.5
109	M201	X	-15.393	1.5
110	M201	Z	-26.661	1.5
111	M201	Mx	0	1.5
112	M204	X	-15.393	1.5
113	M204	Z	-26.661	1.5
114	M204	Mx	0	1.5



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 Checked By: _____

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	0	1
2	MP2A	Z	-5.043	1
3	MP2A	Mx	-.004	1
4	MP2A	X	0	5
5	MP2A	Z	-5.043	5
6	MP2A	Mx	-.004	5
7	MP2B	X	0	1
8	MP2B	Z	-2.917	1
9	MP2B	Mx	.002	1
10	MP2B	X	0	5
11	MP2B	Z	-2.917	5
12	MP2B	Mx	.002	5
13	MP2C	X	0	1
14	MP2C	Z	-4.495	1
15	MP2C	Mx	.000564	1
16	MP2C	X	0	5
17	MP2C	Z	-4.495	5
18	MP2C	Mx	.000564	5
19	MP2A	X	0	1
20	MP2A	Z	-7.988	1
21	MP2A	Mx	.002	1
22	MP2A	X	0	5
23	MP2A	Z	-7.988	5
24	MP2A	Mx	.002	5
25	MP2B	X	0	1
26	MP2B	Z	-6.13	1
27	MP2B	Mx	.002	1
28	MP2B	X	0	5
29	MP2B	Z	-6.13	5
30	MP2B	Mx	.002	5
31	MP2C	X	0	1
32	MP2C	Z	-7.509	1
33	MP2C	Mx	-.006	1
34	MP2C	X	0	5
35	MP2C	Z	-7.509	5
36	MP2C	Mx	-.006	5
37	MP3A	X	0	2
38	MP3A	Z	-3.475	2
39	MP3A	Mx	-.000869	2
40	MP3A	X	0	4
41	MP3A	Z	-3.475	4
42	MP3A	Mx	-.000869	4
43	MP3B	X	0	2
44	MP3B	Z	-1.877	2
45	MP3B	Mx	.000882	2
46	MP3B	X	0	4
47	MP3B	Z	-1.877	4
48	MP3B	Mx	.000882	4
49	MP3C	X	0	2
50	MP3C	Z	-3.063	2
51	MP3C	Mx	-.000984	2
52	MP3C	X	0	4
53	MP3C	Z	-3.063	4
54	MP3C	Mx	-.000984	4
55	M132A	X	0	7
56	M132A	Z	-7.518	7
57	M132A	Mx	0	7



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 Checked By: _____

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
58	MP2A	X	0	4.5
59	MP2A	Z	-1.664	4.5
60	MP2A	Mx	.000416	4.5
61	MP2B	X	0	4.5
62	MP2B	Z	-1.159	4.5
63	MP2B	Mx	-.000545	4.5
64	MP2C	X	0	4.5
65	MP2C	Z	-1.534	4.5
66	MP2C	Mx	.000493	4.5
67	M148B	X	0	1.5
68	M148B	Z	-3.082	1.5
69	M148B	Mx	0	1.5
70	MP1A	X	0	1.5
71	MP1A	Z	-3.73	1.5
72	MP1A	Mx	.000932	1.5
73	MP1B	X	0	1.5
74	MP1B	Z	-2.913	1.5
75	MP1B	Mx	-.001	1.5
76	MP1C	X	0	1.5
77	MP1C	Z	-3.519	1.5
78	MP1C	Mx	.001	1.5
79	MP4B	X	0	1
80	MP4B	Z	-7.044	1
81	MP4B	Mx	.003	1
82	MP4B	X	0	5
83	MP4B	Z	-7.044	5
84	MP4B	Mx	.003	5
85	MP4C	X	0	1
86	MP4C	Z	-8.616	1
87	MP4C	Mx	-.003	1
88	MP4C	X	0	5
89	MP4C	Z	-8.616	5
90	MP4C	Mx	-.003	5
91	MP4A	X	0	1
92	MP4A	Z	-8.102	1
93	MP4A	Mx	-.002	1
94	MP4A	X	0	5
95	MP4A	Z	-8.102	5
96	MP4A	Mx	-.002	5
97	M176A	X	0	1.5
98	M176A	Z	-3.082	1.5
99	M176A	Mx	0	1.5
100	M162A	X	0	1.5
101	M162A	Z	-3.082	1.5
102	M162A	Mx	0	1.5
103	M1	X	0	7
104	M1	Z	-7.518	7
105	M1	Mx	0	7
106	M198	X	0	1.5
107	M198	Z	-4.956	1.5
108	M198	Mx	0	1.5
109	M201	X	0	1.5
110	M201	Z	-4.956	1.5
111	M201	Mx	0	1.5
112	M204	X	0	1.5
113	M204	Z	-4.956	1.5
114	M204	Mx	0	1.5



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 Checked By: _____

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	1.682	1
2	MP2A	Z	-2.913	1
3	MP2A	Mx	-.002	1
4	MP2A	X	1.682	5
5	MP2A	Z	-2.913	5
6	MP2A	Mx	-.002	5
7	MP2B	X	1.313	1
8	MP2B	Z	-2.274	1
9	MP2B	Mx	.001	1
10	MP2B	X	1.313	5
11	MP2B	Z	-2.274	5
12	MP2B	Mx	.001	5
13	MP2C	X	2.891	1
14	MP2C	Z	-5.007	1
15	MP2C	Mx	.003	1
16	MP2C	X	2.891	5
17	MP2C	Z	-5.007	5
18	MP2C	Mx	.003	5
19	MP2A	X	3.26	1
20	MP2A	Z	-5.647	1
21	MP2A	Mx	-.000921	1
22	MP2A	X	3.26	5
23	MP2A	Z	-5.647	5
24	MP2A	Mx	-.000921	5
25	MP2B	X	2.938	1
26	MP2B	Z	-5.088	1
27	MP2B	Mx	.003	1
28	MP2B	X	2.938	5
29	MP2B	Z	-5.088	5
30	MP2B	Mx	.003	5
31	MP2C	X	4.316	1
32	MP2C	Z	-7.476	1
33	MP2C	Mx	-.006	1
34	MP2C	X	4.316	5
35	MP2C	Z	-7.476	5
36	MP2C	Mx	-.006	5
37	MP3A	X	1.106	2
38	MP3A	Z	-1.916	2
39	MP3A	Mx	-.000958	2
40	MP3A	X	1.106	4
41	MP3A	Z	-1.916	4
42	MP3A	Mx	-.000958	4
43	MP3B	X	.829	2
44	MP3B	Z	-1.435	2
45	MP3B	Mx	.000816	2
46	MP3B	X	.829	4
47	MP3B	Z	-1.435	4
48	MP3B	Mx	.000816	4
49	MP3C	X	2.015	2
50	MP3C	Z	-3.49	2
51	MP3C	Mx	-.00035	2
52	MP3C	X	2.015	4
53	MP3C	Z	-3.49	4
54	MP3C	Mx	-.00035	4
55	M132A	X	3.065	7
56	M132A	Z	-5.309	7
57	M132A	Mx	0	7



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 Checked By: _____

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
58	MP2A	X	.632	4.5
59	MP2A	Z	-1.095	4.5
60	MP2A	Mx	.000547	4.5
61	MP2B	X	.545	4.5
62	MP2B	Z	-.943	4.5
63	MP2B	Mx	-.000536	4.5
64	MP2C	X	.92	4.5
65	MP2C	Z	-1.593	4.5
66	MP2C	Mx	.00016	4.5
67	M148B	X	1.265	1.5
68	M148B	Z	-2.191	1.5
69	M148B	Mx	0	1.5
70	MP1A	X	1.542	1.5
71	MP1A	Z	-2.672	1.5
72	MP1A	Mx	.001	1.5
73	MP1B	X	1.401	1.5
74	MP1B	Z	-2.426	1.5
75	MP1B	Mx	-.001	1.5
76	MP1C	X	2.006	1.5
77	MP1C	Z	-3.475	1.5
78	MP1C	Mx	.000349	1.5
79	MP4B	X	3.377	1
80	MP4B	Z	-5.848	1
81	MP4B	Mx	.003	1
82	MP4B	X	3.377	5
83	MP4B	Z	-5.848	5
84	MP4B	Mx	.003	5
85	MP4C	X	4.949	1
86	MP4C	Z	-8.572	1
87	MP4C	Mx	-.000859	1
88	MP4C	X	4.949	5
89	MP4C	Z	-8.572	5
90	MP4C	Mx	-.000859	5
91	MP4A	X	3.302	1
92	MP4A	Z	-5.72	1
93	MP4A	Mx	-.003	1
94	MP4A	X	3.302	5
95	MP4A	Z	-5.72	5
96	MP4A	Mx	-.003	5
97	M176A	X	1.265	1.5
98	M176A	Z	-2.191	1.5
99	M176A	Mx	0	1.5
100	M162A	X	1.265	1.5
101	M162A	Z	-2.191	1.5
102	M162A	Mx	0	1.5
103	M1	X	3.065	7
104	M1	Z	-5.309	7
105	M1	Mx	0	7
106	M198	X	.826	1.5
107	M198	Z	-1.431	1.5
108	M198	Mx	0	1.5
109	M201	X	.826	1.5
110	M201	Z	-1.431	1.5
111	M201	Mx	0	1.5
112	M204	X	.826	1.5
113	M204	Z	-1.431	1.5
114	M204	Mx	0	1.5



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 Checked By: _____

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	2.186	1
2	MP2A	Z	-1.262	1
3	MP2A	Mx	-.001	1
4	MP2A	X	2.186	5
5	MP2A	Z	-1.262	5
6	MP2A	Mx	-.001	5
7	MP2B	X	3.388	1
8	MP2B	Z	-1.956	1
9	MP2B	Mx	3.2e-5	1
10	MP2B	X	3.388	5
11	MP2B	Z	-1.956	5
12	MP2B	Mx	3.2e-5	5
13	MP2C	X	4.754	1
14	MP2C	Z	-2.745	1
15	MP2C	Mx	.004	1
16	MP2C	X	4.754	5
17	MP2C	Z	-2.745	5
18	MP2C	Mx	.004	5
19	MP2A	X	5.012	1
20	MP2A	Z	-2.894	1
21	MP2A	Mx	-.003	1
22	MP2A	X	5.012	5
23	MP2A	Z	-2.894	5
24	MP2A	Mx	-.003	5
25	MP2B	X	6.062	1
26	MP2B	Z	-3.5	1
27	MP2B	Mx	.005	1
28	MP2B	X	6.062	5
29	MP2B	Z	-3.5	5
30	MP2B	Mx	.005	5
31	MP2C	X	7.256	1
32	MP2C	Z	-4.189	1
33	MP2C	Mx	-.003	1
34	MP2C	X	7.256	5
35	MP2C	Z	-4.189	5
36	MP2C	Mx	-.003	5
37	MP3A	X	1.37	2
38	MP3A	Z	-.791	2
39	MP3A	Mx	-.000791	2
40	MP3A	X	1.37	4
41	MP3A	Z	-.791	4
42	MP3A	Mx	-.000791	4
43	MP3B	X	2.273	2
44	MP3B	Z	-1.312	2
45	MP3B	Mx	.001	2
46	MP3B	X	2.273	4
47	MP3B	Z	-1.312	4
48	MP3B	Mx	.001	4
49	MP3C	X	3.3	2
50	MP3C	Z	-1.905	2
51	MP3C	Mx	.000652	2
52	MP3C	X	3.3	4
53	MP3C	Z	-1.905	4
54	MP3C	Mx	.000652	4
55	M132A	X	4.707	7
56	M132A	Z	-2.718	7
57	M132A	Mx	0	7



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 Checked By: _____

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
58	MP2A	X	.923	4.5
59	MP2A	Z	-.533	4.5
60	MP2A	Mx	.000533	4.5
61	MP2B	X	1.208	4.5
62	MP2B	Z	-.698	4.5
63	MP2B	Mx	-.000535	4.5
64	MP2C	X	1.533	4.5
65	MP2C	Z	-.885	4.5
66	MP2C	Mx	-.000303	4.5
67	M148B	X	1.952	1.5
68	M148B	Z	-1.127	1.5
69	M148B	Mx	0	1.5
70	MP1A	X	2.392	1.5
71	MP1A	Z	-1.381	1.5
72	MP1A	Mx	.001	1.5
73	MP1B	X	2.854	1.5
74	MP1B	Z	-1.648	1.5
75	MP1B	Mx	-.001	1.5
76	MP1C	X	3.378	1.5
77	MP1C	Z	-1.951	1.5
78	MP1C	Mx	-.000667	1.5
79	MP4B	X	6.959	1
80	MP4B	Z	-4.018	1
81	MP4B	Mx	.003	1
82	MP4B	X	6.959	5
83	MP4B	Z	-4.018	5
84	MP4B	Mx	.003	5
85	MP4C	X	8.321	1
86	MP4C	Z	-4.804	1
87	MP4C	Mx	.002	1
88	MP4C	X	8.321	5
89	MP4C	Z	-4.804	5
90	MP4C	Mx	.002	5
91	MP4A	X	5.072	1
92	MP4A	Z	-2.928	1
93	MP4A	Mx	-.003	1
94	MP4A	X	5.072	5
95	MP4A	Z	-2.928	5
96	MP4A	Mx	-.003	5
97	M176A	X	1.952	1.5
98	M176A	Z	-1.127	1.5
99	M176A	Mx	0	1.5
100	M162A	X	1.952	1.5
101	M162A	Z	-1.127	1.5
102	M162A	Mx	0	1.5
103	M1	X	4.707	7
104	M1	Z	-2.718	7
105	M1	Mx	0	7
106	M198	X	0	1.5
107	M198	Z	0	1.5
108	M198	Mx	0	1.5
109	M201	X	0	1.5
110	M201	Z	0	1.5
111	M201	Mx	0	1.5
112	M204	X	0	1.5
113	M204	Z	0	1.5
114	M204	Mx	0	1.5



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 Checked By: _____

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	3.364	1
2	MP2A	Z	0	1
3	MP2A	Mx	-.000475	1
4	MP2A	X	3.364	5
5	MP2A	Z	0	5
6	MP2A	Mx	-.000475	5
7	MP2B	X	5.49	1
8	MP2B	Z	0	1
9	MP2B	Mx	-.002	1
10	MP2B	X	5.49	5
11	MP2B	Z	0	5
12	MP2B	Mx	-.002	5
13	MP2C	X	3.912	1
14	MP2C	Z	0	1
15	MP2C	Mx	.003	1
16	MP2C	X	3.912	5
17	MP2C	Z	0	5
18	MP2C	Mx	.003	5
19	MP2A	X	6.521	1
20	MP2A	Z	0	1
21	MP2A	Mx	-.005	1
22	MP2A	X	6.521	5
23	MP2A	Z	0	5
24	MP2A	Mx	-.005	5
25	MP2B	X	8.378	1
26	MP2B	Z	0	1
27	MP2B	Mx	.006	1
28	MP2B	X	8.378	5
29	MP2B	Z	0	5
30	MP2B	Mx	.006	5
31	MP2C	X	6.999	1
32	MP2C	Z	0	1
33	MP2C	Mx	5.6e-5	1
34	MP2C	X	6.999	5
35	MP2C	Z	0	5
36	MP2C	Mx	5.6e-5	5
37	MP3A	X	2.213	2
38	MP3A	Z	0	2
39	MP3A	Mx	-.000958	2
40	MP3A	X	2.213	4
41	MP3A	Z	0	4
42	MP3A	Mx	-.000958	4
43	MP3B	X	3.811	2
44	MP3B	Z	0	2
45	MP3B	Mx	.000652	2
46	MP3B	X	3.811	4
47	MP3B	Z	0	4
48	MP3B	Mx	.000652	4
49	MP3C	X	2.625	2
50	MP3C	Z	0	2
51	MP3C	Mx	.001	2
52	MP3C	X	2.625	4
53	MP3C	Z	0	4
54	MP3C	Mx	.001	4
55	M132A	X	6.13	7
56	M132A	Z	0	7
57	M132A	Mx	0	7



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 Checked By: _____

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
58	MP2A	X	1.265	4.5
59	MP2A	Z	0	4.5
60	MP2A	Mx	.000548	4.5
61	MP2B	X	1.77	4.5
62	MP2B	Z	0	4.5
63	MP2B	Mx	-.000303	4.5
64	MP2C	X	1.395	4.5
65	MP2C	Z	0	4.5
66	MP2C	Mx	-.000534	4.5
67	M148B	X	2.53	1.5
68	M148B	Z	0	1.5
69	M148B	Mx	0	1.5
70	MP1A	X	3.085	1.5
71	MP1A	Z	0	1.5
72	MP1A	Mx	.001	1.5
73	MP1B	X	3.901	1.5
74	MP1B	Z	0	1.5
75	MP1B	Mx	-.000667	1.5
76	MP1C	X	3.295	1.5
77	MP1C	Z	0	1.5
78	MP1C	Mx	-.001	1.5
79	MP4B	X	9.608	1
80	MP4B	Z	0	1
81	MP4B	Mx	.002	1
82	MP4B	X	9.608	5
83	MP4B	Z	0	5
84	MP4B	Mx	.002	5
85	MP4C	X	8.035	1
86	MP4C	Z	0	1
87	MP4C	Mx	.003	1
88	MP4C	X	8.035	5
89	MP4C	Z	0	5
90	MP4C	Mx	.003	5
91	MP4A	X	6.605	1
92	MP4A	Z	0	1
93	MP4A	Mx	-.003	1
94	MP4A	X	6.605	5
95	MP4A	Z	0	5
96	MP4A	Mx	-.003	5
97	M176A	X	2.53	1.5
98	M176A	Z	0	1.5
99	M176A	Mx	0	1.5
100	M162A	X	2.53	1.5
101	M162A	Z	0	1.5
102	M162A	Mx	0	1.5
103	M1	X	6.13	7
104	M1	Z	0	7
105	M1	Mx	0	7
106	M198	X	1.652	1.5
107	M198	Z	0	1.5
108	M198	Mx	0	1.5
109	M201	X	1.652	1.5
110	M201	Z	0	1.5
111	M201	Mx	0	1.5
112	M204	X	1.652	1.5
113	M204	Z	0	1.5
114	M204	Mx	0	1.5



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 Checked By: _____

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	4.367	1
2	MP2A	Z	2.522	1
3	MP2A	Mx	.001	1
4	MP2A	X	4.367	5
5	MP2A	Z	2.522	5
6	MP2A	Mx	.001	5
7	MP2B	X	5.007	1
8	MP2B	Z	2.891	1
9	MP2B	Mx	-.004	1
10	MP2B	X	5.007	5
11	MP2B	Z	2.891	5
12	MP2B	Mx	-.004	5
13	MP2C	X	2.274	1
14	MP2C	Z	1.313	1
15	MP2C	Mx	.002	1
16	MP2C	X	2.274	5
17	MP2C	Z	1.313	5
18	MP2C	Mx	.002	5
19	MP2A	X	6.918	1
20	MP2A	Z	3.994	1
21	MP2A	Mx	-.006	1
22	MP2A	X	6.918	5
23	MP2A	Z	3.994	5
24	MP2A	Mx	-.006	5
25	MP2B	X	7.476	1
26	MP2B	Z	4.316	1
27	MP2B	Mx	.004	1
28	MP2B	X	7.476	5
29	MP2B	Z	4.316	5
30	MP2B	Mx	.004	5
31	MP2C	X	5.088	1
32	MP2C	Z	2.938	1
33	MP2C	Mx	.002	1
34	MP2C	X	5.088	5
35	MP2C	Z	2.938	5
36	MP2C	Mx	.002	5
37	MP3A	X	3.009	2
38	MP3A	Z	1.737	2
39	MP3A	Mx	-.000869	2
40	MP3A	X	3.009	4
41	MP3A	Z	1.737	4
42	MP3A	Mx	-.000869	4
43	MP3B	X	3.49	2
44	MP3B	Z	2.015	2
45	MP3B	Mx	-.00035	2
46	MP3B	X	3.49	4
47	MP3B	Z	2.015	4
48	MP3B	Mx	-.00035	4
49	MP3C	X	1.435	2
50	MP3C	Z	.829	2
51	MP3C	Mx	.000816	2
52	MP3C	X	1.435	4
53	MP3C	Z	.829	4
54	MP3C	Mx	.000816	4
55	M132A	X	6.511	7
56	M132A	Z	3.759	7
57	M132A	Mx	0	7



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 Checked By: _____

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
58	MP2A	X	1.441	4.5
59	MP2A	Z	.832	4.5
60	MP2A	Mx	.000416	4.5
61	MP2B	X	1.593	4.5
62	MP2B	Z	.92	4.5
63	MP2B	Mx	.00016	4.5
64	MP2C	X	.943	4.5
65	MP2C	Z	.545	4.5
66	MP2C	Mx	-.000536	4.5
67	M148B	X	2.669	1.5
68	M148B	Z	1.541	1.5
69	M148B	Mx	0	1.5
70	MP1A	X	3.23	1.5
71	MP1A	Z	1.865	1.5
72	MP1A	Mx	.000932	1.5
73	MP1B	X	3.475	1.5
74	MP1B	Z	2.006	1.5
75	MP1B	Mx	.000348	1.5
76	MP1C	X	2.426	1.5
77	MP1C	Z	1.401	1.5
78	MP1C	Mx	-.001	1.5
79	MP4B	X	8.572	1
80	MP4B	Z	4.949	1
81	MP4B	Mx	-.000859	1
82	MP4B	X	8.572	5
83	MP4B	Z	4.949	5
84	MP4B	Mx	-.000859	5
85	MP4C	X	5.848	1
86	MP4C	Z	3.377	1
87	MP4C	Mx	.003	1
88	MP4C	X	5.848	5
89	MP4C	Z	3.377	5
90	MP4C	Mx	.003	5
91	MP4A	X	7.017	1
92	MP4A	Z	4.051	1
93	MP4A	Mx	-.002	1
94	MP4A	X	7.017	5
95	MP4A	Z	4.051	5
96	MP4A	Mx	-.002	5
97	M176A	X	2.669	1.5
98	M176A	Z	1.541	1.5
99	M176A	Mx	0	1.5
100	M162A	X	2.669	1.5
101	M162A	Z	1.541	1.5
102	M162A	Mx	0	1.5
103	M1	X	6.511	7
104	M1	Z	3.759	7
105	M1	Mx	0	7
106	M198	X	4.292	1.5
107	M198	Z	2.478	1.5
108	M198	Mx	0	1.5
109	M201	X	4.292	1.5
110	M201	Z	2.478	1.5
111	M201	Mx	0	1.5
112	M204	X	4.292	1.5
113	M204	Z	2.478	1.5
114	M204	Mx	0	1.5



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 Checked By: _____

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	2.941	1
2	MP2A	Z	5.095	1
3	MP2A	Mx	.003	1
4	MP2A	X	2.941	5
5	MP2A	Z	5.095	5
6	MP2A	Mx	.003	5
7	MP2B	X	2.248	1
8	MP2B	Z	3.893	1
9	MP2B	Mx	-.003	1
10	MP2B	X	2.248	5
11	MP2B	Z	3.893	5
12	MP2B	Mx	-.003	5
13	MP2C	X	1.459	1
14	MP2C	Z	2.526	1
15	MP2C	Mx	.000789	1
16	MP2C	X	1.459	5
17	MP2C	Z	2.526	5
18	MP2C	Mx	.000789	5
19	MP2A	X	4.361	1
20	MP2A	Z	7.553	1
21	MP2A	Mx	-.005	1
22	MP2A	X	4.361	5
23	MP2A	Z	7.553	5
24	MP2A	Mx	-.005	5
25	MP2B	X	3.754	1
26	MP2B	Z	6.503	1
27	MP2B	Mx	.000942	1
28	MP2B	X	3.754	5
29	MP2B	Z	6.503	5
30	MP2B	Mx	.000942	5
31	MP2C	X	3.065	1
32	MP2C	Z	5.309	1
33	MP2C	Mx	.004	1
34	MP2C	X	3.065	5
35	MP2C	Z	5.309	5
36	MP2C	Mx	.004	5
37	MP3A	X	2.053	2
38	MP3A	Z	3.556	2
39	MP3A	Mx	0	2
40	MP3A	X	2.053	4
41	MP3A	Z	3.556	4
42	MP3A	Mx	0	4
43	MP3B	X	1.531	2
44	MP3B	Z	2.653	2
45	MP3B	Mx	-.000985	2
46	MP3B	X	1.531	4
47	MP3B	Z	2.653	4
48	MP3B	Mx	-.000985	4
49	MP3C	X	.938	2
50	MP3C	Z	1.625	2
51	MP3C	Mx	.000882	2
52	MP3C	X	.938	4
53	MP3C	Z	1.625	4
54	MP3C	Mx	.000882	4
55	M132A	X	4.106	7
56	M132A	Z	7.112	7
57	M132A	Mx	0	7



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 Checked By: _____

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
58	MP2A	X	.932	4.5
59	MP2A	Z	1.614	4.5
60	MP2A	Mx	0	4.5
61	MP2B	X	.767	4.5
62	MP2B	Z	1.328	4.5
63	MP2B	Mx	.000493	4.5
64	MP2C	X	.579	4.5
65	MP2C	Z	1.003	4.5
66	MP2C	Mx	-.000544	4.5
67	M148B	X	1.679	1.5
68	M148B	Z	2.909	1.5
69	M148B	Mx	0	1.5
70	MP1A	X	2.026	1.5
71	MP1A	Z	3.509	1.5
72	MP1A	Mx	0	1.5
73	MP1B	X	1.76	1.5
74	MP1B	Z	3.048	1.5
75	MP1B	Mx	.001	1.5
76	MP1C	X	1.457	1.5
77	MP1C	Z	2.523	1.5
78	MP1C	Mx	-.001	1.5
79	MP4B	X	4.308	1
80	MP4B	Z	7.462	1
81	MP4B	Mx	-.003	1
82	MP4B	X	4.308	5
83	MP4B	Z	7.462	5
84	MP4B	Mx	-.003	5
85	MP4C	X	3.522	1
86	MP4C	Z	6.1	1
87	MP4C	Mx	.003	1
88	MP4C	X	3.522	5
89	MP4C	Z	6.1	5
90	MP4C	Mx	.003	5
91	MP4A	X	4.426	1
92	MP4A	Z	7.665	1
93	MP4A	Mx	0	1
94	MP4A	X	4.426	5
95	MP4A	Z	7.665	5
96	MP4A	Mx	0	5
97	M176A	X	1.679	1.5
98	M176A	Z	2.909	1.5
99	M176A	Mx	0	1.5
100	M162A	X	1.679	1.5
101	M162A	Z	2.909	1.5
102	M162A	Mx	0	1.5
103	M1	X	4.106	7
104	M1	Z	7.112	7
105	M1	Mx	0	7
106	M198	X	3.304	1.5
107	M198	Z	5.723	1.5
108	M198	Mx	0	1.5
109	M201	X	3.304	1.5
110	M201	Z	5.723	1.5
111	M201	Mx	0	1.5
112	M204	X	3.304	1.5
113	M204	Z	5.723	1.5
114	M204	Mx	0	1.5



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 Checked By: _____

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	0	1
2	MP2A	Z	5.043	1
3	MP2A	Mx	.004	1
4	MP2A	X	0	5
5	MP2A	Z	5.043	5
6	MP2A	Mx	.004	5
7	MP2B	X	0	1
8	MP2B	Z	2.917	1
9	MP2B	Mx	-.002	1
10	MP2B	X	0	5
11	MP2B	Z	2.917	5
12	MP2B	Mx	-.002	5
13	MP2C	X	0	1
14	MP2C	Z	4.495	1
15	MP2C	Mx	-.000564	1
16	MP2C	X	0	5
17	MP2C	Z	4.495	5
18	MP2C	Mx	-.000564	5
19	MP2A	X	0	1
20	MP2A	Z	7.988	1
21	MP2A	Mx	-.002	1
22	MP2A	X	0	5
23	MP2A	Z	7.988	5
24	MP2A	Mx	-.002	5
25	MP2B	X	0	1
26	MP2B	Z	6.13	1
27	MP2B	Mx	-.002	1
28	MP2B	X	0	5
29	MP2B	Z	6.13	5
30	MP2B	Mx	-.002	5
31	MP2C	X	0	1
32	MP2C	Z	7.509	1
33	MP2C	Mx	.006	1
34	MP2C	X	0	5
35	MP2C	Z	7.509	5
36	MP2C	Mx	.006	5
37	MP3A	X	0	2
38	MP3A	Z	3.475	2
39	MP3A	Mx	.000869	2
40	MP3A	X	0	4
41	MP3A	Z	3.475	4
42	MP3A	Mx	.000869	4
43	MP3B	X	0	2
44	MP3B	Z	1.877	2
45	MP3B	Mx	-.000882	2
46	MP3B	X	0	4
47	MP3B	Z	1.877	4
48	MP3B	Mx	-.000882	4
49	MP3C	X	0	2
50	MP3C	Z	3.063	2
51	MP3C	Mx	.000984	2
52	MP3C	X	0	4
53	MP3C	Z	3.063	4
54	MP3C	Mx	.000984	4
55	M132A	X	0	7
56	M132A	Z	7.518	7
57	M132A	Mx	0	7



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 Checked By: _____

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
58	MP2A	X	0	4.5
59	MP2A	Z	1.664	4.5
60	MP2A	Mx	-.000416	4.5
61	MP2B	X	0	4.5
62	MP2B	Z	1.159	4.5
63	MP2B	Mx	.000545	4.5
64	MP2C	X	0	4.5
65	MP2C	Z	1.534	4.5
66	MP2C	Mx	-.000493	4.5
67	M148B	X	0	1.5
68	M148B	Z	3.082	1.5
69	M148B	Mx	0	1.5
70	MP1A	X	0	1.5
71	MP1A	Z	3.73	1.5
72	MP1A	Mx	-.000932	1.5
73	MP1B	X	0	1.5
74	MP1B	Z	2.913	1.5
75	MP1B	Mx	.001	1.5
76	MP1C	X	0	1.5
77	MP1C	Z	3.519	1.5
78	MP1C	Mx	-.001	1.5
79	MP4B	X	0	1
80	MP4B	Z	7.044	1
81	MP4B	Mx	-.003	1
82	MP4B	X	0	5
83	MP4B	Z	7.044	5
84	MP4B	Mx	-.003	5
85	MP4C	X	0	1
86	MP4C	Z	8.616	1
87	MP4C	Mx	.003	1
88	MP4C	X	0	5
89	MP4C	Z	8.616	5
90	MP4C	Mx	.003	5
91	MP4A	X	0	1
92	MP4A	Z	8.102	1
93	MP4A	Mx	.002	1
94	MP4A	X	0	5
95	MP4A	Z	8.102	5
96	MP4A	Mx	.002	5
97	M176A	X	0	1.5
98	M176A	Z	3.082	1.5
99	M176A	Mx	0	1.5
100	M162A	X	0	1.5
101	M162A	Z	3.082	1.5
102	M162A	Mx	0	1.5
103	M1	X	0	7
104	M1	Z	7.518	7
105	M1	Mx	0	7
106	M198	X	0	1.5
107	M198	Z	4.956	1.5
108	M198	Mx	0	1.5
109	M201	X	0	1.5
110	M201	Z	4.956	1.5
111	M201	Mx	0	1.5
112	M204	X	0	1.5
113	M204	Z	4.956	1.5
114	M204	Mx	0	1.5



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 Checked By: _____

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	-1.682	1
2	MP2A	Z	2.913	1
3	MP2A	Mx	.002	1
4	MP2A	X	-1.682	5
5	MP2A	Z	2.913	5
6	MP2A	Mx	.002	5
7	MP2B	X	-1.313	1
8	MP2B	Z	2.274	1
9	MP2B	Mx	-.001	1
10	MP2B	X	-1.313	5
11	MP2B	Z	2.274	5
12	MP2B	Mx	-.001	5
13	MP2C	X	-2.891	1
14	MP2C	Z	5.007	1
15	MP2C	Mx	-.003	1
16	MP2C	X	-2.891	5
17	MP2C	Z	5.007	5
18	MP2C	Mx	-.003	5
19	MP2A	X	-3.26	1
20	MP2A	Z	5.647	1
21	MP2A	Mx	.000921	1
22	MP2A	X	-3.26	5
23	MP2A	Z	5.647	5
24	MP2A	Mx	.000921	5
25	MP2B	X	-2.938	1
26	MP2B	Z	5.088	1
27	MP2B	Mx	-.003	1
28	MP2B	X	-2.938	5
29	MP2B	Z	5.088	5
30	MP2B	Mx	-.003	5
31	MP2C	X	-4.316	1
32	MP2C	Z	7.476	1
33	MP2C	Mx	.006	1
34	MP2C	X	-4.316	5
35	MP2C	Z	7.476	5
36	MP2C	Mx	.006	5
37	MP3A	X	-1.106	2
38	MP3A	Z	1.916	2
39	MP3A	Mx	.000958	2
40	MP3A	X	-1.106	4
41	MP3A	Z	1.916	4
42	MP3A	Mx	.000958	4
43	MP3B	X	-.829	2
44	MP3B	Z	1.435	2
45	MP3B	Mx	-.000816	2
46	MP3B	X	-.829	4
47	MP3B	Z	1.435	4
48	MP3B	Mx	-.000816	4
49	MP3C	X	-2.015	2
50	MP3C	Z	3.49	2
51	MP3C	Mx	.00035	2
52	MP3C	X	-2.015	4
53	MP3C	Z	3.49	4
54	MP3C	Mx	.00035	4
55	M132A	X	-3.065	7
56	M132A	Z	5.309	7
57	M132A	Mx	0	7



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 Checked By: _____

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
58	MP2A	X	- .632	4.5
59	MP2A	Z	1.095	4.5
60	MP2A	Mx	- .000547	4.5
61	MP2B	X	- .545	4.5
62	MP2B	Z	.943	4.5
63	MP2B	Mx	.000536	4.5
64	MP2C	X	- .92	4.5
65	MP2C	Z	1.593	4.5
66	MP2C	Mx	- .00016	4.5
67	M148B	X	-1.265	1.5
68	M148B	Z	2.191	1.5
69	M148B	Mx	0	1.5
70	MP1A	X	-1.542	1.5
71	MP1A	Z	2.672	1.5
72	MP1A	Mx	- .001	1.5
73	MP1B	X	-1.401	1.5
74	MP1B	Z	2.426	1.5
75	MP1B	Mx	.001	1.5
76	MP1C	X	-2.006	1.5
77	MP1C	Z	3.475	1.5
78	MP1C	Mx	- .000349	1.5
79	MP4B	X	-3.377	1
80	MP4B	Z	5.848	1
81	MP4B	Mx	- .003	1
82	MP4B	X	-3.377	5
83	MP4B	Z	5.848	5
84	MP4B	Mx	- .003	5
85	MP4C	X	-4.949	1
86	MP4C	Z	8.572	1
87	MP4C	Mx	.000859	1
88	MP4C	X	-4.949	5
89	MP4C	Z	8.572	5
90	MP4C	Mx	.000859	5
91	MP4A	X	-3.302	1
92	MP4A	Z	5.72	1
93	MP4A	Mx	.003	1
94	MP4A	X	-3.302	5
95	MP4A	Z	5.72	5
96	MP4A	Mx	.003	5
97	M176A	X	-1.265	1.5
98	M176A	Z	2.191	1.5
99	M176A	Mx	0	1.5
100	M162A	X	-1.265	1.5
101	M162A	Z	2.191	1.5
102	M162A	Mx	0	1.5
103	M1	X	-3.065	7
104	M1	Z	5.309	7
105	M1	Mx	0	7
106	M198	X	- .826	1.5
107	M198	Z	1.431	1.5
108	M198	Mx	0	1.5
109	M201	X	- .826	1.5
110	M201	Z	1.431	1.5
111	M201	Mx	0	1.5
112	M204	X	- .826	1.5
113	M204	Z	1.431	1.5
114	M204	Mx	0	1.5



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 Checked By: _____

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	-2.186	1
2	MP2A	Z	1.262	1
3	MP2A	Mx	.001	1
4	MP2A	X	-2.186	5
5	MP2A	Z	1.262	5
6	MP2A	Mx	.001	5
7	MP2B	X	-3.388	1
8	MP2B	Z	1.956	1
9	MP2B	Mx	-3.2e-5	1
10	MP2B	X	-3.388	5
11	MP2B	Z	1.956	5
12	MP2B	Mx	-3.2e-5	5
13	MP2C	X	-4.754	1
14	MP2C	Z	2.745	1
15	MP2C	Mx	-.004	1
16	MP2C	X	-4.754	5
17	MP2C	Z	2.745	5
18	MP2C	Mx	-.004	5
19	MP2A	X	-5.012	1
20	MP2A	Z	2.894	1
21	MP2A	Mx	.003	1
22	MP2A	X	-5.012	5
23	MP2A	Z	2.894	5
24	MP2A	Mx	.003	5
25	MP2B	X	-6.062	1
26	MP2B	Z	3.5	1
27	MP2B	Mx	-.005	1
28	MP2B	X	-6.062	5
29	MP2B	Z	3.5	5
30	MP2B	Mx	-.005	5
31	MP2C	X	-7.256	1
32	MP2C	Z	4.189	1
33	MP2C	Mx	.003	1
34	MP2C	X	-7.256	5
35	MP2C	Z	4.189	5
36	MP2C	Mx	.003	5
37	MP3A	X	-1.37	2
38	MP3A	Z	.791	2
39	MP3A	Mx	.000791	2
40	MP3A	X	-1.37	4
41	MP3A	Z	.791	4
42	MP3A	Mx	.000791	4
43	MP3B	X	-2.273	2
44	MP3B	Z	1.312	2
45	MP3B	Mx	-.001	2
46	MP3B	X	-2.273	4
47	MP3B	Z	1.312	4
48	MP3B	Mx	-.001	4
49	MP3C	X	-3.3	2
50	MP3C	Z	1.905	2
51	MP3C	Mx	-.000652	2
52	MP3C	X	-3.3	4
53	MP3C	Z	1.905	4
54	MP3C	Mx	-.000652	4
55	M132A	X	-4.707	7
56	M132A	Z	2.718	7
57	M132A	Mx	0	7



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 Checked By: _____

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
58	MP2A	X	-.923	4.5
59	MP2A	Z	.533	4.5
60	MP2A	Mx	-.000533	4.5
61	MP2B	X	-1.208	4.5
62	MP2B	Z	.698	4.5
63	MP2B	Mx	.000535	4.5
64	MP2C	X	-1.533	4.5
65	MP2C	Z	.885	4.5
66	MP2C	Mx	.000303	4.5
67	M148B	X	-1.952	1.5
68	M148B	Z	1.127	1.5
69	M148B	Mx	0	1.5
70	MP1A	X	-2.392	1.5
71	MP1A	Z	1.381	1.5
72	MP1A	Mx	-.001	1.5
73	MP1B	X	-2.854	1.5
74	MP1B	Z	1.648	1.5
75	MP1B	Mx	.001	1.5
76	MP1C	X	-3.378	1.5
77	MP1C	Z	1.951	1.5
78	MP1C	Mx	.000667	1.5
79	MP4B	X	-6.959	1
80	MP4B	Z	4.018	1
81	MP4B	Mx	-.003	1
82	MP4B	X	-6.959	5
83	MP4B	Z	4.018	5
84	MP4B	Mx	-.003	5
85	MP4C	X	-8.321	1
86	MP4C	Z	4.804	1
87	MP4C	Mx	-.002	1
88	MP4C	X	-8.321	5
89	MP4C	Z	4.804	5
90	MP4C	Mx	-.002	5
91	MP4A	X	-5.072	1
92	MP4A	Z	2.928	1
93	MP4A	Mx	.003	1
94	MP4A	X	-5.072	5
95	MP4A	Z	2.928	5
96	MP4A	Mx	.003	5
97	M176A	X	-1.952	1.5
98	M176A	Z	1.127	1.5
99	M176A	Mx	0	1.5
100	M162A	X	-1.952	1.5
101	M162A	Z	1.127	1.5
102	M162A	Mx	0	1.5
103	M1	X	-4.707	7
104	M1	Z	2.718	7
105	M1	Mx	0	7
106	M198	X	0	1.5
107	M198	Z	0	1.5
108	M198	Mx	0	1.5
109	M201	X	0	1.5
110	M201	Z	0	1.5
111	M201	Mx	0	1.5
112	M204	X	0	1.5
113	M204	Z	0	1.5
114	M204	Mx	0	1.5



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 Checked By: _____

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	-3.364	1
2	MP2A	Z	0	1
3	MP2A	Mx	.000475	1
4	MP2A	X	-3.364	5
5	MP2A	Z	0	5
6	MP2A	Mx	.000475	5
7	MP2B	X	-5.49	1
8	MP2B	Z	0	1
9	MP2B	Mx	.002	1
10	MP2B	X	-5.49	5
11	MP2B	Z	0	5
12	MP2B	Mx	.002	5
13	MP2C	X	-3.912	1
14	MP2C	Z	0	1
15	MP2C	Mx	-.003	1
16	MP2C	X	-3.912	5
17	MP2C	Z	0	5
18	MP2C	Mx	-.003	5
19	MP2A	X	-6.521	1
20	MP2A	Z	0	1
21	MP2A	Mx	.005	1
22	MP2A	X	-6.521	5
23	MP2A	Z	0	5
24	MP2A	Mx	.005	5
25	MP2B	X	-8.378	1
26	MP2B	Z	0	1
27	MP2B	Mx	-.006	1
28	MP2B	X	-8.378	5
29	MP2B	Z	0	5
30	MP2B	Mx	-.006	5
31	MP2C	X	-6.999	1
32	MP2C	Z	0	1
33	MP2C	Mx	-5.6e-5	1
34	MP2C	X	-6.999	5
35	MP2C	Z	0	5
36	MP2C	Mx	-5.6e-5	5
37	MP3A	X	-2.213	2
38	MP3A	Z	0	2
39	MP3A	Mx	.000958	2
40	MP3A	X	-2.213	4
41	MP3A	Z	0	4
42	MP3A	Mx	.000958	4
43	MP3B	X	-3.811	2
44	MP3B	Z	0	2
45	MP3B	Mx	-.000652	2
46	MP3B	X	-3.811	4
47	MP3B	Z	0	4
48	MP3B	Mx	-.000652	4
49	MP3C	X	-2.625	2
50	MP3C	Z	0	2
51	MP3C	Mx	-.001	2
52	MP3C	X	-2.625	4
53	MP3C	Z	0	4
54	MP3C	Mx	-.001	4
55	M132A	X	-6.13	7
56	M132A	Z	0	7
57	M132A	Mx	0	7



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 Checked By: _____

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
58	MP2A	X	-1.265	4.5
59	MP2A	Z	0	4.5
60	MP2A	Mx	-.000548	4.5
61	MP2B	X	-1.77	4.5
62	MP2B	Z	0	4.5
63	MP2B	Mx	.000303	4.5
64	MP2C	X	-1.395	4.5
65	MP2C	Z	0	4.5
66	MP2C	Mx	.000534	4.5
67	M148B	X	-2.53	1.5
68	M148B	Z	0	1.5
69	M148B	Mx	0	1.5
70	MP1A	X	-3.085	1.5
71	MP1A	Z	0	1.5
72	MP1A	Mx	-.001	1.5
73	MP1B	X	-3.901	1.5
74	MP1B	Z	0	1.5
75	MP1B	Mx	.000667	1.5
76	MP1C	X	-3.295	1.5
77	MP1C	Z	0	1.5
78	MP1C	Mx	.001	1.5
79	MP4B	X	-9.608	1
80	MP4B	Z	0	1
81	MP4B	Mx	-.002	1
82	MP4B	X	-9.608	5
83	MP4B	Z	0	5
84	MP4B	Mx	-.002	5
85	MP4C	X	-8.035	1
86	MP4C	Z	0	1
87	MP4C	Mx	-.003	1
88	MP4C	X	-8.035	5
89	MP4C	Z	0	5
90	MP4C	Mx	-.003	5
91	MP4A	X	-6.605	1
92	MP4A	Z	0	1
93	MP4A	Mx	.003	1
94	MP4A	X	-6.605	5
95	MP4A	Z	0	5
96	MP4A	Mx	.003	5
97	M176A	X	-2.53	1.5
98	M176A	Z	0	1.5
99	M176A	Mx	0	1.5
100	M162A	X	-2.53	1.5
101	M162A	Z	0	1.5
102	M162A	Mx	0	1.5
103	M1	X	-6.13	7
104	M1	Z	0	7
105	M1	Mx	0	7
106	M198	X	-1.652	1.5
107	M198	Z	0	1.5
108	M198	Mx	0	1.5
109	M201	X	-1.652	1.5
110	M201	Z	0	1.5
111	M201	Mx	0	1.5
112	M204	X	-1.652	1.5
113	M204	Z	0	1.5
114	M204	Mx	0	1.5



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 Checked By: _____

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	-4.367	1
2	MP2A	Z	-2.522	1
3	MP2A	Mx	-.001	1
4	MP2A	X	-4.367	5
5	MP2A	Z	-2.522	5
6	MP2A	Mx	-.001	5
7	MP2B	X	-5.007	1
8	MP2B	Z	-2.891	1
9	MP2B	Mx	.004	1
10	MP2B	X	-5.007	5
11	MP2B	Z	-2.891	5
12	MP2B	Mx	.004	5
13	MP2C	X	-2.274	1
14	MP2C	Z	-1.313	1
15	MP2C	Mx	-.002	1
16	MP2C	X	-2.274	5
17	MP2C	Z	-1.313	5
18	MP2C	Mx	-.002	5
19	MP2A	X	-6.918	1
20	MP2A	Z	-3.994	1
21	MP2A	Mx	.006	1
22	MP2A	X	-6.918	5
23	MP2A	Z	-3.994	5
24	MP2A	Mx	.006	5
25	MP2B	X	-7.476	1
26	MP2B	Z	-4.316	1
27	MP2B	Mx	-.004	1
28	MP2B	X	-7.476	5
29	MP2B	Z	-4.316	5
30	MP2B	Mx	-.004	5
31	MP2C	X	-5.088	1
32	MP2C	Z	-2.938	1
33	MP2C	Mx	-.002	1
34	MP2C	X	-5.088	5
35	MP2C	Z	-2.938	5
36	MP2C	Mx	-.002	5
37	MP3A	X	-3.009	2
38	MP3A	Z	-1.737	2
39	MP3A	Mx	.000869	2
40	MP3A	X	-3.009	4
41	MP3A	Z	-1.737	4
42	MP3A	Mx	.000869	4
43	MP3B	X	-3.49	2
44	MP3B	Z	-2.015	2
45	MP3B	Mx	.00035	2
46	MP3B	X	-3.49	4
47	MP3B	Z	-2.015	4
48	MP3B	Mx	.00035	4
49	MP3C	X	-1.435	2
50	MP3C	Z	-.829	2
51	MP3C	Mx	-.000816	2
52	MP3C	X	-1.435	4
53	MP3C	Z	-.829	4
54	MP3C	Mx	-.000816	4
55	M132A	X	-6.511	7
56	M132A	Z	-3.759	7
57	M132A	Mx	0	7



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 Checked By: _____

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
58	MP2A	X	-1.441	4.5
59	MP2A	Z	-0.832	4.5
60	MP2A	Mx	-0.000416	4.5
61	MP2B	X	-1.593	4.5
62	MP2B	Z	-0.92	4.5
63	MP2B	Mx	-0.00016	4.5
64	MP2C	X	-0.943	4.5
65	MP2C	Z	-0.545	4.5
66	MP2C	Mx	0.000536	4.5
67	M148B	X	-2.669	1.5
68	M148B	Z	-1.541	1.5
69	M148B	Mx	0	1.5
70	MP1A	X	-3.23	1.5
71	MP1A	Z	-1.865	1.5
72	MP1A	Mx	-0.000932	1.5
73	MP1B	X	-3.475	1.5
74	MP1B	Z	-2.006	1.5
75	MP1B	Mx	-0.000348	1.5
76	MP1C	X	-2.426	1.5
77	MP1C	Z	-1.401	1.5
78	MP1C	Mx	0.001	1.5
79	MP4B	X	-8.572	1
80	MP4B	Z	-4.949	1
81	MP4B	Mx	0.000859	1
82	MP4B	X	-8.572	5
83	MP4B	Z	-4.949	5
84	MP4B	Mx	0.000859	5
85	MP4C	X	-5.848	1
86	MP4C	Z	-3.377	1
87	MP4C	Mx	-0.003	1
88	MP4C	X	-5.848	5
89	MP4C	Z	-3.377	5
90	MP4C	Mx	-0.003	5
91	MP4A	X	-7.017	1
92	MP4A	Z	-4.051	1
93	MP4A	Mx	0.002	1
94	MP4A	X	-7.017	5
95	MP4A	Z	-4.051	5
96	MP4A	Mx	0.002	5
97	M176A	X	-2.669	1.5
98	M176A	Z	-1.541	1.5
99	M176A	Mx	0	1.5
100	M162A	X	-2.669	1.5
101	M162A	Z	-1.541	1.5
102	M162A	Mx	0	1.5
103	M1	X	-6.511	7
104	M1	Z	-3.759	7
105	M1	Mx	0	7
106	M198	X	-4.292	1.5
107	M198	Z	-2.478	1.5
108	M198	Mx	0	1.5
109	M201	X	-4.292	1.5
110	M201	Z	-2.478	1.5
111	M201	Mx	0	1.5
112	M204	X	-4.292	1.5
113	M204	Z	-2.478	1.5
114	M204	Mx	0	1.5



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 Checked By: _____

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	-2.941	1
2	MP2A	Z	-5.095	1
3	MP2A	Mx	-.003	1
4	MP2A	X	-2.941	5
5	MP2A	Z	-5.095	5
6	MP2A	Mx	-.003	5
7	MP2B	X	-2.248	1
8	MP2B	Z	-3.893	1
9	MP2B	Mx	.003	1
10	MP2B	X	-2.248	5
11	MP2B	Z	-3.893	5
12	MP2B	Mx	.003	5
13	MP2C	X	-1.459	1
14	MP2C	Z	-2.526	1
15	MP2C	Mx	-.000789	1
16	MP2C	X	-1.459	5
17	MP2C	Z	-2.526	5
18	MP2C	Mx	-.000789	5
19	MP2A	X	-4.361	1
20	MP2A	Z	-7.553	1
21	MP2A	Mx	.005	1
22	MP2A	X	-4.361	5
23	MP2A	Z	-7.553	5
24	MP2A	Mx	.005	5
25	MP2B	X	-3.754	1
26	MP2B	Z	-6.503	1
27	MP2B	Mx	-.000942	1
28	MP2B	X	-3.754	5
29	MP2B	Z	-6.503	5
30	MP2B	Mx	-.000942	5
31	MP2C	X	-3.065	1
32	MP2C	Z	-5.309	1
33	MP2C	Mx	-.004	1
34	MP2C	X	-3.065	5
35	MP2C	Z	-5.309	5
36	MP2C	Mx	-.004	5
37	MP3A	X	-2.053	2
38	MP3A	Z	-3.556	2
39	MP3A	Mx	0	2
40	MP3A	X	-2.053	4
41	MP3A	Z	-3.556	4
42	MP3A	Mx	0	4
43	MP3B	X	-1.531	2
44	MP3B	Z	-2.653	2
45	MP3B	Mx	.000985	2
46	MP3B	X	-1.531	4
47	MP3B	Z	-2.653	4
48	MP3B	Mx	.000985	4
49	MP3C	X	-.938	2
50	MP3C	Z	-1.625	2
51	MP3C	Mx	-.000882	2
52	MP3C	X	-.938	4
53	MP3C	Z	-1.625	4
54	MP3C	Mx	-.000882	4
55	M132A	X	-4.106	7
56	M132A	Z	-7.112	7
57	M132A	Mx	0	7



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 Checked By: _____

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
58	MP2A	X	-.932	4.5
59	MP2A	Z	-1.614	4.5
60	MP2A	Mx	0	4.5
61	MP2B	X	-.767	4.5
62	MP2B	Z	-1.328	4.5
63	MP2B	Mx	-.000493	4.5
64	MP2C	X	-.579	4.5
65	MP2C	Z	-1.003	4.5
66	MP2C	Mx	.000544	4.5
67	M148B	X	-1.679	1.5
68	M148B	Z	-2.909	1.5
69	M148B	Mx	0	1.5
70	MP1A	X	-2.026	1.5
71	MP1A	Z	-3.509	1.5
72	MP1A	Mx	0	1.5
73	MP1B	X	-1.76	1.5
74	MP1B	Z	-3.048	1.5
75	MP1B	Mx	-.001	1.5
76	MP1C	X	-1.457	1.5
77	MP1C	Z	-2.523	1.5
78	MP1C	Mx	.001	1.5
79	MP4B	X	-4.308	1
80	MP4B	Z	-7.462	1
81	MP4B	Mx	.003	1
82	MP4B	X	-4.308	5
83	MP4B	Z	-7.462	5
84	MP4B	Mx	.003	5
85	MP4C	X	-3.522	1
86	MP4C	Z	-6.1	1
87	MP4C	Mx	-.003	1
88	MP4C	X	-3.522	5
89	MP4C	Z	-6.1	5
90	MP4C	Mx	-.003	5
91	MP4A	X	-4.426	1
92	MP4A	Z	-7.665	1
93	MP4A	Mx	0	1
94	MP4A	X	-4.426	5
95	MP4A	Z	-7.665	5
96	MP4A	Mx	0	5
97	M176A	X	-1.679	1.5
98	M176A	Z	-2.909	1.5
99	M176A	Mx	0	1.5
100	M162A	X	-1.679	1.5
101	M162A	Z	-2.909	1.5
102	M162A	Mx	0	1.5
103	M1	X	-4.106	7
104	M1	Z	-7.112	7
105	M1	Mx	0	7
106	M198	X	-3.304	1.5
107	M198	Z	-5.723	1.5
108	M198	Mx	0	1.5
109	M201	X	-3.304	1.5
110	M201	Z	-5.723	1.5
111	M201	Mx	0	1.5
112	M204	X	-3.304	1.5
113	M204	Z	-5.723	1.5
114	M204	Mx	0	1.5



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 Checked By: _____

Member Point Loads (BLC 77 : Lm1)

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

Member Point Loads (BLC 78 : Lm2)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	M35	Y	-500	%83

Member Point Loads (BLC 79 : Lv1)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	M35	Y	-250	%100

Member Point Loads (BLC 80 : Lv2)

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

Member Point Loads (BLC 81 : Antenna Ev)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	Y	-.956	1
2	MP2A	My	-.000135	1
3	MP2A	Mz	.000722	1
4	MP2A	Y	-.956	5
5	MP2A	My	-.000135	5
6	MP2A	Mz	.000722	5
7	MP2B	Y	-.956	1
8	MP2B	My	-.00036	1
9	MP2B	Mz	-.00064	1
10	MP2B	Y	-.956	5
11	MP2B	My	-.00036	5
12	MP2B	Mz	-.00064	5
13	MP2C	Y	-.956	1
14	MP2C	My	.000724	1
15	MP2C	Mz	-.00012	1
16	MP2C	Y	-.956	5
17	MP2C	My	.000724	5
18	MP2C	Mz	-.00012	5
19	MP2A	Y	-1.413	1
20	MP2A	My	-.001	1
21	MP2A	Mz	-.00036	1
22	MP2A	Y	-1.413	5
23	MP2A	My	-.001	5
24	MP2A	Mz	-.00036	5
25	MP2B	Y	-1.413	1
26	MP2B	My	.001	1
27	MP2B	Mz	-.000382	1
28	MP2B	Y	-1.413	5
29	MP2B	My	.001	5
30	MP2B	Mz	-.000382	5
31	MP2C	Y	-1.413	1
32	MP2C	My	1.1e-5	1
33	MP2C	Mz	.001	1
34	MP2C	Y	-1.413	5
35	MP2C	My	1.1e-5	5
36	MP2C	Mz	.001	5
37	MP3A	Y	-1.253	2
38	MP3A	My	-.000543	2
39	MP3A	Mz	.000313	2



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 Checked By: _____

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
40	MP3A	Y	-1.253	4
41	MP3A	My	-.000543	4
42	MP3A	Mz	.000313	4
43	MP3B	Y	-1.253	2
44	MP3B	My	.000214	2
45	MP3B	Mz	-.000589	2
46	MP3B	Y	-1.253	4
47	MP3B	My	.000214	4
48	MP3B	Mz	-.000589	4
49	MP3C	Y	-1.253	2
50	MP3C	My	.00048	2
51	MP3C	Mz	.000403	2
52	MP3C	Y	-1.253	4
53	MP3C	My	.00048	4
54	MP3C	Mz	.000403	4
55	M132A	Y	-1.399	7
56	M132A	My	0	7
57	M132A	Mz	0	7
58	MP2A	Y	-1.063	4.5
59	MP2A	My	.00046	4.5
60	MP2A	Mz	-.000266	4.5
61	MP2B	Y	-1.063	4.5
62	MP2B	My	-.000182	4.5
63	MP2B	Mz	.000499	4.5
64	MP2C	Y	-1.063	4.5
65	MP2C	My	-.000407	4.5
66	MP2C	Mz	-.000342	4.5
67	M148B	Y	-3.267	1.5
68	M148B	My	0	1.5
69	M148B	Mz	0	1.5
70	MP1A	Y	-3.459	1.5
71	MP1A	My	.001	1.5
72	MP1A	Mz	-.000865	1.5
73	MP1B	Y	-3.459	1.5
74	MP1B	My	-.000592	1.5
75	MP1B	Mz	.002	1.5
76	MP1C	Y	-3.459	1.5
77	MP1C	My	-.001	1.5
78	MP1C	Mz	-.001	1.5
79	MP4B	Y	-1.004	1
80	MP4B	My	.000172	1
81	MP4B	Mz	-.000472	1
82	MP4B	Y	-1.004	5
83	MP4B	My	.000172	5
84	MP4B	Mz	-.000472	5
85	MP4C	Y	-1.004	1
86	MP4C	My	.000384	1
87	MP4C	Mz	.000323	1
88	MP4C	Y	-1.004	5
89	MP4C	My	.000384	5
90	MP4C	Mz	.000323	5
91	MP4A	Y	-.575	1
92	MP4A	My	-.000249	1
93	MP4A	Mz	.000144	1
94	MP4A	Y	-.575	5
95	MP4A	My	-.000249	5
96	MP4A	Mz	.000144	5



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 Checked By: _____

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
97	M176A	Y	-3.267	1.5
98	M176A	My	0	1.5
99	M176A	Mz	0	1.5
100	M162A	Y	-3.267	1.5
101	M162A	My	0	1.5
102	M162A	Mz	0	1.5
103	M1	Y	-1.399	7
104	M1	My	0	7
105	M1	Mz	0	7
106	M198	Y	-1.321	1.5
107	M198	My	0	1.5
108	M198	Mz	0	1.5
109	M201	Y	-1.321	1.5
110	M201	My	0	1.5
111	M201	Mz	0	1.5
112	M204	Y	-1.321	1.5
113	M204	My	0	1.5
114	M204	Mz	0	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	Z	-2.389	1
2	MP2A	Mx	-.002	1
3	MP2A	Z	-2.389	5
4	MP2A	Mx	-.002	5
5	MP2B	Z	-2.389	1
6	MP2B	Mx	.002	1
7	MP2B	Z	-2.389	5
8	MP2B	Mx	.002	5
9	MP2C	Z	-2.389	1
10	MP2C	Mx	.0003	1
11	MP2C	Z	-2.389	5
12	MP2C	Mx	.0003	5
13	MP2A	Z	-3.531	1
14	MP2A	Mx	.000901	1
15	MP2A	Z	-3.531	5
16	MP2A	Mx	.000901	5
17	MP2B	Z	-3.531	1
18	MP2B	Mx	.000955	1
19	MP2B	Z	-3.531	5
20	MP2B	Mx	.000955	5
21	MP2C	Z	-3.531	1
22	MP2C	Mx	-.003	1
23	MP2C	Z	-3.531	5
24	MP2C	Mx	-.003	5
25	MP3A	Z	-3.132	2
26	MP3A	Mx	-.000783	2
27	MP3A	Z	-3.132	4
28	MP3A	Mx	-.000783	4
29	MP3B	Z	-3.132	2
30	MP3B	Mx	.001	2
31	MP3B	Z	-3.132	4
32	MP3B	Mx	.001	4
33	MP3C	Z	-3.132	2
34	MP3C	Mx	-.001	2
35	MP3C	Z	-3.132	4



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 Checked By: _____

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
36	MP3C	Mx	-0.001	4
37	M132A	Z	-3.499	7
38	M132A	Mx	0	7
39	MP2A	Z	-2.657	4.5
40	MP2A	Mx	.000664	4.5
41	MP2B	Z	-2.657	4.5
42	MP2B	Mx	-0.001	4.5
43	MP2C	Z	-2.657	4.5
44	MP2C	Mx	.000854	4.5
45	M148B	Z	-8.167	1.5
46	M148B	Mx	0	1.5
47	MP1A	Z	-8.648	1.5
48	MP1A	Mx	.002	1.5
49	MP1B	Z	-8.648	1.5
50	MP1B	Mx	-0.004	1.5
51	MP1C	Z	-8.648	1.5
52	MP1C	Mx	.003	1.5
53	MP4B	Z	-2.509	1
54	MP4B	Mx	.001	1
55	MP4B	Z	-2.509	5
56	MP4B	Mx	.001	5
57	MP4C	Z	-2.509	1
58	MP4C	Mx	-.000806	1
59	MP4C	Z	-2.509	5
60	MP4C	Mx	-.000806	5
61	MP4A	Z	-1.438	1
62	MP4A	Mx	-.000359	1
63	MP4A	Z	-1.438	5
64	MP4A	Mx	-.000359	5
65	M176A	Z	-8.167	1.5
66	M176A	Mx	0	1.5
67	M162A	Z	-8.167	1.5
68	M162A	Mx	0	1.5
69	M1	Z	-3.499	7
70	M1	Mx	0	7
71	M198	Z	-3.302	1.5
72	M198	Mx	0	1.5
73	M201	Z	-3.302	1.5
74	M201	Mx	0	1.5
75	M204	Z	-3.302	1.5
76	M204	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	2.389	1
2	MP2A	Mx	-.000338	1
3	MP2A	X	2.389	5
4	MP2A	Mx	-.000338	5
5	MP2B	X	2.389	1
6	MP2B	Mx	-.000901	1
7	MP2B	X	2.389	5
8	MP2B	Mx	-.000901	5
9	MP2C	X	2.389	1
10	MP2C	Mx	.002	1
11	MP2C	X	2.389	5
12	MP2C	Mx	.002	5



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 Checked By: _____

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
13	MP2A	X	3.531	1
14	MP2A	Mx	-.003	1
15	MP2A	X	3.531	5
16	MP2A	Mx	-.003	5
17	MP2B	X	3.531	1
18	MP2B	Mx	.003	1
19	MP2B	X	3.531	5
20	MP2B	Mx	.003	5
21	MP2C	X	3.531	1
22	MP2C	Mx	2.8e-5	1
23	MP2C	X	3.531	5
24	MP2C	Mx	2.8e-5	5
25	MP3A	X	3.132	2
26	MP3A	Mx	-.001	2
27	MP3A	X	3.132	4
28	MP3A	Mx	-.001	4
29	MP3B	X	3.132	2
30	MP3B	Mx	.000536	2
31	MP3B	X	3.132	4
32	MP3B	Mx	.000536	4
33	MP3C	X	3.132	2
34	MP3C	Mx	.001	2
35	MP3C	X	3.132	4
36	MP3C	Mx	.001	4
37	M132A	X	3.499	7
38	M132A	Mx	0	7
39	MP2A	X	2.657	4.5
40	MP2A	Mx	.001	4.5
41	MP2B	X	2.657	4.5
42	MP2B	Mx	-.000454	4.5
43	MP2C	X	2.657	4.5
44	MP2C	Mx	-.001	4.5
45	M148B	X	8.167	1.5
46	M148B	Mx	0	1.5
47	MP1A	X	8.648	1.5
48	MP1A	Mx	.004	1.5
49	MP1B	X	8.648	1.5
50	MP1B	Mx	-.001	1.5
51	MP1C	X	8.648	1.5
52	MP1C	Mx	-.003	1.5
53	MP4B	X	2.509	1
54	MP4B	Mx	.000429	1
55	MP4B	X	2.509	5
56	MP4B	Mx	.000429	5
57	MP4C	X	2.509	1
58	MP4C	Mx	.000961	1
59	MP4C	X	2.509	5
60	MP4C	Mx	.000961	5
61	MP4A	X	1.438	1
62	MP4A	Mx	-.000623	1
63	MP4A	X	1.438	5
64	MP4A	Mx	-.000623	5
65	M176A	X	8.167	1.5
66	M176A	Mx	0	1.5
67	M162A	X	8.167	1.5
68	M162A	Mx	0	1.5
69	M1	X	3.499	7

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
70	M1	Mx	0	7
71	M198	X	3.302	1.5
72	M198	Mx	0	1.5
73	M201	X	3.302	1.5
74	M201	Mx	0	1.5
75	M204	X	3.302	1.5
76	M204	Mx	0	1.5

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	-9.341	-9.341	0	%100
2	M2	Y	-10.38	-10.38	0	%100
3	M3	Y	-5.705	-5.705	0	%100
4	M6	Y	-7.403	-7.403	0	%100
5	M27	Y	-7.403	-7.403	0	%100
6	M33	Y	-7.403	-7.403	0	%100
7	M34	Y	-13.781	-13.781	0	%100
8	M35	Y	-13.781	-13.781	0	%100
9	MP1A	Y	-5.058	-5.058	0	%100
10	M147	Y	-7.724	-7.724	0	%100
11	M148	Y	-7.724	-7.724	0	%100
12	M103A	Y	-5.237	-5.237	0	%100
13	M104A	Y	-5.705	-5.705	0	%100
14	M101A	Y	-5.237	-5.237	0	%100
15	M101B	Y	-5.705	-5.705	0	%100
16	M102A	Y	-5.237	-5.237	0	%100
17	M103B	Y	-5.705	-5.705	0	%100
18	M104B	Y	-5.237	-5.237	0	%100
19	M110B	Y	-5.772	-5.772	0	%100
20	M109B	Y	-7.403	-7.403	0	%100
21	M110C	Y	-7.403	-7.403	0	%100
22	M108A	Y	-7.403	-7.403	0	%100
23	M109A	Y	-7.403	-7.403	0	%100
24	M112A	Y	-7.403	-7.403	0	%100
25	M113A	Y	-7.403	-7.403	0	%100
26	M116A	Y	-13.781	-13.781	0	%100
27	M117B	Y	-13.781	-13.781	0	%100
28	M118A	Y	-7.403	-7.403	0	%100
29	M118C	Y	-7.403	-7.403	0	%100
30	M122A	Y	-13.781	-13.781	0	%100
31	M123A	Y	-7.403	-7.403	0	%100
32	M124A	Y	-7.403	-7.403	0	%100
33	M127A	Y	-13.781	-13.781	0	%100
34	M128A	Y	-7.403	-7.403	0	%100
35	M129A	Y	-7.403	-7.403	0	%100
36	M132A	Y	-9.341	-9.341	0	%100
37	M133A	Y	-10.38	-10.38	0	%100
38	M136B	Y	-7.403	-7.403	0	%100
39	M140A	Y	-7.403	-7.403	0	%100
40	M142A	Y	-7.403	-7.403	0	%100
41	M144A	Y	-9.341	-9.341	0	%100
42	M145B	Y	-10.38	-10.38	0	%100
43	M148A	Y	-7.403	-7.403	0	%100
44	M152	Y	-7.403	-7.403	0	%100
45	M154	Y	-7.403	-7.403	0	%100



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 Checked By: _____

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,%]
46	M152A	Y	-5.772	-5.772	0 %100
47	M153A	Y	-5.772	-5.772	0 %100
48	M156	Y	-7.724	-7.724	0 %100
49	M160	Y	-7.724	-7.724	0 %100
50	M161	Y	-7.724	-7.724	0 %100
51	M164	Y	-7.724	-7.724	0 %100
52	M169	Y	-7.724	-7.724	0 %100
53	M170	Y	-7.724	-7.724	0 %100
54	M173	Y	-7.724	-7.724	0 %100
55	M173A	Y	-5.237	-5.237	0 %100
56	M174	Y	-5.705	-5.705	0 %100
57	M175	Y	-5.237	-5.237	0 %100
58	M176	Y	-5.705	-5.705	0 %100
59	M177	Y	-5.237	-5.237	0 %100
60	M178	Y	-5.705	-5.705	0 %100
61	M179	Y	-5.237	-5.237	0 %100
62	M180	Y	-5.237	-5.237	0 %100
63	M181	Y	-5.705	-5.705	0 %100
64	M182	Y	-5.237	-5.237	0 %100
65	M183	Y	-5.705	-5.705	0 %100
66	M184	Y	-5.237	-5.237	0 %100
67	M185	Y	-5.705	-5.705	0 %100
68	M186	Y	-5.237	-5.237	0 %100
69	MP2A	Y	-5.058	-5.058	0 %100
70	MP3A	Y	-5.058	-5.058	0 %100
71	MP4A	Y	-5.058	-5.058	0 %100
72	MP1C	Y	-5.058	-5.058	0 %100
73	MP2C	Y	-5.058	-5.058	0 %100
74	MP3C	Y	-5.058	-5.058	0 %100
75	MP4C	Y	-5.058	-5.058	0 %100
76	MP1B	Y	-5.058	-5.058	0 %100
77	MP2B	Y	-5.058	-5.058	0 %100
78	MP3B	Y	-5.058	-5.058	0 %100
79	MP4B	Y	-5.058	-5.058	0 %100
80	M148B	Y	-5.058	-5.058	0 %100
81	M153B	Y	-2.382	-2.382	0 %100
82	M154B	Y	-2.382	-2.382	0 %100
83	M159A	Y	-2.382	-2.382	0 %100
84	M160A	Y	-2.382	-2.382	0 %100
85	M162A	Y	-5.058	-5.058	0 %100
86	M167A	Y	-2.382	-2.382	0 %100
87	M168A	Y	-2.382	-2.382	0 %100
88	M173B	Y	-2.382	-2.382	0 %100
89	M174A	Y	-2.382	-2.382	0 %100
90	M176A	Y	-5.058	-5.058	0 %100
91	M181A	Y	-2.382	-2.382	0 %100
92	M182A	Y	-2.382	-2.382	0 %100
93	M187B	Y	-2.382	-2.382	0 %100
94	M188	Y	-2.382	-2.382	0 %100
95	M187C	Y	-5.058	-5.058	0 %100
96	M190	Y	-5.058	-5.058	0 %100
97	M193	Y	-5.058	-5.058	0 %100
98	M198	Y	-5.058	-5.058	0 %100
99	M201	Y	-5.058	-5.058	0 %100
100	M204	Y	-5.058	-5.058	0 %100
101	M209	Y	-5.772	-5.772	0 %100
102	M214	Y	-5.772	-5.772	0 %100



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 Checked By: _____

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, %]
103	M219	Y	-5.772	-5.772	0	%100
104	M226	Y	-7.724	-7.724	0	%100
105	M227	Y	-7.724	-7.724	0	%100
106	M228	Y	-7.724	-7.724	0	%100
107	M231	Y	-10.25	-10.25	0	%100
108	M233	Y	-10.25	-10.25	0	%100
109	M237	Y	-10.25	-10.25	0	%100
110	M242	Y	-5.705	-5.705	0	%100
111	M243	Y	-5.705	-5.705	0	%100
112	M244	Y	-5.705	-5.705	0	%100
113	M251A	Y	-5.705	-5.705	0	%100
114	M253	Y	-5.705	-5.705	0	%100
115	M256	Y	-10.768	-10.768	0	%100
116	M257	Y	-10.768	-10.768	0	%100
117	M258	Y	-10.768	-10.768	0	%100
118	M259	Y	-5.705	-5.705	0	%100
119	M260	Y	-5.705	-5.705	0	%100
120	M261	Y	-5.705	-5.705	0	%100
121	M262	Y	-5.705	-5.705	0	%100
122	M263	Y	-5.705	-5.705	0	%100
123	M264	Y	-5.705	-5.705	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	-12.2	-12.2	0	%100
7	M6	X	0	0	0	%100
8	M6	Z	0	0	0	%100
9	M27	X	0	0	0	%100
10	M27	Z	-15.047	-15.047	0	%100
11	M33	X	0	0	0	%100
12	M33	Z	-15.047	-15.047	0	%100
13	M34	X	0	0	0	%100
14	M34	Z	-37.617	-37.617	0	%100
15	M35	X	0	0	0	%100
16	M35	Z	-37.617	-37.617	0	%100
17	MP1A	X	0	0	0	%100
18	MP1A	Z	-8.934	-8.934	0	%100
19	M147	X	0	0	0	%100
20	M147	Z	0	0	0	%100
21	M148	X	0	0	0	%100
22	M148	Z	0	0	0	%100
23	M103A	X	0	0	0	%100
24	M103A	Z	-9.404	-9.404	0	%100
25	M104A	X	0	0	0	%100
26	M104A	Z	-11.337	-11.337	0	%100
27	M101A	X	0	0	0	%100
28	M101A	Z	-12.539	-12.539	0	%100
29	M101B	X	0	0	0	%100
30	M101B	Z	-11.337	-11.337	0	%100
31	M102A	X	0	0	0	%100
32	M102A	Z	-9.404	-9.404	0	%100



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 Checked By: _____

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, %]	
33	M103B	X	0	0	0	%100
34	M103B	Z	-11.337	-11.337	0	%100
35	M104B	X	0	0	0	%100
36	M104B	Z	-12.539	-12.539	0	%100
37	M110B	X	0	0	0	%100
38	M110B	Z	-10.815	-10.815	0	%100
39	M109B	X	0	0	0	%100
40	M109B	Z	-15.047	-15.047	0	%100
41	M110C	X	0	0	0	%100
42	M110C	Z	-15.047	-15.047	0	%100
43	M108A	X	0	0	0	%100
44	M108A	Z	-3.762	-3.762	0	%100
45	M109A	X	0	0	0	%100
46	M109A	Z	-3.762	-3.762	0	%100
47	M112A	X	0	0	0	%100
48	M112A	Z	-3.762	-3.762	0	%100
49	M113A	X	0	0	0	%100
50	M113A	Z	-3.762	-3.762	0	%100
51	M116A	X	0	0	0	%100
52	M116A	Z	-9.404	-9.404	0	%100
53	M117B	X	0	0	0	%100
54	M117B	Z	-9.404	-9.404	0	%100
55	M118A	X	0	0	0	%100
56	M118A	Z	0	0	0	%100
57	M118C	X	0	0	0	%100
58	M118C	Z	0	0	0	%100
59	M122A	X	0	0	0	%100
60	M122A	Z	-9.404	-9.404	0	%100
61	M123A	X	0	0	0	%100
62	M123A	Z	-3.762	-3.762	0	%100
63	M124A	X	0	0	0	%100
64	M124A	Z	-3.762	-3.762	0	%100
65	M127A	X	0	0	0	%100
66	M127A	Z	-9.404	-9.404	0	%100
67	M128A	X	0	0	0	%100
68	M128A	Z	-3.762	-3.762	0	%100
69	M129A	X	0	0	0	%100
70	M129A	Z	-3.762	-3.762	0	%100
71	M132A	X	0	0	0	%100
72	M132A	Z	-25.274	-25.274	0	%100
73	M133A	X	0	0	0	%100
74	M133A	Z	-21.081	-21.081	0	%100
75	M136B	X	0	0	0	%100
76	M136B	Z	-11.285	-11.285	0	%100
77	M140A	X	0	0	0	%100
78	M140A	Z	-11.285	-11.285	0	%100
79	M142A	X	0	0	0	%100
80	M142A	Z	-11.285	-11.285	0	%100
81	M144A	X	0	0	0	%100
82	M144A	Z	-25.274	-25.274	0	%100
83	M145B	X	0	0	0	%100
84	M145B	Z	-21.081	-21.081	0	%100
85	M148A	X	0	0	0	%100
86	M148A	Z	-11.285	-11.285	0	%100
87	M152	X	0	0	0	%100
88	M152	Z	-11.285	-11.285	0	%100
89	M154	X	0	0	0	%100



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 Checked By: _____

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, %]
90	M154	Z	-11.285	-11.285	0 %100
91	M152A	X	0	0	0 %100
92	M152A	Z	-10.815	-10.815	0 %100
93	M153A	X	0	0	0 %100
94	M153A	Z	-10.815	-10.815	0 %100
95	M156	X	0	0	0 %100
96	M156	Z	-16.492	-16.492	0 %100
97	M160	X	0	0	0 %100
98	M160	Z	-11.422	-11.422	0 %100
99	M161	X	0	0	0 %100
100	M161	Z	-11.422	-11.422	0 %100
101	M164	X	0	0	0 %100
102	M164	Z	-4.123	-4.123	0 %100
103	M169	X	0	0	0 %100
104	M169	Z	-11.422	-11.422	0 %100
105	M170	X	0	0	0 %100
106	M170	Z	-11.422	-11.422	0 %100
107	M173	X	0	0	0 %100
108	M173	Z	-4.123	-4.123	0 %100
109	M173A	X	0	0	0 %100
110	M173A	Z	-6.874	-6.874	0 %100
111	M174	X	0	0	0 %100
112	M174	Z	-11.337	-11.337	0 %100
113	M175	X	0	0	0 %100
114	M175	Z	-6.44	-6.44	0 %100
115	M176	X	0	0	0 %100
116	M176	Z	-11.337	-11.337	0 %100
117	M177	X	0	0	0 %100
118	M177	Z	-7.24	-7.24	0 %100
119	M178	X	0	0	0 %100
120	M178	Z	-11.337	-11.337	0 %100
121	M179	X	0	0	0 %100
122	M179	Z	-6.355	-6.355	0 %100
123	M180	X	0	0	0 %100
124	M180	Z	-6.874	-6.874	0 %100
125	M181	X	0	0	0 %100
126	M181	Z	-11.337	-11.337	0 %100
127	M182	X	0	0	0 %100
128	M182	Z	-6.44	-6.44	0 %100
129	M183	X	0	0	0 %100
130	M183	Z	-11.337	-11.337	0 %100
131	M184	X	0	0	0 %100
132	M184	Z	-7.24	-7.24	0 %100
133	M185	X	0	0	0 %100
134	M185	Z	-11.337	-11.337	0 %100
135	M186	X	0	0	0 %100
136	M186	Z	-6.355	-6.355	0 %100
137	MP2A	X	0	0	0 %100
138	MP2A	Z	-8.934	-8.934	0 %100
139	MP3A	X	0	0	0 %100
140	MP3A	Z	-8.934	-8.934	0 %100
141	MP4A	X	0	0	0 %100
142	MP4A	Z	-8.934	-8.934	0 %100
143	MP1C	X	0	0	0 %100
144	MP1C	Z	-8.934	-8.934	0 %100
145	MP2C	X	0	0	0 %100
146	MP2C	Z	-8.934	-8.934	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, %]	
147	MP3C	X	0	0	0	%100
148	MP3C	Z	-8.934	-8.934	0	%100
149	MP4C	X	0	0	0	%100
150	MP4C	Z	-8.934	-8.934	0	%100
151	MP1B	X	0	0	0	%100
152	MP1B	Z	-8.934	-8.934	0	%100
153	MP2B	X	0	0	0	%100
154	MP2B	Z	-8.934	-8.934	0	%100
155	MP3B	X	0	0	0	%100
156	MP3B	Z	-8.934	-8.934	0	%100
157	MP4B	X	0	0	0	%100
158	MP4B	Z	-8.934	-8.934	0	%100
159	M148B	X	0	0	0	%100
160	M148B	Z	-7.306	-7.306	0	%100
161	M153B	X	0	0	0	%100
162	M153B	Z	-.105	-.105	0	%100
163	M154B	X	0	0	0	%100
164	M154B	Z	-.105	-.105	0	%100
165	M159A	X	0	0	0	%100
166	M159A	Z	-.105	-.105	0	%100
167	M160A	X	0	0	0	%100
168	M160A	Z	-.105	-.105	0	%100
169	M162A	X	0	0	0	%100
170	M162A	Z	-7.306	-7.306	0	%100
171	M167A	X	0	0	0	%100
172	M167A	Z	-.784	-.784	0	%100
173	M168A	X	0	0	0	%100
174	M168A	Z	-.784	-.784	0	%100
175	M173B	X	0	0	0	%100
176	M173B	Z	-.784	-.784	0	%100
177	M174A	X	0	0	0	%100
178	M174A	Z	-.784	-.784	0	%100
179	M176A	X	0	0	0	%100
180	M176A	Z	-7.306	-7.306	0	%100
181	M181A	X	0	0	0	%100
182	M181A	Z	-1.462	-1.462	0	%100
183	M182A	X	0	0	0	%100
184	M182A	Z	-1.462	-1.462	0	%100
185	M187B	X	0	0	0	%100
186	M187B	Z	-1.462	-1.462	0	%100
187	M188	X	0	0	0	%100
188	M188	Z	-1.462	-1.462	0	%100
189	M187C	X	0	0	0	%100
190	M187C	Z	-6.888	-6.888	0	%100
191	M190	X	0	0	0	%100
192	M190	Z	-6.888	-6.888	0	%100
193	M193	X	0	0	0	%100
194	M193	Z	-6.888	-6.888	0	%100
195	M198	X	0	0	0	%100
196	M198	Z	-8.934	-8.934	0	%100
197	M201	X	0	0	0	%100
198	M201	Z	-8.934	-8.934	0	%100
199	M204	X	0	0	0	%100
200	M204	Z	-8.934	-8.934	0	%100
201	M209	X	0	0	0	%100
202	M209	Z	-10.815	-10.815	0	%100
203	M214	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, %]
204	M214	Z	-2.704	-2.704	0	%100
205	M219	X	0	0	0	%100
206	M219	Z	-2.704	-2.704	0	%100
207	M226	X	0	0	0	%100
208	M226	Z	-15.52	-15.52	0	%100
209	M227	X	0	0	0	%100
210	M227	Z	-3.88	-3.88	0	%100
211	M228	X	0	0	0	%100
212	M228	Z	-3.88	-3.88	0	%100
213	M231	X	0	0	0	%100
214	M231	Z	-1.411	-1.411	0	%100
215	M233	X	0	0	0	%100
216	M233	Z	-.353	-.353	0	%100
217	M237	X	0	0	0	%100
218	M237	Z	-.353	-.353	0	%100
219	M242	X	0	0	0	%100
220	M242	Z	-6.865	-6.865	0	%100
221	M243	X	0	0	0	%100
222	M243	Z	-8.361	-8.361	0	%100
223	M244	X	0	0	0	%100
224	M244	Z	-12.2	-12.2	0	%100
225	M251A	X	0	0	0	%100
226	M251A	Z	-12.2	-12.2	0	%100
227	M253	X	0	0	0	%100
228	M253	Z	-12.2	-12.2	0	%100
229	M256	X	0	0	0	%100
230	M256	Z	-12.476	-12.476	0	%100
231	M257	X	0	0	0	%100
232	M257	Z	-15.653	-15.653	0	%100
233	M258	X	0	0	0	%100
234	M258	Z	-15.653	-15.653	0	%100
235	M259	X	0	0	0	%100
236	M259	Z	-11.121	-11.121	0	%100
237	M260	X	0	0	0	%100
238	M260	Z	-11.495	-11.495	0	%100
239	M261	X	0	0	0	%100
240	M261	Z	-12.2	-12.2	0	%100
241	M262	X	0	0	0	%100
242	M262	Z	-11.121	-11.121	0	%100
243	M263	X	0	0	0	%100
244	M263	Z	-11.495	-11.495	0	%100
245	M264	X	0	0	0	%100
246	M264	Z	-12.2	-12.2	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M1	X	4.212	4.212	0	%100
2	M1	Z	-7.296	-7.296	0	%100
3	M2	X	3.514	3.514	0	%100
4	M2	Z	-6.086	-6.086	0	%100
5	M3	X	6.1	6.1	0	%100
6	M3	Z	-10.565	-10.565	0	%100
7	M6	X	1.881	1.881	0	%100
8	M6	Z	-3.258	-3.258	0	%100
9	M27	X	5.643	5.643	0	%100
10	M27	Z	-9.773	-9.773	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, %]
11	M33	X	5.643	5.643	0 %100
12	M33	Z	-9.773	-9.773	0 %100
13	M34	X	14.106	14.106	0 %100
14	M34	Z	-24.433	-24.433	0 %100
15	M35	X	14.106	14.106	0 %100
16	M35	Z	-24.433	-24.433	0 %100
17	MP1A	X	4.467	4.467	0 %100
18	MP1A	Z	-7.737	-7.737	0 %100
19	M147	X	1.904	1.904	0 %100
20	M147	Z	-3.297	-3.297	0 %100
21	M148	X	1.904	1.904	0 %100
22	M148	Z	-3.297	-3.297	0 %100
23	M103A	X	4.28	4.28	0 %100
24	M103A	Z	-7.414	-7.414	0 %100
25	M104A	X	5.669	5.669	0 %100
26	M104A	Z	-9.819	-9.819	0 %100
27	M101A	X	5.253	5.253	0 %100
28	M101A	Z	-9.098	-9.098	0 %100
29	M101B	X	5.669	5.669	0 %100
30	M101B	Z	-9.819	-9.819	0 %100
31	M102A	X	4.341	4.341	0 %100
32	M102A	Z	-7.52	-7.52	0 %100
33	M103B	X	5.669	5.669	0 %100
34	M103B	Z	-9.819	-9.819	0 %100
35	M104B	X	5.239	5.239	0 %100
36	M104B	Z	-9.074	-9.074	0 %100
37	M110B	X	5.407	5.407	0 %100
38	M110B	Z	-9.366	-9.366	0 %100
39	M109B	X	5.643	5.643	0 %100
40	M109B	Z	-9.773	-9.773	0 %100
41	M110C	X	5.643	5.643	0 %100
42	M110C	Z	-9.773	-9.773	0 %100
43	M108A	X	5.643	5.643	0 %100
44	M108A	Z	-9.773	-9.773	0 %100
45	M109A	X	5.643	5.643	0 %100
46	M109A	Z	-9.773	-9.773	0 %100
47	M112A	X	0	0	0 %100
48	M112A	Z	0	0	0 %100
49	M113A	X	0	0	0 %100
50	M113A	Z	0	0	0 %100
51	M116A	X	14.106	14.106	0 %100
52	M116A	Z	-24.433	-24.433	0 %100
53	M117B	X	0	0	0 %100
54	M117B	Z	0	0	0 %100
55	M118A	X	1.881	1.881	0 %100
56	M118A	Z	-3.258	-3.258	0 %100
57	M118C	X	1.881	1.881	0 %100
58	M118C	Z	-3.258	-3.258	0 %100
59	M122A	X	14.106	14.106	0 %100
60	M122A	Z	-24.433	-24.433	0 %100
61	M123A	X	5.643	5.643	0 %100
62	M123A	Z	-9.773	-9.773	0 %100
63	M124A	X	5.643	5.643	0 %100
64	M124A	Z	-9.773	-9.773	0 %100
65	M127A	X	0	0	0 %100
66	M127A	Z	0	0	0 %100
67	M128A	X	0	0	0 %100



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 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,%]
68	M128A	Z	0	0	0	%100
69	M129A	X	0	0	0	%100
70	M129A	Z	0	0	0	%100
71	M132A	X	4.212	4.212	0	%100
72	M132A	Z	-7.296	-7.296	0	%100
73	M133A	X	3.514	3.514	0	%100
74	M133A	Z	-6.086	-6.086	0	%100
75	M136B	X	1.881	1.881	0	%100
76	M136B	Z	-3.258	-3.258	0	%100
77	M140A	X	1.881	1.881	0	%100
78	M140A	Z	-3.258	-3.258	0	%100
79	M142A	X	1.881	1.881	0	%100
80	M142A	Z	-3.258	-3.258	0	%100
81	M144A	X	16.849	16.849	0	%100
82	M144A	Z	-29.184	-29.184	0	%100
83	M145B	X	14.054	14.054	0	%100
84	M145B	Z	-24.343	-24.343	0	%100
85	M148A	X	7.523	7.523	0	%100
86	M148A	Z	-13.031	-13.031	0	%100
87	M152	X	7.523	7.523	0	%100
88	M152	Z	-13.031	-13.031	0	%100
89	M154	X	7.523	7.523	0	%100
90	M154	Z	-13.031	-13.031	0	%100
91	M152A	X	5.407	5.407	0	%100
92	M152A	Z	-9.366	-9.366	0	%100
93	M153A	X	5.407	5.407	0	%100
94	M153A	Z	-9.366	-9.366	0	%100
95	M156	X	6.184	6.184	0	%100
96	M156	Z	-10.712	-10.712	0	%100
97	M160	X	1.904	1.904	0	%100
98	M160	Z	-3.297	-3.297	0	%100
99	M161	X	1.904	1.904	0	%100
100	M161	Z	-3.297	-3.297	0	%100
101	M164	X	6.184	6.184	0	%100
102	M164	Z	-10.712	-10.712	0	%100
103	M169	X	7.615	7.615	0	%100
104	M169	Z	-13.189	-13.189	0	%100
105	M170	X	7.615	7.615	0	%100
106	M170	Z	-13.189	-13.189	0	%100
107	M173	X	0	0	0	%100
108	M173	Z	0	0	0	%100
109	M173A	X	4.28	4.28	0	%100
110	M173A	Z	-7.414	-7.414	0	%100
111	M174	X	5.669	5.669	0	%100
112	M174	Z	-9.819	-9.819	0	%100
113	M175	X	5.253	5.253	0	%100
114	M175	Z	-9.098	-9.098	0	%100
115	M176	X	5.669	5.669	0	%100
116	M176	Z	-9.819	-9.819	0	%100
117	M177	X	4.341	4.341	0	%100
118	M177	Z	-7.52	-7.52	0	%100
119	M178	X	5.669	5.669	0	%100
120	M178	Z	-9.819	-9.819	0	%100
121	M179	X	5.239	5.239	0	%100
122	M179	Z	-9.074	-9.074	0	%100
123	M180	X	3.015	3.015	0	%100
124	M180	Z	-5.222	-5.222	0	%100



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 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, %]
125	M181	X	5.669	5.669	0 %100
126	M181	Z	-9.819	-9.819	0 %100
127	M182	X	2.203	2.203	0 %100
128	M182	Z	-3.816	-3.816	0 %100
129	M183	X	5.669	5.669	0 %100
130	M183	Z	-9.819	-9.819	0 %100
131	M184	X	3.259	3.259	0 %100
132	M184	Z	-5.645	-5.645	0 %100
133	M185	X	5.669	5.669	0 %100
134	M185	Z	-9.819	-9.819	0 %100
135	M186	X	2.147	2.147	0 %100
136	M186	Z	-3.719	-3.719	0 %100
137	MP2A	X	4.467	4.467	0 %100
138	MP2A	Z	-7.737	-7.737	0 %100
139	MP3A	X	4.467	4.467	0 %100
140	MP3A	Z	-7.737	-7.737	0 %100
141	MP4A	X	4.467	4.467	0 %100
142	MP4A	Z	-7.737	-7.737	0 %100
143	MP1C	X	4.467	4.467	0 %100
144	MP1C	Z	-7.737	-7.737	0 %100
145	MP2C	X	4.467	4.467	0 %100
146	MP2C	Z	-7.737	-7.737	0 %100
147	MP3C	X	4.467	4.467	0 %100
148	MP3C	Z	-7.737	-7.737	0 %100
149	MP4C	X	4.467	4.467	0 %100
150	MP4C	Z	-7.737	-7.737	0 %100
151	MP1B	X	4.467	4.467	0 %100
152	MP1B	Z	-7.737	-7.737	0 %100
153	MP2B	X	4.467	4.467	0 %100
154	MP2B	Z	-7.737	-7.737	0 %100
155	MP3B	X	4.467	4.467	0 %100
156	MP3B	Z	-7.737	-7.737	0 %100
157	MP4B	X	4.467	4.467	0 %100
158	MP4B	Z	-7.737	-7.737	0 %100
159	M148B	X	3.653	3.653	0 %100
160	M148B	Z	-6.327	-6.327	0 %100
161	M153B	X	.392	.392	0 %100
162	M153B	Z	-.679	-.679	0 %100
163	M154B	X	.392	.392	0 %100
164	M154B	Z	-.679	-.679	0 %100
165	M159A	X	.392	.392	0 %100
166	M159A	Z	-.679	-.679	0 %100
167	M160A	X	.392	.392	0 %100
168	M160A	Z	-.679	-.679	0 %100
169	M162A	X	3.653	3.653	0 %100
170	M162A	Z	-6.327	-6.327	0 %100
171	M167A	X	.052	.052	0 %100
172	M167A	Z	-.091	-.091	0 %100
173	M168A	X	.052	.052	0 %100
174	M168A	Z	-.091	-.091	0 %100
175	M173B	X	.052	.052	0 %100
176	M173B	Z	-.091	-.091	0 %100
177	M174A	X	.052	.052	0 %100
178	M174A	Z	-.091	-.091	0 %100
179	M176A	X	3.653	3.653	0 %100
180	M176A	Z	-6.327	-6.327	0 %100
181	M181A	X	.731	.731	0 %100



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 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, %]
182	M181A	Z	-1.266	-1.266	0 %100
183	M182A	X	.731	.731	0 %100
184	M182A	Z	-1.266	-1.266	0 %100
185	M187B	X	.731	.731	0 %100
186	M187B	Z	-1.266	-1.266	0 %100
187	M188	X	.731	.731	0 %100
188	M188	Z	-1.266	-1.266	0 %100
189	M187C	X	3.444	3.444	0 %100
190	M187C	Z	-5.965	-5.965	0 %100
191	M190	X	3.444	3.444	0 %100
192	M190	Z	-5.965	-5.965	0 %100
193	M193	X	3.444	3.444	0 %100
194	M193	Z	-5.965	-5.965	0 %100
195	M198	X	4.467	4.467	0 %100
196	M198	Z	-7.737	-7.737	0 %100
197	M201	X	4.467	4.467	0 %100
198	M201	Z	-7.737	-7.737	0 %100
199	M204	X	4.467	4.467	0 %100
200	M204	Z	-7.737	-7.737	0 %100
201	M209	X	4.056	4.056	0 %100
202	M209	Z	-7.025	-7.025	0 %100
203	M214	X	4.056	4.056	0 %100
204	M214	Z	-7.025	-7.025	0 %100
205	M219	X	0	0	0 %100
206	M219	Z	0	0	0 %100
207	M226	X	5.82	5.82	0 %100
208	M226	Z	-10.081	-10.081	0 %100
209	M227	X	5.82	5.82	0 %100
210	M227	Z	-10.081	-10.081	0 %100
211	M228	X	0	0	0 %100
212	M228	Z	0	0	0 %100
213	M231	X	.529	.529	0 %100
214	M231	Z	-.916	-.916	0 %100
215	M233	X	.529	.529	0 %100
216	M233	Z	-.916	-.916	0 %100
217	M237	X	0	0	0 %100
218	M237	Z	0	0	0 %100
219	M242	X	4.142	4.142	0 %100
220	M242	Z	-7.174	-7.174	0 %100
221	M243	X	4.703	4.703	0 %100
222	M243	Z	-8.145	-8.145	0 %100
223	M244	X	6.1	6.1	0 %100
224	M244	Z	-10.565	-10.565	0 %100
225	M251A	X	6.1	6.1	0 %100
226	M251A	Z	-10.565	-10.565	0 %100
227	M253	X	6.1	6.1	0 %100
228	M253	Z	-10.565	-10.565	0 %100
229	M256	X	6.768	6.768	0 %100
230	M256	Z	-11.722	-11.722	0 %100
231	M257	X	6.768	6.768	0 %100
232	M257	Z	-11.722	-11.722	0 %100
233	M258	X	8.356	8.356	0 %100
234	M258	Z	-14.473	-14.473	0 %100
235	M259	X	4.142	4.142	0 %100
236	M259	Z	-7.174	-7.174	0 %100
237	M260	X	4.703	4.703	0 %100
238	M260	Z	-8.145	-8.145	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, %]
239	M261	X	6.1	6.1	0	%100
240	M261	Z	-10.565	-10.565	0	%100
241	M262	X	6.27	6.27	0	%100
242	M262	Z	-10.859	-10.859	0	%100
243	M263	X	6.27	6.27	0	%100
244	M263	Z	-10.859	-10.859	0	%100
245	M264	X	6.1	6.1	0	%100
246	M264	Z	-10.565	-10.565	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	21.888	21.888	0	%100
2	M1	Z	-12.637	-12.637	0	%100
3	M2	X	18.257	18.257	0	%100
4	M2	Z	-10.541	-10.541	0	%100
5	M3	X	10.565	10.565	0	%100
6	M3	Z	-6.1	-6.1	0	%100
7	M6	X	9.773	9.773	0	%100
8	M6	Z	-5.643	-5.643	0	%100
9	M27	X	3.258	3.258	0	%100
10	M27	Z	-1.881	-1.881	0	%100
11	M33	X	3.258	3.258	0	%100
12	M33	Z	-1.881	-1.881	0	%100
13	M34	X	8.144	8.144	0	%100
14	M34	Z	-4.702	-4.702	0	%100
15	M35	X	8.144	8.144	0	%100
16	M35	Z	-4.702	-4.702	0	%100
17	MP1A	X	7.737	7.737	0	%100
18	MP1A	Z	-4.467	-4.467	0	%100
19	M147	X	9.892	9.892	0	%100
20	M147	Z	-5.711	-5.711	0	%100
21	M148	X	9.892	9.892	0	%100
22	M148	Z	-5.711	-5.711	0	%100
23	M103A	X	5.953	5.953	0	%100
24	M103A	Z	-3.437	-3.437	0	%100
25	M104A	X	9.819	9.819	0	%100
26	M104A	Z	-5.669	-5.669	0	%100
27	M101A	X	5.577	5.577	0	%100
28	M101A	Z	-3.22	-3.22	0	%100
29	M101B	X	9.819	9.819	0	%100
30	M101B	Z	-5.669	-5.669	0	%100
31	M102A	X	6.27	6.27	0	%100
32	M102A	Z	-3.62	-3.62	0	%100
33	M103B	X	9.819	9.819	0	%100
34	M103B	Z	-5.669	-5.669	0	%100
35	M104B	X	5.504	5.504	0	%100
36	M104B	Z	-3.178	-3.178	0	%100
37	M110B	X	9.366	9.366	0	%100
38	M110B	Z	-5.407	-5.407	0	%100
39	M109B	X	3.258	3.258	0	%100
40	M109B	Z	-1.881	-1.881	0	%100
41	M110C	X	3.258	3.258	0	%100
42	M110C	Z	-1.881	-1.881	0	%100
43	M108A	X	13.031	13.031	0	%100
44	M108A	Z	-7.523	-7.523	0	%100
45	M109A	X	13.031	13.031	0	%100



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 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,%]
46	M109A	Z	-7.523	-7.523	0 %100
47	M112A	X	3.258	3.258	0 %100
48	M112A	Z	-1.881	-1.881	0 %100
49	M113A	X	3.258	3.258	0 %100
50	M113A	Z	-1.881	-1.881	0 %100
51	M116A	X	32.578	32.578	0 %100
52	M116A	Z	-18.809	-18.809	0 %100
53	M117B	X	8.144	8.144	0 %100
54	M117B	Z	-4.702	-4.702	0 %100
55	M118A	X	9.773	9.773	0 %100
56	M118A	Z	-5.643	-5.643	0 %100
57	M118C	X	9.773	9.773	0 %100
58	M118C	Z	-5.643	-5.643	0 %100
59	M122A	X	32.578	32.578	0 %100
60	M122A	Z	-18.809	-18.809	0 %100
61	M123A	X	13.031	13.031	0 %100
62	M123A	Z	-7.523	-7.523	0 %100
63	M124A	X	13.031	13.031	0 %100
64	M124A	Z	-7.523	-7.523	0 %100
65	M127A	X	8.144	8.144	0 %100
66	M127A	Z	-4.702	-4.702	0 %100
67	M128A	X	3.258	3.258	0 %100
68	M128A	Z	-1.881	-1.881	0 %100
69	M129A	X	3.258	3.258	0 %100
70	M129A	Z	-1.881	-1.881	0 %100
71	M132A	X	0	0	0 %100
72	M132A	Z	0	0	0 %100
73	M133A	X	0	0	0 %100
74	M133A	Z	0	0	0 %100
75	M136B	X	0	0	0 %100
76	M136B	Z	0	0	0 %100
77	M140A	X	0	0	0 %100
78	M140A	Z	0	0	0 %100
79	M142A	X	0	0	0 %100
80	M142A	Z	0	0	0 %100
81	M144A	X	21.888	21.888	0 %100
82	M144A	Z	-12.637	-12.637	0 %100
83	M145B	X	18.257	18.257	0 %100
84	M145B	Z	-10.541	-10.541	0 %100
85	M148A	X	9.773	9.773	0 %100
86	M148A	Z	-5.643	-5.643	0 %100
87	M152	X	9.773	9.773	0 %100
88	M152	Z	-5.643	-5.643	0 %100
89	M154	X	9.773	9.773	0 %100
90	M154	Z	-5.643	-5.643	0 %100
91	M152A	X	9.366	9.366	0 %100
92	M152A	Z	-5.407	-5.407	0 %100
93	M153A	X	9.366	9.366	0 %100
94	M153A	Z	-5.407	-5.407	0 %100
95	M156	X	3.571	3.571	0 %100
96	M156	Z	-2.061	-2.061	0 %100
97	M160	X	0	0	0 %100
98	M160	Z	0	0	0 %100
99	M161	X	0	0	0 %100
100	M161	Z	0	0	0 %100
101	M164	X	14.282	14.282	0 %100
102	M164	Z	-8.246	-8.246	0 %100



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 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,%]
103	M169	X	9.892	9.892	0	%100
104	M169	Z	-5.711	-5.711	0	%100
105	M170	X	9.892	9.892	0	%100
106	M170	Z	-5.711	-5.711	0	%100
107	M173	X	3.571	3.571	0	%100
108	M173	Z	-2.061	-2.061	0	%100
109	M173A	X	8.144	8.144	0	%100
110	M173A	Z	-4.702	-4.702	0	%100
111	M174	X	9.819	9.819	0	%100
112	M174	Z	-5.669	-5.669	0	%100
113	M175	X	10.859	10.859	0	%100
114	M175	Z	-6.27	-6.27	0	%100
115	M176	X	9.819	9.819	0	%100
116	M176	Z	-5.669	-5.669	0	%100
117	M177	X	8.144	8.144	0	%100
118	M177	Z	-4.702	-4.702	0	%100
119	M178	X	9.819	9.819	0	%100
120	M178	Z	-5.669	-5.669	0	%100
121	M179	X	10.859	10.859	0	%100
122	M179	Z	-6.27	-6.27	0	%100
123	M180	X	5.953	5.953	0	%100
124	M180	Z	-3.437	-3.437	0	%100
125	M181	X	9.819	9.819	0	%100
126	M181	Z	-5.669	-5.669	0	%100
127	M182	X	5.577	5.577	0	%100
128	M182	Z	-3.22	-3.22	0	%100
129	M183	X	9.819	9.819	0	%100
130	M183	Z	-5.669	-5.669	0	%100
131	M184	X	6.27	6.27	0	%100
132	M184	Z	-3.62	-3.62	0	%100
133	M185	X	9.819	9.819	0	%100
134	M185	Z	-5.669	-5.669	0	%100
135	M186	X	5.504	5.504	0	%100
136	M186	Z	-3.178	-3.178	0	%100
137	MP2A	X	7.737	7.737	0	%100
138	MP2A	Z	-4.467	-4.467	0	%100
139	MP3A	X	7.737	7.737	0	%100
140	MP3A	Z	-4.467	-4.467	0	%100
141	MP4A	X	7.737	7.737	0	%100
142	MP4A	Z	-4.467	-4.467	0	%100
143	MP1C	X	7.737	7.737	0	%100
144	MP1C	Z	-4.467	-4.467	0	%100
145	MP2C	X	7.737	7.737	0	%100
146	MP2C	Z	-4.467	-4.467	0	%100
147	MP3C	X	7.737	7.737	0	%100
148	MP3C	Z	-4.467	-4.467	0	%100
149	MP4C	X	7.737	7.737	0	%100
150	MP4C	Z	-4.467	-4.467	0	%100
151	MP1B	X	7.737	7.737	0	%100
152	MP1B	Z	-4.467	-4.467	0	%100
153	MP2B	X	7.737	7.737	0	%100
154	MP2B	Z	-4.467	-4.467	0	%100
155	MP3B	X	7.737	7.737	0	%100
156	MP3B	Z	-4.467	-4.467	0	%100
157	MP4B	X	7.737	7.737	0	%100
158	MP4B	Z	-4.467	-4.467	0	%100
159	M148B	X	6.327	6.327	0	%100



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 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, %]
160	M148B	Z	-3.653	-3.653	0 %100
161	M153B	X	1.266	1.266	0 %100
162	M153B	Z	-.731	-.731	0 %100
163	M154B	X	1.266	1.266	0 %100
164	M154B	Z	-.731	-.731	0 %100
165	M159A	X	1.266	1.266	0 %100
166	M159A	Z	-.731	-.731	0 %100
167	M160A	X	1.266	1.266	0 %100
168	M160A	Z	-.731	-.731	0 %100
169	M162A	X	6.327	6.327	0 %100
170	M162A	Z	-3.653	-3.653	0 %100
171	M167A	X	.091	.091	0 %100
172	M167A	Z	-.052	-.052	0 %100
173	M168A	X	.091	.091	0 %100
174	M168A	Z	-.052	-.052	0 %100
175	M173B	X	.091	.091	0 %100
176	M173B	Z	-.052	-.052	0 %100
177	M174A	X	.091	.091	0 %100
178	M174A	Z	-.052	-.052	0 %100
179	M176A	X	6.327	6.327	0 %100
180	M176A	Z	-3.653	-3.653	0 %100
181	M181A	X	.679	.679	0 %100
182	M181A	Z	-.392	-.392	0 %100
183	M182A	X	.679	.679	0 %100
184	M182A	Z	-.392	-.392	0 %100
185	M187B	X	.679	.679	0 %100
186	M187B	Z	-.392	-.392	0 %100
187	M188	X	.679	.679	0 %100
188	M188	Z	-.392	-.392	0 %100
189	M187C	X	5.965	5.965	0 %100
190	M187C	Z	-3.444	-3.444	0 %100
191	M190	X	5.965	5.965	0 %100
192	M190	Z	-3.444	-3.444	0 %100
193	M193	X	5.965	5.965	0 %100
194	M193	Z	-3.444	-3.444	0 %100
195	M198	X	7.737	7.737	0 %100
196	M198	Z	-4.467	-4.467	0 %100
197	M201	X	7.737	7.737	0 %100
198	M201	Z	-4.467	-4.467	0 %100
199	M204	X	7.737	7.737	0 %100
200	M204	Z	-4.467	-4.467	0 %100
201	M209	X	2.342	2.342	0 %100
202	M209	Z	-1.352	-1.352	0 %100
203	M214	X	9.366	9.366	0 %100
204	M214	Z	-5.407	-5.407	0 %100
205	M219	X	2.342	2.342	0 %100
206	M219	Z	-1.352	-1.352	0 %100
207	M226	X	3.36	3.36	0 %100
208	M226	Z	-1.94	-1.94	0 %100
209	M227	X	13.441	13.441	0 %100
210	M227	Z	-7.76	-7.76	0 %100
211	M228	X	3.36	3.36	0 %100
212	M228	Z	-1.94	-1.94	0 %100
213	M231	X	.305	.305	0 %100
214	M231	Z	-.176	-.176	0 %100
215	M233	X	1.222	1.222	0 %100
216	M233	Z	-.705	-.705	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, %]
217	M237	X	.305	.305	0	%100
218	M237	Z	-.176	-.176	0	%100
219	M242	X	9.631	9.631	0	%100
220	M242	Z	-5.56	-5.56	0	%100
221	M243	X	9.955	9.955	0	%100
222	M243	Z	-5.747	-5.747	0	%100
223	M244	X	10.565	10.565	0	%100
224	M244	Z	-6.1	-6.1	0	%100
225	M251A	X	10.565	10.565	0	%100
226	M251A	Z	-6.1	-6.1	0	%100
227	M253	X	10.565	10.565	0	%100
228	M253	Z	-6.1	-6.1	0	%100
229	M256	X	13.556	13.556	0	%100
230	M256	Z	-7.827	-7.827	0	%100
231	M257	X	10.805	10.805	0	%100
232	M257	Z	-6.238	-6.238	0	%100
233	M258	X	13.556	13.556	0	%100
234	M258	Z	-7.827	-7.827	0	%100
235	M259	X	5.946	5.946	0	%100
236	M259	Z	-3.433	-3.433	0	%100
237	M260	X	7.241	7.241	0	%100
238	M260	Z	-4.181	-4.181	0	%100
239	M261	X	10.565	10.565	0	%100
240	M261	Z	-6.1	-6.1	0	%100
241	M262	X	9.631	9.631	0	%100
242	M262	Z	-5.56	-5.56	0	%100
243	M263	X	9.955	9.955	0	%100
244	M263	Z	-5.747	-5.747	0	%100
245	M264	X	10.565	10.565	0	%100
246	M264	Z	-6.1	-6.1	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	33.699	33.699	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	28.108	28.108	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	12.2	12.2	0	%100
6	M3	Z	0	0	0	%100
7	M6	X	15.047	15.047	0	%100
8	M6	Z	0	0	0	%100
9	M27	X	0	0	0	%100
10	M27	Z	0	0	0	%100
11	M33	X	0	0	0	%100
12	M33	Z	0	0	0	%100
13	M34	X	0	0	0	%100
14	M34	Z	0	0	0	%100
15	M35	X	0	0	0	%100
16	M35	Z	0	0	0	%100
17	MP1A	X	8.934	8.934	0	%100
18	MP1A	Z	0	0	0	%100
19	M147	X	15.23	15.23	0	%100
20	M147	Z	0	0	0	%100
21	M148	X	15.23	15.23	0	%100
22	M148	Z	0	0	0	%100
23	M103A	X	6.03	6.03	0	%100



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 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,%]
24	M103A	Z	0	0	0	%100
25	M104A	X	11.337	11.337	0	%100
26	M104A	Z	0	0	0	%100
27	M101A	X	4.407	4.407	0	%100
28	M101A	Z	0	0	0	%100
29	M101B	X	11.337	11.337	0	%100
30	M101B	Z	0	0	0	%100
31	M102A	X	6.519	6.519	0	%100
32	M102A	Z	0	0	0	%100
33	M103B	X	11.337	11.337	0	%100
34	M103B	Z	0	0	0	%100
35	M104B	X	4.294	4.294	0	%100
36	M104B	Z	0	0	0	%100
37	M110B	X	10.815	10.815	0	%100
38	M110B	Z	0	0	0	%100
39	M109B	X	0	0	0	%100
40	M109B	Z	0	0	0	%100
41	M110C	X	0	0	0	%100
42	M110C	Z	0	0	0	%100
43	M108A	X	11.285	11.285	0	%100
44	M108A	Z	0	0	0	%100
45	M109A	X	11.285	11.285	0	%100
46	M109A	Z	0	0	0	%100
47	M112A	X	11.285	11.285	0	%100
48	M112A	Z	0	0	0	%100
49	M113A	X	11.285	11.285	0	%100
50	M113A	Z	0	0	0	%100
51	M116A	X	28.213	28.213	0	%100
52	M116A	Z	0	0	0	%100
53	M117B	X	28.213	28.213	0	%100
54	M117B	Z	0	0	0	%100
55	M118A	X	15.047	15.047	0	%100
56	M118A	Z	0	0	0	%100
57	M118C	X	15.047	15.047	0	%100
58	M118C	Z	0	0	0	%100
59	M122A	X	28.213	28.213	0	%100
60	M122A	Z	0	0	0	%100
61	M123A	X	11.285	11.285	0	%100
62	M123A	Z	0	0	0	%100
63	M124A	X	11.285	11.285	0	%100
64	M124A	Z	0	0	0	%100
65	M127A	X	28.213	28.213	0	%100
66	M127A	Z	0	0	0	%100
67	M128A	X	11.285	11.285	0	%100
68	M128A	Z	0	0	0	%100
69	M129A	X	11.285	11.285	0	%100
70	M129A	Z	0	0	0	%100
71	M132A	X	8.425	8.425	0	%100
72	M132A	Z	0	0	0	%100
73	M133A	X	7.027	7.027	0	%100
74	M133A	Z	0	0	0	%100
75	M136B	X	3.762	3.762	0	%100
76	M136B	Z	0	0	0	%100
77	M140A	X	3.762	3.762	0	%100
78	M140A	Z	0	0	0	%100
79	M142A	X	3.762	3.762	0	%100
80	M142A	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, %]
81	M144A	X	8.425	8.425	0	%100
82	M144A	Z	0	0	0	%100
83	M145B	X	7.027	7.027	0	%100
84	M145B	Z	0	0	0	%100
85	M148A	X	3.762	3.762	0	%100
86	M148A	Z	0	0	0	%100
87	M152	X	3.762	3.762	0	%100
88	M152	Z	0	0	0	%100
89	M154	X	3.762	3.762	0	%100
90	M154	Z	0	0	0	%100
91	M152A	X	10.815	10.815	0	%100
92	M152A	Z	0	0	0	%100
93	M153A	X	10.815	10.815	0	%100
94	M153A	Z	0	0	0	%100
95	M156	X	0	0	0	%100
96	M156	Z	0	0	0	%100
97	M160	X	3.807	3.807	0	%100
98	M160	Z	0	0	0	%100
99	M161	X	3.807	3.807	0	%100
100	M161	Z	0	0	0	%100
101	M164	X	12.369	12.369	0	%100
102	M164	Z	0	0	0	%100
103	M169	X	3.807	3.807	0	%100
104	M169	Z	0	0	0	%100
105	M170	X	3.807	3.807	0	%100
106	M170	Z	0	0	0	%100
107	M173	X	12.369	12.369	0	%100
108	M173	Z	0	0	0	%100
109	M173A	X	8.561	8.561	0	%100
110	M173A	Z	0	0	0	%100
111	M174	X	11.337	11.337	0	%100
112	M174	Z	0	0	0	%100
113	M175	X	10.506	10.506	0	%100
114	M175	Z	0	0	0	%100
115	M176	X	11.337	11.337	0	%100
116	M176	Z	0	0	0	%100
117	M177	X	8.683	8.683	0	%100
118	M177	Z	0	0	0	%100
119	M178	X	11.337	11.337	0	%100
120	M178	Z	0	0	0	%100
121	M179	X	10.478	10.478	0	%100
122	M179	Z	0	0	0	%100
123	M180	X	8.561	8.561	0	%100
124	M180	Z	0	0	0	%100
125	M181	X	11.337	11.337	0	%100
126	M181	Z	0	0	0	%100
127	M182	X	10.506	10.506	0	%100
128	M182	Z	0	0	0	%100
129	M183	X	11.337	11.337	0	%100
130	M183	Z	0	0	0	%100
131	M184	X	8.683	8.683	0	%100
132	M184	Z	0	0	0	%100
133	M185	X	11.337	11.337	0	%100
134	M185	Z	0	0	0	%100
135	M186	X	10.478	10.478	0	%100
136	M186	Z	0	0	0	%100
137	MP2A	X	8.934	8.934	0	%100



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 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, %]	
138	MP2A	Z	0	0	0	%100
139	MP3A	X	8.934	8.934	0	%100
140	MP3A	Z	0	0	0	%100
141	MP4A	X	8.934	8.934	0	%100
142	MP4A	Z	0	0	0	%100
143	MP1C	X	8.934	8.934	0	%100
144	MP1C	Z	0	0	0	%100
145	MP2C	X	8.934	8.934	0	%100
146	MP2C	Z	0	0	0	%100
147	MP3C	X	8.934	8.934	0	%100
148	MP3C	Z	0	0	0	%100
149	MP4C	X	8.934	8.934	0	%100
150	MP4C	Z	0	0	0	%100
151	MP1B	X	8.934	8.934	0	%100
152	MP1B	Z	0	0	0	%100
153	MP2B	X	8.934	8.934	0	%100
154	MP2B	Z	0	0	0	%100
155	MP3B	X	8.934	8.934	0	%100
156	MP3B	Z	0	0	0	%100
157	MP4B	X	8.934	8.934	0	%100
158	MP4B	Z	0	0	0	%100
159	M148B	X	7.306	7.306	0	%100
160	M148B	Z	0	0	0	%100
161	M153B	X	1.462	1.462	0	%100
162	M153B	Z	0	0	0	%100
163	M154B	X	1.462	1.462	0	%100
164	M154B	Z	0	0	0	%100
165	M159A	X	1.462	1.462	0	%100
166	M159A	Z	0	0	0	%100
167	M160A	X	1.462	1.462	0	%100
168	M160A	Z	0	0	0	%100
169	M162A	X	7.306	7.306	0	%100
170	M162A	Z	0	0	0	%100
171	M167A	X	.784	.784	0	%100
172	M167A	Z	0	0	0	%100
173	M168A	X	.784	.784	0	%100
174	M168A	Z	0	0	0	%100
175	M173B	X	.784	.784	0	%100
176	M173B	Z	0	0	0	%100
177	M174A	X	.784	.784	0	%100
178	M174A	Z	0	0	0	%100
179	M176A	X	7.306	7.306	0	%100
180	M176A	Z	0	0	0	%100
181	M181A	X	.105	.105	0	%100
182	M181A	Z	0	0	0	%100
183	M182A	X	.105	.105	0	%100
184	M182A	Z	0	0	0	%100
185	M187B	X	.105	.105	0	%100
186	M187B	Z	0	0	0	%100
187	M188	X	.105	.105	0	%100
188	M188	Z	0	0	0	%100
189	M187C	X	6.888	6.888	0	%100
190	M187C	Z	0	0	0	%100
191	M190	X	6.888	6.888	0	%100
192	M190	Z	0	0	0	%100
193	M193	X	6.888	6.888	0	%100
194	M193	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, %]
195	M198	X	8.934	8.934	0	%100
196	M198	Z	0	0	0	%100
197	M201	X	8.934	8.934	0	%100
198	M201	Z	0	0	0	%100
199	M204	X	8.934	8.934	0	%100
200	M204	Z	0	0	0	%100
201	M209	X	0	0	0	%100
202	M209	Z	0	0	0	%100
203	M214	X	8.111	8.111	0	%100
204	M214	Z	0	0	0	%100
205	M219	X	8.111	8.111	0	%100
206	M219	Z	0	0	0	%100
207	M226	X	0	0	0	%100
208	M226	Z	0	0	0	%100
209	M227	X	11.64	11.64	0	%100
210	M227	Z	0	0	0	%100
211	M228	X	11.64	11.64	0	%100
212	M228	Z	0	0	0	%100
213	M231	X	0	0	0	%100
214	M231	Z	0	0	0	%100
215	M233	X	1.058	1.058	0	%100
216	M233	Z	0	0	0	%100
217	M237	X	1.058	1.058	0	%100
218	M237	Z	0	0	0	%100
219	M242	X	12.539	12.539	0	%100
220	M242	Z	0	0	0	%100
221	M243	X	12.539	12.539	0	%100
222	M243	Z	0	0	0	%100
223	M244	X	12.2	12.2	0	%100
224	M244	Z	0	0	0	%100
225	M251A	X	12.2	12.2	0	%100
226	M251A	Z	0	0	0	%100
227	M253	X	12.2	12.2	0	%100
228	M253	Z	0	0	0	%100
229	M256	X	16.712	16.712	0	%100
230	M256	Z	0	0	0	%100
231	M257	X	13.535	13.535	0	%100
232	M257	Z	0	0	0	%100
233	M258	X	13.535	13.535	0	%100
234	M258	Z	0	0	0	%100
235	M259	X	8.284	8.284	0	%100
236	M259	Z	0	0	0	%100
237	M260	X	9.406	9.406	0	%100
238	M260	Z	0	0	0	%100
239	M261	X	12.2	12.2	0	%100
240	M261	Z	0	0	0	%100
241	M262	X	8.284	8.284	0	%100
242	M262	Z	0	0	0	%100
243	M263	X	9.406	9.406	0	%100
244	M263	Z	0	0	0	%100
245	M264	X	12.2	12.2	0	%100
246	M264	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M1	X	21.888	21.888	0	%100



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 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, %]
2	M1	Z	12.637	12.637	0	%100
3	M2	X	18.257	18.257	0	%100
4	M2	Z	10.541	10.541	0	%100
5	M3	X	10.565	10.565	0	%100
6	M3	Z	6.1	6.1	0	%100
7	M6	X	9.773	9.773	0	%100
8	M6	Z	5.643	5.643	0	%100
9	M27	X	3.258	3.258	0	%100
10	M27	Z	1.881	1.881	0	%100
11	M33	X	3.258	3.258	0	%100
12	M33	Z	1.881	1.881	0	%100
13	M34	X	8.144	8.144	0	%100
14	M34	Z	4.702	4.702	0	%100
15	M35	X	8.144	8.144	0	%100
16	M35	Z	4.702	4.702	0	%100
17	MP1A	X	7.737	7.737	0	%100
18	MP1A	Z	4.467	4.467	0	%100
19	M147	X	9.892	9.892	0	%100
20	M147	Z	5.711	5.711	0	%100
21	M148	X	9.892	9.892	0	%100
22	M148	Z	5.711	5.711	0	%100
23	M103A	X	5.953	5.953	0	%100
24	M103A	Z	3.437	3.437	0	%100
25	M104A	X	9.819	9.819	0	%100
26	M104A	Z	5.669	5.669	0	%100
27	M101A	X	5.577	5.577	0	%100
28	M101A	Z	3.22	3.22	0	%100
29	M101B	X	9.819	9.819	0	%100
30	M101B	Z	5.669	5.669	0	%100
31	M102A	X	6.27	6.27	0	%100
32	M102A	Z	3.62	3.62	0	%100
33	M103B	X	9.819	9.819	0	%100
34	M103B	Z	5.669	5.669	0	%100
35	M104B	X	5.504	5.504	0	%100
36	M104B	Z	3.178	3.178	0	%100
37	M110B	X	9.366	9.366	0	%100
38	M110B	Z	5.407	5.407	0	%100
39	M109B	X	3.258	3.258	0	%100
40	M109B	Z	1.881	1.881	0	%100
41	M110C	X	3.258	3.258	0	%100
42	M110C	Z	1.881	1.881	0	%100
43	M108A	X	3.258	3.258	0	%100
44	M108A	Z	1.881	1.881	0	%100
45	M109A	X	3.258	3.258	0	%100
46	M109A	Z	1.881	1.881	0	%100
47	M112A	X	13.031	13.031	0	%100
48	M112A	Z	7.523	7.523	0	%100
49	M113A	X	13.031	13.031	0	%100
50	M113A	Z	7.523	7.523	0	%100
51	M116A	X	8.144	8.144	0	%100
52	M116A	Z	4.702	4.702	0	%100
53	M117B	X	32.578	32.578	0	%100
54	M117B	Z	18.809	18.809	0	%100
55	M118A	X	9.773	9.773	0	%100
56	M118A	Z	5.643	5.643	0	%100
57	M118C	X	9.773	9.773	0	%100
58	M118C	Z	5.643	5.643	0	%100



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 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, %]
59	M122A	X	8.144	8.144	0 %100
60	M122A	Z	4.702	4.702	0 %100
61	M123A	X	3.258	3.258	0 %100
62	M123A	Z	1.881	1.881	0 %100
63	M124A	X	3.258	3.258	0 %100
64	M124A	Z	1.881	1.881	0 %100
65	M127A	X	32.578	32.578	0 %100
66	M127A	Z	18.809	18.809	0 %100
67	M128A	X	13.031	13.031	0 %100
68	M128A	Z	7.523	7.523	0 %100
69	M129A	X	13.031	13.031	0 %100
70	M129A	Z	7.523	7.523	0 %100
71	M132A	X	21.888	21.888	0 %100
72	M132A	Z	12.637	12.637	0 %100
73	M133A	X	18.257	18.257	0 %100
74	M133A	Z	10.541	10.541	0 %100
75	M136B	X	9.773	9.773	0 %100
76	M136B	Z	5.643	5.643	0 %100
77	M140A	X	9.773	9.773	0 %100
78	M140A	Z	5.643	5.643	0 %100
79	M142A	X	9.773	9.773	0 %100
80	M142A	Z	5.643	5.643	0 %100
81	M144A	X	0	0	0 %100
82	M144A	Z	0	0	0 %100
83	M145B	X	0	0	0 %100
84	M145B	Z	0	0	0 %100
85	M148A	X	0	0	0 %100
86	M148A	Z	0	0	0 %100
87	M152	X	0	0	0 %100
88	M152	Z	0	0	0 %100
89	M154	X	0	0	0 %100
90	M154	Z	0	0	0 %100
91	M152A	X	9.366	9.366	0 %100
92	M152A	Z	5.407	5.407	0 %100
93	M153A	X	9.366	9.366	0 %100
94	M153A	Z	5.407	5.407	0 %100
95	M156	X	3.571	3.571	0 %100
96	M156	Z	2.061	2.061	0 %100
97	M160	X	9.892	9.892	0 %100
98	M160	Z	5.711	5.711	0 %100
99	M161	X	9.892	9.892	0 %100
100	M161	Z	5.711	5.711	0 %100
101	M164	X	3.571	3.571	0 %100
102	M164	Z	2.061	2.061	0 %100
103	M169	X	0	0	0 %100
104	M169	Z	0	0	0 %100
105	M170	X	0	0	0 %100
106	M170	Z	0	0	0 %100
107	M173	X	14.282	14.282	0 %100
108	M173	Z	8.246	8.246	0 %100
109	M173A	X	5.953	5.953	0 %100
110	M173A	Z	3.437	3.437	0 %100
111	M174	X	9.819	9.819	0 %100
112	M174	Z	5.669	5.669	0 %100
113	M175	X	5.577	5.577	0 %100
114	M175	Z	3.22	3.22	0 %100
115	M176	X	9.819	9.819	0 %100



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 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,%]
116	M176	Z	5.669	5.669	0 %100
117	M177	X	6.27	6.27	0 %100
118	M177	Z	3.62	3.62	0 %100
119	M178	X	9.819	9.819	0 %100
120	M178	Z	5.669	5.669	0 %100
121	M179	X	5.504	5.504	0 %100
122	M179	Z	3.178	3.178	0 %100
123	M180	X	8.144	8.144	0 %100
124	M180	Z	4.702	4.702	0 %100
125	M181	X	9.819	9.819	0 %100
126	M181	Z	5.669	5.669	0 %100
127	M182	X	10.859	10.859	0 %100
128	M182	Z	6.27	6.27	0 %100
129	M183	X	9.819	9.819	0 %100
130	M183	Z	5.669	5.669	0 %100
131	M184	X	8.144	8.144	0 %100
132	M184	Z	4.702	4.702	0 %100
133	M185	X	9.819	9.819	0 %100
134	M185	Z	5.669	5.669	0 %100
135	M186	X	10.859	10.859	0 %100
136	M186	Z	6.27	6.27	0 %100
137	MP2A	X	7.737	7.737	0 %100
138	MP2A	Z	4.467	4.467	0 %100
139	MP3A	X	7.737	7.737	0 %100
140	MP3A	Z	4.467	4.467	0 %100
141	MP4A	X	7.737	7.737	0 %100
142	MP4A	Z	4.467	4.467	0 %100
143	MP1C	X	7.737	7.737	0 %100
144	MP1C	Z	4.467	4.467	0 %100
145	MP2C	X	7.737	7.737	0 %100
146	MP2C	Z	4.467	4.467	0 %100
147	MP3C	X	7.737	7.737	0 %100
148	MP3C	Z	4.467	4.467	0 %100
149	MP4C	X	7.737	7.737	0 %100
150	MP4C	Z	4.467	4.467	0 %100
151	MP1B	X	7.737	7.737	0 %100
152	MP1B	Z	4.467	4.467	0 %100
153	MP2B	X	7.737	7.737	0 %100
154	MP2B	Z	4.467	4.467	0 %100
155	MP3B	X	7.737	7.737	0 %100
156	MP3B	Z	4.467	4.467	0 %100
157	MP4B	X	7.737	7.737	0 %100
158	MP4B	Z	4.467	4.467	0 %100
159	M148B	X	6.327	6.327	0 %100
160	M148B	Z	3.653	3.653	0 %100
161	M153B	X	.679	.679	0 %100
162	M153B	Z	.392	.392	0 %100
163	M154B	X	.679	.679	0 %100
164	M154B	Z	.392	.392	0 %100
165	M159A	X	.679	.679	0 %100
166	M159A	Z	.392	.392	0 %100
167	M160A	X	.679	.679	0 %100
168	M160A	Z	.392	.392	0 %100
169	M162A	X	6.327	6.327	0 %100
170	M162A	Z	3.653	3.653	0 %100
171	M167A	X	1.266	1.266	0 %100
172	M167A	Z	.731	.731	0 %100



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 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, %]
173	M168A	X	1.266	1.266	0 %100
174	M168A	Z	.731	.731	0 %100
175	M173B	X	1.266	1.266	0 %100
176	M173B	Z	.731	.731	0 %100
177	M174A	X	1.266	1.266	0 %100
178	M174A	Z	.731	.731	0 %100
179	M176A	X	6.327	6.327	0 %100
180	M176A	Z	3.653	3.653	0 %100
181	M181A	X	.091	.091	0 %100
182	M181A	Z	.052	.052	0 %100
183	M182A	X	.091	.091	0 %100
184	M182A	Z	.052	.052	0 %100
185	M187B	X	.091	.091	0 %100
186	M187B	Z	.052	.052	0 %100
187	M188	X	.091	.091	0 %100
188	M188	Z	.052	.052	0 %100
189	M187C	X	5.965	5.965	0 %100
190	M187C	Z	3.444	3.444	0 %100
191	M190	X	5.965	5.965	0 %100
192	M190	Z	3.444	3.444	0 %100
193	M193	X	5.965	5.965	0 %100
194	M193	Z	3.444	3.444	0 %100
195	M198	X	7.737	7.737	0 %100
196	M198	Z	4.467	4.467	0 %100
197	M201	X	7.737	7.737	0 %100
198	M201	Z	4.467	4.467	0 %100
199	M204	X	7.737	7.737	0 %100
200	M204	Z	4.467	4.467	0 %100
201	M209	X	2.342	2.342	0 %100
202	M209	Z	1.352	1.352	0 %100
203	M214	X	2.342	2.342	0 %100
204	M214	Z	1.352	1.352	0 %100
205	M219	X	9.366	9.366	0 %100
206	M219	Z	5.407	5.407	0 %100
207	M226	X	3.36	3.36	0 %100
208	M226	Z	1.94	1.94	0 %100
209	M227	X	3.36	3.36	0 %100
210	M227	Z	1.94	1.94	0 %100
211	M228	X	13.441	13.441	0 %100
212	M228	Z	7.76	7.76	0 %100
213	M231	X	.305	.305	0 %100
214	M231	Z	.176	.176	0 %100
215	M233	X	.305	.305	0 %100
216	M233	Z	.176	.176	0 %100
217	M237	X	1.222	1.222	0 %100
218	M237	Z	.705	.705	0 %100
219	M242	X	9.631	9.631	0 %100
220	M242	Z	5.56	5.56	0 %100
221	M243	X	9.955	9.955	0 %100
222	M243	Z	5.747	5.747	0 %100
223	M244	X	10.565	10.565	0 %100
224	M244	Z	6.1	6.1	0 %100
225	M251A	X	10.565	10.565	0 %100
226	M251A	Z	6.1	6.1	0 %100
227	M253	X	10.565	10.565	0 %100
228	M253	Z	6.1	6.1	0 %100
229	M256	X	13.556	13.556	0 %100



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 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, %]
230	M256	Z	7.827	7.827	0	%100
231	M257	X	13.556	13.556	0	%100
232	M257	Z	7.827	7.827	0	%100
233	M258	X	10.805	10.805	0	%100
234	M258	Z	6.238	6.238	0	%100
235	M259	X	9.631	9.631	0	%100
236	M259	Z	5.56	5.56	0	%100
237	M260	X	9.955	9.955	0	%100
238	M260	Z	5.747	5.747	0	%100
239	M261	X	10.565	10.565	0	%100
240	M261	Z	6.1	6.1	0	%100
241	M262	X	5.946	5.946	0	%100
242	M262	Z	3.433	3.433	0	%100
243	M263	X	7.241	7.241	0	%100
244	M263	Z	4.181	4.181	0	%100
245	M264	X	10.565	10.565	0	%100
246	M264	Z	6.1	6.1	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M1	X	4.212	4.212	0	%100
2	M1	Z	7.296	7.296	0	%100
3	M2	X	3.514	3.514	0	%100
4	M2	Z	6.086	6.086	0	%100
5	M3	X	6.1	6.1	0	%100
6	M3	Z	10.565	10.565	0	%100
7	M6	X	1.881	1.881	0	%100
8	M6	Z	3.258	3.258	0	%100
9	M27	X	5.643	5.643	0	%100
10	M27	Z	9.773	9.773	0	%100
11	M33	X	5.643	5.643	0	%100
12	M33	Z	9.773	9.773	0	%100
13	M34	X	14.106	14.106	0	%100
14	M34	Z	24.433	24.433	0	%100
15	M35	X	14.106	14.106	0	%100
16	M35	Z	24.433	24.433	0	%100
17	MP1A	X	4.467	4.467	0	%100
18	MP1A	Z	7.737	7.737	0	%100
19	M147	X	1.904	1.904	0	%100
20	M147	Z	3.297	3.297	0	%100
21	M148	X	1.904	1.904	0	%100
22	M148	Z	3.297	3.297	0	%100
23	M103A	X	4.28	4.28	0	%100
24	M103A	Z	7.414	7.414	0	%100
25	M104A	X	5.669	5.669	0	%100
26	M104A	Z	9.819	9.819	0	%100
27	M101A	X	5.253	5.253	0	%100
28	M101A	Z	9.098	9.098	0	%100
29	M101B	X	5.669	5.669	0	%100
30	M101B	Z	9.819	9.819	0	%100
31	M102A	X	4.341	4.341	0	%100
32	M102A	Z	7.52	7.52	0	%100
33	M103B	X	5.669	5.669	0	%100
34	M103B	Z	9.819	9.819	0	%100
35	M104B	X	5.239	5.239	0	%100
36	M104B	Z	9.074	9.074	0	%100



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 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, %]
37	M110B	X	5.407	5.407	0 %100
38	M110B	Z	9.366	9.366	0 %100
39	M109B	X	5.643	5.643	0 %100
40	M109B	Z	9.773	9.773	0 %100
41	M110C	X	5.643	5.643	0 %100
42	M110C	Z	9.773	9.773	0 %100
43	M108A	X	0	0	0 %100
44	M108A	Z	0	0	0 %100
45	M109A	X	0	0	0 %100
46	M109A	Z	0	0	0 %100
47	M112A	X	5.643	5.643	0 %100
48	M112A	Z	9.773	9.773	0 %100
49	M113A	X	5.643	5.643	0 %100
50	M113A	Z	9.773	9.773	0 %100
51	M116A	X	0	0	0 %100
52	M116A	Z	0	0	0 %100
53	M117B	X	14.106	14.106	0 %100
54	M117B	Z	24.433	24.433	0 %100
55	M118A	X	1.881	1.881	0 %100
56	M118A	Z	3.258	3.258	0 %100
57	M118C	X	1.881	1.881	0 %100
58	M118C	Z	3.258	3.258	0 %100
59	M122A	X	0	0	0 %100
60	M122A	Z	0	0	0 %100
61	M123A	X	0	0	0 %100
62	M123A	Z	0	0	0 %100
63	M124A	X	0	0	0 %100
64	M124A	Z	0	0	0 %100
65	M127A	X	14.106	14.106	0 %100
66	M127A	Z	24.433	24.433	0 %100
67	M128A	X	5.643	5.643	0 %100
68	M128A	Z	9.773	9.773	0 %100
69	M129A	X	5.643	5.643	0 %100
70	M129A	Z	9.773	9.773	0 %100
71	M132A	X	16.849	16.849	0 %100
72	M132A	Z	29.184	29.184	0 %100
73	M133A	X	14.054	14.054	0 %100
74	M133A	Z	24.343	24.343	0 %100
75	M136B	X	7.523	7.523	0 %100
76	M136B	Z	13.031	13.031	0 %100
77	M140A	X	7.523	7.523	0 %100
78	M140A	Z	13.031	13.031	0 %100
79	M142A	X	7.523	7.523	0 %100
80	M142A	Z	13.031	13.031	0 %100
81	M144A	X	4.212	4.212	0 %100
82	M144A	Z	7.296	7.296	0 %100
83	M145B	X	3.514	3.514	0 %100
84	M145B	Z	6.086	6.086	0 %100
85	M148A	X	1.881	1.881	0 %100
86	M148A	Z	3.258	3.258	0 %100
87	M152	X	1.881	1.881	0 %100
88	M152	Z	3.258	3.258	0 %100
89	M154	X	1.881	1.881	0 %100
90	M154	Z	3.258	3.258	0 %100
91	M152A	X	5.407	5.407	0 %100
92	M152A	Z	9.366	9.366	0 %100
93	M153A	X	5.407	5.407	0 %100



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 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, %]
94	M153A	Z	9.366	9.366	0	%100
95	M156	X	6.184	6.184	0	%100
96	M156	Z	10.712	10.712	0	%100
97	M160	X	7.615	7.615	0	%100
98	M160	Z	13.189	13.189	0	%100
99	M161	X	7.615	7.615	0	%100
100	M161	Z	13.189	13.189	0	%100
101	M164	X	0	0	0	%100
102	M164	Z	0	0	0	%100
103	M169	X	1.904	1.904	0	%100
104	M169	Z	3.297	3.297	0	%100
105	M170	X	1.904	1.904	0	%100
106	M170	Z	3.297	3.297	0	%100
107	M173	X	6.184	6.184	0	%100
108	M173	Z	10.712	10.712	0	%100
109	M173A	X	3.015	3.015	0	%100
110	M173A	Z	5.222	5.222	0	%100
111	M174	X	5.669	5.669	0	%100
112	M174	Z	9.819	9.819	0	%100
113	M175	X	2.203	2.203	0	%100
114	M175	Z	3.816	3.816	0	%100
115	M176	X	5.669	5.669	0	%100
116	M176	Z	9.819	9.819	0	%100
117	M177	X	3.259	3.259	0	%100
118	M177	Z	5.645	5.645	0	%100
119	M178	X	5.669	5.669	0	%100
120	M178	Z	9.819	9.819	0	%100
121	M179	X	2.147	2.147	0	%100
122	M179	Z	3.719	3.719	0	%100
123	M180	X	4.28	4.28	0	%100
124	M180	Z	7.414	7.414	0	%100
125	M181	X	5.669	5.669	0	%100
126	M181	Z	9.819	9.819	0	%100
127	M182	X	5.253	5.253	0	%100
128	M182	Z	9.098	9.098	0	%100
129	M183	X	5.669	5.669	0	%100
130	M183	Z	9.819	9.819	0	%100
131	M184	X	4.341	4.341	0	%100
132	M184	Z	7.52	7.52	0	%100
133	M185	X	5.669	5.669	0	%100
134	M185	Z	9.819	9.819	0	%100
135	M186	X	5.239	5.239	0	%100
136	M186	Z	9.074	9.074	0	%100
137	MP2A	X	4.467	4.467	0	%100
138	MP2A	Z	7.737	7.737	0	%100
139	MP3A	X	4.467	4.467	0	%100
140	MP3A	Z	7.737	7.737	0	%100
141	MP4A	X	4.467	4.467	0	%100
142	MP4A	Z	7.737	7.737	0	%100
143	MP1C	X	4.467	4.467	0	%100
144	MP1C	Z	7.737	7.737	0	%100
145	MP2C	X	4.467	4.467	0	%100
146	MP2C	Z	7.737	7.737	0	%100
147	MP3C	X	4.467	4.467	0	%100
148	MP3C	Z	7.737	7.737	0	%100
149	MP4C	X	4.467	4.467	0	%100
150	MP4C	Z	7.737	7.737	0	%100



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 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, %]
151	MP1B	X	4.467	4.467	0 %100
152	MP1B	Z	7.737	7.737	0 %100
153	MP2B	X	4.467	4.467	0 %100
154	MP2B	Z	7.737	7.737	0 %100
155	MP3B	X	4.467	4.467	0 %100
156	MP3B	Z	7.737	7.737	0 %100
157	MP4B	X	4.467	4.467	0 %100
158	MP4B	Z	7.737	7.737	0 %100
159	M148B	X	3.653	3.653	0 %100
160	M148B	Z	6.327	6.327	0 %100
161	M153B	X	.052	.052	0 %100
162	M153B	Z	.091	.091	0 %100
163	M154B	X	.052	.052	0 %100
164	M154B	Z	.091	.091	0 %100
165	M159A	X	.052	.052	0 %100
166	M159A	Z	.091	.091	0 %100
167	M160A	X	.052	.052	0 %100
168	M160A	Z	.091	.091	0 %100
169	M162A	X	3.653	3.653	0 %100
170	M162A	Z	6.327	6.327	0 %100
171	M167A	X	.731	.731	0 %100
172	M167A	Z	1.266	1.266	0 %100
173	M168A	X	.731	.731	0 %100
174	M168A	Z	1.266	1.266	0 %100
175	M173B	X	.731	.731	0 %100
176	M173B	Z	1.266	1.266	0 %100
177	M174A	X	.731	.731	0 %100
178	M174A	Z	1.266	1.266	0 %100
179	M176A	X	3.653	3.653	0 %100
180	M176A	Z	6.327	6.327	0 %100
181	M181A	X	.392	.392	0 %100
182	M181A	Z	.679	.679	0 %100
183	M182A	X	.392	.392	0 %100
184	M182A	Z	.679	.679	0 %100
185	M187B	X	.392	.392	0 %100
186	M187B	Z	.679	.679	0 %100
187	M188	X	.392	.392	0 %100
188	M188	Z	.679	.679	0 %100
189	M187C	X	3.444	3.444	0 %100
190	M187C	Z	5.965	5.965	0 %100
191	M190	X	3.444	3.444	0 %100
192	M190	Z	5.965	5.965	0 %100
193	M193	X	3.444	3.444	0 %100
194	M193	Z	5.965	5.965	0 %100
195	M198	X	4.467	4.467	0 %100
196	M198	Z	7.737	7.737	0 %100
197	M201	X	4.467	4.467	0 %100
198	M201	Z	7.737	7.737	0 %100
199	M204	X	4.467	4.467	0 %100
200	M204	Z	7.737	7.737	0 %100
201	M209	X	4.056	4.056	0 %100
202	M209	Z	7.025	7.025	0 %100
203	M214	X	0	0	0 %100
204	M214	Z	0	0	0 %100
205	M219	X	4.056	4.056	0 %100
206	M219	Z	7.025	7.025	0 %100
207	M226	X	5.82	5.82	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.%]
208	M226	Z	10.081	10.081	0	%100
209	M227	X	0	0	0	%100
210	M227	Z	0	0	0	%100
211	M228	X	5.82	5.82	0	%100
212	M228	Z	10.081	10.081	0	%100
213	M231	X	.529	.529	0	%100
214	M231	Z	.916	.916	0	%100
215	M233	X	0	0	0	%100
216	M233	Z	0	0	0	%100
217	M237	X	.529	.529	0	%100
218	M237	Z	.916	.916	0	%100
219	M242	X	4.142	4.142	0	%100
220	M242	Z	7.174	7.174	0	%100
221	M243	X	4.703	4.703	0	%100
222	M243	Z	8.145	8.145	0	%100
223	M244	X	6.1	6.1	0	%100
224	M244	Z	10.565	10.565	0	%100
225	M251A	X	6.1	6.1	0	%100
226	M251A	Z	10.565	10.565	0	%100
227	M253	X	6.1	6.1	0	%100
228	M253	Z	10.565	10.565	0	%100
229	M256	X	6.768	6.768	0	%100
230	M256	Z	11.722	11.722	0	%100
231	M257	X	8.356	8.356	0	%100
232	M257	Z	14.473	14.473	0	%100
233	M258	X	6.768	6.768	0	%100
234	M258	Z	11.722	11.722	0	%100
235	M259	X	6.27	6.27	0	%100
236	M259	Z	10.859	10.859	0	%100
237	M260	X	6.27	6.27	0	%100
238	M260	Z	10.859	10.859	0	%100
239	M261	X	6.1	6.1	0	%100
240	M261	Z	10.565	10.565	0	%100
241	M262	X	4.142	4.142	0	%100
242	M262	Z	7.174	7.174	0	%100
243	M263	X	4.703	4.703	0	%100
244	M263	Z	8.145	8.145	0	%100
245	M264	X	6.1	6.1	0	%100
246	M264	Z	10.565	10.565	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%]	End Location[ft.%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	12.2	12.2	0	%100
7	M6	X	0	0	0	%100
8	M6	Z	0	0	0	%100
9	M27	X	0	0	0	%100
10	M27	Z	15.047	15.047	0	%100
11	M33	X	0	0	0	%100
12	M33	Z	15.047	15.047	0	%100
13	M34	X	0	0	0	%100
14	M34	Z	37.617	37.617	0	%100



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 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, %]	
15	M35	X	0	0	0	%100
16	M35	Z	37.617	37.617	0	%100
17	MP1A	X	0	0	0	%100
18	MP1A	Z	8.934	8.934	0	%100
19	M147	X	0	0	0	%100
20	M147	Z	0	0	0	%100
21	M148	X	0	0	0	%100
22	M148	Z	0	0	0	%100
23	M103A	X	0	0	0	%100
24	M103A	Z	9.404	9.404	0	%100
25	M104A	X	0	0	0	%100
26	M104A	Z	11.337	11.337	0	%100
27	M101A	X	0	0	0	%100
28	M101A	Z	12.539	12.539	0	%100
29	M101B	X	0	0	0	%100
30	M101B	Z	11.337	11.337	0	%100
31	M102A	X	0	0	0	%100
32	M102A	Z	9.404	9.404	0	%100
33	M103B	X	0	0	0	%100
34	M103B	Z	11.337	11.337	0	%100
35	M104B	X	0	0	0	%100
36	M104B	Z	12.539	12.539	0	%100
37	M110B	X	0	0	0	%100
38	M110B	Z	10.815	10.815	0	%100
39	M109B	X	0	0	0	%100
40	M109B	Z	15.047	15.047	0	%100
41	M110C	X	0	0	0	%100
42	M110C	Z	15.047	15.047	0	%100
43	M108A	X	0	0	0	%100
44	M108A	Z	3.762	3.762	0	%100
45	M109A	X	0	0	0	%100
46	M109A	Z	3.762	3.762	0	%100
47	M112A	X	0	0	0	%100
48	M112A	Z	3.762	3.762	0	%100
49	M113A	X	0	0	0	%100
50	M113A	Z	3.762	3.762	0	%100
51	M116A	X	0	0	0	%100
52	M116A	Z	9.404	9.404	0	%100
53	M117B	X	0	0	0	%100
54	M117B	Z	9.404	9.404	0	%100
55	M118A	X	0	0	0	%100
56	M118A	Z	0	0	0	%100
57	M118C	X	0	0	0	%100
58	M118C	Z	0	0	0	%100
59	M122A	X	0	0	0	%100
60	M122A	Z	9.404	9.404	0	%100
61	M123A	X	0	0	0	%100
62	M123A	Z	3.762	3.762	0	%100
63	M124A	X	0	0	0	%100
64	M124A	Z	3.762	3.762	0	%100
65	M127A	X	0	0	0	%100
66	M127A	Z	9.404	9.404	0	%100
67	M128A	X	0	0	0	%100
68	M128A	Z	3.762	3.762	0	%100
69	M129A	X	0	0	0	%100
70	M129A	Z	3.762	3.762	0	%100
71	M132A	X	0	0	0	%100



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 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,%]
72	M132A	Z	25.274	25.274	0 %100
73	M133A	X	0	0	0 %100
74	M133A	Z	21.081	21.081	0 %100
75	M136B	X	0	0	0 %100
76	M136B	Z	11.285	11.285	0 %100
77	M140A	X	0	0	0 %100
78	M140A	Z	11.285	11.285	0 %100
79	M142A	X	0	0	0 %100
80	M142A	Z	11.285	11.285	0 %100
81	M144A	X	0	0	0 %100
82	M144A	Z	25.274	25.274	0 %100
83	M145B	X	0	0	0 %100
84	M145B	Z	21.081	21.081	0 %100
85	M148A	X	0	0	0 %100
86	M148A	Z	11.285	11.285	0 %100
87	M152	X	0	0	0 %100
88	M152	Z	11.285	11.285	0 %100
89	M154	X	0	0	0 %100
90	M154	Z	11.285	11.285	0 %100
91	M152A	X	0	0	0 %100
92	M152A	Z	10.815	10.815	0 %100
93	M153A	X	0	0	0 %100
94	M153A	Z	10.815	10.815	0 %100
95	M156	X	0	0	0 %100
96	M156	Z	16.492	16.492	0 %100
97	M160	X	0	0	0 %100
98	M160	Z	11.422	11.422	0 %100
99	M161	X	0	0	0 %100
100	M161	Z	11.422	11.422	0 %100
101	M164	X	0	0	0 %100
102	M164	Z	4.123	4.123	0 %100
103	M169	X	0	0	0 %100
104	M169	Z	11.422	11.422	0 %100
105	M170	X	0	0	0 %100
106	M170	Z	11.422	11.422	0 %100
107	M173	X	0	0	0 %100
108	M173	Z	4.123	4.123	0 %100
109	M173A	X	0	0	0 %100
110	M173A	Z	6.874	6.874	0 %100
111	M174	X	0	0	0 %100
112	M174	Z	11.337	11.337	0 %100
113	M175	X	0	0	0 %100
114	M175	Z	6.44	6.44	0 %100
115	M176	X	0	0	0 %100
116	M176	Z	11.337	11.337	0 %100
117	M177	X	0	0	0 %100
118	M177	Z	7.24	7.24	0 %100
119	M178	X	0	0	0 %100
120	M178	Z	11.337	11.337	0 %100
121	M179	X	0	0	0 %100
122	M179	Z	6.355	6.355	0 %100
123	M180	X	0	0	0 %100
124	M180	Z	6.874	6.874	0 %100
125	M181	X	0	0	0 %100
126	M181	Z	11.337	11.337	0 %100
127	M182	X	0	0	0 %100
128	M182	Z	6.44	6.44	0 %100



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 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, %]
129	M183	X	0	0	%100
130	M183	Z	11.337	11.337	%100
131	M184	X	0	0	%100
132	M184	Z	7.24	7.24	%100
133	M185	X	0	0	%100
134	M185	Z	11.337	11.337	%100
135	M186	X	0	0	%100
136	M186	Z	6.355	6.355	%100
137	MP2A	X	0	0	%100
138	MP2A	Z	8.934	8.934	%100
139	MP3A	X	0	0	%100
140	MP3A	Z	8.934	8.934	%100
141	MP4A	X	0	0	%100
142	MP4A	Z	8.934	8.934	%100
143	MP1C	X	0	0	%100
144	MP1C	Z	8.934	8.934	%100
145	MP2C	X	0	0	%100
146	MP2C	Z	8.934	8.934	%100
147	MP3C	X	0	0	%100
148	MP3C	Z	8.934	8.934	%100
149	MP4C	X	0	0	%100
150	MP4C	Z	8.934	8.934	%100
151	MP1B	X	0	0	%100
152	MP1B	Z	8.934	8.934	%100
153	MP2B	X	0	0	%100
154	MP2B	Z	8.934	8.934	%100
155	MP3B	X	0	0	%100
156	MP3B	Z	8.934	8.934	%100
157	MP4B	X	0	0	%100
158	MP4B	Z	8.934	8.934	%100
159	M148B	X	0	0	%100
160	M148B	Z	7.306	7.306	%100
161	M153B	X	0	0	%100
162	M153B	Z	.105	.105	%100
163	M154B	X	0	0	%100
164	M154B	Z	.105	.105	%100
165	M159A	X	0	0	%100
166	M159A	Z	.105	.105	%100
167	M160A	X	0	0	%100
168	M160A	Z	.105	.105	%100
169	M162A	X	0	0	%100
170	M162A	Z	7.306	7.306	%100
171	M167A	X	0	0	%100
172	M167A	Z	.784	.784	%100
173	M168A	X	0	0	%100
174	M168A	Z	.784	.784	%100
175	M173B	X	0	0	%100
176	M173B	Z	.784	.784	%100
177	M174A	X	0	0	%100
178	M174A	Z	.784	.784	%100
179	M176A	X	0	0	%100
180	M176A	Z	7.306	7.306	%100
181	M181A	X	0	0	%100
182	M181A	Z	1.462	1.462	%100
183	M182A	X	0	0	%100
184	M182A	Z	1.462	1.462	%100
185	M187B	X	0	0	%100



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 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,%]
186	M187B	Z	1.462	1.462	0 %100
187	M188	X	0	0	0 %100
188	M188	Z	1.462	1.462	0 %100
189	M187C	X	0	0	0 %100
190	M187C	Z	6.888	6.888	0 %100
191	M190	X	0	0	0 %100
192	M190	Z	6.888	6.888	0 %100
193	M193	X	0	0	0 %100
194	M193	Z	6.888	6.888	0 %100
195	M198	X	0	0	0 %100
196	M198	Z	8.934	8.934	0 %100
197	M201	X	0	0	0 %100
198	M201	Z	8.934	8.934	0 %100
199	M204	X	0	0	0 %100
200	M204	Z	8.934	8.934	0 %100
201	M209	X	0	0	0 %100
202	M209	Z	10.815	10.815	0 %100
203	M214	X	0	0	0 %100
204	M214	Z	2.704	2.704	0 %100
205	M219	X	0	0	0 %100
206	M219	Z	2.704	2.704	0 %100
207	M226	X	0	0	0 %100
208	M226	Z	15.52	15.52	0 %100
209	M227	X	0	0	0 %100
210	M227	Z	3.88	3.88	0 %100
211	M228	X	0	0	0 %100
212	M228	Z	3.88	3.88	0 %100
213	M231	X	0	0	0 %100
214	M231	Z	1.411	1.411	0 %100
215	M233	X	0	0	0 %100
216	M233	Z	.353	.353	0 %100
217	M237	X	0	0	0 %100
218	M237	Z	.353	.353	0 %100
219	M242	X	0	0	0 %100
220	M242	Z	6.865	6.865	0 %100
221	M243	X	0	0	0 %100
222	M243	Z	8.361	8.361	0 %100
223	M244	X	0	0	0 %100
224	M244	Z	12.2	12.2	0 %100
225	M251A	X	0	0	0 %100
226	M251A	Z	12.2	12.2	0 %100
227	M253	X	0	0	0 %100
228	M253	Z	12.2	12.2	0 %100
229	M256	X	0	0	0 %100
230	M256	Z	12.476	12.476	0 %100
231	M257	X	0	0	0 %100
232	M257	Z	15.653	15.653	0 %100
233	M258	X	0	0	0 %100
234	M258	Z	15.653	15.653	0 %100
235	M259	X	0	0	0 %100
236	M259	Z	11.121	11.121	0 %100
237	M260	X	0	0	0 %100
238	M260	Z	11.495	11.495	0 %100
239	M261	X	0	0	0 %100
240	M261	Z	12.2	12.2	0 %100
241	M262	X	0	0	0 %100
242	M262	Z	11.121	11.121	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.%]
243	M263	X	0	0	0	%100
244	M263	Z	11.495	11.495	0	%100
245	M264	X	0	0	0	%100
246	M264	Z	12.2	12.2	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%]	End Location[ft.%]
1	M1	X	-4.212	-4.212	0	%100
2	M1	Z	7.296	7.296	0	%100
3	M2	X	-3.514	-3.514	0	%100
4	M2	Z	6.086	6.086	0	%100
5	M3	X	-6.1	-6.1	0	%100
6	M3	Z	10.565	10.565	0	%100
7	M6	X	-1.881	-1.881	0	%100
8	M6	Z	3.258	3.258	0	%100
9	M27	X	-5.643	-5.643	0	%100
10	M27	Z	9.773	9.773	0	%100
11	M33	X	-5.643	-5.643	0	%100
12	M33	Z	9.773	9.773	0	%100
13	M34	X	-14.106	-14.106	0	%100
14	M34	Z	24.433	24.433	0	%100
15	M35	X	-14.106	-14.106	0	%100
16	M35	Z	24.433	24.433	0	%100
17	MP1A	X	-4.467	-4.467	0	%100
18	MP1A	Z	7.737	7.737	0	%100
19	M147	X	-1.904	-1.904	0	%100
20	M147	Z	3.297	3.297	0	%100
21	M148	X	-1.904	-1.904	0	%100
22	M148	Z	3.297	3.297	0	%100
23	M103A	X	-4.28	-4.28	0	%100
24	M103A	Z	7.414	7.414	0	%100
25	M104A	X	-5.669	-5.669	0	%100
26	M104A	Z	9.819	9.819	0	%100
27	M101A	X	-5.253	-5.253	0	%100
28	M101A	Z	9.098	9.098	0	%100
29	M101B	X	-5.669	-5.669	0	%100
30	M101B	Z	9.819	9.819	0	%100
31	M102A	X	-4.341	-4.341	0	%100
32	M102A	Z	7.52	7.52	0	%100
33	M103B	X	-5.669	-5.669	0	%100
34	M103B	Z	9.819	9.819	0	%100
35	M104B	X	-5.239	-5.239	0	%100
36	M104B	Z	9.074	9.074	0	%100
37	M110B	X	-5.407	-5.407	0	%100
38	M110B	Z	9.366	9.366	0	%100
39	M109B	X	-5.643	-5.643	0	%100
40	M109B	Z	9.773	9.773	0	%100
41	M110C	X	-5.643	-5.643	0	%100
42	M110C	Z	9.773	9.773	0	%100
43	M108A	X	-5.643	-5.643	0	%100
44	M108A	Z	9.773	9.773	0	%100
45	M109A	X	-5.643	-5.643	0	%100
46	M109A	Z	9.773	9.773	0	%100
47	M112A	X	0	0	0	%100
48	M112A	Z	0	0	0	%100
49	M113A	X	0	0	0	%100



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 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, %]	
50	M113A	Z	0	0	0	%100
51	M116A	X	-14.106	-14.106	0	%100
52	M116A	Z	24.433	24.433	0	%100
53	M117B	X	0	0	0	%100
54	M117B	Z	0	0	0	%100
55	M118A	X	-1.881	-1.881	0	%100
56	M118A	Z	3.258	3.258	0	%100
57	M118C	X	-1.881	-1.881	0	%100
58	M118C	Z	3.258	3.258	0	%100
59	M122A	X	-14.106	-14.106	0	%100
60	M122A	Z	24.433	24.433	0	%100
61	M123A	X	-5.643	-5.643	0	%100
62	M123A	Z	9.773	9.773	0	%100
63	M124A	X	-5.643	-5.643	0	%100
64	M124A	Z	9.773	9.773	0	%100
65	M127A	X	0	0	0	%100
66	M127A	Z	0	0	0	%100
67	M128A	X	0	0	0	%100
68	M128A	Z	0	0	0	%100
69	M129A	X	0	0	0	%100
70	M129A	Z	0	0	0	%100
71	M132A	X	-4.212	-4.212	0	%100
72	M132A	Z	7.296	7.296	0	%100
73	M133A	X	-3.514	-3.514	0	%100
74	M133A	Z	6.086	6.086	0	%100
75	M136B	X	-1.881	-1.881	0	%100
76	M136B	Z	3.258	3.258	0	%100
77	M140A	X	-1.881	-1.881	0	%100
78	M140A	Z	3.258	3.258	0	%100
79	M142A	X	-1.881	-1.881	0	%100
80	M142A	Z	3.258	3.258	0	%100
81	M144A	X	-16.849	-16.849	0	%100
82	M144A	Z	29.184	29.184	0	%100
83	M145B	X	-14.054	-14.054	0	%100
84	M145B	Z	24.343	24.343	0	%100
85	M148A	X	-7.523	-7.523	0	%100
86	M148A	Z	13.031	13.031	0	%100
87	M152	X	-7.523	-7.523	0	%100
88	M152	Z	13.031	13.031	0	%100
89	M154	X	-7.523	-7.523	0	%100
90	M154	Z	13.031	13.031	0	%100
91	M152A	X	-5.407	-5.407	0	%100
92	M152A	Z	9.366	9.366	0	%100
93	M153A	X	-5.407	-5.407	0	%100
94	M153A	Z	9.366	9.366	0	%100
95	M156	X	-6.184	-6.184	0	%100
96	M156	Z	10.712	10.712	0	%100
97	M160	X	-1.904	-1.904	0	%100
98	M160	Z	3.297	3.297	0	%100
99	M161	X	-1.904	-1.904	0	%100
100	M161	Z	3.297	3.297	0	%100
101	M164	X	-6.184	-6.184	0	%100
102	M164	Z	10.712	10.712	0	%100
103	M169	X	-7.615	-7.615	0	%100
104	M169	Z	13.189	13.189	0	%100
105	M170	X	-7.615	-7.615	0	%100
106	M170	Z	13.189	13.189	0	%100



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 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, %]	
107	M173	X	0	0	0	%100
108	M173	Z	0	0	0	%100
109	M173A	X	-4.28	-4.28	0	%100
110	M173A	Z	7.414	7.414	0	%100
111	M174	X	-5.669	-5.669	0	%100
112	M174	Z	9.819	9.819	0	%100
113	M175	X	-5.253	-5.253	0	%100
114	M175	Z	9.098	9.098	0	%100
115	M176	X	-5.669	-5.669	0	%100
116	M176	Z	9.819	9.819	0	%100
117	M177	X	-4.341	-4.341	0	%100
118	M177	Z	7.52	7.52	0	%100
119	M178	X	-5.669	-5.669	0	%100
120	M178	Z	9.819	9.819	0	%100
121	M179	X	-5.239	-5.239	0	%100
122	M179	Z	9.074	9.074	0	%100
123	M180	X	-3.015	-3.015	0	%100
124	M180	Z	5.222	5.222	0	%100
125	M181	X	-5.669	-5.669	0	%100
126	M181	Z	9.819	9.819	0	%100
127	M182	X	-2.203	-2.203	0	%100
128	M182	Z	3.816	3.816	0	%100
129	M183	X	-5.669	-5.669	0	%100
130	M183	Z	9.819	9.819	0	%100
131	M184	X	-3.259	-3.259	0	%100
132	M184	Z	5.645	5.645	0	%100
133	M185	X	-5.669	-5.669	0	%100
134	M185	Z	9.819	9.819	0	%100
135	M186	X	-2.147	-2.147	0	%100
136	M186	Z	3.719	3.719	0	%100
137	MP2A	X	-4.467	-4.467	0	%100
138	MP2A	Z	7.737	7.737	0	%100
139	MP3A	X	-4.467	-4.467	0	%100
140	MP3A	Z	7.737	7.737	0	%100
141	MP4A	X	-4.467	-4.467	0	%100
142	MP4A	Z	7.737	7.737	0	%100
143	MP1C	X	-4.467	-4.467	0	%100
144	MP1C	Z	7.737	7.737	0	%100
145	MP2C	X	-4.467	-4.467	0	%100
146	MP2C	Z	7.737	7.737	0	%100
147	MP3C	X	-4.467	-4.467	0	%100
148	MP3C	Z	7.737	7.737	0	%100
149	MP4C	X	-4.467	-4.467	0	%100
150	MP4C	Z	7.737	7.737	0	%100
151	MP1B	X	-4.467	-4.467	0	%100
152	MP1B	Z	7.737	7.737	0	%100
153	MP2B	X	-4.467	-4.467	0	%100
154	MP2B	Z	7.737	7.737	0	%100
155	MP3B	X	-4.467	-4.467	0	%100
156	MP3B	Z	7.737	7.737	0	%100
157	MP4B	X	-4.467	-4.467	0	%100
158	MP4B	Z	7.737	7.737	0	%100
159	M148B	X	-3.653	-3.653	0	%100
160	M148B	Z	6.327	6.327	0	%100
161	M153B	X	-.392	-.392	0	%100
162	M153B	Z	.679	.679	0	%100
163	M154B	X	-.392	-.392	0	%100



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 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, %]
164	M154B	Z	.679	.679	0 %100
165	M159A	X	-.392	-.392	0 %100
166	M159A	Z	.679	.679	0 %100
167	M160A	X	-.392	-.392	0 %100
168	M160A	Z	.679	.679	0 %100
169	M162A	X	-3.653	-3.653	0 %100
170	M162A	Z	6.327	6.327	0 %100
171	M167A	X	-.052	-.052	0 %100
172	M167A	Z	.091	.091	0 %100
173	M168A	X	-.052	-.052	0 %100
174	M168A	Z	.091	.091	0 %100
175	M173B	X	-.052	-.052	0 %100
176	M173B	Z	.091	.091	0 %100
177	M174A	X	-.052	-.052	0 %100
178	M174A	Z	.091	.091	0 %100
179	M176A	X	-3.653	-3.653	0 %100
180	M176A	Z	6.327	6.327	0 %100
181	M181A	X	-.731	-.731	0 %100
182	M181A	Z	1.266	1.266	0 %100
183	M182A	X	-.731	-.731	0 %100
184	M182A	Z	1.266	1.266	0 %100
185	M187B	X	-.731	-.731	0 %100
186	M187B	Z	1.266	1.266	0 %100
187	M188	X	-.731	-.731	0 %100
188	M188	Z	1.266	1.266	0 %100
189	M187C	X	-3.444	-3.444	0 %100
190	M187C	Z	5.965	5.965	0 %100
191	M190	X	-3.444	-3.444	0 %100
192	M190	Z	5.965	5.965	0 %100
193	M193	X	-3.444	-3.444	0 %100
194	M193	Z	5.965	5.965	0 %100
195	M198	X	-4.467	-4.467	0 %100
196	M198	Z	7.737	7.737	0 %100
197	M201	X	-4.467	-4.467	0 %100
198	M201	Z	7.737	7.737	0 %100
199	M204	X	-4.467	-4.467	0 %100
200	M204	Z	7.737	7.737	0 %100
201	M209	X	-4.056	-4.056	0 %100
202	M209	Z	7.025	7.025	0 %100
203	M214	X	-4.056	-4.056	0 %100
204	M214	Z	7.025	7.025	0 %100
205	M219	X	0	0	0 %100
206	M219	Z	0	0	0 %100
207	M226	X	-5.82	-5.82	0 %100
208	M226	Z	10.081	10.081	0 %100
209	M227	X	-5.82	-5.82	0 %100
210	M227	Z	10.081	10.081	0 %100
211	M228	X	0	0	0 %100
212	M228	Z	0	0	0 %100
213	M231	X	-.529	-.529	0 %100
214	M231	Z	.916	.916	0 %100
215	M233	X	-.529	-.529	0 %100
216	M233	Z	.916	.916	0 %100
217	M237	X	0	0	0 %100
218	M237	Z	0	0	0 %100
219	M242	X	-4.142	-4.142	0 %100
220	M242	Z	7.174	7.174	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, %]
221	M243	X	-4.703	-4.703	0	%100
222	M243	Z	8.145	8.145	0	%100
223	M244	X	-6.1	-6.1	0	%100
224	M244	Z	10.565	10.565	0	%100
225	M251A	X	-6.1	-6.1	0	%100
226	M251A	Z	10.565	10.565	0	%100
227	M253	X	-6.1	-6.1	0	%100
228	M253	Z	10.565	10.565	0	%100
229	M256	X	-6.768	-6.768	0	%100
230	M256	Z	11.722	11.722	0	%100
231	M257	X	-6.768	-6.768	0	%100
232	M257	Z	11.722	11.722	0	%100
233	M258	X	-8.356	-8.356	0	%100
234	M258	Z	14.473	14.473	0	%100
235	M259	X	-4.142	-4.142	0	%100
236	M259	Z	7.174	7.174	0	%100
237	M260	X	-4.703	-4.703	0	%100
238	M260	Z	8.145	8.145	0	%100
239	M261	X	-6.1	-6.1	0	%100
240	M261	Z	10.565	10.565	0	%100
241	M262	X	-6.27	-6.27	0	%100
242	M262	Z	10.859	10.859	0	%100
243	M263	X	-6.27	-6.27	0	%100
244	M263	Z	10.859	10.859	0	%100
245	M264	X	-6.1	-6.1	0	%100
246	M264	Z	10.565	10.565	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	-21.888	-21.888	0	%100
2	M1	Z	12.637	12.637	0	%100
3	M2	X	-18.257	-18.257	0	%100
4	M2	Z	10.541	10.541	0	%100
5	M3	X	-10.565	-10.565	0	%100
6	M3	Z	6.1	6.1	0	%100
7	M6	X	-9.773	-9.773	0	%100
8	M6	Z	5.643	5.643	0	%100
9	M27	X	-3.258	-3.258	0	%100
10	M27	Z	1.881	1.881	0	%100
11	M33	X	-3.258	-3.258	0	%100
12	M33	Z	1.881	1.881	0	%100
13	M34	X	-8.144	-8.144	0	%100
14	M34	Z	4.702	4.702	0	%100
15	M35	X	-8.144	-8.144	0	%100
16	M35	Z	4.702	4.702	0	%100
17	MP1A	X	-7.737	-7.737	0	%100
18	MP1A	Z	4.467	4.467	0	%100
19	M147	X	-9.892	-9.892	0	%100
20	M147	Z	5.711	5.711	0	%100
21	M148	X	-9.892	-9.892	0	%100
22	M148	Z	5.711	5.711	0	%100
23	M103A	X	-5.953	-5.953	0	%100
24	M103A	Z	3.437	3.437	0	%100
25	M104A	X	-9.819	-9.819	0	%100
26	M104A	Z	5.669	5.669	0	%100
27	M101A	X	-5.577	-5.577	0	%100



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 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,%]
28	M101A	Z	3.22	3.22	0	%100
29	M101B	X	-9.819	-9.819	0	%100
30	M101B	Z	5.669	5.669	0	%100
31	M102A	X	-6.27	-6.27	0	%100
32	M102A	Z	3.62	3.62	0	%100
33	M103B	X	-9.819	-9.819	0	%100
34	M103B	Z	5.669	5.669	0	%100
35	M104B	X	-5.504	-5.504	0	%100
36	M104B	Z	3.178	3.178	0	%100
37	M110B	X	-9.366	-9.366	0	%100
38	M110B	Z	5.407	5.407	0	%100
39	M109B	X	-3.258	-3.258	0	%100
40	M109B	Z	1.881	1.881	0	%100
41	M110C	X	-3.258	-3.258	0	%100
42	M110C	Z	1.881	1.881	0	%100
43	M108A	X	-13.031	-13.031	0	%100
44	M108A	Z	7.523	7.523	0	%100
45	M109A	X	-13.031	-13.031	0	%100
46	M109A	Z	7.523	7.523	0	%100
47	M112A	X	-3.258	-3.258	0	%100
48	M112A	Z	1.881	1.881	0	%100
49	M113A	X	-3.258	-3.258	0	%100
50	M113A	Z	1.881	1.881	0	%100
51	M116A	X	-32.578	-32.578	0	%100
52	M116A	Z	18.809	18.809	0	%100
53	M117B	X	-8.144	-8.144	0	%100
54	M117B	Z	4.702	4.702	0	%100
55	M118A	X	-9.773	-9.773	0	%100
56	M118A	Z	5.643	5.643	0	%100
57	M118C	X	-9.773	-9.773	0	%100
58	M118C	Z	5.643	5.643	0	%100
59	M122A	X	-32.578	-32.578	0	%100
60	M122A	Z	18.809	18.809	0	%100
61	M123A	X	-13.031	-13.031	0	%100
62	M123A	Z	7.523	7.523	0	%100
63	M124A	X	-13.031	-13.031	0	%100
64	M124A	Z	7.523	7.523	0	%100
65	M127A	X	-8.144	-8.144	0	%100
66	M127A	Z	4.702	4.702	0	%100
67	M128A	X	-3.258	-3.258	0	%100
68	M128A	Z	1.881	1.881	0	%100
69	M129A	X	-3.258	-3.258	0	%100
70	M129A	Z	1.881	1.881	0	%100
71	M132A	X	0	0	0	%100
72	M132A	Z	0	0	0	%100
73	M133A	X	0	0	0	%100
74	M133A	Z	0	0	0	%100
75	M136B	X	0	0	0	%100
76	M136B	Z	0	0	0	%100
77	M140A	X	0	0	0	%100
78	M140A	Z	0	0	0	%100
79	M142A	X	0	0	0	%100
80	M142A	Z	0	0	0	%100
81	M144A	X	-21.888	-21.888	0	%100
82	M144A	Z	12.637	12.637	0	%100
83	M145B	X	-18.257	-18.257	0	%100
84	M145B	Z	10.541	10.541	0	%100



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 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, %]
85	M148A	X	-9.773	-9.773	0 %100
86	M148A	Z	5.643	5.643	0 %100
87	M152	X	-9.773	-9.773	0 %100
88	M152	Z	5.643	5.643	0 %100
89	M154	X	-9.773	-9.773	0 %100
90	M154	Z	5.643	5.643	0 %100
91	M152A	X	-9.366	-9.366	0 %100
92	M152A	Z	5.407	5.407	0 %100
93	M153A	X	-9.366	-9.366	0 %100
94	M153A	Z	5.407	5.407	0 %100
95	M156	X	-3.571	-3.571	0 %100
96	M156	Z	2.061	2.061	0 %100
97	M160	X	0	0	0 %100
98	M160	Z	0	0	0 %100
99	M161	X	0	0	0 %100
100	M161	Z	0	0	0 %100
101	M164	X	-14.282	-14.282	0 %100
102	M164	Z	8.246	8.246	0 %100
103	M169	X	-9.892	-9.892	0 %100
104	M169	Z	5.711	5.711	0 %100
105	M170	X	-9.892	-9.892	0 %100
106	M170	Z	5.711	5.711	0 %100
107	M173	X	-3.571	-3.571	0 %100
108	M173	Z	2.061	2.061	0 %100
109	M173A	X	-8.144	-8.144	0 %100
110	M173A	Z	4.702	4.702	0 %100
111	M174	X	-9.819	-9.819	0 %100
112	M174	Z	5.669	5.669	0 %100
113	M175	X	-10.859	-10.859	0 %100
114	M175	Z	6.27	6.27	0 %100
115	M176	X	-9.819	-9.819	0 %100
116	M176	Z	5.669	5.669	0 %100
117	M177	X	-8.144	-8.144	0 %100
118	M177	Z	4.702	4.702	0 %100
119	M178	X	-9.819	-9.819	0 %100
120	M178	Z	5.669	5.669	0 %100
121	M179	X	-10.859	-10.859	0 %100
122	M179	Z	6.27	6.27	0 %100
123	M180	X	-5.953	-5.953	0 %100
124	M180	Z	3.437	3.437	0 %100
125	M181	X	-9.819	-9.819	0 %100
126	M181	Z	5.669	5.669	0 %100
127	M182	X	-5.577	-5.577	0 %100
128	M182	Z	3.22	3.22	0 %100
129	M183	X	-9.819	-9.819	0 %100
130	M183	Z	5.669	5.669	0 %100
131	M184	X	-6.27	-6.27	0 %100
132	M184	Z	3.62	3.62	0 %100
133	M185	X	-9.819	-9.819	0 %100
134	M185	Z	5.669	5.669	0 %100
135	M186	X	-5.504	-5.504	0 %100
136	M186	Z	3.178	3.178	0 %100
137	MP2A	X	-7.737	-7.737	0 %100
138	MP2A	Z	4.467	4.467	0 %100
139	MP3A	X	-7.737	-7.737	0 %100
140	MP3A	Z	4.467	4.467	0 %100
141	MP4A	X	-7.737	-7.737	0 %100



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 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, %]
142	MP4A	Z	4.467	4.467	0 %100
143	MP1C	X	-7.737	-7.737	0 %100
144	MP1C	Z	4.467	4.467	0 %100
145	MP2C	X	-7.737	-7.737	0 %100
146	MP2C	Z	4.467	4.467	0 %100
147	MP3C	X	-7.737	-7.737	0 %100
148	MP3C	Z	4.467	4.467	0 %100
149	MP4C	X	-7.737	-7.737	0 %100
150	MP4C	Z	4.467	4.467	0 %100
151	MP1B	X	-7.737	-7.737	0 %100
152	MP1B	Z	4.467	4.467	0 %100
153	MP2B	X	-7.737	-7.737	0 %100
154	MP2B	Z	4.467	4.467	0 %100
155	MP3B	X	-7.737	-7.737	0 %100
156	MP3B	Z	4.467	4.467	0 %100
157	MP4B	X	-7.737	-7.737	0 %100
158	MP4B	Z	4.467	4.467	0 %100
159	M148B	X	-6.327	-6.327	0 %100
160	M148B	Z	3.653	3.653	0 %100
161	M153B	X	-1.266	-1.266	0 %100
162	M153B	Z	.731	.731	0 %100
163	M154B	X	-1.266	-1.266	0 %100
164	M154B	Z	.731	.731	0 %100
165	M159A	X	-1.266	-1.266	0 %100
166	M159A	Z	.731	.731	0 %100
167	M160A	X	-1.266	-1.266	0 %100
168	M160A	Z	.731	.731	0 %100
169	M162A	X	-6.327	-6.327	0 %100
170	M162A	Z	3.653	3.653	0 %100
171	M167A	X	-.091	-.091	0 %100
172	M167A	Z	.052	.052	0 %100
173	M168A	X	-.091	-.091	0 %100
174	M168A	Z	.052	.052	0 %100
175	M173B	X	-.091	-.091	0 %100
176	M173B	Z	.052	.052	0 %100
177	M174A	X	-.091	-.091	0 %100
178	M174A	Z	.052	.052	0 %100
179	M176A	X	-6.327	-6.327	0 %100
180	M176A	Z	3.653	3.653	0 %100
181	M181A	X	-.679	-.679	0 %100
182	M181A	Z	.392	.392	0 %100
183	M182A	X	-.679	-.679	0 %100
184	M182A	Z	.392	.392	0 %100
185	M187B	X	-.679	-.679	0 %100
186	M187B	Z	.392	.392	0 %100
187	M188	X	-.679	-.679	0 %100
188	M188	Z	.392	.392	0 %100
189	M187C	X	-5.965	-5.965	0 %100
190	M187C	Z	3.444	3.444	0 %100
191	M190	X	-5.965	-5.965	0 %100
192	M190	Z	3.444	3.444	0 %100
193	M193	X	-5.965	-5.965	0 %100
194	M193	Z	3.444	3.444	0 %100
195	M198	X	-7.737	-7.737	0 %100
196	M198	Z	4.467	4.467	0 %100
197	M201	X	-7.737	-7.737	0 %100
198	M201	Z	4.467	4.467	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, %]
199	M204	X	-7.737	-7.737	0	%100
200	M204	Z	4.467	4.467	0	%100
201	M209	X	-2.342	-2.342	0	%100
202	M209	Z	1.352	1.352	0	%100
203	M214	X	-9.366	-9.366	0	%100
204	M214	Z	5.407	5.407	0	%100
205	M219	X	-2.342	-2.342	0	%100
206	M219	Z	1.352	1.352	0	%100
207	M226	X	-3.36	-3.36	0	%100
208	M226	Z	1.94	1.94	0	%100
209	M227	X	-13.441	-13.441	0	%100
210	M227	Z	7.76	7.76	0	%100
211	M228	X	-3.36	-3.36	0	%100
212	M228	Z	1.94	1.94	0	%100
213	M231	X	-.305	-.305	0	%100
214	M231	Z	.176	.176	0	%100
215	M233	X	-1.222	-1.222	0	%100
216	M233	Z	.705	.705	0	%100
217	M237	X	-.305	-.305	0	%100
218	M237	Z	.176	.176	0	%100
219	M242	X	-9.631	-9.631	0	%100
220	M242	Z	5.56	5.56	0	%100
221	M243	X	-9.955	-9.955	0	%100
222	M243	Z	5.747	5.747	0	%100
223	M244	X	-10.565	-10.565	0	%100
224	M244	Z	6.1	6.1	0	%100
225	M251A	X	-10.565	-10.565	0	%100
226	M251A	Z	6.1	6.1	0	%100
227	M253	X	-10.565	-10.565	0	%100
228	M253	Z	6.1	6.1	0	%100
229	M256	X	-13.556	-13.556	0	%100
230	M256	Z	7.827	7.827	0	%100
231	M257	X	-10.805	-10.805	0	%100
232	M257	Z	6.238	6.238	0	%100
233	M258	X	-13.556	-13.556	0	%100
234	M258	Z	7.827	7.827	0	%100
235	M259	X	-5.946	-5.946	0	%100
236	M259	Z	3.433	3.433	0	%100
237	M260	X	-7.241	-7.241	0	%100
238	M260	Z	4.181	4.181	0	%100
239	M261	X	-10.565	-10.565	0	%100
240	M261	Z	6.1	6.1	0	%100
241	M262	X	-9.631	-9.631	0	%100
242	M262	Z	5.56	5.56	0	%100
243	M263	X	-9.955	-9.955	0	%100
244	M263	Z	5.747	5.747	0	%100
245	M264	X	-10.565	-10.565	0	%100
246	M264	Z	6.1	6.1	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M1	X	-33.699	-33.699	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	-28.108	-28.108	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	-12.2	-12.2	0	%100



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 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, %]
6	M3	Z	0	0	%100
7	M6	X	-15.047	-15.047	%100
8	M6	Z	0	0	%100
9	M27	X	0	0	%100
10	M27	Z	0	0	%100
11	M33	X	0	0	%100
12	M33	Z	0	0	%100
13	M34	X	0	0	%100
14	M34	Z	0	0	%100
15	M35	X	0	0	%100
16	M35	Z	0	0	%100
17	MP1A	X	-8.934	-8.934	%100
18	MP1A	Z	0	0	%100
19	M147	X	-15.23	-15.23	%100
20	M147	Z	0	0	%100
21	M148	X	-15.23	-15.23	%100
22	M148	Z	0	0	%100
23	M103A	X	-6.03	-6.03	%100
24	M103A	Z	0	0	%100
25	M104A	X	-11.337	-11.337	%100
26	M104A	Z	0	0	%100
27	M101A	X	-4.407	-4.407	%100
28	M101A	Z	0	0	%100
29	M101B	X	-11.337	-11.337	%100
30	M101B	Z	0	0	%100
31	M102A	X	-6.519	-6.519	%100
32	M102A	Z	0	0	%100
33	M103B	X	-11.337	-11.337	%100
34	M103B	Z	0	0	%100
35	M104B	X	-4.294	-4.294	%100
36	M104B	Z	0	0	%100
37	M110B	X	-10.815	-10.815	%100
38	M110B	Z	0	0	%100
39	M109B	X	0	0	%100
40	M109B	Z	0	0	%100
41	M110C	X	0	0	%100
42	M110C	Z	0	0	%100
43	M108A	X	-11.285	-11.285	%100
44	M108A	Z	0	0	%100
45	M109A	X	-11.285	-11.285	%100
46	M109A	Z	0	0	%100
47	M112A	X	-11.285	-11.285	%100
48	M112A	Z	0	0	%100
49	M113A	X	-11.285	-11.285	%100
50	M113A	Z	0	0	%100
51	M116A	X	-28.213	-28.213	%100
52	M116A	Z	0	0	%100
53	M117B	X	-28.213	-28.213	%100
54	M117B	Z	0	0	%100
55	M118A	X	-15.047	-15.047	%100
56	M118A	Z	0	0	%100
57	M118C	X	-15.047	-15.047	%100
58	M118C	Z	0	0	%100
59	M122A	X	-28.213	-28.213	%100
60	M122A	Z	0	0	%100
61	M123A	X	-11.285	-11.285	%100
62	M123A	Z	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, %]
63	M124A	X	-11.285	-11.285	0 %100
64	M124A	Z	0	0	0 %100
65	M127A	X	-28.213	-28.213	0 %100
66	M127A	Z	0	0	0 %100
67	M128A	X	-11.285	-11.285	0 %100
68	M128A	Z	0	0	0 %100
69	M129A	X	-11.285	-11.285	0 %100
70	M129A	Z	0	0	0 %100
71	M132A	X	-8.425	-8.425	0 %100
72	M132A	Z	0	0	0 %100
73	M133A	X	-7.027	-7.027	0 %100
74	M133A	Z	0	0	0 %100
75	M136B	X	-3.762	-3.762	0 %100
76	M136B	Z	0	0	0 %100
77	M140A	X	-3.762	-3.762	0 %100
78	M140A	Z	0	0	0 %100
79	M142A	X	-3.762	-3.762	0 %100
80	M142A	Z	0	0	0 %100
81	M144A	X	-8.425	-8.425	0 %100
82	M144A	Z	0	0	0 %100
83	M145B	X	-7.027	-7.027	0 %100
84	M145B	Z	0	0	0 %100
85	M148A	X	-3.762	-3.762	0 %100
86	M148A	Z	0	0	0 %100
87	M152	X	-3.762	-3.762	0 %100
88	M152	Z	0	0	0 %100
89	M154	X	-3.762	-3.762	0 %100
90	M154	Z	0	0	0 %100
91	M152A	X	-10.815	-10.815	0 %100
92	M152A	Z	0	0	0 %100
93	M153A	X	-10.815	-10.815	0 %100
94	M153A	Z	0	0	0 %100
95	M156	X	0	0	0 %100
96	M156	Z	0	0	0 %100
97	M160	X	-3.807	-3.807	0 %100
98	M160	Z	0	0	0 %100
99	M161	X	-3.807	-3.807	0 %100
100	M161	Z	0	0	0 %100
101	M164	X	-12.369	-12.369	0 %100
102	M164	Z	0	0	0 %100
103	M169	X	-3.807	-3.807	0 %100
104	M169	Z	0	0	0 %100
105	M170	X	-3.807	-3.807	0 %100
106	M170	Z	0	0	0 %100
107	M173	X	-12.369	-12.369	0 %100
108	M173	Z	0	0	0 %100
109	M173A	X	-8.561	-8.561	0 %100
110	M173A	Z	0	0	0 %100
111	M174	X	-11.337	-11.337	0 %100
112	M174	Z	0	0	0 %100
113	M175	X	-10.506	-10.506	0 %100
114	M175	Z	0	0	0 %100
115	M176	X	-11.337	-11.337	0 %100
116	M176	Z	0	0	0 %100
117	M177	X	-8.683	-8.683	0 %100
118	M177	Z	0	0	0 %100
119	M178	X	-11.337	-11.337	0 %100



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 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, %]	
120	M178	Z	0	0	0	%100
121	M179	X	-10.478	-10.478	0	%100
122	M179	Z	0	0	0	%100
123	M180	X	-8.561	-8.561	0	%100
124	M180	Z	0	0	0	%100
125	M181	X	-11.337	-11.337	0	%100
126	M181	Z	0	0	0	%100
127	M182	X	-10.506	-10.506	0	%100
128	M182	Z	0	0	0	%100
129	M183	X	-11.337	-11.337	0	%100
130	M183	Z	0	0	0	%100
131	M184	X	-8.683	-8.683	0	%100
132	M184	Z	0	0	0	%100
133	M185	X	-11.337	-11.337	0	%100
134	M185	Z	0	0	0	%100
135	M186	X	-10.478	-10.478	0	%100
136	M186	Z	0	0	0	%100
137	MP2A	X	-8.934	-8.934	0	%100
138	MP2A	Z	0	0	0	%100
139	MP3A	X	-8.934	-8.934	0	%100
140	MP3A	Z	0	0	0	%100
141	MP4A	X	-8.934	-8.934	0	%100
142	MP4A	Z	0	0	0	%100
143	MP1C	X	-8.934	-8.934	0	%100
144	MP1C	Z	0	0	0	%100
145	MP2C	X	-8.934	-8.934	0	%100
146	MP2C	Z	0	0	0	%100
147	MP3C	X	-8.934	-8.934	0	%100
148	MP3C	Z	0	0	0	%100
149	MP4C	X	-8.934	-8.934	0	%100
150	MP4C	Z	0	0	0	%100
151	MP1B	X	-8.934	-8.934	0	%100
152	MP1B	Z	0	0	0	%100
153	MP2B	X	-8.934	-8.934	0	%100
154	MP2B	Z	0	0	0	%100
155	MP3B	X	-8.934	-8.934	0	%100
156	MP3B	Z	0	0	0	%100
157	MP4B	X	-8.934	-8.934	0	%100
158	MP4B	Z	0	0	0	%100
159	M148B	X	-7.306	-7.306	0	%100
160	M148B	Z	0	0	0	%100
161	M153B	X	-1.462	-1.462	0	%100
162	M153B	Z	0	0	0	%100
163	M154B	X	-1.462	-1.462	0	%100
164	M154B	Z	0	0	0	%100
165	M159A	X	-1.462	-1.462	0	%100
166	M159A	Z	0	0	0	%100
167	M160A	X	-1.462	-1.462	0	%100
168	M160A	Z	0	0	0	%100
169	M162A	X	-7.306	-7.306	0	%100
170	M162A	Z	0	0	0	%100
171	M167A	X	-0.784	-0.784	0	%100
172	M167A	Z	0	0	0	%100
173	M168A	X	-0.784	-0.784	0	%100
174	M168A	Z	0	0	0	%100
175	M173B	X	-0.784	-0.784	0	%100
176	M173B	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, %]
177	M174A	X	-7.784	-7.784	0 %100
178	M174A	Z	0	0	0 %100
179	M176A	X	-7.306	-7.306	0 %100
180	M176A	Z	0	0	0 %100
181	M181A	X	-.105	-.105	0 %100
182	M181A	Z	0	0	0 %100
183	M182A	X	-.105	-.105	0 %100
184	M182A	Z	0	0	0 %100
185	M187B	X	-.105	-.105	0 %100
186	M187B	Z	0	0	0 %100
187	M188	X	-.105	-.105	0 %100
188	M188	Z	0	0	0 %100
189	M187C	X	-6.888	-6.888	0 %100
190	M187C	Z	0	0	0 %100
191	M190	X	-6.888	-6.888	0 %100
192	M190	Z	0	0	0 %100
193	M193	X	-6.888	-6.888	0 %100
194	M193	Z	0	0	0 %100
195	M198	X	-8.934	-8.934	0 %100
196	M198	Z	0	0	0 %100
197	M201	X	-8.934	-8.934	0 %100
198	M201	Z	0	0	0 %100
199	M204	X	-8.934	-8.934	0 %100
200	M204	Z	0	0	0 %100
201	M209	X	0	0	0 %100
202	M209	Z	0	0	0 %100
203	M214	X	-8.111	-8.111	0 %100
204	M214	Z	0	0	0 %100
205	M219	X	-8.111	-8.111	0 %100
206	M219	Z	0	0	0 %100
207	M226	X	0	0	0 %100
208	M226	Z	0	0	0 %100
209	M227	X	-11.64	-11.64	0 %100
210	M227	Z	0	0	0 %100
211	M228	X	-11.64	-11.64	0 %100
212	M228	Z	0	0	0 %100
213	M231	X	0	0	0 %100
214	M231	Z	0	0	0 %100
215	M233	X	-1.058	-1.058	0 %100
216	M233	Z	0	0	0 %100
217	M237	X	-1.058	-1.058	0 %100
218	M237	Z	0	0	0 %100
219	M242	X	-12.539	-12.539	0 %100
220	M242	Z	0	0	0 %100
221	M243	X	-12.539	-12.539	0 %100
222	M243	Z	0	0	0 %100
223	M244	X	-12.2	-12.2	0 %100
224	M244	Z	0	0	0 %100
225	M251A	X	-12.2	-12.2	0 %100
226	M251A	Z	0	0	0 %100
227	M253	X	-12.2	-12.2	0 %100
228	M253	Z	0	0	0 %100
229	M256	X	-16.712	-16.712	0 %100
230	M256	Z	0	0	0 %100
231	M257	X	-13.535	-13.535	0 %100
232	M257	Z	0	0	0 %100
233	M258	X	-13.535	-13.535	0 %100



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 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, %]
234	M258	Z	0	0	0	%100
235	M259	X	-8.284	-8.284	0	%100
236	M259	Z	0	0	0	%100
237	M260	X	-9.406	-9.406	0	%100
238	M260	Z	0	0	0	%100
239	M261	X	-12.2	-12.2	0	%100
240	M261	Z	0	0	0	%100
241	M262	X	-8.284	-8.284	0	%100
242	M262	Z	0	0	0	%100
243	M263	X	-9.406	-9.406	0	%100
244	M263	Z	0	0	0	%100
245	M264	X	-12.2	-12.2	0	%100
246	M264	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M1	X	-21.888	-21.888	0	%100
2	M1	Z	-12.637	-12.637	0	%100
3	M2	X	-18.257	-18.257	0	%100
4	M2	Z	-10.541	-10.541	0	%100
5	M3	X	-10.565	-10.565	0	%100
6	M3	Z	-6.1	-6.1	0	%100
7	M6	X	-9.773	-9.773	0	%100
8	M6	Z	-5.643	-5.643	0	%100
9	M27	X	-3.258	-3.258	0	%100
10	M27	Z	-1.881	-1.881	0	%100
11	M33	X	-3.258	-3.258	0	%100
12	M33	Z	-1.881	-1.881	0	%100
13	M34	X	-8.144	-8.144	0	%100
14	M34	Z	-4.702	-4.702	0	%100
15	M35	X	-8.144	-8.144	0	%100
16	M35	Z	-4.702	-4.702	0	%100
17	MP1A	X	-7.737	-7.737	0	%100
18	MP1A	Z	-4.467	-4.467	0	%100
19	M147	X	-9.892	-9.892	0	%100
20	M147	Z	-5.711	-5.711	0	%100
21	M148	X	-9.892	-9.892	0	%100
22	M148	Z	-5.711	-5.711	0	%100
23	M103A	X	-5.953	-5.953	0	%100
24	M103A	Z	-3.437	-3.437	0	%100
25	M104A	X	-9.819	-9.819	0	%100
26	M104A	Z	-5.669	-5.669	0	%100
27	M101A	X	-5.577	-5.577	0	%100
28	M101A	Z	-3.22	-3.22	0	%100
29	M101B	X	-9.819	-9.819	0	%100
30	M101B	Z	-5.669	-5.669	0	%100
31	M102A	X	-6.27	-6.27	0	%100
32	M102A	Z	-3.62	-3.62	0	%100
33	M103B	X	-9.819	-9.819	0	%100
34	M103B	Z	-5.669	-5.669	0	%100
35	M104B	X	-5.504	-5.504	0	%100
36	M104B	Z	-3.178	-3.178	0	%100
37	M110B	X	-9.366	-9.366	0	%100
38	M110B	Z	-5.407	-5.407	0	%100
39	M109B	X	-3.258	-3.258	0	%100
40	M109B	Z	-1.881	-1.881	0	%100



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 Checked By: _____

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, %]
41	M110C	X	-3.258	-3.258	0 %100
42	M110C	Z	-1.881	-1.881	0 %100
43	M108A	X	-3.258	-3.258	0 %100
44	M108A	Z	-1.881	-1.881	0 %100
45	M109A	X	-3.258	-3.258	0 %100
46	M109A	Z	-1.881	-1.881	0 %100
47	M112A	X	-13.031	-13.031	0 %100
48	M112A	Z	-7.523	-7.523	0 %100
49	M113A	X	-13.031	-13.031	0 %100
50	M113A	Z	-7.523	-7.523	0 %100
51	M116A	X	-8.144	-8.144	0 %100
52	M116A	Z	-4.702	-4.702	0 %100
53	M117B	X	-32.578	-32.578	0 %100
54	M117B	Z	-18.809	-18.809	0 %100
55	M118A	X	-9.773	-9.773	0 %100
56	M118A	Z	-5.643	-5.643	0 %100
57	M118C	X	-9.773	-9.773	0 %100
58	M118C	Z	-5.643	-5.643	0 %100
59	M122A	X	-8.144	-8.144	0 %100
60	M122A	Z	-4.702	-4.702	0 %100
61	M123A	X	-3.258	-3.258	0 %100
62	M123A	Z	-1.881	-1.881	0 %100
63	M124A	X	-3.258	-3.258	0 %100
64	M124A	Z	-1.881	-1.881	0 %100
65	M127A	X	-32.578	-32.578	0 %100
66	M127A	Z	-18.809	-18.809	0 %100
67	M128A	X	-13.031	-13.031	0 %100
68	M128A	Z	-7.523	-7.523	0 %100
69	M129A	X	-13.031	-13.031	0 %100
70	M129A	Z	-7.523	-7.523	0 %100
71	M132A	X	-21.888	-21.888	0 %100
72	M132A	Z	-12.637	-12.637	0 %100
73	M133A	X	-18.257	-18.257	0 %100
74	M133A	Z	-10.541	-10.541	0 %100
75	M136B	X	-9.773	-9.773	0 %100
76	M136B	Z	-5.643	-5.643	0 %100
77	M140A	X	-9.773	-9.773	0 %100
78	M140A	Z	-5.643	-5.643	0 %100
79	M142A	X	-9.773	-9.773	0 %100
80	M142A	Z	-5.643	-5.643	0 %100
81	M144A	X	0	0	0 %100
82	M144A	Z	0	0	0 %100
83	M145B	X	0	0	0 %100
84	M145B	Z	0	0	0 %100
85	M148A	X	0	0	0 %100
86	M148A	Z	0	0	0 %100
87	M152	X	0	0	0 %100
88	M152	Z	0	0	0 %100
89	M154	X	0	0	0 %100
90	M154	Z	0	0	0 %100
91	M152A	X	-9.366	-9.366	0 %100
92	M152A	Z	-5.407	-5.407	0 %100
93	M153A	X	-9.366	-9.366	0 %100
94	M153A	Z	-5.407	-5.407	0 %100
95	M156	X	-3.571	-3.571	0 %100
96	M156	Z	-2.061	-2.061	0 %100
97	M160	X	-9.892	-9.892	0 %100



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 Checked By: _____

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, %]
98	M160	Z	-5.711	-5.711	0 %100
99	M161	X	-9.892	-9.892	0 %100
100	M161	Z	-5.711	-5.711	0 %100
101	M164	X	-3.571	-3.571	0 %100
102	M164	Z	-2.061	-2.061	0 %100
103	M169	X	0	0	0 %100
104	M169	Z	0	0	0 %100
105	M170	X	0	0	0 %100
106	M170	Z	0	0	0 %100
107	M173	X	-14.282	-14.282	0 %100
108	M173	Z	-8.246	-8.246	0 %100
109	M173A	X	-5.953	-5.953	0 %100
110	M173A	Z	-3.437	-3.437	0 %100
111	M174	X	-9.819	-9.819	0 %100
112	M174	Z	-5.669	-5.669	0 %100
113	M175	X	-5.577	-5.577	0 %100
114	M175	Z	-3.22	-3.22	0 %100
115	M176	X	-9.819	-9.819	0 %100
116	M176	Z	-5.669	-5.669	0 %100
117	M177	X	-6.27	-6.27	0 %100
118	M177	Z	-3.62	-3.62	0 %100
119	M178	X	-9.819	-9.819	0 %100
120	M178	Z	-5.669	-5.669	0 %100
121	M179	X	-5.504	-5.504	0 %100
122	M179	Z	-3.178	-3.178	0 %100
123	M180	X	-8.144	-8.144	0 %100
124	M180	Z	-4.702	-4.702	0 %100
125	M181	X	-9.819	-9.819	0 %100
126	M181	Z	-5.669	-5.669	0 %100
127	M182	X	-10.859	-10.859	0 %100
128	M182	Z	-6.27	-6.27	0 %100
129	M183	X	-9.819	-9.819	0 %100
130	M183	Z	-5.669	-5.669	0 %100
131	M184	X	-8.144	-8.144	0 %100
132	M184	Z	-4.702	-4.702	0 %100
133	M185	X	-9.819	-9.819	0 %100
134	M185	Z	-5.669	-5.669	0 %100
135	M186	X	-10.859	-10.859	0 %100
136	M186	Z	-6.27	-6.27	0 %100
137	MP2A	X	-7.737	-7.737	0 %100
138	MP2A	Z	-4.467	-4.467	0 %100
139	MP3A	X	-7.737	-7.737	0 %100
140	MP3A	Z	-4.467	-4.467	0 %100
141	MP4A	X	-7.737	-7.737	0 %100
142	MP4A	Z	-4.467	-4.467	0 %100
143	MP1C	X	-7.737	-7.737	0 %100
144	MP1C	Z	-4.467	-4.467	0 %100
145	MP2C	X	-7.737	-7.737	0 %100
146	MP2C	Z	-4.467	-4.467	0 %100
147	MP3C	X	-7.737	-7.737	0 %100
148	MP3C	Z	-4.467	-4.467	0 %100
149	MP4C	X	-7.737	-7.737	0 %100
150	MP4C	Z	-4.467	-4.467	0 %100
151	MP1B	X	-7.737	-7.737	0 %100
152	MP1B	Z	-4.467	-4.467	0 %100
153	MP2B	X	-7.737	-7.737	0 %100
154	MP2B	Z	-4.467	-4.467	0 %100



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 Checked By: _____

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, %]
155	MP3B	X	-7.737	-7.737	0 %100
156	MP3B	Z	-4.467	-4.467	0 %100
157	MP4B	X	-7.737	-7.737	0 %100
158	MP4B	Z	-4.467	-4.467	0 %100
159	M148B	X	-6.327	-6.327	0 %100
160	M148B	Z	-3.653	-3.653	0 %100
161	M153B	X	-0.679	-0.679	0 %100
162	M153B	Z	-0.392	-0.392	0 %100
163	M154B	X	-0.679	-0.679	0 %100
164	M154B	Z	-0.392	-0.392	0 %100
165	M159A	X	-0.679	-0.679	0 %100
166	M159A	Z	-0.392	-0.392	0 %100
167	M160A	X	-0.679	-0.679	0 %100
168	M160A	Z	-0.392	-0.392	0 %100
169	M162A	X	-6.327	-6.327	0 %100
170	M162A	Z	-3.653	-3.653	0 %100
171	M167A	X	-1.266	-1.266	0 %100
172	M167A	Z	-0.731	-0.731	0 %100
173	M168A	X	-1.266	-1.266	0 %100
174	M168A	Z	-0.731	-0.731	0 %100
175	M173B	X	-1.266	-1.266	0 %100
176	M173B	Z	-0.731	-0.731	0 %100
177	M174A	X	-1.266	-1.266	0 %100
178	M174A	Z	-0.731	-0.731	0 %100
179	M176A	X	-6.327	-6.327	0 %100
180	M176A	Z	-3.653	-3.653	0 %100
181	M181A	X	-0.091	-0.091	0 %100
182	M181A	Z	-0.052	-0.052	0 %100
183	M182A	X	-0.091	-0.091	0 %100
184	M182A	Z	-0.052	-0.052	0 %100
185	M187B	X	-0.091	-0.091	0 %100
186	M187B	Z	-0.052	-0.052	0 %100
187	M188	X	-0.091	-0.091	0 %100
188	M188	Z	-0.052	-0.052	0 %100
189	M187C	X	-5.965	-5.965	0 %100
190	M187C	Z	-3.444	-3.444	0 %100
191	M190	X	-5.965	-5.965	0 %100
192	M190	Z	-3.444	-3.444	0 %100
193	M193	X	-5.965	-5.965	0 %100
194	M193	Z	-3.444	-3.444	0 %100
195	M198	X	-7.737	-7.737	0 %100
196	M198	Z	-4.467	-4.467	0 %100
197	M201	X	-7.737	-7.737	0 %100
198	M201	Z	-4.467	-4.467	0 %100
199	M204	X	-7.737	-7.737	0 %100
200	M204	Z	-4.467	-4.467	0 %100
201	M209	X	-2.342	-2.342	0 %100
202	M209	Z	-1.352	-1.352	0 %100
203	M214	X	-2.342	-2.342	0 %100
204	M214	Z	-1.352	-1.352	0 %100
205	M219	X	-9.366	-9.366	0 %100
206	M219	Z	-5.407	-5.407	0 %100
207	M226	X	-3.36	-3.36	0 %100
208	M226	Z	-1.94	-1.94	0 %100
209	M227	X	-3.36	-3.36	0 %100
210	M227	Z	-1.94	-1.94	0 %100
211	M228	X	-13.441	-13.441	0 %100



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 Checked By: _____

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, %]
212	M228	Z	-7.76	-7.76	0	%100
213	M231	X	-.305	-.305	0	%100
214	M231	Z	-.176	-.176	0	%100
215	M233	X	-.305	-.305	0	%100
216	M233	Z	-.176	-.176	0	%100
217	M237	X	-1.222	-1.222	0	%100
218	M237	Z	-.705	-.705	0	%100
219	M242	X	-9.631	-9.631	0	%100
220	M242	Z	-5.56	-5.56	0	%100
221	M243	X	-9.955	-9.955	0	%100
222	M243	Z	-5.747	-5.747	0	%100
223	M244	X	-10.565	-10.565	0	%100
224	M244	Z	-6.1	-6.1	0	%100
225	M251A	X	-10.565	-10.565	0	%100
226	M251A	Z	-6.1	-6.1	0	%100
227	M253	X	-10.565	-10.565	0	%100
228	M253	Z	-6.1	-6.1	0	%100
229	M256	X	-13.556	-13.556	0	%100
230	M256	Z	-7.827	-7.827	0	%100
231	M257	X	-13.556	-13.556	0	%100
232	M257	Z	-7.827	-7.827	0	%100
233	M258	X	-10.805	-10.805	0	%100
234	M258	Z	-6.238	-6.238	0	%100
235	M259	X	-9.631	-9.631	0	%100
236	M259	Z	-5.56	-5.56	0	%100
237	M260	X	-9.955	-9.955	0	%100
238	M260	Z	-5.747	-5.747	0	%100
239	M261	X	-10.565	-10.565	0	%100
240	M261	Z	-6.1	-6.1	0	%100
241	M262	X	-5.946	-5.946	0	%100
242	M262	Z	-3.433	-3.433	0	%100
243	M263	X	-7.241	-7.241	0	%100
244	M263	Z	-4.181	-4.181	0	%100
245	M264	X	-10.565	-10.565	0	%100
246	M264	Z	-6.1	-6.1	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M1	X	-4.212	-4.212	0	%100
2	M1	Z	-7.296	-7.296	0	%100
3	M2	X	-3.514	-3.514	0	%100
4	M2	Z	-6.086	-6.086	0	%100
5	M3	X	-6.1	-6.1	0	%100
6	M3	Z	-10.565	-10.565	0	%100
7	M6	X	-1.881	-1.881	0	%100
8	M6	Z	-3.258	-3.258	0	%100
9	M27	X	-5.643	-5.643	0	%100
10	M27	Z	-9.773	-9.773	0	%100
11	M33	X	-5.643	-5.643	0	%100
12	M33	Z	-9.773	-9.773	0	%100
13	M34	X	-14.106	-14.106	0	%100
14	M34	Z	-24.433	-24.433	0	%100
15	M35	X	-14.106	-14.106	0	%100
16	M35	Z	-24.433	-24.433	0	%100
17	MP1A	X	-4.467	-4.467	0	%100
18	MP1A	Z	-7.737	-7.737	0	%100



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 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, %]
19	M147	X	-1.904	-1.904	0 %100
20	M147	Z	-3.297	-3.297	0 %100
21	M148	X	-1.904	-1.904	0 %100
22	M148	Z	-3.297	-3.297	0 %100
23	M103A	X	-4.28	-4.28	0 %100
24	M103A	Z	-7.414	-7.414	0 %100
25	M104A	X	-5.669	-5.669	0 %100
26	M104A	Z	-9.819	-9.819	0 %100
27	M101A	X	-5.253	-5.253	0 %100
28	M101A	Z	-9.098	-9.098	0 %100
29	M101B	X	-5.669	-5.669	0 %100
30	M101B	Z	-9.819	-9.819	0 %100
31	M102A	X	-4.341	-4.341	0 %100
32	M102A	Z	-7.52	-7.52	0 %100
33	M103B	X	-5.669	-5.669	0 %100
34	M103B	Z	-9.819	-9.819	0 %100
35	M104B	X	-5.239	-5.239	0 %100
36	M104B	Z	-9.074	-9.074	0 %100
37	M110B	X	-5.407	-5.407	0 %100
38	M110B	Z	-9.366	-9.366	0 %100
39	M109B	X	-5.643	-5.643	0 %100
40	M109B	Z	-9.773	-9.773	0 %100
41	M110C	X	-5.643	-5.643	0 %100
42	M110C	Z	-9.773	-9.773	0 %100
43	M108A	X	0	0	0 %100
44	M108A	Z	0	0	0 %100
45	M109A	X	0	0	0 %100
46	M109A	Z	0	0	0 %100
47	M112A	X	-5.643	-5.643	0 %100
48	M112A	Z	-9.773	-9.773	0 %100
49	M113A	X	-5.643	-5.643	0 %100
50	M113A	Z	-9.773	-9.773	0 %100
51	M116A	X	0	0	0 %100
52	M116A	Z	0	0	0 %100
53	M117B	X	-14.106	-14.106	0 %100
54	M117B	Z	-24.433	-24.433	0 %100
55	M118A	X	-1.881	-1.881	0 %100
56	M118A	Z	-3.258	-3.258	0 %100
57	M118C	X	-1.881	-1.881	0 %100
58	M118C	Z	-3.258	-3.258	0 %100
59	M122A	X	0	0	0 %100
60	M122A	Z	0	0	0 %100
61	M123A	X	0	0	0 %100
62	M123A	Z	0	0	0 %100
63	M124A	X	0	0	0 %100
64	M124A	Z	0	0	0 %100
65	M127A	X	-14.106	-14.106	0 %100
66	M127A	Z	-24.433	-24.433	0 %100
67	M128A	X	-5.643	-5.643	0 %100
68	M128A	Z	-9.773	-9.773	0 %100
69	M129A	X	-5.643	-5.643	0 %100
70	M129A	Z	-9.773	-9.773	0 %100
71	M132A	X	-16.849	-16.849	0 %100
72	M132A	Z	-29.184	-29.184	0 %100
73	M133A	X	-14.054	-14.054	0 %100
74	M133A	Z	-24.343	-24.343	0 %100
75	M136B	X	-7.523	-7.523	0 %100



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 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, %]
76	M136B	Z	-13.031	-13.031	0 %100
77	M140A	X	-7.523	-7.523	0 %100
78	M140A	Z	-13.031	-13.031	0 %100
79	M142A	X	-7.523	-7.523	0 %100
80	M142A	Z	-13.031	-13.031	0 %100
81	M144A	X	-4.212	-4.212	0 %100
82	M144A	Z	-7.296	-7.296	0 %100
83	M145B	X	-3.514	-3.514	0 %100
84	M145B	Z	-6.086	-6.086	0 %100
85	M148A	X	-1.881	-1.881	0 %100
86	M148A	Z	-3.258	-3.258	0 %100
87	M152	X	-1.881	-1.881	0 %100
88	M152	Z	-3.258	-3.258	0 %100
89	M154	X	-1.881	-1.881	0 %100
90	M154	Z	-3.258	-3.258	0 %100
91	M152A	X	-5.407	-5.407	0 %100
92	M152A	Z	-9.366	-9.366	0 %100
93	M153A	X	-5.407	-5.407	0 %100
94	M153A	Z	-9.366	-9.366	0 %100
95	M156	X	-6.184	-6.184	0 %100
96	M156	Z	-10.712	-10.712	0 %100
97	M160	X	-7.615	-7.615	0 %100
98	M160	Z	-13.189	-13.189	0 %100
99	M161	X	-7.615	-7.615	0 %100
100	M161	Z	-13.189	-13.189	0 %100
101	M164	X	0	0	0 %100
102	M164	Z	0	0	0 %100
103	M169	X	-1.904	-1.904	0 %100
104	M169	Z	-3.297	-3.297	0 %100
105	M170	X	-1.904	-1.904	0 %100
106	M170	Z	-3.297	-3.297	0 %100
107	M173	X	-6.184	-6.184	0 %100
108	M173	Z	-10.712	-10.712	0 %100
109	M173A	X	-3.015	-3.015	0 %100
110	M173A	Z	-5.222	-5.222	0 %100
111	M174	X	-5.669	-5.669	0 %100
112	M174	Z	-9.819	-9.819	0 %100
113	M175	X	-2.203	-2.203	0 %100
114	M175	Z	-3.816	-3.816	0 %100
115	M176	X	-5.669	-5.669	0 %100
116	M176	Z	-9.819	-9.819	0 %100
117	M177	X	-3.259	-3.259	0 %100
118	M177	Z	-5.645	-5.645	0 %100
119	M178	X	-5.669	-5.669	0 %100
120	M178	Z	-9.819	-9.819	0 %100
121	M179	X	-2.147	-2.147	0 %100
122	M179	Z	-3.719	-3.719	0 %100
123	M180	X	-4.28	-4.28	0 %100
124	M180	Z	-7.414	-7.414	0 %100
125	M181	X	-5.669	-5.669	0 %100
126	M181	Z	-9.819	-9.819	0 %100
127	M182	X	-5.253	-5.253	0 %100
128	M182	Z	-9.098	-9.098	0 %100
129	M183	X	-5.669	-5.669	0 %100
130	M183	Z	-9.819	-9.819	0 %100
131	M184	X	-4.341	-4.341	0 %100
132	M184	Z	-7.52	-7.52	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, %]
133	M185	X	-5.669	-5.669	0 %100
134	M185	Z	-9.819	-9.819	0 %100
135	M186	X	-5.239	-5.239	0 %100
136	M186	Z	-9.074	-9.074	0 %100
137	MP2A	X	-4.467	-4.467	0 %100
138	MP2A	Z	-7.737	-7.737	0 %100
139	MP3A	X	-4.467	-4.467	0 %100
140	MP3A	Z	-7.737	-7.737	0 %100
141	MP4A	X	-4.467	-4.467	0 %100
142	MP4A	Z	-7.737	-7.737	0 %100
143	MP1C	X	-4.467	-4.467	0 %100
144	MP1C	Z	-7.737	-7.737	0 %100
145	MP2C	X	-4.467	-4.467	0 %100
146	MP2C	Z	-7.737	-7.737	0 %100
147	MP3C	X	-4.467	-4.467	0 %100
148	MP3C	Z	-7.737	-7.737	0 %100
149	MP4C	X	-4.467	-4.467	0 %100
150	MP4C	Z	-7.737	-7.737	0 %100
151	MP1B	X	-4.467	-4.467	0 %100
152	MP1B	Z	-7.737	-7.737	0 %100
153	MP2B	X	-4.467	-4.467	0 %100
154	MP2B	Z	-7.737	-7.737	0 %100
155	MP3B	X	-4.467	-4.467	0 %100
156	MP3B	Z	-7.737	-7.737	0 %100
157	MP4B	X	-4.467	-4.467	0 %100
158	MP4B	Z	-7.737	-7.737	0 %100
159	M148B	X	-3.653	-3.653	0 %100
160	M148B	Z	-6.327	-6.327	0 %100
161	M153B	X	-.052	-.052	0 %100
162	M153B	Z	-.091	-.091	0 %100
163	M154B	X	-.052	-.052	0 %100
164	M154B	Z	-.091	-.091	0 %100
165	M159A	X	-.052	-.052	0 %100
166	M159A	Z	-.091	-.091	0 %100
167	M160A	X	-.052	-.052	0 %100
168	M160A	Z	-.091	-.091	0 %100
169	M162A	X	-3.653	-3.653	0 %100
170	M162A	Z	-6.327	-6.327	0 %100
171	M167A	X	-.731	-.731	0 %100
172	M167A	Z	-1.266	-1.266	0 %100
173	M168A	X	-.731	-.731	0 %100
174	M168A	Z	-1.266	-1.266	0 %100
175	M173B	X	-.731	-.731	0 %100
176	M173B	Z	-1.266	-1.266	0 %100
177	M174A	X	-.731	-.731	0 %100
178	M174A	Z	-1.266	-1.266	0 %100
179	M176A	X	-3.653	-3.653	0 %100
180	M176A	Z	-6.327	-6.327	0 %100
181	M181A	X	-.392	-.392	0 %100
182	M181A	Z	-.679	-.679	0 %100
183	M182A	X	-.392	-.392	0 %100
184	M182A	Z	-.679	-.679	0 %100
185	M187B	X	-.392	-.392	0 %100
186	M187B	Z	-.679	-.679	0 %100
187	M188	X	-.392	-.392	0 %100
188	M188	Z	-.679	-.679	0 %100
189	M187C	X	-3.444	-3.444	0 %100



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 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, %]
190	M187C	Z	-5.965	-5.965	0 %100
191	M190	X	-3.444	-3.444	0 %100
192	M190	Z	-5.965	-5.965	0 %100
193	M193	X	-3.444	-3.444	0 %100
194	M193	Z	-5.965	-5.965	0 %100
195	M198	X	-4.467	-4.467	0 %100
196	M198	Z	-7.737	-7.737	0 %100
197	M201	X	-4.467	-4.467	0 %100
198	M201	Z	-7.737	-7.737	0 %100
199	M204	X	-4.467	-4.467	0 %100
200	M204	Z	-7.737	-7.737	0 %100
201	M209	X	-4.056	-4.056	0 %100
202	M209	Z	-7.025	-7.025	0 %100
203	M214	X	0	0	0 %100
204	M214	Z	0	0	0 %100
205	M219	X	-4.056	-4.056	0 %100
206	M219	Z	-7.025	-7.025	0 %100
207	M226	X	-5.82	-5.82	0 %100
208	M226	Z	-10.081	-10.081	0 %100
209	M227	X	0	0	0 %100
210	M227	Z	0	0	0 %100
211	M228	X	-5.82	-5.82	0 %100
212	M228	Z	-10.081	-10.081	0 %100
213	M231	X	-.529	-.529	0 %100
214	M231	Z	-.916	-.916	0 %100
215	M233	X	0	0	0 %100
216	M233	Z	0	0	0 %100
217	M237	X	-.529	-.529	0 %100
218	M237	Z	-.916	-.916	0 %100
219	M242	X	-4.142	-4.142	0 %100
220	M242	Z	-7.174	-7.174	0 %100
221	M243	X	-4.703	-4.703	0 %100
222	M243	Z	-8.145	-8.145	0 %100
223	M244	X	-6.1	-6.1	0 %100
224	M244	Z	-10.565	-10.565	0 %100
225	M251A	X	-6.1	-6.1	0 %100
226	M251A	Z	-10.565	-10.565	0 %100
227	M253	X	-6.1	-6.1	0 %100
228	M253	Z	-10.565	-10.565	0 %100
229	M256	X	-6.768	-6.768	0 %100
230	M256	Z	-11.722	-11.722	0 %100
231	M257	X	-8.356	-8.356	0 %100
232	M257	Z	-14.473	-14.473	0 %100
233	M258	X	-6.768	-6.768	0 %100
234	M258	Z	-11.722	-11.722	0 %100
235	M259	X	-6.27	-6.27	0 %100
236	M259	Z	-10.859	-10.859	0 %100
237	M260	X	-6.27	-6.27	0 %100
238	M260	Z	-10.859	-10.859	0 %100
239	M261	X	-6.1	-6.1	0 %100
240	M261	Z	-10.565	-10.565	0 %100
241	M262	X	-4.142	-4.142	0 %100
242	M262	Z	-7.174	-7.174	0 %100
243	M263	X	-4.703	-4.703	0 %100
244	M263	Z	-8.145	-8.145	0 %100
245	M264	X	-6.1	-6.1	0 %100
246	M264	Z	-10.565	-10.565	0 %100



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 Checked By: _____

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	-3.228	-3.228	0	%100
7	M6	X	0	0	0	%100
8	M6	Z	0	0	0	%100
9	M27	X	0	0	0	%100
10	M27	Z	-3.237	-3.237	0	%100
11	M33	X	0	0	0	%100
12	M33	Z	-3.237	-3.237	0	%100
13	M34	X	0	0	0	%100
14	M34	Z	-7.425	-7.425	0	%100
15	M35	X	0	0	0	%100
16	M35	Z	-7.425	-7.425	0	%100
17	MP1A	X	0	0	0	%100
18	MP1A	Z	-2.836	-2.836	0	%100
19	M147	X	0	0	0	%100
20	M147	Z	0	0	0	%100
21	M148	X	0	0	0	%100
22	M148	Z	0	0	0	%100
23	M103A	X	0	0	0	%100
24	M103A	Z	-2.879	-2.879	0	%100
25	M104A	X	0	0	0	%100
26	M104A	Z	-2.998	-2.998	0	%100
27	M101A	X	0	0	0	%100
28	M101A	Z	-3.388	-3.388	0	%100
29	M101B	X	0	0	0	%100
30	M101B	Z	-2.998	-2.998	0	%100
31	M102A	X	0	0	0	%100
32	M102A	Z	-2.855	-2.855	0	%100
33	M103B	X	0	0	0	%100
34	M103B	Z	-2.998	-2.998	0	%100
35	M104B	X	0	0	0	%100
36	M104B	Z	-3.397	-3.397	0	%100
37	M110B	X	0	0	0	%100
38	M110B	Z	-3.137	-3.137	0	%100
39	M109B	X	0	0	0	%100
40	M109B	Z	-3.237	-3.237	0	%100
41	M110C	X	0	0	0	%100
42	M110C	Z	-3.237	-3.237	0	%100
43	M108A	X	0	0	0	%100
44	M108A	Z	-.809	-.809	0	%100
45	M109A	X	0	0	0	%100
46	M109A	Z	-.809	-.809	0	%100
47	M112A	X	0	0	0	%100
48	M112A	Z	-.809	-.809	0	%100
49	M113A	X	0	0	0	%100
50	M113A	Z	-.809	-.809	0	%100
51	M116A	X	0	0	0	%100
52	M116A	Z	-1.856	-1.856	0	%100
53	M117B	X	0	0	0	%100
54	M117B	Z	-1.856	-1.856	0	%100
55	M118A	X	0	0	0	%100
56	M118A	Z	0	0	0	%100
57	M118C	X	0	0	0	%100



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 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,%]	
58	M118C	Z	0	0	0	%100
59	M122A	X	0	0	0	%100
60	M122A	Z	-1.856	-1.856	0	%100
61	M123A	X	0	0	0	%100
62	M123A	Z	-.809	-.809	0	%100
63	M124A	X	0	0	0	%100
64	M124A	Z	-.809	-.809	0	%100
65	M127A	X	0	0	0	%100
66	M127A	Z	-1.856	-1.856	0	%100
67	M128A	X	0	0	0	%100
68	M128A	Z	-.809	-.809	0	%100
69	M129A	X	0	0	0	%100
70	M129A	Z	-.809	-.809	0	%100
71	M132A	X	0	0	0	%100
72	M132A	Z	-5.099	-5.099	0	%100
73	M133A	X	0	0	0	%100
74	M133A	Z	-4.428	-4.428	0	%100
75	M136B	X	0	0	0	%100
76	M136B	Z	-2.422	-2.422	0	%100
77	M140A	X	0	0	0	%100
78	M140A	Z	-2.422	-2.422	0	%100
79	M142A	X	0	0	0	%100
80	M142A	Z	-2.422	-2.422	0	%100
81	M144A	X	0	0	0	%100
82	M144A	Z	-5.099	-5.099	0	%100
83	M145B	X	0	0	0	%100
84	M145B	Z	-4.428	-4.428	0	%100
85	M148A	X	0	0	0	%100
86	M148A	Z	-2.422	-2.422	0	%100
87	M152	X	0	0	0	%100
88	M152	Z	-2.422	-2.422	0	%100
89	M154	X	0	0	0	%100
90	M154	Z	-2.422	-2.422	0	%100
91	M152A	X	0	0	0	%100
92	M152A	Z	-3.137	-3.137	0	%100
93	M153A	X	0	0	0	%100
94	M153A	Z	-3.137	-3.137	0	%100
95	M156	X	0	0	0	%100
96	M156	Z	-3.983	-3.983	0	%100
97	M160	X	0	0	0	%100
98	M160	Z	-2.735	-2.735	0	%100
99	M161	X	0	0	0	%100
100	M161	Z	-2.735	-2.735	0	%100
101	M164	X	0	0	0	%100
102	M164	Z	-.996	-.996	0	%100
103	M169	X	0	0	0	%100
104	M169	Z	-2.735	-2.735	0	%100
105	M170	X	0	0	0	%100
106	M170	Z	-2.735	-2.735	0	%100
107	M173	X	0	0	0	%100
108	M173	Z	-.996	-.996	0	%100
109	M173A	X	0	0	0	%100
110	M173A	Z	-1.939	-1.939	0	%100
111	M174	X	0	0	0	%100
112	M174	Z	-2.998	-2.998	0	%100
113	M175	X	0	0	0	%100
114	M175	Z	-1.862	-1.862	0	%100



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 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, %]	
115	M176	X	0	0	0	%100
116	M176	Z	-2.998	-2.998	0	%100
117	M177	X	0	0	0	%100
118	M177	Z	-2.023	-2.023	0	%100
119	M178	X	0	0	0	%100
120	M178	Z	-2.998	-2.998	0	%100
121	M179	X	0	0	0	%100
122	M179	Z	-1.841	-1.841	0	%100
123	M180	X	0	0	0	%100
124	M180	Z	-1.939	-1.939	0	%100
125	M181	X	0	0	0	%100
126	M181	Z	-2.998	-2.998	0	%100
127	M182	X	0	0	0	%100
128	M182	Z	-1.862	-1.862	0	%100
129	M183	X	0	0	0	%100
130	M183	Z	-2.998	-2.998	0	%100
131	M184	X	0	0	0	%100
132	M184	Z	-2.023	-2.023	0	%100
133	M185	X	0	0	0	%100
134	M185	Z	-2.998	-2.998	0	%100
135	M186	X	0	0	0	%100
136	M186	Z	-1.841	-1.841	0	%100
137	MP2A	X	0	0	0	%100
138	MP2A	Z	-2.836	-2.836	0	%100
139	MP3A	X	0	0	0	%100
140	MP3A	Z	-2.836	-2.836	0	%100
141	MP4A	X	0	0	0	%100
142	MP4A	Z	-2.836	-2.836	0	%100
143	MP1C	X	0	0	0	%100
144	MP1C	Z	-2.836	-2.836	0	%100
145	MP2C	X	0	0	0	%100
146	MP2C	Z	-2.836	-2.836	0	%100
147	MP3C	X	0	0	0	%100
148	MP3C	Z	-2.836	-2.836	0	%100
149	MP4C	X	0	0	0	%100
150	MP4C	Z	-2.836	-2.836	0	%100
151	MP1B	X	0	0	0	%100
152	MP1B	Z	-2.836	-2.836	0	%100
153	MP2B	X	0	0	0	%100
154	MP2B	Z	-2.836	-2.836	0	%100
155	MP3B	X	0	0	0	%100
156	MP3B	Z	-2.836	-2.836	0	%100
157	MP4B	X	0	0	0	%100
158	MP4B	Z	-2.836	-2.836	0	%100
159	M148B	X	0	0	0	%100
160	M148B	Z	-2.326	-2.326	0	%100
161	M153B	X	0	0	0	%100
162	M153B	Z	-.073	-.073	0	%100
163	M154B	X	0	0	0	%100
164	M154B	Z	-.073	-.073	0	%100
165	M159A	X	0	0	0	%100
166	M159A	Z	-.073	-.073	0	%100
167	M160A	X	0	0	0	%100
168	M160A	Z	-.073	-.073	0	%100
169	M162A	X	0	0	0	%100
170	M162A	Z	-2.326	-2.326	0	%100
171	M167A	X	0	0	0	%100

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,%]
172	M167A	Z	-0.548	-0.548	0 %100
173	M168A	X	0	0	0 %100
174	M168A	Z	-0.548	-0.548	0 %100
175	M173B	X	0	0	0 %100
176	M173B	Z	-0.548	-0.548	0 %100
177	M174A	X	0	0	0 %100
178	M174A	Z	-0.548	-0.548	0 %100
179	M176A	X	0	0	0 %100
180	M176A	Z	-2.326	-2.326	0 %100
181	M181A	X	0	0	0 %100
182	M181A	Z	-1.022	-1.022	0 %100
183	M182A	X	0	0	0 %100
184	M182A	Z	-1.022	-1.022	0 %100
185	M187B	X	0	0	0 %100
186	M187B	Z	-1.022	-1.022	0 %100
187	M188	X	0	0	0 %100
188	M188	Z	-1.022	-1.022	0 %100
189	M187C	X	0	0	0 %100
190	M187C	Z	-2.192	-2.192	0 %100
191	M190	X	0	0	0 %100
192	M190	Z	-2.192	-2.192	0 %100
193	M193	X	0	0	0 %100
194	M193	Z	-2.192	-2.192	0 %100
195	M198	X	0	0	0 %100
196	M198	Z	-2.836	-2.836	0 %100
197	M201	X	0	0	0 %100
198	M201	Z	-2.836	-2.836	0 %100
199	M204	X	0	0	0 %100
200	M204	Z	-2.836	-2.836	0 %100
201	M209	X	0	0	0 %100
202	M209	Z	-3.137	-3.137	0 %100
203	M214	X	0	0	0 %100
204	M214	Z	-0.784	-0.784	0 %100
205	M219	X	0	0	0 %100
206	M219	Z	-0.784	-0.784	0 %100
207	M226	X	0	0	0 %100
208	M226	Z	-3.724	-3.724	0 %100
209	M227	X	0	0	0 %100
210	M227	Z	-0.931	-0.931	0 %100
211	M228	X	0	0	0 %100
212	M228	Z	-0.931	-0.931	0 %100
213	M231	X	0	0	0 %100
214	M231	Z	-1.115	-1.115	0 %100
215	M233	X	0	0	0 %100
216	M233	Z	-0.279	-0.279	0 %100
217	M237	X	0	0	0 %100
218	M237	Z	-0.279	-0.279	0 %100
219	M242	X	0	0	0 %100
220	M242	Z	-1.869	-1.869	0 %100
221	M243	X	0	0	0 %100
222	M243	Z	-2.267	-2.267	0 %100
223	M244	X	0	0	0 %100
224	M244	Z	-3.228	-3.228	0 %100
225	M251A	X	0	0	0 %100
226	M251A	Z	-3.228	-3.228	0 %100
227	M253	X	0	0	0 %100
228	M253	Z	-3.228	-3.228	0 %100



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 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, %]
229	M256	X	0	0	0	%100
230	M256	Z	-2.583	-2.583	0	%100
231	M257	X	0	0	0	%100
232	M257	Z	-3.677	-3.677	0	%100
233	M258	X	0	0	0	%100
234	M258	Z	-3.677	-3.677	0	%100
235	M259	X	0	0	0	%100
236	M259	Z	-3.027	-3.027	0	%100
237	M260	X	0	0	0	%100
238	M260	Z	-3.117	-3.117	0	%100
239	M261	X	0	0	0	%100
240	M261	Z	-3.228	-3.228	0	%100
241	M262	X	0	0	0	%100
242	M262	Z	-3.027	-3.027	0	%100
243	M263	X	0	0	0	%100
244	M263	Z	-3.117	-3.117	0	%100
245	M264	X	0	0	0	%100
246	M264	Z	-3.228	-3.228	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M1	X	.85	.85	0	%100
2	M1	Z	-1.472	-1.472	0	%100
3	M2	X	.738	.738	0	%100
4	M2	Z	-1.278	-1.278	0	%100
5	M3	X	1.614	1.614	0	%100
6	M3	Z	-2.796	-2.796	0	%100
7	M6	X	.404	.404	0	%100
8	M6	Z	-.699	-.699	0	%100
9	M27	X	1.214	1.214	0	%100
10	M27	Z	-2.103	-2.103	0	%100
11	M33	X	1.214	1.214	0	%100
12	M33	Z	-2.103	-2.103	0	%100
13	M34	X	2.784	2.784	0	%100
14	M34	Z	-4.823	-4.823	0	%100
15	M35	X	2.784	2.784	0	%100
16	M35	Z	-4.823	-4.823	0	%100
17	MP1A	X	1.418	1.418	0	%100
18	MP1A	Z	-2.456	-2.456	0	%100
19	M147	X	.456	.456	0	%100
20	M147	Z	-.789	-.789	0	%100
21	M148	X	.456	.456	0	%100
22	M148	Z	-.789	-.789	0	%100
23	M103A	X	1.283	1.283	0	%100
24	M103A	Z	-2.222	-2.222	0	%100
25	M104A	X	1.499	1.499	0	%100
26	M104A	Z	-2.597	-2.597	0	%100
27	M101A	X	1.44	1.44	0	%100
28	M101A	Z	-2.494	-2.494	0	%100
29	M101B	X	1.499	1.499	0	%100
30	M101B	Z	-2.597	-2.597	0	%100
31	M102A	X	1.289	1.289	0	%100
32	M102A	Z	-2.232	-2.232	0	%100
33	M103B	X	1.499	1.499	0	%100
34	M103B	Z	-2.597	-2.597	0	%100
35	M104B	X	1.439	1.439	0	%100



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 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, %]
36	M104B	Z	-2.492	-2.492	0 %100
37	M110B	X	1.568	1.568	0 %100
38	M110B	Z	-2.717	-2.717	0 %100
39	M109B	X	1.214	1.214	0 %100
40	M109B	Z	-2.103	-2.103	0 %100
41	M110C	X	1.214	1.214	0 %100
42	M110C	Z	-2.103	-2.103	0 %100
43	M108A	X	1.214	1.214	0 %100
44	M108A	Z	-2.103	-2.103	0 %100
45	M109A	X	1.214	1.214	0 %100
46	M109A	Z	-2.103	-2.103	0 %100
47	M112A	X	0	0	0 %100
48	M112A	Z	0	0	0 %100
49	M113A	X	0	0	0 %100
50	M113A	Z	0	0	0 %100
51	M116A	X	2.784	2.784	0 %100
52	M116A	Z	-4.823	-4.823	0 %100
53	M117B	X	0	0	0 %100
54	M117B	Z	0	0	0 %100
55	M118A	X	.404	.404	0 %100
56	M118A	Z	-.699	-.699	0 %100
57	M118C	X	.404	.404	0 %100
58	M118C	Z	-.699	-.699	0 %100
59	M122A	X	2.784	2.784	0 %100
60	M122A	Z	-4.823	-4.823	0 %100
61	M123A	X	1.214	1.214	0 %100
62	M123A	Z	-2.103	-2.103	0 %100
63	M124A	X	1.214	1.214	0 %100
64	M124A	Z	-2.103	-2.103	0 %100
65	M127A	X	0	0	0 %100
66	M127A	Z	0	0	0 %100
67	M128A	X	0	0	0 %100
68	M128A	Z	0	0	0 %100
69	M129A	X	0	0	0 %100
70	M129A	Z	0	0	0 %100
71	M132A	X	.85	.85	0 %100
72	M132A	Z	-1.472	-1.472	0 %100
73	M133A	X	.738	.738	0 %100
74	M133A	Z	-1.278	-1.278	0 %100
75	M136B	X	.404	.404	0 %100
76	M136B	Z	-.699	-.699	0 %100
77	M140A	X	.404	.404	0 %100
78	M140A	Z	-.699	-.699	0 %100
79	M142A	X	.404	.404	0 %100
80	M142A	Z	-.699	-.699	0 %100
81	M144A	X	3.399	3.399	0 %100
82	M144A	Z	-5.888	-5.888	0 %100
83	M145B	X	2.952	2.952	0 %100
84	M145B	Z	-5.113	-5.113	0 %100
85	M148A	X	1.615	1.615	0 %100
86	M148A	Z	-2.797	-2.797	0 %100
87	M152	X	1.615	1.615	0 %100
88	M152	Z	-2.797	-2.797	0 %100
89	M154	X	1.615	1.615	0 %100
90	M154	Z	-2.797	-2.797	0 %100
91	M152A	X	1.568	1.568	0 %100
92	M152A	Z	-2.717	-2.717	0 %100



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 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, %]
93	M153A	X	1.568	1.568	0 %100
94	M153A	Z	-2.717	-2.717	0 %100
95	M156	X	1.494	1.494	0 %100
96	M156	Z	-2.587	-2.587	0 %100
97	M160	X	.456	.456	0 %100
98	M160	Z	-.789	-.789	0 %100
99	M161	X	.456	.456	0 %100
100	M161	Z	-.789	-.789	0 %100
101	M164	X	1.494	1.494	0 %100
102	M164	Z	-2.587	-2.587	0 %100
103	M169	X	1.823	1.823	0 %100
104	M169	Z	-3.158	-3.158	0 %100
105	M170	X	1.823	1.823	0 %100
106	M170	Z	-3.158	-3.158	0 %100
107	M173	X	0	0	0 %100
108	M173	Z	0	0	0 %100
109	M173A	X	1.283	1.283	0 %100
110	M173A	Z	-2.222	-2.222	0 %100
111	M174	X	1.499	1.499	0 %100
112	M174	Z	-2.597	-2.597	0 %100
113	M175	X	1.44	1.44	0 %100
114	M175	Z	-2.494	-2.494	0 %100
115	M176	X	1.499	1.499	0 %100
116	M176	Z	-2.597	-2.597	0 %100
117	M177	X	1.289	1.289	0 %100
118	M177	Z	-2.232	-2.232	0 %100
119	M178	X	1.499	1.499	0 %100
120	M178	Z	-2.597	-2.597	0 %100
121	M179	X	1.439	1.439	0 %100
122	M179	Z	-2.492	-2.492	0 %100
123	M180	X	.813	.813	0 %100
124	M180	Z	-1.408	-1.408	0 %100
125	M181	X	1.499	1.499	0 %100
126	M181	Z	-2.597	-2.597	0 %100
127	M182	X	.676	.676	0 %100
128	M182	Z	-1.172	-1.172	0 %100
129	M183	X	1.499	1.499	0 %100
130	M183	Z	-2.597	-2.597	0 %100
131	M184	X	.873	.873	0 %100
132	M184	Z	-1.511	-1.511	0 %100
133	M185	X	1.499	1.499	0 %100
134	M185	Z	-2.597	-2.597	0 %100
135	M186	X	.661	.661	0 %100
136	M186	Z	-1.145	-1.145	0 %100
137	MP2A	X	1.418	1.418	0 %100
138	MP2A	Z	-2.456	-2.456	0 %100
139	MP3A	X	1.418	1.418	0 %100
140	MP3A	Z	-2.456	-2.456	0 %100
141	MP4A	X	1.418	1.418	0 %100
142	MP4A	Z	-2.456	-2.456	0 %100
143	MP1C	X	1.418	1.418	0 %100
144	MP1C	Z	-2.456	-2.456	0 %100
145	MP2C	X	1.418	1.418	0 %100
146	MP2C	Z	-2.456	-2.456	0 %100
147	MP3C	X	1.418	1.418	0 %100
148	MP3C	Z	-2.456	-2.456	0 %100
149	MP4C	X	1.418	1.418	0 %100



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 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, %]
150	MP4C	Z	-2.456	-2.456	0 %100
151	MP1B	X	1.418	1.418	0 %100
152	MP1B	Z	-2.456	-2.456	0 %100
153	MP2B	X	1.418	1.418	0 %100
154	MP2B	Z	-2.456	-2.456	0 %100
155	MP3B	X	1.418	1.418	0 %100
156	MP3B	Z	-2.456	-2.456	0 %100
157	MP4B	X	1.418	1.418	0 %100
158	MP4B	Z	-2.456	-2.456	0 %100
159	M148B	X	1.163	1.163	0 %100
160	M148B	Z	-2.014	-2.014	0 %100
161	M153B	X	.274	.274	0 %100
162	M153B	Z	-.474	-.474	0 %100
163	M154B	X	.274	.274	0 %100
164	M154B	Z	-.474	-.474	0 %100
165	M159A	X	.274	.274	0 %100
166	M159A	Z	-.474	-.474	0 %100
167	M160A	X	.274	.274	0 %100
168	M160A	Z	-.474	-.474	0 %100
169	M162A	X	1.163	1.163	0 %100
170	M162A	Z	-2.014	-2.014	0 %100
171	M167A	X	.037	.037	0 %100
172	M167A	Z	-.064	-.064	0 %100
173	M168A	X	.037	.037	0 %100
174	M168A	Z	-.064	-.064	0 %100
175	M173B	X	.037	.037	0 %100
176	M173B	Z	-.064	-.064	0 %100
177	M174A	X	.037	.037	0 %100
178	M174A	Z	-.064	-.064	0 %100
179	M176A	X	1.163	1.163	0 %100
180	M176A	Z	-2.014	-2.014	0 %100
181	M181A	X	.511	.511	0 %100
182	M181A	Z	-.885	-.885	0 %100
183	M182A	X	.511	.511	0 %100
184	M182A	Z	-.885	-.885	0 %100
185	M187B	X	.511	.511	0 %100
186	M187B	Z	-.885	-.885	0 %100
187	M188	X	.511	.511	0 %100
188	M188	Z	-.885	-.885	0 %100
189	M187C	X	1.096	1.096	0 %100
190	M187C	Z	-1.898	-1.898	0 %100
191	M190	X	1.096	1.096	0 %100
192	M190	Z	-1.898	-1.898	0 %100
193	M193	X	1.096	1.096	0 %100
194	M193	Z	-1.898	-1.898	0 %100
195	M198	X	1.418	1.418	0 %100
196	M198	Z	-2.456	-2.456	0 %100
197	M201	X	1.418	1.418	0 %100
198	M201	Z	-2.456	-2.456	0 %100
199	M204	X	1.418	1.418	0 %100
200	M204	Z	-2.456	-2.456	0 %100
201	M209	X	1.176	1.176	0 %100
202	M209	Z	-2.037	-2.037	0 %100
203	M214	X	1.176	1.176	0 %100
204	M214	Z	-2.037	-2.037	0 %100
205	M219	X	0	0	0 %100
206	M219	Z	0	0	0 %100

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, %]
207	M226	X	1.396	1.396	0	%100
208	M226	Z	-2.419	-2.419	0	%100
209	M227	X	1.396	1.396	0	%100
210	M227	Z	-2.419	-2.419	0	%100
211	M228	X	0	0	0	%100
212	M228	Z	0	0	0	%100
213	M231	X	.418	.418	0	%100
214	M231	Z	-.724	-.724	0	%100
215	M233	X	.418	.418	0	%100
216	M233	Z	-.724	-.724	0	%100
217	M237	X	0	0	0	%100
218	M237	Z	0	0	0	%100
219	M242	X	1.127	1.127	0	%100
220	M242	Z	-1.953	-1.953	0	%100
221	M243	X	1.275	1.275	0	%100
222	M243	Z	-2.208	-2.208	0	%100
223	M244	X	1.614	1.614	0	%100
224	M244	Z	-2.796	-2.796	0	%100
225	M251A	X	1.614	1.614	0	%100
226	M251A	Z	-2.796	-2.796	0	%100
227	M253	X	1.614	1.614	0	%100
228	M253	Z	-2.796	-2.796	0	%100
229	M256	X	1.474	1.474	0	%100
230	M256	Z	-2.553	-2.553	0	%100
231	M257	X	1.474	1.474	0	%100
232	M257	Z	-2.553	-2.553	0	%100
233	M258	X	2.021	2.021	0	%100
234	M258	Z	-3.5	-3.5	0	%100
235	M259	X	1.127	1.127	0	%100
236	M259	Z	-1.953	-1.953	0	%100
237	M260	X	1.275	1.275	0	%100
238	M260	Z	-2.208	-2.208	0	%100
239	M261	X	1.614	1.614	0	%100
240	M261	Z	-2.796	-2.796	0	%100
241	M262	X	1.706	1.706	0	%100
242	M262	Z	-2.956	-2.956	0	%100
243	M263	X	1.7	1.7	0	%100
244	M263	Z	-2.944	-2.944	0	%100
245	M264	X	1.614	1.614	0	%100
246	M264	Z	-2.796	-2.796	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M1	X	4.416	4.416	0	%100
2	M1	Z	-2.549	-2.549	0	%100
3	M2	X	3.835	3.835	0	%100
4	M2	Z	-2.214	-2.214	0	%100
5	M3	X	2.796	2.796	0	%100
6	M3	Z	-1.614	-1.614	0	%100
7	M6	X	2.098	2.098	0	%100
8	M6	Z	-1.211	-1.211	0	%100
9	M27	X	.701	.701	0	%100
10	M27	Z	-.405	-.405	0	%100
11	M33	X	.701	.701	0	%100
12	M33	Z	-.405	-.405	0	%100
13	M34	X	1.608	1.608	0	%100



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 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, %]
14	M34	Z	-.928	-.928	0 %100
15	M35	X	1.608	1.608	0 %100
16	M35	Z	-.928	-.928	0 %100
17	MP1A	X	2.456	2.456	0 %100
18	MP1A	Z	-1.418	-1.418	0 %100
19	M147	X	2.368	2.368	0 %100
20	M147	Z	-1.367	-1.367	0 %100
21	M148	X	2.368	2.368	0 %100
22	M148	Z	-1.367	-1.367	0 %100
23	M103A	X	1.679	1.679	0 %100
24	M103A	Z	-.969	-.969	0 %100
25	M104A	X	2.597	2.597	0 %100
26	M104A	Z	-1.499	-1.499	0 %100
27	M101A	X	1.612	1.612	0 %100
28	M101A	Z	-.931	-.931	0 %100
29	M101B	X	2.597	2.597	0 %100
30	M101B	Z	-1.499	-1.499	0 %100
31	M102A	X	1.752	1.752	0 %100
32	M102A	Z	-1.011	-1.011	0 %100
33	M103B	X	2.597	2.597	0 %100
34	M103B	Z	-1.499	-1.499	0 %100
35	M104B	X	1.594	1.594	0 %100
36	M104B	Z	-.92	-.92	0 %100
37	M110B	X	2.717	2.717	0 %100
38	M110B	Z	-1.568	-1.568	0 %100
39	M109B	X	.701	.701	0 %100
40	M109B	Z	-.405	-.405	0 %100
41	M110C	X	.701	.701	0 %100
42	M110C	Z	-.405	-.405	0 %100
43	M108A	X	2.804	2.804	0 %100
44	M108A	Z	-1.619	-1.619	0 %100
45	M109A	X	2.804	2.804	0 %100
46	M109A	Z	-1.619	-1.619	0 %100
47	M112A	X	.701	.701	0 %100
48	M112A	Z	-.405	-.405	0 %100
49	M113A	X	.701	.701	0 %100
50	M113A	Z	-.405	-.405	0 %100
51	M116A	X	6.43	6.43	0 %100
52	M116A	Z	-3.713	-3.713	0 %100
53	M117B	X	1.608	1.608	0 %100
54	M117B	Z	-.928	-.928	0 %100
55	M118A	X	2.098	2.098	0 %100
56	M118A	Z	-1.211	-1.211	0 %100
57	M118C	X	2.098	2.098	0 %100
58	M118C	Z	-1.211	-1.211	0 %100
59	M122A	X	6.43	6.43	0 %100
60	M122A	Z	-3.713	-3.713	0 %100
61	M123A	X	2.804	2.804	0 %100
62	M123A	Z	-1.619	-1.619	0 %100
63	M124A	X	2.804	2.804	0 %100
64	M124A	Z	-1.619	-1.619	0 %100
65	M127A	X	1.608	1.608	0 %100
66	M127A	Z	-.928	-.928	0 %100
67	M128A	X	.701	.701	0 %100
68	M128A	Z	-.405	-.405	0 %100
69	M129A	X	.701	.701	0 %100
70	M129A	Z	-.405	-.405	0 %100



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 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, %]	
71	M132A	X	0	0	0	%100
72	M132A	Z	0	0	0	%100
73	M133A	X	0	0	0	%100
74	M133A	Z	0	0	0	%100
75	M136B	X	0	0	0	%100
76	M136B	Z	0	0	0	%100
77	M140A	X	0	0	0	%100
78	M140A	Z	0	0	0	%100
79	M142A	X	0	0	0	%100
80	M142A	Z	0	0	0	%100
81	M144A	X	4.416	4.416	0	%100
82	M144A	Z	-2.549	-2.549	0	%100
83	M145B	X	3.835	3.835	0	%100
84	M145B	Z	-2.214	-2.214	0	%100
85	M148A	X	2.098	2.098	0	%100
86	M148A	Z	-1.211	-1.211	0	%100
87	M152	X	2.098	2.098	0	%100
88	M152	Z	-1.211	-1.211	0	%100
89	M154	X	2.098	2.098	0	%100
90	M154	Z	-1.211	-1.211	0	%100
91	M152A	X	2.717	2.717	0	%100
92	M152A	Z	-1.568	-1.568	0	%100
93	M153A	X	2.717	2.717	0	%100
94	M153A	Z	-1.568	-1.568	0	%100
95	M156	X	.862	.862	0	%100
96	M156	Z	-.498	-.498	0	%100
97	M160	X	0	0	0	%100
98	M160	Z	0	0	0	%100
99	M161	X	0	0	0	%100
100	M161	Z	0	0	0	%100
101	M164	X	3.449	3.449	0	%100
102	M164	Z	-1.991	-1.991	0	%100
103	M169	X	2.368	2.368	0	%100
104	M169	Z	-1.367	-1.367	0	%100
105	M170	X	2.368	2.368	0	%100
106	M170	Z	-1.367	-1.367	0	%100
107	M173	X	.862	.862	0	%100
108	M173	Z	-.498	-.498	0	%100
109	M173A	X	2.493	2.493	0	%100
110	M173A	Z	-1.439	-1.439	0	%100
111	M174	X	2.597	2.597	0	%100
112	M174	Z	-1.499	-1.499	0	%100
113	M175	X	2.935	2.935	0	%100
114	M175	Z	-1.694	-1.694	0	%100
115	M176	X	2.597	2.597	0	%100
116	M176	Z	-1.499	-1.499	0	%100
117	M177	X	2.473	2.473	0	%100
118	M177	Z	-1.428	-1.428	0	%100
119	M178	X	2.597	2.597	0	%100
120	M178	Z	-1.499	-1.499	0	%100
121	M179	X	2.942	2.942	0	%100
122	M179	Z	-1.698	-1.698	0	%100
123	M180	X	1.679	1.679	0	%100
124	M180	Z	-.969	-.969	0	%100
125	M181	X	2.597	2.597	0	%100
126	M181	Z	-1.499	-1.499	0	%100
127	M182	X	1.612	1.612	0	%100



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 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, %]
128	M182	Z	- .931	- .931	0 %100
129	M183	X	2.597	2.597	0 %100
130	M183	Z	-1.499	-1.499	0 %100
131	M184	X	1.752	1.752	0 %100
132	M184	Z	-1.011	-1.011	0 %100
133	M185	X	2.597	2.597	0 %100
134	M185	Z	-1.499	-1.499	0 %100
135	M186	X	1.594	1.594	0 %100
136	M186	Z	- .92	- .92	0 %100
137	MP2A	X	2.456	2.456	0 %100
138	MP2A	Z	-1.418	-1.418	0 %100
139	MP3A	X	2.456	2.456	0 %100
140	MP3A	Z	-1.418	-1.418	0 %100
141	MP4A	X	2.456	2.456	0 %100
142	MP4A	Z	-1.418	-1.418	0 %100
143	MP1C	X	2.456	2.456	0 %100
144	MP1C	Z	-1.418	-1.418	0 %100
145	MP2C	X	2.456	2.456	0 %100
146	MP2C	Z	-1.418	-1.418	0 %100
147	MP3C	X	2.456	2.456	0 %100
148	MP3C	Z	-1.418	-1.418	0 %100
149	MP4C	X	2.456	2.456	0 %100
150	MP4C	Z	-1.418	-1.418	0 %100
151	MP1B	X	2.456	2.456	0 %100
152	MP1B	Z	-1.418	-1.418	0 %100
153	MP2B	X	2.456	2.456	0 %100
154	MP2B	Z	-1.418	-1.418	0 %100
155	MP3B	X	2.456	2.456	0 %100
156	MP3B	Z	-1.418	-1.418	0 %100
157	MP4B	X	2.456	2.456	0 %100
158	MP4B	Z	-1.418	-1.418	0 %100
159	M148B	X	2.014	2.014	0 %100
160	M148B	Z	-1.163	-1.163	0 %100
161	M153B	X	.885	.885	0 %100
162	M153B	Z	- .511	- .511	0 %100
163	M154B	X	.885	.885	0 %100
164	M154B	Z	- .511	- .511	0 %100
165	M159A	X	.885	.885	0 %100
166	M159A	Z	- .511	- .511	0 %100
167	M160A	X	.885	.885	0 %100
168	M160A	Z	- .511	- .511	0 %100
169	M162A	X	2.014	2.014	0 %100
170	M162A	Z	-1.163	-1.163	0 %100
171	M167A	X	.064	.064	0 %100
172	M167A	Z	- .037	- .037	0 %100
173	M168A	X	.064	.064	0 %100
174	M168A	Z	- .037	- .037	0 %100
175	M173B	X	.064	.064	0 %100
176	M173B	Z	- .037	- .037	0 %100
177	M174A	X	.064	.064	0 %100
178	M174A	Z	- .037	- .037	0 %100
179	M176A	X	2.014	2.014	0 %100
180	M176A	Z	-1.163	-1.163	0 %100
181	M181A	X	.474	.474	0 %100
182	M181A	Z	- .274	- .274	0 %100
183	M182A	X	.474	.474	0 %100
184	M182A	Z	- .274	- .274	0 %100

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, %]
185	M187B	X	.474	.474	0 %100
186	M187B	Z	-.274	-.274	0 %100
187	M188	X	.474	.474	0 %100
188	M188	Z	-.274	-.274	0 %100
189	M187C	X	1.898	1.898	0 %100
190	M187C	Z	-1.096	-1.096	0 %100
191	M190	X	1.898	1.898	0 %100
192	M190	Z	-1.096	-1.096	0 %100
193	M193	X	1.898	1.898	0 %100
194	M193	Z	-1.096	-1.096	0 %100
195	M198	X	2.456	2.456	0 %100
196	M198	Z	-1.418	-1.418	0 %100
197	M201	X	2.456	2.456	0 %100
198	M201	Z	-1.418	-1.418	0 %100
199	M204	X	2.456	2.456	0 %100
200	M204	Z	-1.418	-1.418	0 %100
201	M209	X	.679	.679	0 %100
202	M209	Z	-.392	-.392	0 %100
203	M214	X	2.717	2.717	0 %100
204	M214	Z	-1.568	-1.568	0 %100
205	M219	X	.679	.679	0 %100
206	M219	Z	-.392	-.392	0 %100
207	M226	X	.806	.806	0 %100
208	M226	Z	-.465	-.465	0 %100
209	M227	X	3.225	3.225	0 %100
210	M227	Z	-1.862	-1.862	0 %100
211	M228	X	.806	.806	0 %100
212	M228	Z	-.465	-.465	0 %100
213	M231	X	.241	.241	0 %100
214	M231	Z	-.139	-.139	0 %100
215	M233	X	.966	.966	0 %100
216	M233	Z	-.558	-.558	0 %100
217	M237	X	.241	.241	0 %100
218	M237	Z	-.139	-.139	0 %100
219	M242	X	2.621	2.621	0 %100
220	M242	Z	-1.513	-1.513	0 %100
221	M243	X	2.699	2.699	0 %100
222	M243	Z	-1.558	-1.558	0 %100
223	M244	X	2.796	2.796	0 %100
224	M244	Z	-1.614	-1.614	0 %100
225	M251A	X	2.796	2.796	0 %100
226	M251A	Z	-1.614	-1.614	0 %100
227	M253	X	2.796	2.796	0 %100
228	M253	Z	-1.614	-1.614	0 %100
229	M256	X	3.184	3.184	0 %100
230	M256	Z	-1.839	-1.839	0 %100
231	M257	X	2.237	2.237	0 %100
232	M257	Z	-1.292	-1.292	0 %100
233	M258	X	3.184	3.184	0 %100
234	M258	Z	-1.839	-1.839	0 %100
235	M259	X	1.618	1.618	0 %100
236	M259	Z	-.934	-.934	0 %100
237	M260	X	1.963	1.963	0 %100
238	M260	Z	-1.133	-1.133	0 %100
239	M261	X	2.796	2.796	0 %100
240	M261	Z	-1.614	-1.614	0 %100
241	M262	X	2.621	2.621	0 %100



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 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, %]
242	M262	Z	-1.513	-1.513	0	%100
243	M263	X	2.699	2.699	0	%100
244	M263	Z	-1.558	-1.558	0	%100
245	M264	X	2.796	2.796	0	%100
246	M264	Z	-1.614	-1.614	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M1	X	6.798	6.798	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	5.904	5.904	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	3.228	3.228	0	%100
6	M3	Z	0	0	0	%100
7	M6	X	3.23	3.23	0	%100
8	M6	Z	0	0	0	%100
9	M27	X	0	0	0	%100
10	M27	Z	0	0	0	%100
11	M33	X	0	0	0	%100
12	M33	Z	0	0	0	%100
13	M34	X	0	0	0	%100
14	M34	Z	0	0	0	%100
15	M35	X	0	0	0	%100
16	M35	Z	0	0	0	%100
17	MP1A	X	2.836	2.836	0	%100
18	MP1A	Z	0	0	0	%100
19	M147	X	3.646	3.646	0	%100
20	M147	Z	0	0	0	%100
21	M148	X	3.646	3.646	0	%100
22	M148	Z	0	0	0	%100
23	M103A	X	1.626	1.626	0	%100
24	M103A	Z	0	0	0	%100
25	M104A	X	2.998	2.998	0	%100
26	M104A	Z	0	0	0	%100
27	M101A	X	1.353	1.353	0	%100
28	M101A	Z	0	0	0	%100
29	M101B	X	2.998	2.998	0	%100
30	M101B	Z	0	0	0	%100
31	M102A	X	1.745	1.745	0	%100
32	M102A	Z	0	0	0	%100
33	M103B	X	2.998	2.998	0	%100
34	M103B	Z	0	0	0	%100
35	M104B	X	1.322	1.322	0	%100
36	M104B	Z	0	0	0	%100
37	M110B	X	3.137	3.137	0	%100
38	M110B	Z	0	0	0	%100
39	M109B	X	0	0	0	%100
40	M109B	Z	0	0	0	%100
41	M110C	X	0	0	0	%100
42	M110C	Z	0	0	0	%100
43	M108A	X	2.428	2.428	0	%100
44	M108A	Z	0	0	0	%100
45	M109A	X	2.428	2.428	0	%100
46	M109A	Z	0	0	0	%100
47	M112A	X	2.428	2.428	0	%100
48	M112A	Z	0	0	0	%100



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 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, %]
49	M113A	X	2.428	2.428	0 %100
50	M113A	Z	0	0	0 %100
51	M116A	X	5.569	5.569	0 %100
52	M116A	Z	0	0	0 %100
53	M117B	X	5.569	5.569	0 %100
54	M117B	Z	0	0	0 %100
55	M118A	X	3.23	3.23	0 %100
56	M118A	Z	0	0	0 %100
57	M118C	X	3.23	3.23	0 %100
58	M118C	Z	0	0	0 %100
59	M122A	X	5.569	5.569	0 %100
60	M122A	Z	0	0	0 %100
61	M123A	X	2.428	2.428	0 %100
62	M123A	Z	0	0	0 %100
63	M124A	X	2.428	2.428	0 %100
64	M124A	Z	0	0	0 %100
65	M127A	X	5.569	5.569	0 %100
66	M127A	Z	0	0	0 %100
67	M128A	X	2.428	2.428	0 %100
68	M128A	Z	0	0	0 %100
69	M129A	X	2.428	2.428	0 %100
70	M129A	Z	0	0	0 %100
71	M132A	X	1.7	1.7	0 %100
72	M132A	Z	0	0	0 %100
73	M133A	X	1.476	1.476	0 %100
74	M133A	Z	0	0	0 %100
75	M136B	X	.807	.807	0 %100
76	M136B	Z	0	0	0 %100
77	M140A	X	.807	.807	0 %100
78	M140A	Z	0	0	0 %100
79	M142A	X	.807	.807	0 %100
80	M142A	Z	0	0	0 %100
81	M144A	X	1.7	1.7	0 %100
82	M144A	Z	0	0	0 %100
83	M145B	X	1.476	1.476	0 %100
84	M145B	Z	0	0	0 %100
85	M148A	X	.807	.807	0 %100
86	M148A	Z	0	0	0 %100
87	M152	X	.807	.807	0 %100
88	M152	Z	0	0	0 %100
89	M154	X	.807	.807	0 %100
90	M154	Z	0	0	0 %100
91	M152A	X	3.137	3.137	0 %100
92	M152A	Z	0	0	0 %100
93	M153A	X	3.137	3.137	0 %100
94	M153A	Z	0	0	0 %100
95	M156	X	0	0	0 %100
96	M156	Z	0	0	0 %100
97	M160	X	.912	.912	0 %100
98	M160	Z	0	0	0 %100
99	M161	X	.912	.912	0 %100
100	M161	Z	0	0	0 %100
101	M164	X	2.987	2.987	0 %100
102	M164	Z	0	0	0 %100
103	M169	X	.912	.912	0 %100
104	M169	Z	0	0	0 %100
105	M170	X	.912	.912	0 %100



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 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,%]	
106	M170	Z	0	0	0	%100
107	M173	X	2.987	2.987	0	%100
108	M173	Z	0	0	0	%100
109	M173A	X	2.566	2.566	0	%100
110	M173A	Z	0	0	0	%100
111	M174	X	2.998	2.998	0	%100
112	M174	Z	0	0	0	%100
113	M175	X	2.88	2.88	0	%100
114	M175	Z	0	0	0	%100
115	M176	X	2.998	2.998	0	%100
116	M176	Z	0	0	0	%100
117	M177	X	2.578	2.578	0	%100
118	M177	Z	0	0	0	%100
119	M178	X	2.998	2.998	0	%100
120	M178	Z	0	0	0	%100
121	M179	X	2.878	2.878	0	%100
122	M179	Z	0	0	0	%100
123	M180	X	2.566	2.566	0	%100
124	M180	Z	0	0	0	%100
125	M181	X	2.998	2.998	0	%100
126	M181	Z	0	0	0	%100
127	M182	X	2.88	2.88	0	%100
128	M182	Z	0	0	0	%100
129	M183	X	2.998	2.998	0	%100
130	M183	Z	0	0	0	%100
131	M184	X	2.578	2.578	0	%100
132	M184	Z	0	0	0	%100
133	M185	X	2.998	2.998	0	%100
134	M185	Z	0	0	0	%100
135	M186	X	2.878	2.878	0	%100
136	M186	Z	0	0	0	%100
137	MP2A	X	2.836	2.836	0	%100
138	MP2A	Z	0	0	0	%100
139	MP3A	X	2.836	2.836	0	%100
140	MP3A	Z	0	0	0	%100
141	MP4A	X	2.836	2.836	0	%100
142	MP4A	Z	0	0	0	%100
143	MP1C	X	2.836	2.836	0	%100
144	MP1C	Z	0	0	0	%100
145	MP2C	X	2.836	2.836	0	%100
146	MP2C	Z	0	0	0	%100
147	MP3C	X	2.836	2.836	0	%100
148	MP3C	Z	0	0	0	%100
149	MP4C	X	2.836	2.836	0	%100
150	MP4C	Z	0	0	0	%100
151	MP1B	X	2.836	2.836	0	%100
152	MP1B	Z	0	0	0	%100
153	MP2B	X	2.836	2.836	0	%100
154	MP2B	Z	0	0	0	%100
155	MP3B	X	2.836	2.836	0	%100
156	MP3B	Z	0	0	0	%100
157	MP4B	X	2.836	2.836	0	%100
158	MP4B	Z	0	0	0	%100
159	M148B	X	2.326	2.326	0	%100
160	M148B	Z	0	0	0	%100
161	M153B	X	1.022	1.022	0	%100
162	M153B	Z	0	0	0	%100



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 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, %]
163	M154B	X	1.022	1.022	0 %100
164	M154B	Z	0	0	0 %100
165	M159A	X	1.022	1.022	0 %100
166	M159A	Z	0	0	0 %100
167	M160A	X	1.022	1.022	0 %100
168	M160A	Z	0	0	0 %100
169	M162A	X	2.326	2.326	0 %100
170	M162A	Z	0	0	0 %100
171	M167A	X	.548	.548	0 %100
172	M167A	Z	0	0	0 %100
173	M168A	X	.548	.548	0 %100
174	M168A	Z	0	0	0 %100
175	M173B	X	.548	.548	0 %100
176	M173B	Z	0	0	0 %100
177	M174A	X	.548	.548	0 %100
178	M174A	Z	0	0	0 %100
179	M176A	X	2.326	2.326	0 %100
180	M176A	Z	0	0	0 %100
181	M181A	X	.073	.073	0 %100
182	M181A	Z	0	0	0 %100
183	M182A	X	.073	.073	0 %100
184	M182A	Z	0	0	0 %100
185	M187B	X	.073	.073	0 %100
186	M187B	Z	0	0	0 %100
187	M188	X	.073	.073	0 %100
188	M188	Z	0	0	0 %100
189	M187C	X	2.192	2.192	0 %100
190	M187C	Z	0	0	0 %100
191	M190	X	2.192	2.192	0 %100
192	M190	Z	0	0	0 %100
193	M193	X	2.192	2.192	0 %100
194	M193	Z	0	0	0 %100
195	M198	X	2.836	2.836	0 %100
196	M198	Z	0	0	0 %100
197	M201	X	2.836	2.836	0 %100
198	M201	Z	0	0	0 %100
199	M204	X	2.836	2.836	0 %100
200	M204	Z	0	0	0 %100
201	M209	X	0	0	0 %100
202	M209	Z	0	0	0 %100
203	M214	X	2.353	2.353	0 %100
204	M214	Z	0	0	0 %100
205	M219	X	2.353	2.353	0 %100
206	M219	Z	0	0	0 %100
207	M226	X	0	0	0 %100
208	M226	Z	0	0	0 %100
209	M227	X	2.793	2.793	0 %100
210	M227	Z	0	0	0 %100
211	M228	X	2.793	2.793	0 %100
212	M228	Z	0	0	0 %100
213	M231	X	0	0	0 %100
214	M231	Z	0	0	0 %100
215	M233	X	.837	.837	0 %100
216	M233	Z	0	0	0 %100
217	M237	X	.837	.837	0 %100
218	M237	Z	0	0	0 %100
219	M242	X	3.413	3.413	0 %100

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, %]
220	M242	Z	0	0	0	%100
221	M243	X	3.4	3.4	0	%100
222	M243	Z	0	0	0	%100
223	M244	X	3.228	3.228	0	%100
224	M244	Z	0	0	0	%100
225	M251A	X	3.228	3.228	0	%100
226	M251A	Z	0	0	0	%100
227	M253	X	3.228	3.228	0	%100
228	M253	Z	0	0	0	%100
229	M256	X	4.042	4.042	0	%100
230	M256	Z	0	0	0	%100
231	M257	X	2.948	2.948	0	%100
232	M257	Z	0	0	0	%100
233	M258	X	2.948	2.948	0	%100
234	M258	Z	0	0	0	%100
235	M259	X	2.255	2.255	0	%100
236	M259	Z	0	0	0	%100
237	M260	X	2.55	2.55	0	%100
238	M260	Z	0	0	0	%100
239	M261	X	3.228	3.228	0	%100
240	M261	Z	0	0	0	%100
241	M262	X	2.255	2.255	0	%100
242	M262	Z	0	0	0	%100
243	M263	X	2.55	2.55	0	%100
244	M263	Z	0	0	0	%100
245	M264	X	3.228	3.228	0	%100
246	M264	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M1	X	4.416	4.416	0	%100
2	M1	Z	2.549	2.549	0	%100
3	M2	X	3.835	3.835	0	%100
4	M2	Z	2.214	2.214	0	%100
5	M3	X	2.796	2.796	0	%100
6	M3	Z	1.614	1.614	0	%100
7	M6	X	2.098	2.098	0	%100
8	M6	Z	1.211	1.211	0	%100
9	M27	X	.701	.701	0	%100
10	M27	Z	.405	.405	0	%100
11	M33	X	.701	.701	0	%100
12	M33	Z	.405	.405	0	%100
13	M34	X	1.608	1.608	0	%100
14	M34	Z	.928	.928	0	%100
15	M35	X	1.608	1.608	0	%100
16	M35	Z	.928	.928	0	%100
17	MP1A	X	2.456	2.456	0	%100
18	MP1A	Z	1.418	1.418	0	%100
19	M147	X	2.368	2.368	0	%100
20	M147	Z	1.367	1.367	0	%100
21	M148	X	2.368	2.368	0	%100
22	M148	Z	1.367	1.367	0	%100
23	M103A	X	1.679	1.679	0	%100
24	M103A	Z	.969	.969	0	%100
25	M104A	X	2.597	2.597	0	%100
26	M104A	Z	1.499	1.499	0	%100



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 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, %]
27	M101A	X	1.612	1.612	0	%100
28	M101A	Z	.931	.931	0	%100
29	M101B	X	2.597	2.597	0	%100
30	M101B	Z	1.499	1.499	0	%100
31	M102A	X	1.752	1.752	0	%100
32	M102A	Z	1.011	1.011	0	%100
33	M103B	X	2.597	2.597	0	%100
34	M103B	Z	1.499	1.499	0	%100
35	M104B	X	1.594	1.594	0	%100
36	M104B	Z	.92	.92	0	%100
37	M110B	X	2.717	2.717	0	%100
38	M110B	Z	1.568	1.568	0	%100
39	M109B	X	.701	.701	0	%100
40	M109B	Z	.405	.405	0	%100
41	M110C	X	.701	.701	0	%100
42	M110C	Z	.405	.405	0	%100
43	M108A	X	.701	.701	0	%100
44	M108A	Z	.405	.405	0	%100
45	M109A	X	.701	.701	0	%100
46	M109A	Z	.405	.405	0	%100
47	M112A	X	2.804	2.804	0	%100
48	M112A	Z	1.619	1.619	0	%100
49	M113A	X	2.804	2.804	0	%100
50	M113A	Z	1.619	1.619	0	%100
51	M116A	X	1.608	1.608	0	%100
52	M116A	Z	.928	.928	0	%100
53	M117B	X	6.43	6.43	0	%100
54	M117B	Z	3.713	3.713	0	%100
55	M118A	X	2.098	2.098	0	%100
56	M118A	Z	1.211	1.211	0	%100
57	M118C	X	2.098	2.098	0	%100
58	M118C	Z	1.211	1.211	0	%100
59	M122A	X	1.608	1.608	0	%100
60	M122A	Z	.928	.928	0	%100
61	M123A	X	.701	.701	0	%100
62	M123A	Z	.405	.405	0	%100
63	M124A	X	.701	.701	0	%100
64	M124A	Z	.405	.405	0	%100
65	M127A	X	6.43	6.43	0	%100
66	M127A	Z	3.713	3.713	0	%100
67	M128A	X	2.804	2.804	0	%100
68	M128A	Z	1.619	1.619	0	%100
69	M129A	X	2.804	2.804	0	%100
70	M129A	Z	1.619	1.619	0	%100
71	M132A	X	4.416	4.416	0	%100
72	M132A	Z	2.549	2.549	0	%100
73	M133A	X	3.835	3.835	0	%100
74	M133A	Z	2.214	2.214	0	%100
75	M136B	X	2.098	2.098	0	%100
76	M136B	Z	1.211	1.211	0	%100
77	M140A	X	2.098	2.098	0	%100
78	M140A	Z	1.211	1.211	0	%100
79	M142A	X	2.098	2.098	0	%100
80	M142A	Z	1.211	1.211	0	%100
81	M144A	X	0	0	0	%100
82	M144A	Z	0	0	0	%100
83	M145B	X	0	0	0	%100



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 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, %]	
84	M145B	Z	0	0	0	%100
85	M148A	X	0	0	0	%100
86	M148A	Z	0	0	0	%100
87	M152	X	0	0	0	%100
88	M152	Z	0	0	0	%100
89	M154	X	0	0	0	%100
90	M154	Z	0	0	0	%100
91	M152A	X	2.717	2.717	0	%100
92	M152A	Z	1.568	1.568	0	%100
93	M153A	X	2.717	2.717	0	%100
94	M153A	Z	1.568	1.568	0	%100
95	M156	X	.862	.862	0	%100
96	M156	Z	.498	.498	0	%100
97	M160	X	2.368	2.368	0	%100
98	M160	Z	1.367	1.367	0	%100
99	M161	X	2.368	2.368	0	%100
100	M161	Z	1.367	1.367	0	%100
101	M164	X	.862	.862	0	%100
102	M164	Z	.498	.498	0	%100
103	M169	X	0	0	0	%100
104	M169	Z	0	0	0	%100
105	M170	X	0	0	0	%100
106	M170	Z	0	0	0	%100
107	M173	X	3.449	3.449	0	%100
108	M173	Z	1.991	1.991	0	%100
109	M173A	X	1.679	1.679	0	%100
110	M173A	Z	.969	.969	0	%100
111	M174	X	2.597	2.597	0	%100
112	M174	Z	1.499	1.499	0	%100
113	M175	X	1.612	1.612	0	%100
114	M175	Z	.931	.931	0	%100
115	M176	X	2.597	2.597	0	%100
116	M176	Z	1.499	1.499	0	%100
117	M177	X	1.752	1.752	0	%100
118	M177	Z	1.011	1.011	0	%100
119	M178	X	2.597	2.597	0	%100
120	M178	Z	1.499	1.499	0	%100
121	M179	X	1.594	1.594	0	%100
122	M179	Z	.92	.92	0	%100
123	M180	X	2.493	2.493	0	%100
124	M180	Z	1.439	1.439	0	%100
125	M181	X	2.597	2.597	0	%100
126	M181	Z	1.499	1.499	0	%100
127	M182	X	2.935	2.935	0	%100
128	M182	Z	1.694	1.694	0	%100
129	M183	X	2.597	2.597	0	%100
130	M183	Z	1.499	1.499	0	%100
131	M184	X	2.473	2.473	0	%100
132	M184	Z	1.428	1.428	0	%100
133	M185	X	2.597	2.597	0	%100
134	M185	Z	1.499	1.499	0	%100
135	M186	X	2.942	2.942	0	%100
136	M186	Z	1.698	1.698	0	%100
137	MP2A	X	2.456	2.456	0	%100
138	MP2A	Z	1.418	1.418	0	%100
139	MP3A	X	2.456	2.456	0	%100
140	MP3A	Z	1.418	1.418	0	%100



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 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, %]
141	MP4A	X	2.456	2.456	0 %100
142	MP4A	Z	1.418	1.418	0 %100
143	MP1C	X	2.456	2.456	0 %100
144	MP1C	Z	1.418	1.418	0 %100
145	MP2C	X	2.456	2.456	0 %100
146	MP2C	Z	1.418	1.418	0 %100
147	MP3C	X	2.456	2.456	0 %100
148	MP3C	Z	1.418	1.418	0 %100
149	MP4C	X	2.456	2.456	0 %100
150	MP4C	Z	1.418	1.418	0 %100
151	MP1B	X	2.456	2.456	0 %100
152	MP1B	Z	1.418	1.418	0 %100
153	MP2B	X	2.456	2.456	0 %100
154	MP2B	Z	1.418	1.418	0 %100
155	MP3B	X	2.456	2.456	0 %100
156	MP3B	Z	1.418	1.418	0 %100
157	MP4B	X	2.456	2.456	0 %100
158	MP4B	Z	1.418	1.418	0 %100
159	M148B	X	2.014	2.014	0 %100
160	M148B	Z	1.163	1.163	0 %100
161	M153B	X	.474	.474	0 %100
162	M153B	Z	.274	.274	0 %100
163	M154B	X	.474	.474	0 %100
164	M154B	Z	.274	.274	0 %100
165	M159A	X	.474	.474	0 %100
166	M159A	Z	.274	.274	0 %100
167	M160A	X	.474	.474	0 %100
168	M160A	Z	.274	.274	0 %100
169	M162A	X	2.014	2.014	0 %100
170	M162A	Z	1.163	1.163	0 %100
171	M167A	X	.885	.885	0 %100
172	M167A	Z	.511	.511	0 %100
173	M168A	X	.885	.885	0 %100
174	M168A	Z	.511	.511	0 %100
175	M173B	X	.885	.885	0 %100
176	M173B	Z	.511	.511	0 %100
177	M174A	X	.885	.885	0 %100
178	M174A	Z	.511	.511	0 %100
179	M176A	X	2.014	2.014	0 %100
180	M176A	Z	1.163	1.163	0 %100
181	M181A	X	.064	.064	0 %100
182	M181A	Z	.037	.037	0 %100
183	M182A	X	.064	.064	0 %100
184	M182A	Z	.037	.037	0 %100
185	M187B	X	.064	.064	0 %100
186	M187B	Z	.037	.037	0 %100
187	M188	X	.064	.064	0 %100
188	M188	Z	.037	.037	0 %100
189	M187C	X	1.898	1.898	0 %100
190	M187C	Z	1.096	1.096	0 %100
191	M190	X	1.898	1.898	0 %100
192	M190	Z	1.096	1.096	0 %100
193	M193	X	1.898	1.898	0 %100
194	M193	Z	1.096	1.096	0 %100
195	M198	X	2.456	2.456	0 %100
196	M198	Z	1.418	1.418	0 %100
197	M201	X	2.456	2.456	0 %100



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 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, %]
198	M201	Z	1.418	1.418	0	%100
199	M204	X	2.456	2.456	0	%100
200	M204	Z	1.418	1.418	0	%100
201	M209	X	.679	.679	0	%100
202	M209	Z	.392	.392	0	%100
203	M214	X	.679	.679	0	%100
204	M214	Z	.392	.392	0	%100
205	M219	X	2.717	2.717	0	%100
206	M219	Z	1.568	1.568	0	%100
207	M226	X	.806	.806	0	%100
208	M226	Z	.465	.465	0	%100
209	M227	X	.806	.806	0	%100
210	M227	Z	.465	.465	0	%100
211	M228	X	3.225	3.225	0	%100
212	M228	Z	1.862	1.862	0	%100
213	M231	X	.241	.241	0	%100
214	M231	Z	.139	.139	0	%100
215	M233	X	.241	.241	0	%100
216	M233	Z	.139	.139	0	%100
217	M237	X	.966	.966	0	%100
218	M237	Z	.558	.558	0	%100
219	M242	X	2.621	2.621	0	%100
220	M242	Z	1.513	1.513	0	%100
221	M243	X	2.699	2.699	0	%100
222	M243	Z	1.558	1.558	0	%100
223	M244	X	2.796	2.796	0	%100
224	M244	Z	1.614	1.614	0	%100
225	M251A	X	2.796	2.796	0	%100
226	M251A	Z	1.614	1.614	0	%100
227	M253	X	2.796	2.796	0	%100
228	M253	Z	1.614	1.614	0	%100
229	M256	X	3.184	3.184	0	%100
230	M256	Z	1.839	1.839	0	%100
231	M257	X	3.184	3.184	0	%100
232	M257	Z	1.839	1.839	0	%100
233	M258	X	2.237	2.237	0	%100
234	M258	Z	1.292	1.292	0	%100
235	M259	X	2.621	2.621	0	%100
236	M259	Z	1.513	1.513	0	%100
237	M260	X	2.699	2.699	0	%100
238	M260	Z	1.558	1.558	0	%100
239	M261	X	2.796	2.796	0	%100
240	M261	Z	1.614	1.614	0	%100
241	M262	X	1.618	1.618	0	%100
242	M262	Z	.934	.934	0	%100
243	M263	X	1.963	1.963	0	%100
244	M263	Z	1.133	1.133	0	%100
245	M264	X	2.796	2.796	0	%100
246	M264	Z	1.614	1.614	0	%100

Member Distributed Loads (BLC 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	.85	.85	0	%100
2	M1	Z	1.472	1.472	0	%100
3	M2	X	.738	.738	0	%100
4	M2	Z	1.278	1.278	0	%100



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 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, %]
5	M3	X	1.614	1.614	0 %100
6	M3	Z	2.796	2.796	0 %100
7	M6	X	.404	.404	0 %100
8	M6	Z	.699	.699	0 %100
9	M27	X	1.214	1.214	0 %100
10	M27	Z	2.103	2.103	0 %100
11	M33	X	1.214	1.214	0 %100
12	M33	Z	2.103	2.103	0 %100
13	M34	X	2.784	2.784	0 %100
14	M34	Z	4.823	4.823	0 %100
15	M35	X	2.784	2.784	0 %100
16	M35	Z	4.823	4.823	0 %100
17	MP1A	X	1.418	1.418	0 %100
18	MP1A	Z	2.456	2.456	0 %100
19	M147	X	.456	.456	0 %100
20	M147	Z	.789	.789	0 %100
21	M148	X	.456	.456	0 %100
22	M148	Z	.789	.789	0 %100
23	M103A	X	1.283	1.283	0 %100
24	M103A	Z	2.222	2.222	0 %100
25	M104A	X	1.499	1.499	0 %100
26	M104A	Z	2.597	2.597	0 %100
27	M101A	X	1.44	1.44	0 %100
28	M101A	Z	2.494	2.494	0 %100
29	M101B	X	1.499	1.499	0 %100
30	M101B	Z	2.597	2.597	0 %100
31	M102A	X	1.289	1.289	0 %100
32	M102A	Z	2.232	2.232	0 %100
33	M103B	X	1.499	1.499	0 %100
34	M103B	Z	2.597	2.597	0 %100
35	M104B	X	1.439	1.439	0 %100
36	M104B	Z	2.492	2.492	0 %100
37	M110B	X	1.568	1.568	0 %100
38	M110B	Z	2.717	2.717	0 %100
39	M109B	X	1.214	1.214	0 %100
40	M109B	Z	2.103	2.103	0 %100
41	M110C	X	1.214	1.214	0 %100
42	M110C	Z	2.103	2.103	0 %100
43	M108A	X	0	0	0 %100
44	M108A	Z	0	0	0 %100
45	M109A	X	0	0	0 %100
46	M109A	Z	0	0	0 %100
47	M112A	X	1.214	1.214	0 %100
48	M112A	Z	2.103	2.103	0 %100
49	M113A	X	1.214	1.214	0 %100
50	M113A	Z	2.103	2.103	0 %100
51	M116A	X	0	0	0 %100
52	M116A	Z	0	0	0 %100
53	M117B	X	2.784	2.784	0 %100
54	M117B	Z	4.823	4.823	0 %100
55	M118A	X	.404	.404	0 %100
56	M118A	Z	.699	.699	0 %100
57	M118C	X	.404	.404	0 %100
58	M118C	Z	.699	.699	0 %100
59	M122A	X	0	0	0 %100
60	M122A	Z	0	0	0 %100
61	M123A	X	0	0	0 %100



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 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,%]	
62	M123A	Z	0	0	0	%100
63	M124A	X	0	0	0	%100
64	M124A	Z	0	0	0	%100
65	M127A	X	2.784	2.784	0	%100
66	M127A	Z	4.823	4.823	0	%100
67	M128A	X	1.214	1.214	0	%100
68	M128A	Z	2.103	2.103	0	%100
69	M129A	X	1.214	1.214	0	%100
70	M129A	Z	2.103	2.103	0	%100
71	M132A	X	3.399	3.399	0	%100
72	M132A	Z	5.888	5.888	0	%100
73	M133A	X	2.952	2.952	0	%100
74	M133A	Z	5.113	5.113	0	%100
75	M136B	X	1.615	1.615	0	%100
76	M136B	Z	2.797	2.797	0	%100
77	M140A	X	1.615	1.615	0	%100
78	M140A	Z	2.797	2.797	0	%100
79	M142A	X	1.615	1.615	0	%100
80	M142A	Z	2.797	2.797	0	%100
81	M144A	X	.85	.85	0	%100
82	M144A	Z	1.472	1.472	0	%100
83	M145B	X	.738	.738	0	%100
84	M145B	Z	1.278	1.278	0	%100
85	M148A	X	.404	.404	0	%100
86	M148A	Z	.699	.699	0	%100
87	M152	X	.404	.404	0	%100
88	M152	Z	.699	.699	0	%100
89	M154	X	.404	.404	0	%100
90	M154	Z	.699	.699	0	%100
91	M152A	X	1.568	1.568	0	%100
92	M152A	Z	2.717	2.717	0	%100
93	M153A	X	1.568	1.568	0	%100
94	M153A	Z	2.717	2.717	0	%100
95	M156	X	1.494	1.494	0	%100
96	M156	Z	2.587	2.587	0	%100
97	M160	X	1.823	1.823	0	%100
98	M160	Z	3.158	3.158	0	%100
99	M161	X	1.823	1.823	0	%100
100	M161	Z	3.158	3.158	0	%100
101	M164	X	0	0	0	%100
102	M164	Z	0	0	0	%100
103	M169	X	.456	.456	0	%100
104	M169	Z	.789	.789	0	%100
105	M170	X	.456	.456	0	%100
106	M170	Z	.789	.789	0	%100
107	M173	X	1.494	1.494	0	%100
108	M173	Z	2.587	2.587	0	%100
109	M173A	X	.813	.813	0	%100
110	M173A	Z	1.408	1.408	0	%100
111	M174	X	1.499	1.499	0	%100
112	M174	Z	2.597	2.597	0	%100
113	M175	X	.676	.676	0	%100
114	M175	Z	1.172	1.172	0	%100
115	M176	X	1.499	1.499	0	%100
116	M176	Z	2.597	2.597	0	%100
117	M177	X	.873	.873	0	%100
118	M177	Z	1.511	1.511	0	%100



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 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, %]
119	M178	X	1.499	1.499	0 %100
120	M178	Z	2.597	2.597	0 %100
121	M179	X	.661	.661	0 %100
122	M179	Z	1.145	1.145	0 %100
123	M180	X	1.283	1.283	0 %100
124	M180	Z	2.222	2.222	0 %100
125	M181	X	1.499	1.499	0 %100
126	M181	Z	2.597	2.597	0 %100
127	M182	X	1.44	1.44	0 %100
128	M182	Z	2.494	2.494	0 %100
129	M183	X	1.499	1.499	0 %100
130	M183	Z	2.597	2.597	0 %100
131	M184	X	1.289	1.289	0 %100
132	M184	Z	2.232	2.232	0 %100
133	M185	X	1.499	1.499	0 %100
134	M185	Z	2.597	2.597	0 %100
135	M186	X	1.439	1.439	0 %100
136	M186	Z	2.492	2.492	0 %100
137	MP2A	X	1.418	1.418	0 %100
138	MP2A	Z	2.456	2.456	0 %100
139	MP3A	X	1.418	1.418	0 %100
140	MP3A	Z	2.456	2.456	0 %100
141	MP4A	X	1.418	1.418	0 %100
142	MP4A	Z	2.456	2.456	0 %100
143	MP1C	X	1.418	1.418	0 %100
144	MP1C	Z	2.456	2.456	0 %100
145	MP2C	X	1.418	1.418	0 %100
146	MP2C	Z	2.456	2.456	0 %100
147	MP3C	X	1.418	1.418	0 %100
148	MP3C	Z	2.456	2.456	0 %100
149	MP4C	X	1.418	1.418	0 %100
150	MP4C	Z	2.456	2.456	0 %100
151	MP1B	X	1.418	1.418	0 %100
152	MP1B	Z	2.456	2.456	0 %100
153	MP2B	X	1.418	1.418	0 %100
154	MP2B	Z	2.456	2.456	0 %100
155	MP3B	X	1.418	1.418	0 %100
156	MP3B	Z	2.456	2.456	0 %100
157	MP4B	X	1.418	1.418	0 %100
158	MP4B	Z	2.456	2.456	0 %100
159	M148B	X	1.163	1.163	0 %100
160	M148B	Z	2.014	2.014	0 %100
161	M153B	X	.037	.037	0 %100
162	M153B	Z	.064	.064	0 %100
163	M154B	X	.037	.037	0 %100
164	M154B	Z	.064	.064	0 %100
165	M159A	X	.037	.037	0 %100
166	M159A	Z	.064	.064	0 %100
167	M160A	X	.037	.037	0 %100
168	M160A	Z	.064	.064	0 %100
169	M162A	X	1.163	1.163	0 %100
170	M162A	Z	2.014	2.014	0 %100
171	M167A	X	.511	.511	0 %100
172	M167A	Z	.885	.885	0 %100
173	M168A	X	.511	.511	0 %100
174	M168A	Z	.885	.885	0 %100
175	M173B	X	.511	.511	0 %100



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 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,%]
176	M173B	Z	.885	.885	0 %100
177	M174A	X	.511	.511	0 %100
178	M174A	Z	.885	.885	0 %100
179	M176A	X	1.163	1.163	0 %100
180	M176A	Z	2.014	2.014	0 %100
181	M181A	X	.274	.274	0 %100
182	M181A	Z	.474	.474	0 %100
183	M182A	X	.274	.274	0 %100
184	M182A	Z	.474	.474	0 %100
185	M187B	X	.274	.274	0 %100
186	M187B	Z	.474	.474	0 %100
187	M188	X	.274	.274	0 %100
188	M188	Z	.474	.474	0 %100
189	M187C	X	1.096	1.096	0 %100
190	M187C	Z	1.898	1.898	0 %100
191	M190	X	1.096	1.096	0 %100
192	M190	Z	1.898	1.898	0 %100
193	M193	X	1.096	1.096	0 %100
194	M193	Z	1.898	1.898	0 %100
195	M198	X	1.418	1.418	0 %100
196	M198	Z	2.456	2.456	0 %100
197	M201	X	1.418	1.418	0 %100
198	M201	Z	2.456	2.456	0 %100
199	M204	X	1.418	1.418	0 %100
200	M204	Z	2.456	2.456	0 %100
201	M209	X	1.176	1.176	0 %100
202	M209	Z	2.037	2.037	0 %100
203	M214	X	0	0	0 %100
204	M214	Z	0	0	0 %100
205	M219	X	1.176	1.176	0 %100
206	M219	Z	2.037	2.037	0 %100
207	M226	X	1.396	1.396	0 %100
208	M226	Z	2.419	2.419	0 %100
209	M227	X	0	0	0 %100
210	M227	Z	0	0	0 %100
211	M228	X	1.396	1.396	0 %100
212	M228	Z	2.419	2.419	0 %100
213	M231	X	.418	.418	0 %100
214	M231	Z	.724	.724	0 %100
215	M233	X	0	0	0 %100
216	M233	Z	0	0	0 %100
217	M237	X	.418	.418	0 %100
218	M237	Z	.724	.724	0 %100
219	M242	X	1.127	1.127	0 %100
220	M242	Z	1.953	1.953	0 %100
221	M243	X	1.275	1.275	0 %100
222	M243	Z	2.208	2.208	0 %100
223	M244	X	1.614	1.614	0 %100
224	M244	Z	2.796	2.796	0 %100
225	M251A	X	1.614	1.614	0 %100
226	M251A	Z	2.796	2.796	0 %100
227	M253	X	1.614	1.614	0 %100
228	M253	Z	2.796	2.796	0 %100
229	M256	X	1.474	1.474	0 %100
230	M256	Z	2.553	2.553	0 %100
231	M257	X	2.021	2.021	0 %100
232	M257	Z	3.5	3.5	0 %100



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 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, %]
233	M258	X	1.474	1.474	0	%100
234	M258	Z	2.553	2.553	0	%100
235	M259	X	1.706	1.706	0	%100
236	M259	Z	2.956	2.956	0	%100
237	M260	X	1.7	1.7	0	%100
238	M260	Z	2.944	2.944	0	%100
239	M261	X	1.614	1.614	0	%100
240	M261	Z	2.796	2.796	0	%100
241	M262	X	1.127	1.127	0	%100
242	M262	Z	1.953	1.953	0	%100
243	M263	X	1.275	1.275	0	%100
244	M263	Z	2.208	2.208	0	%100
245	M264	X	1.614	1.614	0	%100
246	M264	Z	2.796	2.796	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	3.228	3.228	0	%100
7	M6	X	0	0	0	%100
8	M6	Z	0	0	0	%100
9	M27	X	0	0	0	%100
10	M27	Z	3.237	3.237	0	%100
11	M33	X	0	0	0	%100
12	M33	Z	3.237	3.237	0	%100
13	M34	X	0	0	0	%100
14	M34	Z	7.425	7.425	0	%100
15	M35	X	0	0	0	%100
16	M35	Z	7.425	7.425	0	%100
17	MP1A	X	0	0	0	%100
18	MP1A	Z	2.836	2.836	0	%100
19	M147	X	0	0	0	%100
20	M147	Z	0	0	0	%100
21	M148	X	0	0	0	%100
22	M148	Z	0	0	0	%100
23	M103A	X	0	0	0	%100
24	M103A	Z	2.879	2.879	0	%100
25	M104A	X	0	0	0	%100
26	M104A	Z	2.998	2.998	0	%100
27	M101A	X	0	0	0	%100
28	M101A	Z	3.388	3.388	0	%100
29	M101B	X	0	0	0	%100
30	M101B	Z	2.998	2.998	0	%100
31	M102A	X	0	0	0	%100
32	M102A	Z	2.855	2.855	0	%100
33	M103B	X	0	0	0	%100
34	M103B	Z	2.998	2.998	0	%100
35	M104B	X	0	0	0	%100
36	M104B	Z	3.397	3.397	0	%100
37	M110B	X	0	0	0	%100
38	M110B	Z	3.137	3.137	0	%100
39	M109B	X	0	0	0	%100



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 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,%]
40	M109B	Z	3.237	3.237	0 %100
41	M110C	X	0	0	0 %100
42	M110C	Z	3.237	3.237	0 %100
43	M108A	X	0	0	0 %100
44	M108A	Z	.809	.809	0 %100
45	M109A	X	0	0	0 %100
46	M109A	Z	.809	.809	0 %100
47	M112A	X	0	0	0 %100
48	M112A	Z	.809	.809	0 %100
49	M113A	X	0	0	0 %100
50	M113A	Z	.809	.809	0 %100
51	M116A	X	0	0	0 %100
52	M116A	Z	1.856	1.856	0 %100
53	M117B	X	0	0	0 %100
54	M117B	Z	1.856	1.856	0 %100
55	M118A	X	0	0	0 %100
56	M118A	Z	0	0	0 %100
57	M118C	X	0	0	0 %100
58	M118C	Z	0	0	0 %100
59	M122A	X	0	0	0 %100
60	M122A	Z	1.856	1.856	0 %100
61	M123A	X	0	0	0 %100
62	M123A	Z	.809	.809	0 %100
63	M124A	X	0	0	0 %100
64	M124A	Z	.809	.809	0 %100
65	M127A	X	0	0	0 %100
66	M127A	Z	1.856	1.856	0 %100
67	M128A	X	0	0	0 %100
68	M128A	Z	.809	.809	0 %100
69	M129A	X	0	0	0 %100
70	M129A	Z	.809	.809	0 %100
71	M132A	X	0	0	0 %100
72	M132A	Z	5.099	5.099	0 %100
73	M133A	X	0	0	0 %100
74	M133A	Z	4.428	4.428	0 %100
75	M136B	X	0	0	0 %100
76	M136B	Z	2.422	2.422	0 %100
77	M140A	X	0	0	0 %100
78	M140A	Z	2.422	2.422	0 %100
79	M142A	X	0	0	0 %100
80	M142A	Z	2.422	2.422	0 %100
81	M144A	X	0	0	0 %100
82	M144A	Z	5.099	5.099	0 %100
83	M145B	X	0	0	0 %100
84	M145B	Z	4.428	4.428	0 %100
85	M148A	X	0	0	0 %100
86	M148A	Z	2.422	2.422	0 %100
87	M152	X	0	0	0 %100
88	M152	Z	2.422	2.422	0 %100
89	M154	X	0	0	0 %100
90	M154	Z	2.422	2.422	0 %100
91	M152A	X	0	0	0 %100
92	M152A	Z	3.137	3.137	0 %100
93	M153A	X	0	0	0 %100
94	M153A	Z	3.137	3.137	0 %100
95	M156	X	0	0	0 %100
96	M156	Z	3.983	3.983	0 %100



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 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, %]	
97	M160	X	0	0	0	%100
98	M160	Z	2.735	2.735	0	%100
99	M161	X	0	0	0	%100
100	M161	Z	2.735	2.735	0	%100
101	M164	X	0	0	0	%100
102	M164	Z	.996	.996	0	%100
103	M169	X	0	0	0	%100
104	M169	Z	2.735	2.735	0	%100
105	M170	X	0	0	0	%100
106	M170	Z	2.735	2.735	0	%100
107	M173	X	0	0	0	%100
108	M173	Z	.996	.996	0	%100
109	M173A	X	0	0	0	%100
110	M173A	Z	1.939	1.939	0	%100
111	M174	X	0	0	0	%100
112	M174	Z	2.998	2.998	0	%100
113	M175	X	0	0	0	%100
114	M175	Z	1.862	1.862	0	%100
115	M176	X	0	0	0	%100
116	M176	Z	2.998	2.998	0	%100
117	M177	X	0	0	0	%100
118	M177	Z	2.023	2.023	0	%100
119	M178	X	0	0	0	%100
120	M178	Z	2.998	2.998	0	%100
121	M179	X	0	0	0	%100
122	M179	Z	1.841	1.841	0	%100
123	M180	X	0	0	0	%100
124	M180	Z	1.939	1.939	0	%100
125	M181	X	0	0	0	%100
126	M181	Z	2.998	2.998	0	%100
127	M182	X	0	0	0	%100
128	M182	Z	1.862	1.862	0	%100
129	M183	X	0	0	0	%100
130	M183	Z	2.998	2.998	0	%100
131	M184	X	0	0	0	%100
132	M184	Z	2.023	2.023	0	%100
133	M185	X	0	0	0	%100
134	M185	Z	2.998	2.998	0	%100
135	M186	X	0	0	0	%100
136	M186	Z	1.841	1.841	0	%100
137	MP2A	X	0	0	0	%100
138	MP2A	Z	2.836	2.836	0	%100
139	MP3A	X	0	0	0	%100
140	MP3A	Z	2.836	2.836	0	%100
141	MP4A	X	0	0	0	%100
142	MP4A	Z	2.836	2.836	0	%100
143	MP1C	X	0	0	0	%100
144	MP1C	Z	2.836	2.836	0	%100
145	MP2C	X	0	0	0	%100
146	MP2C	Z	2.836	2.836	0	%100
147	MP3C	X	0	0	0	%100
148	MP3C	Z	2.836	2.836	0	%100
149	MP4C	X	0	0	0	%100
150	MP4C	Z	2.836	2.836	0	%100
151	MP1B	X	0	0	0	%100
152	MP1B	Z	2.836	2.836	0	%100
153	MP2B	X	0	0	0	%100



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 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,%]
154	MP2B	Z	2.836	2.836	0 %100
155	MP3B	X	0	0	0 %100
156	MP3B	Z	2.836	2.836	0 %100
157	MP4B	X	0	0	0 %100
158	MP4B	Z	2.836	2.836	0 %100
159	M148B	X	0	0	0 %100
160	M148B	Z	2.326	2.326	0 %100
161	M153B	X	0	0	0 %100
162	M153B	Z	.073	.073	0 %100
163	M154B	X	0	0	0 %100
164	M154B	Z	.073	.073	0 %100
165	M159A	X	0	0	0 %100
166	M159A	Z	.073	.073	0 %100
167	M160A	X	0	0	0 %100
168	M160A	Z	.073	.073	0 %100
169	M162A	X	0	0	0 %100
170	M162A	Z	2.326	2.326	0 %100
171	M167A	X	0	0	0 %100
172	M167A	Z	.548	.548	0 %100
173	M168A	X	0	0	0 %100
174	M168A	Z	.548	.548	0 %100
175	M173B	X	0	0	0 %100
176	M173B	Z	.548	.548	0 %100
177	M174A	X	0	0	0 %100
178	M174A	Z	.548	.548	0 %100
179	M176A	X	0	0	0 %100
180	M176A	Z	2.326	2.326	0 %100
181	M181A	X	0	0	0 %100
182	M181A	Z	1.022	1.022	0 %100
183	M182A	X	0	0	0 %100
184	M182A	Z	1.022	1.022	0 %100
185	M187B	X	0	0	0 %100
186	M187B	Z	1.022	1.022	0 %100
187	M188	X	0	0	0 %100
188	M188	Z	1.022	1.022	0 %100
189	M187C	X	0	0	0 %100
190	M187C	Z	2.192	2.192	0 %100
191	M190	X	0	0	0 %100
192	M190	Z	2.192	2.192	0 %100
193	M193	X	0	0	0 %100
194	M193	Z	2.192	2.192	0 %100
195	M198	X	0	0	0 %100
196	M198	Z	2.836	2.836	0 %100
197	M201	X	0	0	0 %100
198	M201	Z	2.836	2.836	0 %100
199	M204	X	0	0	0 %100
200	M204	Z	2.836	2.836	0 %100
201	M209	X	0	0	0 %100
202	M209	Z	3.137	3.137	0 %100
203	M214	X	0	0	0 %100
204	M214	Z	.784	.784	0 %100
205	M219	X	0	0	0 %100
206	M219	Z	.784	.784	0 %100
207	M226	X	0	0	0 %100
208	M226	Z	3.724	3.724	0 %100
209	M227	X	0	0	0 %100
210	M227	Z	.931	.931	0 %100

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, %]
211	M228	X	0	0	0	%100
212	M228	Z	.931	.931	0	%100
213	M231	X	0	0	0	%100
214	M231	Z	1.115	1.115	0	%100
215	M233	X	0	0	0	%100
216	M233	Z	.279	.279	0	%100
217	M237	X	0	0	0	%100
218	M237	Z	.279	.279	0	%100
219	M242	X	0	0	0	%100
220	M242	Z	1.869	1.869	0	%100
221	M243	X	0	0	0	%100
222	M243	Z	2.267	2.267	0	%100
223	M244	X	0	0	0	%100
224	M244	Z	3.228	3.228	0	%100
225	M251A	X	0	0	0	%100
226	M251A	Z	3.228	3.228	0	%100
227	M253	X	0	0	0	%100
228	M253	Z	3.228	3.228	0	%100
229	M256	X	0	0	0	%100
230	M256	Z	2.583	2.583	0	%100
231	M257	X	0	0	0	%100
232	M257	Z	3.677	3.677	0	%100
233	M258	X	0	0	0	%100
234	M258	Z	3.677	3.677	0	%100
235	M259	X	0	0	0	%100
236	M259	Z	3.027	3.027	0	%100
237	M260	X	0	0	0	%100
238	M260	Z	3.117	3.117	0	%100
239	M261	X	0	0	0	%100
240	M261	Z	3.228	3.228	0	%100
241	M262	X	0	0	0	%100
242	M262	Z	3.027	3.027	0	%100
243	M263	X	0	0	0	%100
244	M263	Z	3.117	3.117	0	%100
245	M264	X	0	0	0	%100
246	M264	Z	3.228	3.228	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M1	X	-.85	-.85	0	%100
2	M1	Z	1.472	1.472	0	%100
3	M2	X	-.738	-.738	0	%100
4	M2	Z	1.278	1.278	0	%100
5	M3	X	-1.614	-1.614	0	%100
6	M3	Z	2.796	2.796	0	%100
7	M6	X	-.404	-.404	0	%100
8	M6	Z	.699	.699	0	%100
9	M27	X	-1.214	-1.214	0	%100
10	M27	Z	2.103	2.103	0	%100
11	M33	X	-1.214	-1.214	0	%100
12	M33	Z	2.103	2.103	0	%100
13	M34	X	-2.784	-2.784	0	%100
14	M34	Z	4.823	4.823	0	%100
15	M35	X	-2.784	-2.784	0	%100
16	M35	Z	4.823	4.823	0	%100
17	MP1A	X	-1.418	-1.418	0	%100



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 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, %]
18	MP1A	Z	2.456	2.456	0	%100
19	M147	X	-456	-456	0	%100
20	M147	Z	.789	.789	0	%100
21	M148	X	-456	-456	0	%100
22	M148	Z	.789	.789	0	%100
23	M103A	X	-1.283	-1.283	0	%100
24	M103A	Z	2.222	2.222	0	%100
25	M104A	X	-1.499	-1.499	0	%100
26	M104A	Z	2.597	2.597	0	%100
27	M101A	X	-1.44	-1.44	0	%100
28	M101A	Z	2.494	2.494	0	%100
29	M101B	X	-1.499	-1.499	0	%100
30	M101B	Z	2.597	2.597	0	%100
31	M102A	X	-1.289	-1.289	0	%100
32	M102A	Z	2.232	2.232	0	%100
33	M103B	X	-1.499	-1.499	0	%100
34	M103B	Z	2.597	2.597	0	%100
35	M104B	X	-1.439	-1.439	0	%100
36	M104B	Z	2.492	2.492	0	%100
37	M110B	X	-1.568	-1.568	0	%100
38	M110B	Z	2.717	2.717	0	%100
39	M109B	X	-1.214	-1.214	0	%100
40	M109B	Z	2.103	2.103	0	%100
41	M110C	X	-1.214	-1.214	0	%100
42	M110C	Z	2.103	2.103	0	%100
43	M108A	X	-1.214	-1.214	0	%100
44	M108A	Z	2.103	2.103	0	%100
45	M109A	X	-1.214	-1.214	0	%100
46	M109A	Z	2.103	2.103	0	%100
47	M112A	X	0	0	0	%100
48	M112A	Z	0	0	0	%100
49	M113A	X	0	0	0	%100
50	M113A	Z	0	0	0	%100
51	M116A	X	-2.784	-2.784	0	%100
52	M116A	Z	4.823	4.823	0	%100
53	M117B	X	0	0	0	%100
54	M117B	Z	0	0	0	%100
55	M118A	X	-.404	-.404	0	%100
56	M118A	Z	.699	.699	0	%100
57	M118C	X	-.404	-.404	0	%100
58	M118C	Z	.699	.699	0	%100
59	M122A	X	-2.784	-2.784	0	%100
60	M122A	Z	4.823	4.823	0	%100
61	M123A	X	-1.214	-1.214	0	%100
62	M123A	Z	2.103	2.103	0	%100
63	M124A	X	-1.214	-1.214	0	%100
64	M124A	Z	2.103	2.103	0	%100
65	M127A	X	0	0	0	%100
66	M127A	Z	0	0	0	%100
67	M128A	X	0	0	0	%100
68	M128A	Z	0	0	0	%100
69	M129A	X	0	0	0	%100
70	M129A	Z	0	0	0	%100
71	M132A	X	-.85	-.85	0	%100
72	M132A	Z	1.472	1.472	0	%100
73	M133A	X	-.738	-.738	0	%100
74	M133A	Z	1.278	1.278	0	%100



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 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, %]
75	M136B	X	-.404	-.404	0 %100
76	M136B	Z	.699	.699	0 %100
77	M140A	X	-.404	-.404	0 %100
78	M140A	Z	.699	.699	0 %100
79	M142A	X	-.404	-.404	0 %100
80	M142A	Z	.699	.699	0 %100
81	M144A	X	-3.399	-3.399	0 %100
82	M144A	Z	5.888	5.888	0 %100
83	M145B	X	-2.952	-2.952	0 %100
84	M145B	Z	5.113	5.113	0 %100
85	M148A	X	-1.615	-1.615	0 %100
86	M148A	Z	2.797	2.797	0 %100
87	M152	X	-1.615	-1.615	0 %100
88	M152	Z	2.797	2.797	0 %100
89	M154	X	-1.615	-1.615	0 %100
90	M154	Z	2.797	2.797	0 %100
91	M152A	X	-1.568	-1.568	0 %100
92	M152A	Z	2.717	2.717	0 %100
93	M153A	X	-1.568	-1.568	0 %100
94	M153A	Z	2.717	2.717	0 %100
95	M156	X	-1.494	-1.494	0 %100
96	M156	Z	2.587	2.587	0 %100
97	M160	X	-.456	-.456	0 %100
98	M160	Z	.789	.789	0 %100
99	M161	X	-.456	-.456	0 %100
100	M161	Z	.789	.789	0 %100
101	M164	X	-1.494	-1.494	0 %100
102	M164	Z	2.587	2.587	0 %100
103	M169	X	-1.823	-1.823	0 %100
104	M169	Z	3.158	3.158	0 %100
105	M170	X	-1.823	-1.823	0 %100
106	M170	Z	3.158	3.158	0 %100
107	M173	X	0	0	0 %100
108	M173	Z	0	0	0 %100
109	M173A	X	-1.283	-1.283	0 %100
110	M173A	Z	2.222	2.222	0 %100
111	M174	X	-1.499	-1.499	0 %100
112	M174	Z	2.597	2.597	0 %100
113	M175	X	-1.44	-1.44	0 %100
114	M175	Z	2.494	2.494	0 %100
115	M176	X	-1.499	-1.499	0 %100
116	M176	Z	2.597	2.597	0 %100
117	M177	X	-1.289	-1.289	0 %100
118	M177	Z	2.232	2.232	0 %100
119	M178	X	-1.499	-1.499	0 %100
120	M178	Z	2.597	2.597	0 %100
121	M179	X	-1.439	-1.439	0 %100
122	M179	Z	2.492	2.492	0 %100
123	M180	X	-.813	-.813	0 %100
124	M180	Z	1.408	1.408	0 %100
125	M181	X	-1.499	-1.499	0 %100
126	M181	Z	2.597	2.597	0 %100
127	M182	X	-.676	-.676	0 %100
128	M182	Z	1.172	1.172	0 %100
129	M183	X	-1.499	-1.499	0 %100
130	M183	Z	2.597	2.597	0 %100
131	M184	X	-.873	-.873	0 %100



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 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,%]
132	M184	Z	1.511	1.511	0 %100
133	M185	X	-1.499	-1.499	0 %100
134	M185	Z	2.597	2.597	0 %100
135	M186	X	-.661	-.661	0 %100
136	M186	Z	1.145	1.145	0 %100
137	MP2A	X	-1.418	-1.418	0 %100
138	MP2A	Z	2.456	2.456	0 %100
139	MP3A	X	-1.418	-1.418	0 %100
140	MP3A	Z	2.456	2.456	0 %100
141	MP4A	X	-1.418	-1.418	0 %100
142	MP4A	Z	2.456	2.456	0 %100
143	MP1C	X	-1.418	-1.418	0 %100
144	MP1C	Z	2.456	2.456	0 %100
145	MP2C	X	-1.418	-1.418	0 %100
146	MP2C	Z	2.456	2.456	0 %100
147	MP3C	X	-1.418	-1.418	0 %100
148	MP3C	Z	2.456	2.456	0 %100
149	MP4C	X	-1.418	-1.418	0 %100
150	MP4C	Z	2.456	2.456	0 %100
151	MP1B	X	-1.418	-1.418	0 %100
152	MP1B	Z	2.456	2.456	0 %100
153	MP2B	X	-1.418	-1.418	0 %100
154	MP2B	Z	2.456	2.456	0 %100
155	MP3B	X	-1.418	-1.418	0 %100
156	MP3B	Z	2.456	2.456	0 %100
157	MP4B	X	-1.418	-1.418	0 %100
158	MP4B	Z	2.456	2.456	0 %100
159	M148B	X	-1.163	-1.163	0 %100
160	M148B	Z	2.014	2.014	0 %100
161	M153B	X	-.274	-.274	0 %100
162	M153B	Z	.474	.474	0 %100
163	M154B	X	-.274	-.274	0 %100
164	M154B	Z	.474	.474	0 %100
165	M159A	X	-.274	-.274	0 %100
166	M159A	Z	.474	.474	0 %100
167	M160A	X	-.274	-.274	0 %100
168	M160A	Z	.474	.474	0 %100
169	M162A	X	-1.163	-1.163	0 %100
170	M162A	Z	2.014	2.014	0 %100
171	M167A	X	-.037	-.037	0 %100
172	M167A	Z	.064	.064	0 %100
173	M168A	X	-.037	-.037	0 %100
174	M168A	Z	.064	.064	0 %100
175	M173B	X	-.037	-.037	0 %100
176	M173B	Z	.064	.064	0 %100
177	M174A	X	-.037	-.037	0 %100
178	M174A	Z	.064	.064	0 %100
179	M176A	X	-1.163	-1.163	0 %100
180	M176A	Z	2.014	2.014	0 %100
181	M181A	X	-.511	-.511	0 %100
182	M181A	Z	.885	.885	0 %100
183	M182A	X	-.511	-.511	0 %100
184	M182A	Z	.885	.885	0 %100
185	M187B	X	-.511	-.511	0 %100
186	M187B	Z	.885	.885	0 %100
187	M188	X	-.511	-.511	0 %100
188	M188	Z	.885	.885	0 %100



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 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, %]
189	M187C	X	-1.096	-1.096	0 %100
190	M187C	Z	1.898	1.898	0 %100
191	M190	X	-1.096	-1.096	0 %100
192	M190	Z	1.898	1.898	0 %100
193	M193	X	-1.096	-1.096	0 %100
194	M193	Z	1.898	1.898	0 %100
195	M198	X	-1.418	-1.418	0 %100
196	M198	Z	2.456	2.456	0 %100
197	M201	X	-1.418	-1.418	0 %100
198	M201	Z	2.456	2.456	0 %100
199	M204	X	-1.418	-1.418	0 %100
200	M204	Z	2.456	2.456	0 %100
201	M209	X	-1.176	-1.176	0 %100
202	M209	Z	2.037	2.037	0 %100
203	M214	X	-1.176	-1.176	0 %100
204	M214	Z	2.037	2.037	0 %100
205	M219	X	0	0	0 %100
206	M219	Z	0	0	0 %100
207	M226	X	-1.396	-1.396	0 %100
208	M226	Z	2.419	2.419	0 %100
209	M227	X	-1.396	-1.396	0 %100
210	M227	Z	2.419	2.419	0 %100
211	M228	X	0	0	0 %100
212	M228	Z	0	0	0 %100
213	M231	X	-.418	-.418	0 %100
214	M231	Z	.724	.724	0 %100
215	M233	X	-.418	-.418	0 %100
216	M233	Z	.724	.724	0 %100
217	M237	X	0	0	0 %100
218	M237	Z	0	0	0 %100
219	M242	X	-1.127	-1.127	0 %100
220	M242	Z	1.953	1.953	0 %100
221	M243	X	-1.275	-1.275	0 %100
222	M243	Z	2.208	2.208	0 %100
223	M244	X	-1.614	-1.614	0 %100
224	M244	Z	2.796	2.796	0 %100
225	M251A	X	-1.614	-1.614	0 %100
226	M251A	Z	2.796	2.796	0 %100
227	M253	X	-1.614	-1.614	0 %100
228	M253	Z	2.796	2.796	0 %100
229	M256	X	-1.474	-1.474	0 %100
230	M256	Z	2.553	2.553	0 %100
231	M257	X	-1.474	-1.474	0 %100
232	M257	Z	2.553	2.553	0 %100
233	M258	X	-2.021	-2.021	0 %100
234	M258	Z	3.5	3.5	0 %100
235	M259	X	-1.127	-1.127	0 %100
236	M259	Z	1.953	1.953	0 %100
237	M260	X	-1.275	-1.275	0 %100
238	M260	Z	2.208	2.208	0 %100
239	M261	X	-1.614	-1.614	0 %100
240	M261	Z	2.796	2.796	0 %100
241	M262	X	-1.706	-1.706	0 %100
242	M262	Z	2.956	2.956	0 %100
243	M263	X	-1.7	-1.7	0 %100
244	M263	Z	2.944	2.944	0 %100
245	M264	X	-1.614	-1.614	0 %100



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 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, %]
246	M264	Z	2.796	2.796	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M1	X	-4.416	-4.416	0	%100
2	M1	Z	2.549	2.549	0	%100
3	M2	X	-3.835	-3.835	0	%100
4	M2	Z	2.214	2.214	0	%100
5	M3	X	-2.796	-2.796	0	%100
6	M3	Z	1.614	1.614	0	%100
7	M6	X	-2.098	-2.098	0	%100
8	M6	Z	1.211	1.211	0	%100
9	M27	X	-.701	-.701	0	%100
10	M27	Z	.405	.405	0	%100
11	M33	X	-.701	-.701	0	%100
12	M33	Z	.405	.405	0	%100
13	M34	X	-1.608	-1.608	0	%100
14	M34	Z	.928	.928	0	%100
15	M35	X	-1.608	-1.608	0	%100
16	M35	Z	.928	.928	0	%100
17	MP1A	X	-2.456	-2.456	0	%100
18	MP1A	Z	1.418	1.418	0	%100
19	M147	X	-2.368	-2.368	0	%100
20	M147	Z	1.367	1.367	0	%100
21	M148	X	-2.368	-2.368	0	%100
22	M148	Z	1.367	1.367	0	%100
23	M103A	X	-1.679	-1.679	0	%100
24	M103A	Z	.969	.969	0	%100
25	M104A	X	-2.597	-2.597	0	%100
26	M104A	Z	1.499	1.499	0	%100
27	M101A	X	-1.612	-1.612	0	%100
28	M101A	Z	.931	.931	0	%100
29	M101B	X	-2.597	-2.597	0	%100
30	M101B	Z	1.499	1.499	0	%100
31	M102A	X	-1.752	-1.752	0	%100
32	M102A	Z	1.011	1.011	0	%100
33	M103B	X	-2.597	-2.597	0	%100
34	M103B	Z	1.499	1.499	0	%100
35	M104B	X	-1.594	-1.594	0	%100
36	M104B	Z	.92	.92	0	%100
37	M110B	X	-2.717	-2.717	0	%100
38	M110B	Z	1.568	1.568	0	%100
39	M109B	X	-.701	-.701	0	%100
40	M109B	Z	.405	.405	0	%100
41	M110C	X	-.701	-.701	0	%100
42	M110C	Z	.405	.405	0	%100
43	M108A	X	-2.804	-2.804	0	%100
44	M108A	Z	1.619	1.619	0	%100
45	M109A	X	-2.804	-2.804	0	%100
46	M109A	Z	1.619	1.619	0	%100
47	M112A	X	-.701	-.701	0	%100
48	M112A	Z	.405	.405	0	%100
49	M113A	X	-.701	-.701	0	%100
50	M113A	Z	.405	.405	0	%100
51	M116A	X	-6.43	-6.43	0	%100
52	M116A	Z	3.713	3.713	0	%100



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 Checked By: _____

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, %]
53	M117B	X	-1.608	-1.608	0 %100
54	M117B	Z	.928	.928	0 %100
55	M118A	X	-2.098	-2.098	0 %100
56	M118A	Z	1.211	1.211	0 %100
57	M118C	X	-2.098	-2.098	0 %100
58	M118C	Z	1.211	1.211	0 %100
59	M122A	X	-6.43	-6.43	0 %100
60	M122A	Z	3.713	3.713	0 %100
61	M123A	X	-2.804	-2.804	0 %100
62	M123A	Z	1.619	1.619	0 %100
63	M124A	X	-2.804	-2.804	0 %100
64	M124A	Z	1.619	1.619	0 %100
65	M127A	X	-1.608	-1.608	0 %100
66	M127A	Z	.928	.928	0 %100
67	M128A	X	-.701	-.701	0 %100
68	M128A	Z	.405	.405	0 %100
69	M129A	X	-.701	-.701	0 %100
70	M129A	Z	.405	.405	0 %100
71	M132A	X	0	0	0 %100
72	M132A	Z	0	0	0 %100
73	M133A	X	0	0	0 %100
74	M133A	Z	0	0	0 %100
75	M136B	X	0	0	0 %100
76	M136B	Z	0	0	0 %100
77	M140A	X	0	0	0 %100
78	M140A	Z	0	0	0 %100
79	M142A	X	0	0	0 %100
80	M142A	Z	0	0	0 %100
81	M144A	X	-4.416	-4.416	0 %100
82	M144A	Z	2.549	2.549	0 %100
83	M145B	X	-3.835	-3.835	0 %100
84	M145B	Z	2.214	2.214	0 %100
85	M148A	X	-2.098	-2.098	0 %100
86	M148A	Z	1.211	1.211	0 %100
87	M152	X	-2.098	-2.098	0 %100
88	M152	Z	1.211	1.211	0 %100
89	M154	X	-2.098	-2.098	0 %100
90	M154	Z	1.211	1.211	0 %100
91	M152A	X	-2.717	-2.717	0 %100
92	M152A	Z	1.568	1.568	0 %100
93	M153A	X	-2.717	-2.717	0 %100
94	M153A	Z	1.568	1.568	0 %100
95	M156	X	-.862	-.862	0 %100
96	M156	Z	.498	.498	0 %100
97	M160	X	0	0	0 %100
98	M160	Z	0	0	0 %100
99	M161	X	0	0	0 %100
100	M161	Z	0	0	0 %100
101	M164	X	-3.449	-3.449	0 %100
102	M164	Z	1.991	1.991	0 %100
103	M169	X	-2.368	-2.368	0 %100
104	M169	Z	1.367	1.367	0 %100
105	M170	X	-2.368	-2.368	0 %100
106	M170	Z	1.367	1.367	0 %100
107	M173	X	-.862	-.862	0 %100
108	M173	Z	.498	.498	0 %100
109	M173A	X	-2.493	-2.493	0 %100



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 Checked By: _____

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,%]
110	M173A	Z	1.439	1.439	0 %100
111	M174	X	-2.597	-2.597	0 %100
112	M174	Z	1.499	1.499	0 %100
113	M175	X	-2.935	-2.935	0 %100
114	M175	Z	1.694	1.694	0 %100
115	M176	X	-2.597	-2.597	0 %100
116	M176	Z	1.499	1.499	0 %100
117	M177	X	-2.473	-2.473	0 %100
118	M177	Z	1.428	1.428	0 %100
119	M178	X	-2.597	-2.597	0 %100
120	M178	Z	1.499	1.499	0 %100
121	M179	X	-2.942	-2.942	0 %100
122	M179	Z	1.698	1.698	0 %100
123	M180	X	-1.679	-1.679	0 %100
124	M180	Z	.969	.969	0 %100
125	M181	X	-2.597	-2.597	0 %100
126	M181	Z	1.499	1.499	0 %100
127	M182	X	-1.612	-1.612	0 %100
128	M182	Z	.931	.931	0 %100
129	M183	X	-2.597	-2.597	0 %100
130	M183	Z	1.499	1.499	0 %100
131	M184	X	-1.752	-1.752	0 %100
132	M184	Z	1.011	1.011	0 %100
133	M185	X	-2.597	-2.597	0 %100
134	M185	Z	1.499	1.499	0 %100
135	M186	X	-1.594	-1.594	0 %100
136	M186	Z	.92	.92	0 %100
137	MP2A	X	-2.456	-2.456	0 %100
138	MP2A	Z	1.418	1.418	0 %100
139	MP3A	X	-2.456	-2.456	0 %100
140	MP3A	Z	1.418	1.418	0 %100
141	MP4A	X	-2.456	-2.456	0 %100
142	MP4A	Z	1.418	1.418	0 %100
143	MP1C	X	-2.456	-2.456	0 %100
144	MP1C	Z	1.418	1.418	0 %100
145	MP2C	X	-2.456	-2.456	0 %100
146	MP2C	Z	1.418	1.418	0 %100
147	MP3C	X	-2.456	-2.456	0 %100
148	MP3C	Z	1.418	1.418	0 %100
149	MP4C	X	-2.456	-2.456	0 %100
150	MP4C	Z	1.418	1.418	0 %100
151	MP1B	X	-2.456	-2.456	0 %100
152	MP1B	Z	1.418	1.418	0 %100
153	MP2B	X	-2.456	-2.456	0 %100
154	MP2B	Z	1.418	1.418	0 %100
155	MP3B	X	-2.456	-2.456	0 %100
156	MP3B	Z	1.418	1.418	0 %100
157	MP4B	X	-2.456	-2.456	0 %100
158	MP4B	Z	1.418	1.418	0 %100
159	M148B	X	-2.014	-2.014	0 %100
160	M148B	Z	1.163	1.163	0 %100
161	M153B	X	-.885	-.885	0 %100
162	M153B	Z	.511	.511	0 %100
163	M154B	X	-.885	-.885	0 %100
164	M154B	Z	.511	.511	0 %100
165	M159A	X	-.885	-.885	0 %100
166	M159A	Z	.511	.511	0 %100



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 Checked By: _____

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, %]
167	M160A	X	- .885	- .885	0 %100
168	M160A	Z	.511	.511	0 %100
169	M162A	X	-2.014	-2.014	0 %100
170	M162A	Z	1.163	1.163	0 %100
171	M167A	X	-.064	-.064	0 %100
172	M167A	Z	.037	.037	0 %100
173	M168A	X	-.064	-.064	0 %100
174	M168A	Z	.037	.037	0 %100
175	M173B	X	-.064	-.064	0 %100
176	M173B	Z	.037	.037	0 %100
177	M174A	X	-.064	-.064	0 %100
178	M174A	Z	.037	.037	0 %100
179	M176A	X	-2.014	-2.014	0 %100
180	M176A	Z	1.163	1.163	0 %100
181	M181A	X	-.474	-.474	0 %100
182	M181A	Z	.274	.274	0 %100
183	M182A	X	-.474	-.474	0 %100
184	M182A	Z	.274	.274	0 %100
185	M187B	X	-.474	-.474	0 %100
186	M187B	Z	.274	.274	0 %100
187	M188	X	-.474	-.474	0 %100
188	M188	Z	.274	.274	0 %100
189	M187C	X	-1.898	-1.898	0 %100
190	M187C	Z	1.096	1.096	0 %100
191	M190	X	-1.898	-1.898	0 %100
192	M190	Z	1.096	1.096	0 %100
193	M193	X	-1.898	-1.898	0 %100
194	M193	Z	1.096	1.096	0 %100
195	M198	X	-2.456	-2.456	0 %100
196	M198	Z	1.418	1.418	0 %100
197	M201	X	-2.456	-2.456	0 %100
198	M201	Z	1.418	1.418	0 %100
199	M204	X	-2.456	-2.456	0 %100
200	M204	Z	1.418	1.418	0 %100
201	M209	X	-.679	-.679	0 %100
202	M209	Z	.392	.392	0 %100
203	M214	X	-2.717	-2.717	0 %100
204	M214	Z	1.568	1.568	0 %100
205	M219	X	-.679	-.679	0 %100
206	M219	Z	.392	.392	0 %100
207	M226	X	-.806	-.806	0 %100
208	M226	Z	.465	.465	0 %100
209	M227	X	-3.225	-3.225	0 %100
210	M227	Z	1.862	1.862	0 %100
211	M228	X	-.806	-.806	0 %100
212	M228	Z	.465	.465	0 %100
213	M231	X	-.241	-.241	0 %100
214	M231	Z	.139	.139	0 %100
215	M233	X	-.966	-.966	0 %100
216	M233	Z	.558	.558	0 %100
217	M237	X	-.241	-.241	0 %100
218	M237	Z	.139	.139	0 %100
219	M242	X	-2.621	-2.621	0 %100
220	M242	Z	1.513	1.513	0 %100
221	M243	X	-2.699	-2.699	0 %100
222	M243	Z	1.558	1.558	0 %100
223	M244	X	-2.796	-2.796	0 %100



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 Checked By: _____

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, %]
224	M244	Z	1.614	1.614	0	%100
225	M251A	X	-2.796	-2.796	0	%100
226	M251A	Z	1.614	1.614	0	%100
227	M253	X	-2.796	-2.796	0	%100
228	M253	Z	1.614	1.614	0	%100
229	M256	X	-3.184	-3.184	0	%100
230	M256	Z	1.839	1.839	0	%100
231	M257	X	-2.237	-2.237	0	%100
232	M257	Z	1.292	1.292	0	%100
233	M258	X	-3.184	-3.184	0	%100
234	M258	Z	1.839	1.839	0	%100
235	M259	X	-1.618	-1.618	0	%100
236	M259	Z	.934	.934	0	%100
237	M260	X	-1.963	-1.963	0	%100
238	M260	Z	1.133	1.133	0	%100
239	M261	X	-2.796	-2.796	0	%100
240	M261	Z	1.614	1.614	0	%100
241	M262	X	-2.621	-2.621	0	%100
242	M262	Z	1.513	1.513	0	%100
243	M263	X	-2.699	-2.699	0	%100
244	M263	Z	1.558	1.558	0	%100
245	M264	X	-2.796	-2.796	0	%100
246	M264	Z	1.614	1.614	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M1	X	-6.798	-6.798	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	-5.904	-5.904	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	-3.228	-3.228	0	%100
6	M3	Z	0	0	0	%100
7	M6	X	-3.23	-3.23	0	%100
8	M6	Z	0	0	0	%100
9	M27	X	0	0	0	%100
10	M27	Z	0	0	0	%100
11	M33	X	0	0	0	%100
12	M33	Z	0	0	0	%100
13	M34	X	0	0	0	%100
14	M34	Z	0	0	0	%100
15	M35	X	0	0	0	%100
16	M35	Z	0	0	0	%100
17	MP1A	X	-2.836	-2.836	0	%100
18	MP1A	Z	0	0	0	%100
19	M147	X	-3.646	-3.646	0	%100
20	M147	Z	0	0	0	%100
21	M148	X	-3.646	-3.646	0	%100
22	M148	Z	0	0	0	%100
23	M103A	X	-1.626	-1.626	0	%100
24	M103A	Z	0	0	0	%100
25	M104A	X	-2.998	-2.998	0	%100
26	M104A	Z	0	0	0	%100
27	M101A	X	-1.353	-1.353	0	%100
28	M101A	Z	0	0	0	%100
29	M101B	X	-2.998	-2.998	0	%100
30	M101B	Z	0	0	0	%100



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 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, %]
31	M102A	X	-1.745	-1.745	0 %100
32	M102A	Z	0	0	0 %100
33	M103B	X	-2.998	-2.998	0 %100
34	M103B	Z	0	0	0 %100
35	M104B	X	-1.322	-1.322	0 %100
36	M104B	Z	0	0	0 %100
37	M110B	X	-3.137	-3.137	0 %100
38	M110B	Z	0	0	0 %100
39	M109B	X	0	0	0 %100
40	M109B	Z	0	0	0 %100
41	M110C	X	0	0	0 %100
42	M110C	Z	0	0	0 %100
43	M108A	X	-2.428	-2.428	0 %100
44	M108A	Z	0	0	0 %100
45	M109A	X	-2.428	-2.428	0 %100
46	M109A	Z	0	0	0 %100
47	M112A	X	-2.428	-2.428	0 %100
48	M112A	Z	0	0	0 %100
49	M113A	X	-2.428	-2.428	0 %100
50	M113A	Z	0	0	0 %100
51	M116A	X	-5.569	-5.569	0 %100
52	M116A	Z	0	0	0 %100
53	M117B	X	-5.569	-5.569	0 %100
54	M117B	Z	0	0	0 %100
55	M118A	X	-3.23	-3.23	0 %100
56	M118A	Z	0	0	0 %100
57	M118C	X	-3.23	-3.23	0 %100
58	M118C	Z	0	0	0 %100
59	M122A	X	-5.569	-5.569	0 %100
60	M122A	Z	0	0	0 %100
61	M123A	X	-2.428	-2.428	0 %100
62	M123A	Z	0	0	0 %100
63	M124A	X	-2.428	-2.428	0 %100
64	M124A	Z	0	0	0 %100
65	M127A	X	-5.569	-5.569	0 %100
66	M127A	Z	0	0	0 %100
67	M128A	X	-2.428	-2.428	0 %100
68	M128A	Z	0	0	0 %100
69	M129A	X	-2.428	-2.428	0 %100
70	M129A	Z	0	0	0 %100
71	M132A	X	-1.7	-1.7	0 %100
72	M132A	Z	0	0	0 %100
73	M133A	X	-1.476	-1.476	0 %100
74	M133A	Z	0	0	0 %100
75	M136B	X	-.807	-.807	0 %100
76	M136B	Z	0	0	0 %100
77	M140A	X	-.807	-.807	0 %100
78	M140A	Z	0	0	0 %100
79	M142A	X	-.807	-.807	0 %100
80	M142A	Z	0	0	0 %100
81	M144A	X	-1.7	-1.7	0 %100
82	M144A	Z	0	0	0 %100
83	M145B	X	-1.476	-1.476	0 %100
84	M145B	Z	0	0	0 %100
85	M148A	X	-.807	-.807	0 %100
86	M148A	Z	0	0	0 %100
87	M152	X	-.807	-.807	0 %100



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 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, %]	
88	M152	Z	0	0	0	%100
89	M154	X	-0.807	-0.807	0	%100
90	M154	Z	0	0	0	%100
91	M152A	X	-3.137	-3.137	0	%100
92	M152A	Z	0	0	0	%100
93	M153A	X	-3.137	-3.137	0	%100
94	M153A	Z	0	0	0	%100
95	M156	X	0	0	0	%100
96	M156	Z	0	0	0	%100
97	M160	X	-0.912	-0.912	0	%100
98	M160	Z	0	0	0	%100
99	M161	X	-0.912	-0.912	0	%100
100	M161	Z	0	0	0	%100
101	M164	X	-2.987	-2.987	0	%100
102	M164	Z	0	0	0	%100
103	M169	X	-0.912	-0.912	0	%100
104	M169	Z	0	0	0	%100
105	M170	X	-0.912	-0.912	0	%100
106	M170	Z	0	0	0	%100
107	M173	X	-2.987	-2.987	0	%100
108	M173	Z	0	0	0	%100
109	M173A	X	-2.566	-2.566	0	%100
110	M173A	Z	0	0	0	%100
111	M174	X	-2.998	-2.998	0	%100
112	M174	Z	0	0	0	%100
113	M175	X	-2.88	-2.88	0	%100
114	M175	Z	0	0	0	%100
115	M176	X	-2.998	-2.998	0	%100
116	M176	Z	0	0	0	%100
117	M177	X	-2.578	-2.578	0	%100
118	M177	Z	0	0	0	%100
119	M178	X	-2.998	-2.998	0	%100
120	M178	Z	0	0	0	%100
121	M179	X	-2.878	-2.878	0	%100
122	M179	Z	0	0	0	%100
123	M180	X	-2.566	-2.566	0	%100
124	M180	Z	0	0	0	%100
125	M181	X	-2.998	-2.998	0	%100
126	M181	Z	0	0	0	%100
127	M182	X	-2.88	-2.88	0	%100
128	M182	Z	0	0	0	%100
129	M183	X	-2.998	-2.998	0	%100
130	M183	Z	0	0	0	%100
131	M184	X	-2.578	-2.578	0	%100
132	M184	Z	0	0	0	%100
133	M185	X	-2.998	-2.998	0	%100
134	M185	Z	0	0	0	%100
135	M186	X	-2.878	-2.878	0	%100
136	M186	Z	0	0	0	%100
137	MP2A	X	-2.836	-2.836	0	%100
138	MP2A	Z	0	0	0	%100
139	MP3A	X	-2.836	-2.836	0	%100
140	MP3A	Z	0	0	0	%100
141	MP4A	X	-2.836	-2.836	0	%100
142	MP4A	Z	0	0	0	%100
143	MP1C	X	-2.836	-2.836	0	%100
144	MP1C	Z	0	0	0	%100



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 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, %]
145	MP2C	X	-2.836	-2.836	0 %100
146	MP2C	Z	0	0	0 %100
147	MP3C	X	-2.836	-2.836	0 %100
148	MP3C	Z	0	0	0 %100
149	MP4C	X	-2.836	-2.836	0 %100
150	MP4C	Z	0	0	0 %100
151	MP1B	X	-2.836	-2.836	0 %100
152	MP1B	Z	0	0	0 %100
153	MP2B	X	-2.836	-2.836	0 %100
154	MP2B	Z	0	0	0 %100
155	MP3B	X	-2.836	-2.836	0 %100
156	MP3B	Z	0	0	0 %100
157	MP4B	X	-2.836	-2.836	0 %100
158	MP4B	Z	0	0	0 %100
159	M148B	X	-2.326	-2.326	0 %100
160	M148B	Z	0	0	0 %100
161	M153B	X	-1.022	-1.022	0 %100
162	M153B	Z	0	0	0 %100
163	M154B	X	-1.022	-1.022	0 %100
164	M154B	Z	0	0	0 %100
165	M159A	X	-1.022	-1.022	0 %100
166	M159A	Z	0	0	0 %100
167	M160A	X	-1.022	-1.022	0 %100
168	M160A	Z	0	0	0 %100
169	M162A	X	-2.326	-2.326	0 %100
170	M162A	Z	0	0	0 %100
171	M167A	X	-.548	-.548	0 %100
172	M167A	Z	0	0	0 %100
173	M168A	X	-.548	-.548	0 %100
174	M168A	Z	0	0	0 %100
175	M173B	X	-.548	-.548	0 %100
176	M173B	Z	0	0	0 %100
177	M174A	X	-.548	-.548	0 %100
178	M174A	Z	0	0	0 %100
179	M176A	X	-2.326	-2.326	0 %100
180	M176A	Z	0	0	0 %100
181	M181A	X	-.073	-.073	0 %100
182	M181A	Z	0	0	0 %100
183	M182A	X	-.073	-.073	0 %100
184	M182A	Z	0	0	0 %100
185	M187B	X	-.073	-.073	0 %100
186	M187B	Z	0	0	0 %100
187	M188	X	-.073	-.073	0 %100
188	M188	Z	0	0	0 %100
189	M187C	X	-2.192	-2.192	0 %100
190	M187C	Z	0	0	0 %100
191	M190	X	-2.192	-2.192	0 %100
192	M190	Z	0	0	0 %100
193	M193	X	-2.192	-2.192	0 %100
194	M193	Z	0	0	0 %100
195	M198	X	-2.836	-2.836	0 %100
196	M198	Z	0	0	0 %100
197	M201	X	-2.836	-2.836	0 %100
198	M201	Z	0	0	0 %100
199	M204	X	-2.836	-2.836	0 %100
200	M204	Z	0	0	0 %100
201	M209	X	0	0	0 %100



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 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, %]
202	M209	Z	0	0	0	%100
203	M214	X	-2.353	-2.353	0	%100
204	M214	Z	0	0	0	%100
205	M219	X	-2.353	-2.353	0	%100
206	M219	Z	0	0	0	%100
207	M226	X	0	0	0	%100
208	M226	Z	0	0	0	%100
209	M227	X	-2.793	-2.793	0	%100
210	M227	Z	0	0	0	%100
211	M228	X	-2.793	-2.793	0	%100
212	M228	Z	0	0	0	%100
213	M231	X	0	0	0	%100
214	M231	Z	0	0	0	%100
215	M233	X	-.837	-.837	0	%100
216	M233	Z	0	0	0	%100
217	M237	X	-.837	-.837	0	%100
218	M237	Z	0	0	0	%100
219	M242	X	-3.413	-3.413	0	%100
220	M242	Z	0	0	0	%100
221	M243	X	-3.4	-3.4	0	%100
222	M243	Z	0	0	0	%100
223	M244	X	-3.228	-3.228	0	%100
224	M244	Z	0	0	0	%100
225	M251A	X	-3.228	-3.228	0	%100
226	M251A	Z	0	0	0	%100
227	M253	X	-3.228	-3.228	0	%100
228	M253	Z	0	0	0	%100
229	M256	X	-4.042	-4.042	0	%100
230	M256	Z	0	0	0	%100
231	M257	X	-2.948	-2.948	0	%100
232	M257	Z	0	0	0	%100
233	M258	X	-2.948	-2.948	0	%100
234	M258	Z	0	0	0	%100
235	M259	X	-2.255	-2.255	0	%100
236	M259	Z	0	0	0	%100
237	M260	X	-2.55	-2.55	0	%100
238	M260	Z	0	0	0	%100
239	M261	X	-3.228	-3.228	0	%100
240	M261	Z	0	0	0	%100
241	M262	X	-2.255	-2.255	0	%100
242	M262	Z	0	0	0	%100
243	M263	X	-2.55	-2.55	0	%100
244	M263	Z	0	0	0	%100
245	M264	X	-3.228	-3.228	0	%100
246	M264	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M1	X	-4.416	-4.416	0	%100
2	M1	Z	-2.549	-2.549	0	%100
3	M2	X	-3.835	-3.835	0	%100
4	M2	Z	-2.214	-2.214	0	%100
5	M3	X	-2.796	-2.796	0	%100
6	M3	Z	-1.614	-1.614	0	%100
7	M6	X	-2.098	-2.098	0	%100
8	M6	Z	-1.211	-1.211	0	%100



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 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, %]
9	M27	X	-701	-701	0	%100
10	M27	Z	-405	-405	0	%100
11	M33	X	-701	-701	0	%100
12	M33	Z	-405	-405	0	%100
13	M34	X	-1.608	-1.608	0	%100
14	M34	Z	-928	-928	0	%100
15	M35	X	-1.608	-1.608	0	%100
16	M35	Z	-928	-928	0	%100
17	MP1A	X	-2.456	-2.456	0	%100
18	MP1A	Z	-1.418	-1.418	0	%100
19	M147	X	-2.368	-2.368	0	%100
20	M147	Z	-1.367	-1.367	0	%100
21	M148	X	-2.368	-2.368	0	%100
22	M148	Z	-1.367	-1.367	0	%100
23	M103A	X	-1.679	-1.679	0	%100
24	M103A	Z	-969	-969	0	%100
25	M104A	X	-2.597	-2.597	0	%100
26	M104A	Z	-1.499	-1.499	0	%100
27	M101A	X	-1.612	-1.612	0	%100
28	M101A	Z	-931	-931	0	%100
29	M101B	X	-2.597	-2.597	0	%100
30	M101B	Z	-1.499	-1.499	0	%100
31	M102A	X	-1.752	-1.752	0	%100
32	M102A	Z	-1.011	-1.011	0	%100
33	M103B	X	-2.597	-2.597	0	%100
34	M103B	Z	-1.499	-1.499	0	%100
35	M104B	X	-1.594	-1.594	0	%100
36	M104B	Z	-92	-92	0	%100
37	M110B	X	-2.717	-2.717	0	%100
38	M110B	Z	-1.568	-1.568	0	%100
39	M109B	X	-701	-701	0	%100
40	M109B	Z	-405	-405	0	%100
41	M110C	X	-701	-701	0	%100
42	M110C	Z	-405	-405	0	%100
43	M108A	X	-701	-701	0	%100
44	M108A	Z	-405	-405	0	%100
45	M109A	X	-701	-701	0	%100
46	M109A	Z	-405	-405	0	%100
47	M112A	X	-2.804	-2.804	0	%100
48	M112A	Z	-1.619	-1.619	0	%100
49	M113A	X	-2.804	-2.804	0	%100
50	M113A	Z	-1.619	-1.619	0	%100
51	M116A	X	-1.608	-1.608	0	%100
52	M116A	Z	-928	-928	0	%100
53	M117B	X	-6.43	-6.43	0	%100
54	M117B	Z	-3.713	-3.713	0	%100
55	M118A	X	-2.098	-2.098	0	%100
56	M118A	Z	-1.211	-1.211	0	%100
57	M118C	X	-2.098	-2.098	0	%100
58	M118C	Z	-1.211	-1.211	0	%100
59	M122A	X	-1.608	-1.608	0	%100
60	M122A	Z	-928	-928	0	%100
61	M123A	X	-701	-701	0	%100
62	M123A	Z	-405	-405	0	%100
63	M124A	X	-701	-701	0	%100
64	M124A	Z	-405	-405	0	%100
65	M127A	X	-6.43	-6.43	0	%100



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 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,%]
66	M127A	Z	-3.713	-3.713	0 %100
67	M128A	X	-2.804	-2.804	0 %100
68	M128A	Z	-1.619	-1.619	0 %100
69	M129A	X	-2.804	-2.804	0 %100
70	M129A	Z	-1.619	-1.619	0 %100
71	M132A	X	-4.416	-4.416	0 %100
72	M132A	Z	-2.549	-2.549	0 %100
73	M133A	X	-3.835	-3.835	0 %100
74	M133A	Z	-2.214	-2.214	0 %100
75	M136B	X	-2.098	-2.098	0 %100
76	M136B	Z	-1.211	-1.211	0 %100
77	M140A	X	-2.098	-2.098	0 %100
78	M140A	Z	-1.211	-1.211	0 %100
79	M142A	X	-2.098	-2.098	0 %100
80	M142A	Z	-1.211	-1.211	0 %100
81	M144A	X	0	0	0 %100
82	M144A	Z	0	0	0 %100
83	M145B	X	0	0	0 %100
84	M145B	Z	0	0	0 %100
85	M148A	X	0	0	0 %100
86	M148A	Z	0	0	0 %100
87	M152	X	0	0	0 %100
88	M152	Z	0	0	0 %100
89	M154	X	0	0	0 %100
90	M154	Z	0	0	0 %100
91	M152A	X	-2.717	-2.717	0 %100
92	M152A	Z	-1.568	-1.568	0 %100
93	M153A	X	-2.717	-2.717	0 %100
94	M153A	Z	-1.568	-1.568	0 %100
95	M156	X	-.862	-.862	0 %100
96	M156	Z	-.498	-.498	0 %100
97	M160	X	-2.368	-2.368	0 %100
98	M160	Z	-1.367	-1.367	0 %100
99	M161	X	-2.368	-2.368	0 %100
100	M161	Z	-1.367	-1.367	0 %100
101	M164	X	-.862	-.862	0 %100
102	M164	Z	-.498	-.498	0 %100
103	M169	X	0	0	0 %100
104	M169	Z	0	0	0 %100
105	M170	X	0	0	0 %100
106	M170	Z	0	0	0 %100
107	M173	X	-3.449	-3.449	0 %100
108	M173	Z	-1.991	-1.991	0 %100
109	M173A	X	-1.679	-1.679	0 %100
110	M173A	Z	-.969	-.969	0 %100
111	M174	X	-2.597	-2.597	0 %100
112	M174	Z	-1.499	-1.499	0 %100
113	M175	X	-1.612	-1.612	0 %100
114	M175	Z	-.931	-.931	0 %100
115	M176	X	-2.597	-2.597	0 %100
116	M176	Z	-1.499	-1.499	0 %100
117	M177	X	-1.752	-1.752	0 %100
118	M177	Z	-1.011	-1.011	0 %100
119	M178	X	-2.597	-2.597	0 %100
120	M178	Z	-1.499	-1.499	0 %100
121	M179	X	-1.594	-1.594	0 %100
122	M179	Z	-.92	-.92	0 %100



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 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, %]
123	M180	X	-2.493	-2.493	0 %100
124	M180	Z	-1.439	-1.439	0 %100
125	M181	X	-2.597	-2.597	0 %100
126	M181	Z	-1.499	-1.499	0 %100
127	M182	X	-2.935	-2.935	0 %100
128	M182	Z	-1.694	-1.694	0 %100
129	M183	X	-2.597	-2.597	0 %100
130	M183	Z	-1.499	-1.499	0 %100
131	M184	X	-2.473	-2.473	0 %100
132	M184	Z	-1.428	-1.428	0 %100
133	M185	X	-2.597	-2.597	0 %100
134	M185	Z	-1.499	-1.499	0 %100
135	M186	X	-2.942	-2.942	0 %100
136	M186	Z	-1.698	-1.698	0 %100
137	MP2A	X	-2.456	-2.456	0 %100
138	MP2A	Z	-1.418	-1.418	0 %100
139	MP3A	X	-2.456	-2.456	0 %100
140	MP3A	Z	-1.418	-1.418	0 %100
141	MP4A	X	-2.456	-2.456	0 %100
142	MP4A	Z	-1.418	-1.418	0 %100
143	MP1C	X	-2.456	-2.456	0 %100
144	MP1C	Z	-1.418	-1.418	0 %100
145	MP2C	X	-2.456	-2.456	0 %100
146	MP2C	Z	-1.418	-1.418	0 %100
147	MP3C	X	-2.456	-2.456	0 %100
148	MP3C	Z	-1.418	-1.418	0 %100
149	MP4C	X	-2.456	-2.456	0 %100
150	MP4C	Z	-1.418	-1.418	0 %100
151	MP1B	X	-2.456	-2.456	0 %100
152	MP1B	Z	-1.418	-1.418	0 %100
153	MP2B	X	-2.456	-2.456	0 %100
154	MP2B	Z	-1.418	-1.418	0 %100
155	MP3B	X	-2.456	-2.456	0 %100
156	MP3B	Z	-1.418	-1.418	0 %100
157	MP4B	X	-2.456	-2.456	0 %100
158	MP4B	Z	-1.418	-1.418	0 %100
159	M148B	X	-2.014	-2.014	0 %100
160	M148B	Z	-1.163	-1.163	0 %100
161	M153B	X	-.474	-.474	0 %100
162	M153B	Z	-.274	-.274	0 %100
163	M154B	X	-.474	-.474	0 %100
164	M154B	Z	-.274	-.274	0 %100
165	M159A	X	-.474	-.474	0 %100
166	M159A	Z	-.274	-.274	0 %100
167	M160A	X	-.474	-.474	0 %100
168	M160A	Z	-.274	-.274	0 %100
169	M162A	X	-2.014	-2.014	0 %100
170	M162A	Z	-1.163	-1.163	0 %100
171	M167A	X	-.885	-.885	0 %100
172	M167A	Z	-.511	-.511	0 %100
173	M168A	X	-.885	-.885	0 %100
174	M168A	Z	-.511	-.511	0 %100
175	M173B	X	-.885	-.885	0 %100
176	M173B	Z	-.511	-.511	0 %100
177	M174A	X	-.885	-.885	0 %100
178	M174A	Z	-.511	-.511	0 %100
179	M176A	X	-2.014	-2.014	0 %100

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, %]
180	M176A	Z	-1.163	-1.163	0 %100
181	M181A	X	-.064	-.064	0 %100
182	M181A	Z	-.037	-.037	0 %100
183	M182A	X	-.064	-.064	0 %100
184	M182A	Z	-.037	-.037	0 %100
185	M187B	X	-.064	-.064	0 %100
186	M187B	Z	-.037	-.037	0 %100
187	M188	X	-.064	-.064	0 %100
188	M188	Z	-.037	-.037	0 %100
189	M187C	X	-1.898	-1.898	0 %100
190	M187C	Z	-1.096	-1.096	0 %100
191	M190	X	-1.898	-1.898	0 %100
192	M190	Z	-1.096	-1.096	0 %100
193	M193	X	-1.898	-1.898	0 %100
194	M193	Z	-1.096	-1.096	0 %100
195	M198	X	-2.456	-2.456	0 %100
196	M198	Z	-1.418	-1.418	0 %100
197	M201	X	-2.456	-2.456	0 %100
198	M201	Z	-1.418	-1.418	0 %100
199	M204	X	-2.456	-2.456	0 %100
200	M204	Z	-1.418	-1.418	0 %100
201	M209	X	-.679	-.679	0 %100
202	M209	Z	-.392	-.392	0 %100
203	M214	X	-.679	-.679	0 %100
204	M214	Z	-.392	-.392	0 %100
205	M219	X	-2.717	-2.717	0 %100
206	M219	Z	-1.568	-1.568	0 %100
207	M226	X	-.806	-.806	0 %100
208	M226	Z	-.465	-.465	0 %100
209	M227	X	-.806	-.806	0 %100
210	M227	Z	-.465	-.465	0 %100
211	M228	X	-3.225	-3.225	0 %100
212	M228	Z	-1.862	-1.862	0 %100
213	M231	X	-.241	-.241	0 %100
214	M231	Z	-.139	-.139	0 %100
215	M233	X	-.241	-.241	0 %100
216	M233	Z	-.139	-.139	0 %100
217	M237	X	-.966	-.966	0 %100
218	M237	Z	-.558	-.558	0 %100
219	M242	X	-2.621	-2.621	0 %100
220	M242	Z	-1.513	-1.513	0 %100
221	M243	X	-2.699	-2.699	0 %100
222	M243	Z	-1.558	-1.558	0 %100
223	M244	X	-2.796	-2.796	0 %100
224	M244	Z	-1.614	-1.614	0 %100
225	M251A	X	-2.796	-2.796	0 %100
226	M251A	Z	-1.614	-1.614	0 %100
227	M253	X	-2.796	-2.796	0 %100
228	M253	Z	-1.614	-1.614	0 %100
229	M256	X	-3.184	-3.184	0 %100
230	M256	Z	-1.839	-1.839	0 %100
231	M257	X	-3.184	-3.184	0 %100
232	M257	Z	-1.839	-1.839	0 %100
233	M258	X	-2.237	-2.237	0 %100
234	M258	Z	-1.292	-1.292	0 %100
235	M259	X	-2.621	-2.621	0 %100
236	M259	Z	-1.513	-1.513	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, %]
237	M260	X	-2.699	-2.699	0	%100
238	M260	Z	-1.558	-1.558	0	%100
239	M261	X	-2.796	-2.796	0	%100
240	M261	Z	-1.614	-1.614	0	%100
241	M262	X	-1.618	-1.618	0	%100
242	M262	Z	-.934	-.934	0	%100
243	M263	X	-1.963	-1.963	0	%100
244	M263	Z	-1.133	-1.133	0	%100
245	M264	X	-2.796	-2.796	0	%100
246	M264	Z	-1.614	-1.614	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M1	X	-.85	-.85	0	%100
2	M1	Z	-1.472	-1.472	0	%100
3	M2	X	-.738	-.738	0	%100
4	M2	Z	-1.278	-1.278	0	%100
5	M3	X	-1.614	-1.614	0	%100
6	M3	Z	-2.796	-2.796	0	%100
7	M6	X	-.404	-.404	0	%100
8	M6	Z	-.699	-.699	0	%100
9	M27	X	-1.214	-1.214	0	%100
10	M27	Z	-2.103	-2.103	0	%100
11	M33	X	-1.214	-1.214	0	%100
12	M33	Z	-2.103	-2.103	0	%100
13	M34	X	-2.784	-2.784	0	%100
14	M34	Z	-4.823	-4.823	0	%100
15	M35	X	-2.784	-2.784	0	%100
16	M35	Z	-4.823	-4.823	0	%100
17	MP1A	X	-1.418	-1.418	0	%100
18	MP1A	Z	-2.456	-2.456	0	%100
19	M147	X	-.456	-.456	0	%100
20	M147	Z	-.789	-.789	0	%100
21	M148	X	-.456	-.456	0	%100
22	M148	Z	-.789	-.789	0	%100
23	M103A	X	-1.283	-1.283	0	%100
24	M103A	Z	-2.222	-2.222	0	%100
25	M104A	X	-1.499	-1.499	0	%100
26	M104A	Z	-2.597	-2.597	0	%100
27	M101A	X	-1.44	-1.44	0	%100
28	M101A	Z	-2.494	-2.494	0	%100
29	M101B	X	-1.499	-1.499	0	%100
30	M101B	Z	-2.597	-2.597	0	%100
31	M102A	X	-1.289	-1.289	0	%100
32	M102A	Z	-2.232	-2.232	0	%100
33	M103B	X	-1.499	-1.499	0	%100
34	M103B	Z	-2.597	-2.597	0	%100
35	M104B	X	-1.439	-1.439	0	%100
36	M104B	Z	-2.492	-2.492	0	%100
37	M110B	X	-1.568	-1.568	0	%100
38	M110B	Z	-2.717	-2.717	0	%100
39	M109B	X	-1.214	-1.214	0	%100
40	M109B	Z	-2.103	-2.103	0	%100
41	M110C	X	-1.214	-1.214	0	%100
42	M110C	Z	-2.103	-2.103	0	%100
43	M108A	X	0	0	0	%100



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 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, %]	
44	M108A	Z	0	0	0	%100
45	M109A	X	0	0	0	%100
46	M109A	Z	0	0	0	%100
47	M112A	X	-1.214	-1.214	0	%100
48	M112A	Z	-2.103	-2.103	0	%100
49	M113A	X	-1.214	-1.214	0	%100
50	M113A	Z	-2.103	-2.103	0	%100
51	M116A	X	0	0	0	%100
52	M116A	Z	0	0	0	%100
53	M117B	X	-2.784	-2.784	0	%100
54	M117B	Z	-4.823	-4.823	0	%100
55	M118A	X	-.404	-.404	0	%100
56	M118A	Z	-.699	-.699	0	%100
57	M118C	X	-.404	-.404	0	%100
58	M118C	Z	-.699	-.699	0	%100
59	M122A	X	0	0	0	%100
60	M122A	Z	0	0	0	%100
61	M123A	X	0	0	0	%100
62	M123A	Z	0	0	0	%100
63	M124A	X	0	0	0	%100
64	M124A	Z	0	0	0	%100
65	M127A	X	-2.784	-2.784	0	%100
66	M127A	Z	-4.823	-4.823	0	%100
67	M128A	X	-1.214	-1.214	0	%100
68	M128A	Z	-2.103	-2.103	0	%100
69	M129A	X	-1.214	-1.214	0	%100
70	M129A	Z	-2.103	-2.103	0	%100
71	M132A	X	-3.399	-3.399	0	%100
72	M132A	Z	-5.888	-5.888	0	%100
73	M133A	X	-2.952	-2.952	0	%100
74	M133A	Z	-5.113	-5.113	0	%100
75	M136B	X	-1.615	-1.615	0	%100
76	M136B	Z	-2.797	-2.797	0	%100
77	M140A	X	-1.615	-1.615	0	%100
78	M140A	Z	-2.797	-2.797	0	%100
79	M142A	X	-1.615	-1.615	0	%100
80	M142A	Z	-2.797	-2.797	0	%100
81	M144A	X	-.85	-.85	0	%100
82	M144A	Z	-1.472	-1.472	0	%100
83	M145B	X	-.738	-.738	0	%100
84	M145B	Z	-1.278	-1.278	0	%100
85	M148A	X	-.404	-.404	0	%100
86	M148A	Z	-.699	-.699	0	%100
87	M152	X	-.404	-.404	0	%100
88	M152	Z	-.699	-.699	0	%100
89	M154	X	-.404	-.404	0	%100
90	M154	Z	-.699	-.699	0	%100
91	M152A	X	-1.568	-1.568	0	%100
92	M152A	Z	-2.717	-2.717	0	%100
93	M153A	X	-1.568	-1.568	0	%100
94	M153A	Z	-2.717	-2.717	0	%100
95	M156	X	-1.494	-1.494	0	%100
96	M156	Z	-2.587	-2.587	0	%100
97	M160	X	-1.823	-1.823	0	%100
98	M160	Z	-3.158	-3.158	0	%100
99	M161	X	-1.823	-1.823	0	%100
100	M161	Z	-3.158	-3.158	0	%100



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 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, %]	
101	M164	X	0	0	0	%100
102	M164	Z	0	0	0	%100
103	M169	X	-.456	-.456	0	%100
104	M169	Z	-.789	-.789	0	%100
105	M170	X	-.456	-.456	0	%100
106	M170	Z	-.789	-.789	0	%100
107	M173	X	-1.494	-1.494	0	%100
108	M173	Z	-2.587	-2.587	0	%100
109	M173A	X	-.813	-.813	0	%100
110	M173A	Z	-1.408	-1.408	0	%100
111	M174	X	-1.499	-1.499	0	%100
112	M174	Z	-2.597	-2.597	0	%100
113	M175	X	-.676	-.676	0	%100
114	M175	Z	-1.172	-1.172	0	%100
115	M176	X	-1.499	-1.499	0	%100
116	M176	Z	-2.597	-2.597	0	%100
117	M177	X	-.873	-.873	0	%100
118	M177	Z	-1.511	-1.511	0	%100
119	M178	X	-1.499	-1.499	0	%100
120	M178	Z	-2.597	-2.597	0	%100
121	M179	X	-.661	-.661	0	%100
122	M179	Z	-1.145	-1.145	0	%100
123	M180	X	-1.283	-1.283	0	%100
124	M180	Z	-2.222	-2.222	0	%100
125	M181	X	-1.499	-1.499	0	%100
126	M181	Z	-2.597	-2.597	0	%100
127	M182	X	-1.44	-1.44	0	%100
128	M182	Z	-2.494	-2.494	0	%100
129	M183	X	-1.499	-1.499	0	%100
130	M183	Z	-2.597	-2.597	0	%100
131	M184	X	-1.289	-1.289	0	%100
132	M184	Z	-2.232	-2.232	0	%100
133	M185	X	-1.499	-1.499	0	%100
134	M185	Z	-2.597	-2.597	0	%100
135	M186	X	-1.439	-1.439	0	%100
136	M186	Z	-2.492	-2.492	0	%100
137	MP2A	X	-1.418	-1.418	0	%100
138	MP2A	Z	-2.456	-2.456	0	%100
139	MP3A	X	-1.418	-1.418	0	%100
140	MP3A	Z	-2.456	-2.456	0	%100
141	MP4A	X	-1.418	-1.418	0	%100
142	MP4A	Z	-2.456	-2.456	0	%100
143	MP1C	X	-1.418	-1.418	0	%100
144	MP1C	Z	-2.456	-2.456	0	%100
145	MP2C	X	-1.418	-1.418	0	%100
146	MP2C	Z	-2.456	-2.456	0	%100
147	MP3C	X	-1.418	-1.418	0	%100
148	MP3C	Z	-2.456	-2.456	0	%100
149	MP4C	X	-1.418	-1.418	0	%100
150	MP4C	Z	-2.456	-2.456	0	%100
151	MP1B	X	-1.418	-1.418	0	%100
152	MP1B	Z	-2.456	-2.456	0	%100
153	MP2B	X	-1.418	-1.418	0	%100
154	MP2B	Z	-2.456	-2.456	0	%100
155	MP3B	X	-1.418	-1.418	0	%100
156	MP3B	Z	-2.456	-2.456	0	%100
157	MP4B	X	-1.418	-1.418	0	%100



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 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, %]
158	MP4B	Z	-2.456	-2.456	0 %100
159	M148B	X	-1.163	-1.163	0 %100
160	M148B	Z	-2.014	-2.014	0 %100
161	M153B	X	-.037	-.037	0 %100
162	M153B	Z	-.064	-.064	0 %100
163	M154B	X	-.037	-.037	0 %100
164	M154B	Z	-.064	-.064	0 %100
165	M159A	X	-.037	-.037	0 %100
166	M159A	Z	-.064	-.064	0 %100
167	M160A	X	-.037	-.037	0 %100
168	M160A	Z	-.064	-.064	0 %100
169	M162A	X	-1.163	-1.163	0 %100
170	M162A	Z	-2.014	-2.014	0 %100
171	M167A	X	-.511	-.511	0 %100
172	M167A	Z	-.885	-.885	0 %100
173	M168A	X	-.511	-.511	0 %100
174	M168A	Z	-.885	-.885	0 %100
175	M173B	X	-.511	-.511	0 %100
176	M173B	Z	-.885	-.885	0 %100
177	M174A	X	-.511	-.511	0 %100
178	M174A	Z	-.885	-.885	0 %100
179	M176A	X	-1.163	-1.163	0 %100
180	M176A	Z	-2.014	-2.014	0 %100
181	M181A	X	-.274	-.274	0 %100
182	M181A	Z	-.474	-.474	0 %100
183	M182A	X	-.274	-.274	0 %100
184	M182A	Z	-.474	-.474	0 %100
185	M187B	X	-.274	-.274	0 %100
186	M187B	Z	-.474	-.474	0 %100
187	M188	X	-.274	-.274	0 %100
188	M188	Z	-.474	-.474	0 %100
189	M187C	X	-1.096	-1.096	0 %100
190	M187C	Z	-1.898	-1.898	0 %100
191	M190	X	-1.096	-1.096	0 %100
192	M190	Z	-1.898	-1.898	0 %100
193	M193	X	-1.096	-1.096	0 %100
194	M193	Z	-1.898	-1.898	0 %100
195	M198	X	-1.418	-1.418	0 %100
196	M198	Z	-2.456	-2.456	0 %100
197	M201	X	-1.418	-1.418	0 %100
198	M201	Z	-2.456	-2.456	0 %100
199	M204	X	-1.418	-1.418	0 %100
200	M204	Z	-2.456	-2.456	0 %100
201	M209	X	-1.176	-1.176	0 %100
202	M209	Z	-2.037	-2.037	0 %100
203	M214	X	0	0	0 %100
204	M214	Z	0	0	0 %100
205	M219	X	-1.176	-1.176	0 %100
206	M219	Z	-2.037	-2.037	0 %100
207	M226	X	-1.396	-1.396	0 %100
208	M226	Z	-2.419	-2.419	0 %100
209	M227	X	0	0	0 %100
210	M227	Z	0	0	0 %100
211	M228	X	-1.396	-1.396	0 %100
212	M228	Z	-2.419	-2.419	0 %100
213	M231	X	-.418	-.418	0 %100
214	M231	Z	-.724	-.724	0 %100



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 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, %]
215	M233	X	0	0	0	%100
216	M233	Z	0	0	0	%100
217	M237	X	-0.418	-0.418	0	%100
218	M237	Z	-0.724	-0.724	0	%100
219	M242	X	-1.127	-1.127	0	%100
220	M242	Z	-1.953	-1.953	0	%100
221	M243	X	-1.275	-1.275	0	%100
222	M243	Z	-2.208	-2.208	0	%100
223	M244	X	-1.614	-1.614	0	%100
224	M244	Z	-2.796	-2.796	0	%100
225	M251A	X	-1.614	-1.614	0	%100
226	M251A	Z	-2.796	-2.796	0	%100
227	M253	X	-1.614	-1.614	0	%100
228	M253	Z	-2.796	-2.796	0	%100
229	M256	X	-1.474	-1.474	0	%100
230	M256	Z	-2.553	-2.553	0	%100
231	M257	X	-2.021	-2.021	0	%100
232	M257	Z	-3.5	-3.5	0	%100
233	M258	X	-1.474	-1.474	0	%100
234	M258	Z	-2.553	-2.553	0	%100
235	M259	X	-1.706	-1.706	0	%100
236	M259	Z	-2.956	-2.956	0	%100
237	M260	X	-1.7	-1.7	0	%100
238	M260	Z	-2.944	-2.944	0	%100
239	M261	X	-1.614	-1.614	0	%100
240	M261	Z	-2.796	-2.796	0	%100
241	M262	X	-1.127	-1.127	0	%100
242	M262	Z	-1.953	-1.953	0	%100
243	M263	X	-1.275	-1.275	0	%100
244	M263	Z	-2.208	-2.208	0	%100
245	M264	X	-1.614	-1.614	0	%100
246	M264	Z	-2.796	-2.796	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	-0.703	-0.703	0	%100
7	M6	X	0	0	0	%100
8	M6	Z	0	0	0	%100
9	M27	X	0	0	0	%100
10	M27	Z	-0.867	-0.867	0	%100
11	M33	X	0	0	0	%100
12	M33	Z	-0.867	-0.867	0	%100
13	M34	X	0	0	0	%100
14	M34	Z	-2.167	-2.167	0	%100
15	M35	X	0	0	0	%100
16	M35	Z	-2.167	-2.167	0	%100
17	MP1A	X	0	0	0	%100
18	MP1A	Z	-0.515	-0.515	0	%100
19	M147	X	0	0	0	%100
20	M147	Z	0	0	0	%100
21	M148	X	0	0	0	%100



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 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,%]	
22	M148	Z	0	0	0	%100
23	M103A	X	0	0	0	%100
24	M103A	Z	-.542	-.542	0	%100
25	M104A	X	0	0	0	%100
26	M104A	Z	-.653	-.653	0	%100
27	M101A	X	0	0	0	%100
28	M101A	Z	-.722	-.722	0	%100
29	M101B	X	0	0	0	%100
30	M101B	Z	-.653	-.653	0	%100
31	M102A	X	0	0	0	%100
32	M102A	Z	-.542	-.542	0	%100
33	M103B	X	0	0	0	%100
34	M103B	Z	-.653	-.653	0	%100
35	M104B	X	0	0	0	%100
36	M104B	Z	-.722	-.722	0	%100
37	M110B	X	0	0	0	%100
38	M110B	Z	-.623	-.623	0	%100
39	M109B	X	0	0	0	%100
40	M109B	Z	-.867	-.867	0	%100
41	M110C	X	0	0	0	%100
42	M110C	Z	-.867	-.867	0	%100
43	M108A	X	0	0	0	%100
44	M108A	Z	-.217	-.217	0	%100
45	M109A	X	0	0	0	%100
46	M109A	Z	-.217	-.217	0	%100
47	M112A	X	0	0	0	%100
48	M112A	Z	-.217	-.217	0	%100
49	M113A	X	0	0	0	%100
50	M113A	Z	-.217	-.217	0	%100
51	M116A	X	0	0	0	%100
52	M116A	Z	-.542	-.542	0	%100
53	M117B	X	0	0	0	%100
54	M117B	Z	-.542	-.542	0	%100
55	M118A	X	0	0	0	%100
56	M118A	Z	0	0	0	%100
57	M118C	X	0	0	0	%100
58	M118C	Z	0	0	0	%100
59	M122A	X	0	0	0	%100
60	M122A	Z	-.542	-.542	0	%100
61	M123A	X	0	0	0	%100
62	M123A	Z	-.217	-.217	0	%100
63	M124A	X	0	0	0	%100
64	M124A	Z	-.217	-.217	0	%100
65	M127A	X	0	0	0	%100
66	M127A	Z	-.542	-.542	0	%100
67	M128A	X	0	0	0	%100
68	M128A	Z	-.217	-.217	0	%100
69	M129A	X	0	0	0	%100
70	M129A	Z	-.217	-.217	0	%100
71	M132A	X	0	0	0	%100
72	M132A	Z	-1.456	-1.456	0	%100
73	M133A	X	0	0	0	%100
74	M133A	Z	-1.214	-1.214	0	%100
75	M136B	X	0	0	0	%100
76	M136B	Z	-.65	-.65	0	%100
77	M140A	X	0	0	0	%100
78	M140A	Z	-.65	-.65	0	%100



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 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, %]	
79	M142A	X	0	0	0	%100
80	M142A	Z	-0.65	-0.65	0	%100
81	M144A	X	0	0	0	%100
82	M144A	Z	-1.456	-1.456	0	%100
83	M145B	X	0	0	0	%100
84	M145B	Z	-1.214	-1.214	0	%100
85	M148A	X	0	0	0	%100
86	M148A	Z	-0.65	-0.65	0	%100
87	M152	X	0	0	0	%100
88	M152	Z	-0.65	-0.65	0	%100
89	M154	X	0	0	0	%100
90	M154	Z	-0.65	-0.65	0	%100
91	M152A	X	0	0	0	%100
92	M152A	Z	-0.623	-0.623	0	%100
93	M153A	X	0	0	0	%100
94	M153A	Z	-0.623	-0.623	0	%100
95	M156	X	0	0	0	%100
96	M156	Z	-0.95	-0.95	0	%100
97	M160	X	0	0	0	%100
98	M160	Z	-0.658	-0.658	0	%100
99	M161	X	0	0	0	%100
100	M161	Z	-0.658	-0.658	0	%100
101	M164	X	0	0	0	%100
102	M164	Z	-0.237	-0.237	0	%100
103	M169	X	0	0	0	%100
104	M169	Z	-0.658	-0.658	0	%100
105	M170	X	0	0	0	%100
106	M170	Z	-0.658	-0.658	0	%100
107	M173	X	0	0	0	%100
108	M173	Z	-0.237	-0.237	0	%100
109	M173A	X	0	0	0	%100
110	M173A	Z	-0.396	-0.396	0	%100
111	M174	X	0	0	0	%100
112	M174	Z	-0.653	-0.653	0	%100
113	M175	X	0	0	0	%100
114	M175	Z	-0.371	-0.371	0	%100
115	M176	X	0	0	0	%100
116	M176	Z	-0.653	-0.653	0	%100
117	M177	X	0	0	0	%100
118	M177	Z	-0.417	-0.417	0	%100
119	M178	X	0	0	0	%100
120	M178	Z	-0.653	-0.653	0	%100
121	M179	X	0	0	0	%100
122	M179	Z	-0.366	-0.366	0	%100
123	M180	X	0	0	0	%100
124	M180	Z	-0.396	-0.396	0	%100
125	M181	X	0	0	0	%100
126	M181	Z	-0.653	-0.653	0	%100
127	M182	X	0	0	0	%100
128	M182	Z	-0.371	-0.371	0	%100
129	M183	X	0	0	0	%100
130	M183	Z	-0.653	-0.653	0	%100
131	M184	X	0	0	0	%100
132	M184	Z	-0.417	-0.417	0	%100
133	M185	X	0	0	0	%100
134	M185	Z	-0.653	-0.653	0	%100
135	M186	X	0	0	0	%100



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 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,%]
136	M186	Z	-0.366	-0.366	0 %100
137	MP2A	X	0	0	0 %100
138	MP2A	Z	-0.515	-0.515	0 %100
139	MP3A	X	0	0	0 %100
140	MP3A	Z	-0.515	-0.515	0 %100
141	MP4A	X	0	0	0 %100
142	MP4A	Z	-0.515	-0.515	0 %100
143	MP1C	X	0	0	0 %100
144	MP1C	Z	-0.515	-0.515	0 %100
145	MP2C	X	0	0	0 %100
146	MP2C	Z	-0.515	-0.515	0 %100
147	MP3C	X	0	0	0 %100
148	MP3C	Z	-0.515	-0.515	0 %100
149	MP4C	X	0	0	0 %100
150	MP4C	Z	-0.515	-0.515	0 %100
151	MP1B	X	0	0	0 %100
152	MP1B	Z	-0.515	-0.515	0 %100
153	MP2B	X	0	0	0 %100
154	MP2B	Z	-0.515	-0.515	0 %100
155	MP3B	X	0	0	0 %100
156	MP3B	Z	-0.515	-0.515	0 %100
157	MP4B	X	0	0	0 %100
158	MP4B	Z	-0.515	-0.515	0 %100
159	M148B	X	0	0	0 %100
160	M148B	Z	-0.421	-0.421	0 %100
161	M153B	X	0	0	0 %100
162	M153B	Z	-0.006	-0.006	0 %100
163	M154B	X	0	0	0 %100
164	M154B	Z	-0.006	-0.006	0 %100
165	M159A	X	0	0	0 %100
166	M159A	Z	-0.006	-0.006	0 %100
167	M160A	X	0	0	0 %100
168	M160A	Z	-0.006	-0.006	0 %100
169	M162A	X	0	0	0 %100
170	M162A	Z	-0.421	-0.421	0 %100
171	M167A	X	0	0	0 %100
172	M167A	Z	-0.045	-0.045	0 %100
173	M168A	X	0	0	0 %100
174	M168A	Z	-0.045	-0.045	0 %100
175	M173B	X	0	0	0 %100
176	M173B	Z	-0.045	-0.045	0 %100
177	M174A	X	0	0	0 %100
178	M174A	Z	-0.045	-0.045	0 %100
179	M176A	X	0	0	0 %100
180	M176A	Z	-0.421	-0.421	0 %100
181	M181A	X	0	0	0 %100
182	M181A	Z	-0.084	-0.084	0 %100
183	M182A	X	0	0	0 %100
184	M182A	Z	-0.084	-0.084	0 %100
185	M187B	X	0	0	0 %100
186	M187B	Z	-0.084	-0.084	0 %100
187	M188	X	0	0	0 %100
188	M188	Z	-0.084	-0.084	0 %100
189	M187C	X	0	0	0 %100
190	M187C	Z	-0.397	-0.397	0 %100
191	M190	X	0	0	0 %100
192	M190	Z	-0.397	-0.397	0 %100



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 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, %]
193	M193	X	0	0	%100
194	M193	Z	-.397	-.397	%100
195	M198	X	0	0	%100
196	M198	Z	-.515	-.515	%100
197	M201	X	0	0	%100
198	M201	Z	-.515	-.515	%100
199	M204	X	0	0	%100
200	M204	Z	-.515	-.515	%100
201	M209	X	0	0	%100
202	M209	Z	-.623	-.623	%100
203	M214	X	0	0	%100
204	M214	Z	-.156	-.156	%100
205	M219	X	0	0	%100
206	M219	Z	-.156	-.156	%100
207	M226	X	0	0	%100
208	M226	Z	-.894	-.894	%100
209	M227	X	0	0	%100
210	M227	Z	-.223	-.223	%100
211	M228	X	0	0	%100
212	M228	Z	-.223	-.223	%100
213	M231	X	0	0	%100
214	M231	Z	-.081	-.081	%100
215	M233	X	0	0	%100
216	M233	Z	-.02	-.02	%100
217	M237	X	0	0	%100
218	M237	Z	-.02	-.02	%100
219	M242	X	0	0	%100
220	M242	Z	-.395	-.395	%100
221	M243	X	0	0	%100
222	M243	Z	-.482	-.482	%100
223	M244	X	0	0	%100
224	M244	Z	-.703	-.703	%100
225	M251A	X	0	0	%100
226	M251A	Z	-.703	-.703	%100
227	M253	X	0	0	%100
228	M253	Z	-.703	-.703	%100
229	M256	X	0	0	%100
230	M256	Z	-.719	-.719	%100
231	M257	X	0	0	%100
232	M257	Z	-.902	-.902	%100
233	M258	X	0	0	%100
234	M258	Z	-.902	-.902	%100
235	M259	X	0	0	%100
236	M259	Z	-.641	-.641	%100
237	M260	X	0	0	%100
238	M260	Z	-.662	-.662	%100
239	M261	X	0	0	%100
240	M261	Z	-.703	-.703	%100
241	M262	X	0	0	%100
242	M262	Z	-.641	-.641	%100
243	M263	X	0	0	%100
244	M263	Z	-.662	-.662	%100
245	M264	X	0	0	%100
246	M264	Z	-.703	-.703	%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, %]
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Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 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, %]
1	M1	X	.243	.243	0	%100
2	M1	Z	-.42	-.42	0	%100
3	M2	X	.202	.202	0	%100
4	M2	Z	-.351	-.351	0	%100
5	M3	X	.351	.351	0	%100
6	M3	Z	-.609	-.609	0	%100
7	M6	X	.108	.108	0	%100
8	M6	Z	-.188	-.188	0	%100
9	M27	X	.325	.325	0	%100
10	M27	Z	-.563	-.563	0	%100
11	M33	X	.325	.325	0	%100
12	M33	Z	-.563	-.563	0	%100
13	M34	X	.813	.813	0	%100
14	M34	Z	-1.407	-1.407	0	%100
15	M35	X	.813	.813	0	%100
16	M35	Z	-1.407	-1.407	0	%100
17	MP1A	X	.257	.257	0	%100
18	MP1A	Z	-.446	-.446	0	%100
19	M147	X	.11	.11	0	%100
20	M147	Z	-.19	-.19	0	%100
21	M148	X	.11	.11	0	%100
22	M148	Z	-.19	-.19	0	%100
23	M103A	X	.247	.247	0	%100
24	M103A	Z	-.427	-.427	0	%100
25	M104A	X	.327	.327	0	%100
26	M104A	Z	-.566	-.566	0	%100
27	M101A	X	.303	.303	0	%100
28	M101A	Z	-.524	-.524	0	%100
29	M101B	X	.327	.327	0	%100
30	M101B	Z	-.566	-.566	0	%100
31	M102A	X	.25	.25	0	%100
32	M102A	Z	-.433	-.433	0	%100
33	M103B	X	.327	.327	0	%100
34	M103B	Z	-.566	-.566	0	%100
35	M104B	X	.302	.302	0	%100
36	M104B	Z	-.523	-.523	0	%100
37	M110B	X	.311	.311	0	%100
38	M110B	Z	-.539	-.539	0	%100
39	M109B	X	.325	.325	0	%100
40	M109B	Z	-.563	-.563	0	%100
41	M110C	X	.325	.325	0	%100
42	M110C	Z	-.563	-.563	0	%100
43	M108A	X	.325	.325	0	%100
44	M108A	Z	-.563	-.563	0	%100
45	M109A	X	.325	.325	0	%100
46	M109A	Z	-.563	-.563	0	%100
47	M112A	X	0	0	0	%100
48	M112A	Z	0	0	0	%100
49	M113A	X	0	0	0	%100
50	M113A	Z	0	0	0	%100
51	M116A	X	.813	.813	0	%100
52	M116A	Z	-1.407	-1.407	0	%100
53	M117B	X	0	0	0	%100
54	M117B	Z	0	0	0	%100
55	M118A	X	.108	.108	0	%100
56	M118A	Z	-.188	-.188	0	%100
57	M118C	X	.108	.108	0	%100



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 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, %]
58	M118C	Z	-.188	-.188	0 %100
59	M122A	X	.813	.813	0 %100
60	M122A	Z	-1.407	-1.407	0 %100
61	M123A	X	.325	.325	0 %100
62	M123A	Z	-.563	-.563	0 %100
63	M124A	X	.325	.325	0 %100
64	M124A	Z	-.563	-.563	0 %100
65	M127A	X	0	0	0 %100
66	M127A	Z	0	0	0 %100
67	M128A	X	0	0	0 %100
68	M128A	Z	0	0	0 %100
69	M129A	X	0	0	0 %100
70	M129A	Z	0	0	0 %100
71	M132A	X	.243	.243	0 %100
72	M132A	Z	-.42	-.42	0 %100
73	M133A	X	.202	.202	0 %100
74	M133A	Z	-.351	-.351	0 %100
75	M136B	X	.108	.108	0 %100
76	M136B	Z	-.188	-.188	0 %100
77	M140A	X	.108	.108	0 %100
78	M140A	Z	-.188	-.188	0 %100
79	M142A	X	.108	.108	0 %100
80	M142A	Z	-.188	-.188	0 %100
81	M144A	X	.971	.971	0 %100
82	M144A	Z	-1.681	-1.681	0 %100
83	M145B	X	.81	.81	0 %100
84	M145B	Z	-1.402	-1.402	0 %100
85	M148A	X	.433	.433	0 %100
86	M148A	Z	-.751	-.751	0 %100
87	M152	X	.433	.433	0 %100
88	M152	Z	-.751	-.751	0 %100
89	M154	X	.433	.433	0 %100
90	M154	Z	-.751	-.751	0 %100
91	M152A	X	.311	.311	0 %100
92	M152A	Z	-.539	-.539	0 %100
93	M153A	X	.311	.311	0 %100
94	M153A	Z	-.539	-.539	0 %100
95	M156	X	.356	.356	0 %100
96	M156	Z	-.617	-.617	0 %100
97	M160	X	.11	.11	0 %100
98	M160	Z	-.19	-.19	0 %100
99	M161	X	.11	.11	0 %100
100	M161	Z	-.19	-.19	0 %100
101	M164	X	.356	.356	0 %100
102	M164	Z	-.617	-.617	0 %100
103	M169	X	.439	.439	0 %100
104	M169	Z	-.76	-.76	0 %100
105	M170	X	.439	.439	0 %100
106	M170	Z	-.76	-.76	0 %100
107	M173	X	0	0	0 %100
108	M173	Z	0	0	0 %100
109	M173A	X	.247	.247	0 %100
110	M173A	Z	-.427	-.427	0 %100
111	M174	X	.327	.327	0 %100
112	M174	Z	-.566	-.566	0 %100
113	M175	X	.303	.303	0 %100
114	M175	Z	-.524	-.524	0 %100



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 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, %]
115	M176	X	.327	.327	0 %100
116	M176	Z	-.566	-.566	0 %100
117	M177	X	.25	.25	0 %100
118	M177	Z	-.433	-.433	0 %100
119	M178	X	.327	.327	0 %100
120	M178	Z	-.566	-.566	0 %100
121	M179	X	.302	.302	0 %100
122	M179	Z	-.523	-.523	0 %100
123	M180	X	.174	.174	0 %100
124	M180	Z	-.301	-.301	0 %100
125	M181	X	.327	.327	0 %100
126	M181	Z	-.566	-.566	0 %100
127	M182	X	.127	.127	0 %100
128	M182	Z	-.22	-.22	0 %100
129	M183	X	.327	.327	0 %100
130	M183	Z	-.566	-.566	0 %100
131	M184	X	.188	.188	0 %100
132	M184	Z	-.325	-.325	0 %100
133	M185	X	.327	.327	0 %100
134	M185	Z	-.566	-.566	0 %100
135	M186	X	.124	.124	0 %100
136	M186	Z	-.214	-.214	0 %100
137	MP2A	X	.257	.257	0 %100
138	MP2A	Z	-.446	-.446	0 %100
139	MP3A	X	.257	.257	0 %100
140	MP3A	Z	-.446	-.446	0 %100
141	MP4A	X	.257	.257	0 %100
142	MP4A	Z	-.446	-.446	0 %100
143	MP1C	X	.257	.257	0 %100
144	MP1C	Z	-.446	-.446	0 %100
145	MP2C	X	.257	.257	0 %100
146	MP2C	Z	-.446	-.446	0 %100
147	MP3C	X	.257	.257	0 %100
148	MP3C	Z	-.446	-.446	0 %100
149	MP4C	X	.257	.257	0 %100
150	MP4C	Z	-.446	-.446	0 %100
151	MP1B	X	.257	.257	0 %100
152	MP1B	Z	-.446	-.446	0 %100
153	MP2B	X	.257	.257	0 %100
154	MP2B	Z	-.446	-.446	0 %100
155	MP3B	X	.257	.257	0 %100
156	MP3B	Z	-.446	-.446	0 %100
157	MP4B	X	.257	.257	0 %100
158	MP4B	Z	-.446	-.446	0 %100
159	M148B	X	.21	.21	0 %100
160	M148B	Z	-.364	-.364	0 %100
161	M153B	X	.023	.023	0 %100
162	M153B	Z	-.039	-.039	0 %100
163	M154B	X	.023	.023	0 %100
164	M154B	Z	-.039	-.039	0 %100
165	M159A	X	.023	.023	0 %100
166	M159A	Z	-.039	-.039	0 %100
167	M160A	X	.023	.023	0 %100
168	M160A	Z	-.039	-.039	0 %100
169	M162A	X	.21	.21	0 %100
170	M162A	Z	-.364	-.364	0 %100
171	M167A	X	.003	.003	0 %100

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, %]
172	M167A	Z	-.005	-.005	0 %100
173	M168A	X	.003	.003	0 %100
174	M168A	Z	-.005	-.005	0 %100
175	M173B	X	.003	.003	0 %100
176	M173B	Z	-.005	-.005	0 %100
177	M174A	X	.003	.003	0 %100
178	M174A	Z	-.005	-.005	0 %100
179	M176A	X	.21	.21	0 %100
180	M176A	Z	-.364	-.364	0 %100
181	M181A	X	.042	.042	0 %100
182	M181A	Z	-.073	-.073	0 %100
183	M182A	X	.042	.042	0 %100
184	M182A	Z	-.073	-.073	0 %100
185	M187B	X	.042	.042	0 %100
186	M187B	Z	-.073	-.073	0 %100
187	M188	X	.042	.042	0 %100
188	M188	Z	-.073	-.073	0 %100
189	M187C	X	.198	.198	0 %100
190	M187C	Z	-.344	-.344	0 %100
191	M190	X	.198	.198	0 %100
192	M190	Z	-.344	-.344	0 %100
193	M193	X	.198	.198	0 %100
194	M193	Z	-.344	-.344	0 %100
195	M198	X	.257	.257	0 %100
196	M198	Z	-.446	-.446	0 %100
197	M201	X	.257	.257	0 %100
198	M201	Z	-.446	-.446	0 %100
199	M204	X	.257	.257	0 %100
200	M204	Z	-.446	-.446	0 %100
201	M209	X	.234	.234	0 %100
202	M209	Z	-.405	-.405	0 %100
203	M214	X	.234	.234	0 %100
204	M214	Z	-.405	-.405	0 %100
205	M219	X	0	0	0 %100
206	M219	Z	0	0	0 %100
207	M226	X	.335	.335	0 %100
208	M226	Z	-.581	-.581	0 %100
209	M227	X	.335	.335	0 %100
210	M227	Z	-.581	-.581	0 %100
211	M228	X	0	0	0 %100
212	M228	Z	0	0	0 %100
213	M231	X	.03	.03	0 %100
214	M231	Z	-.053	-.053	0 %100
215	M233	X	.03	.03	0 %100
216	M233	Z	-.053	-.053	0 %100
217	M237	X	0	0	0 %100
218	M237	Z	0	0	0 %100
219	M242	X	.239	.239	0 %100
220	M242	Z	-.413	-.413	0 %100
221	M243	X	.271	.271	0 %100
222	M243	Z	-.469	-.469	0 %100
223	M244	X	.351	.351	0 %100
224	M244	Z	-.609	-.609	0 %100
225	M251A	X	.351	.351	0 %100
226	M251A	Z	-.609	-.609	0 %100
227	M253	X	.351	.351	0 %100
228	M253	Z	-.609	-.609	0 %100



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 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, %]
229	M256	X	.39	.39	0	%100
230	M256	Z	-.675	-.675	0	%100
231	M257	X	.39	.39	0	%100
232	M257	Z	-.675	-.675	0	%100
233	M258	X	.481	.481	0	%100
234	M258	Z	-.834	-.834	0	%100
235	M259	X	.239	.239	0	%100
236	M259	Z	-.413	-.413	0	%100
237	M260	X	.271	.271	0	%100
238	M260	Z	-.469	-.469	0	%100
239	M261	X	.351	.351	0	%100
240	M261	Z	-.609	-.609	0	%100
241	M262	X	.361	.361	0	%100
242	M262	Z	-.625	-.625	0	%100
243	M263	X	.361	.361	0	%100
244	M263	Z	-.625	-.625	0	%100
245	M264	X	.351	.351	0	%100
246	M264	Z	-.609	-.609	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M1	X	1.261	1.261	0	%100
2	M1	Z	-.728	-.728	0	%100
3	M2	X	1.052	1.052	0	%100
4	M2	Z	-.607	-.607	0	%100
5	M3	X	.609	.609	0	%100
6	M3	Z	-.351	-.351	0	%100
7	M6	X	.563	.563	0	%100
8	M6	Z	-.325	-.325	0	%100
9	M27	X	.188	.188	0	%100
10	M27	Z	-.108	-.108	0	%100
11	M33	X	.188	.188	0	%100
12	M33	Z	-.108	-.108	0	%100
13	M34	X	.469	.469	0	%100
14	M34	Z	-.271	-.271	0	%100
15	M35	X	.469	.469	0	%100
16	M35	Z	-.271	-.271	0	%100
17	MP1A	X	.446	.446	0	%100
18	MP1A	Z	-.257	-.257	0	%100
19	M147	X	.57	.57	0	%100
20	M147	Z	-.329	-.329	0	%100
21	M148	X	.57	.57	0	%100
22	M148	Z	-.329	-.329	0	%100
23	M103A	X	.343	.343	0	%100
24	M103A	Z	-.198	-.198	0	%100
25	M104A	X	.566	.566	0	%100
26	M104A	Z	-.327	-.327	0	%100
27	M101A	X	.321	.321	0	%100
28	M101A	Z	-.185	-.185	0	%100
29	M101B	X	.566	.566	0	%100
30	M101B	Z	-.327	-.327	0	%100
31	M102A	X	.361	.361	0	%100
32	M102A	Z	-.209	-.209	0	%100
33	M103B	X	.566	.566	0	%100
34	M103B	Z	-.327	-.327	0	%100
35	M104B	X	.317	.317	0	%100



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 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, %]
36	M104B	Z	-.183	-.183	0 %100
37	M110B	X	.539	.539	0 %100
38	M110B	Z	-.311	-.311	0 %100
39	M109B	X	.188	.188	0 %100
40	M109B	Z	-.108	-.108	0 %100
41	M110C	X	.188	.188	0 %100
42	M110C	Z	-.108	-.108	0 %100
43	M108A	X	.751	.751	0 %100
44	M108A	Z	-.433	-.433	0 %100
45	M109A	X	.751	.751	0 %100
46	M109A	Z	-.433	-.433	0 %100
47	M112A	X	.188	.188	0 %100
48	M112A	Z	-.108	-.108	0 %100
49	M113A	X	.188	.188	0 %100
50	M113A	Z	-.108	-.108	0 %100
51	M116A	X	1.876	1.876	0 %100
52	M116A	Z	-1.083	-1.083	0 %100
53	M117B	X	.469	.469	0 %100
54	M117B	Z	-.271	-.271	0 %100
55	M118A	X	.563	.563	0 %100
56	M118A	Z	-.325	-.325	0 %100
57	M118C	X	.563	.563	0 %100
58	M118C	Z	-.325	-.325	0 %100
59	M122A	X	1.876	1.876	0 %100
60	M122A	Z	-1.083	-1.083	0 %100
61	M123A	X	.751	.751	0 %100
62	M123A	Z	-.433	-.433	0 %100
63	M124A	X	.751	.751	0 %100
64	M124A	Z	-.433	-.433	0 %100
65	M127A	X	.469	.469	0 %100
66	M127A	Z	-.271	-.271	0 %100
67	M128A	X	.188	.188	0 %100
68	M128A	Z	-.108	-.108	0 %100
69	M129A	X	.188	.188	0 %100
70	M129A	Z	-.108	-.108	0 %100
71	M132A	X	0	0	0 %100
72	M132A	Z	0	0	0 %100
73	M133A	X	0	0	0 %100
74	M133A	Z	0	0	0 %100
75	M136B	X	0	0	0 %100
76	M136B	Z	0	0	0 %100
77	M140A	X	0	0	0 %100
78	M140A	Z	0	0	0 %100
79	M142A	X	0	0	0 %100
80	M142A	Z	0	0	0 %100
81	M144A	X	1.261	1.261	0 %100
82	M144A	Z	-.728	-.728	0 %100
83	M145B	X	1.052	1.052	0 %100
84	M145B	Z	-.607	-.607	0 %100
85	M148A	X	.563	.563	0 %100
86	M148A	Z	-.325	-.325	0 %100
87	M152	X	.563	.563	0 %100
88	M152	Z	-.325	-.325	0 %100
89	M154	X	.563	.563	0 %100
90	M154	Z	-.325	-.325	0 %100
91	M152A	X	.539	.539	0 %100
92	M152A	Z	-.311	-.311	0 %100



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 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, %]
93	M153A	X	.539	.539	0 %100
94	M153A	Z	-.311	-.311	0 %100
95	M156	X	.206	.206	0 %100
96	M156	Z	-.119	-.119	0 %100
97	M160	X	0	0	0 %100
98	M160	Z	0	0	0 %100
99	M161	X	0	0	0 %100
100	M161	Z	0	0	0 %100
101	M164	X	.823	.823	0 %100
102	M164	Z	-.475	-.475	0 %100
103	M169	X	.57	.57	0 %100
104	M169	Z	-.329	-.329	0 %100
105	M170	X	.57	.57	0 %100
106	M170	Z	-.329	-.329	0 %100
107	M173	X	.206	.206	0 %100
108	M173	Z	-.119	-.119	0 %100
109	M173A	X	.469	.469	0 %100
110	M173A	Z	-.271	-.271	0 %100
111	M174	X	.566	.566	0 %100
112	M174	Z	-.327	-.327	0 %100
113	M175	X	.625	.625	0 %100
114	M175	Z	-.361	-.361	0 %100
115	M176	X	.566	.566	0 %100
116	M176	Z	-.327	-.327	0 %100
117	M177	X	.469	.469	0 %100
118	M177	Z	-.271	-.271	0 %100
119	M178	X	.566	.566	0 %100
120	M178	Z	-.327	-.327	0 %100
121	M179	X	.625	.625	0 %100
122	M179	Z	-.361	-.361	0 %100
123	M180	X	.343	.343	0 %100
124	M180	Z	-.198	-.198	0 %100
125	M181	X	.566	.566	0 %100
126	M181	Z	-.327	-.327	0 %100
127	M182	X	.321	.321	0 %100
128	M182	Z	-.185	-.185	0 %100
129	M183	X	.566	.566	0 %100
130	M183	Z	-.327	-.327	0 %100
131	M184	X	.361	.361	0 %100
132	M184	Z	-.209	-.209	0 %100
133	M185	X	.566	.566	0 %100
134	M185	Z	-.327	-.327	0 %100
135	M186	X	.317	.317	0 %100
136	M186	Z	-.183	-.183	0 %100
137	MP2A	X	.446	.446	0 %100
138	MP2A	Z	-.257	-.257	0 %100
139	MP3A	X	.446	.446	0 %100
140	MP3A	Z	-.257	-.257	0 %100
141	MP4A	X	.446	.446	0 %100
142	MP4A	Z	-.257	-.257	0 %100
143	MP1C	X	.446	.446	0 %100
144	MP1C	Z	-.257	-.257	0 %100
145	MP2C	X	.446	.446	0 %100
146	MP2C	Z	-.257	-.257	0 %100
147	MP3C	X	.446	.446	0 %100
148	MP3C	Z	-.257	-.257	0 %100
149	MP4C	X	.446	.446	0 %100



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 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, %]
150	MP4C	Z	-.257	-.257	0 %100
151	MP1B	X	.446	.446	0 %100
152	MP1B	Z	-.257	-.257	0 %100
153	MP2B	X	.446	.446	0 %100
154	MP2B	Z	-.257	-.257	0 %100
155	MP3B	X	.446	.446	0 %100
156	MP3B	Z	-.257	-.257	0 %100
157	MP4B	X	.446	.446	0 %100
158	MP4B	Z	-.257	-.257	0 %100
159	M148B	X	.364	.364	0 %100
160	M148B	Z	-.21	-.21	0 %100
161	M153B	X	.073	.073	0 %100
162	M153B	Z	-.042	-.042	0 %100
163	M154B	X	.073	.073	0 %100
164	M154B	Z	-.042	-.042	0 %100
165	M159A	X	.073	.073	0 %100
166	M159A	Z	-.042	-.042	0 %100
167	M160A	X	.073	.073	0 %100
168	M160A	Z	-.042	-.042	0 %100
169	M162A	X	.364	.364	0 %100
170	M162A	Z	-.21	-.21	0 %100
171	M167A	X	.005	.005	0 %100
172	M167A	Z	-.003	-.003	0 %100
173	M168A	X	.005	.005	0 %100
174	M168A	Z	-.003	-.003	0 %100
175	M173B	X	.005	.005	0 %100
176	M173B	Z	-.003	-.003	0 %100
177	M174A	X	.005	.005	0 %100
178	M174A	Z	-.003	-.003	0 %100
179	M176A	X	.364	.364	0 %100
180	M176A	Z	-.21	-.21	0 %100
181	M181A	X	.039	.039	0 %100
182	M181A	Z	-.023	-.023	0 %100
183	M182A	X	.039	.039	0 %100
184	M182A	Z	-.023	-.023	0 %100
185	M187B	X	.039	.039	0 %100
186	M187B	Z	-.023	-.023	0 %100
187	M188	X	.039	.039	0 %100
188	M188	Z	-.023	-.023	0 %100
189	M187C	X	.344	.344	0 %100
190	M187C	Z	-.198	-.198	0 %100
191	M190	X	.344	.344	0 %100
192	M190	Z	-.198	-.198	0 %100
193	M193	X	.344	.344	0 %100
194	M193	Z	-.198	-.198	0 %100
195	M198	X	.446	.446	0 %100
196	M198	Z	-.257	-.257	0 %100
197	M201	X	.446	.446	0 %100
198	M201	Z	-.257	-.257	0 %100
199	M204	X	.446	.446	0 %100
200	M204	Z	-.257	-.257	0 %100
201	M209	X	.135	.135	0 %100
202	M209	Z	-.078	-.078	0 %100
203	M214	X	.539	.539	0 %100
204	M214	Z	-.311	-.311	0 %100
205	M219	X	.135	.135	0 %100
206	M219	Z	-.078	-.078	0 %100

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, %]
207	M226	X	.194	.194	0	%100
208	M226	Z	-.112	-.112	0	%100
209	M227	X	.774	.774	0	%100
210	M227	Z	-.447	-.447	0	%100
211	M228	X	.194	.194	0	%100
212	M228	Z	-.112	-.112	0	%100
213	M231	X	.018	.018	0	%100
214	M231	Z	-.01	-.01	0	%100
215	M233	X	.07	.07	0	%100
216	M233	Z	-.041	-.041	0	%100
217	M237	X	.018	.018	0	%100
218	M237	Z	-.01	-.01	0	%100
219	M242	X	.555	.555	0	%100
220	M242	Z	-.32	-.32	0	%100
221	M243	X	.573	.573	0	%100
222	M243	Z	-.331	-.331	0	%100
223	M244	X	.609	.609	0	%100
224	M244	Z	-.351	-.351	0	%100
225	M251A	X	.609	.609	0	%100
226	M251A	Z	-.351	-.351	0	%100
227	M253	X	.609	.609	0	%100
228	M253	Z	-.351	-.351	0	%100
229	M256	X	.781	.781	0	%100
230	M256	Z	-.451	-.451	0	%100
231	M257	X	.622	.622	0	%100
232	M257	Z	-.359	-.359	0	%100
233	M258	X	.781	.781	0	%100
234	M258	Z	-.451	-.451	0	%100
235	M259	X	.342	.342	0	%100
236	M259	Z	-.198	-.198	0	%100
237	M260	X	.417	.417	0	%100
238	M260	Z	-.241	-.241	0	%100
239	M261	X	.609	.609	0	%100
240	M261	Z	-.351	-.351	0	%100
241	M262	X	.555	.555	0	%100
242	M262	Z	-.32	-.32	0	%100
243	M263	X	.573	.573	0	%100
244	M263	Z	-.331	-.331	0	%100
245	M264	X	.609	.609	0	%100
246	M264	Z	-.351	-.351	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M1	X	1.941	1.941	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	1.619	1.619	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	.703	.703	0	%100
6	M3	Z	0	0	0	%100
7	M6	X	.867	.867	0	%100
8	M6	Z	0	0	0	%100
9	M27	X	0	0	0	%100
10	M27	Z	0	0	0	%100
11	M33	X	0	0	0	%100
12	M33	Z	0	0	0	%100
13	M34	X	0	0	0	%100



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 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, %]
14	M34	Z	0	0	0	%100
15	M35	X	0	0	0	%100
16	M35	Z	0	0	0	%100
17	MP1A	X	.515	.515	0	%100
18	MP1A	Z	0	0	0	%100
19	M147	X	.877	.877	0	%100
20	M147	Z	0	0	0	%100
21	M148	X	.877	.877	0	%100
22	M148	Z	0	0	0	%100
23	M103A	X	.347	.347	0	%100
24	M103A	Z	0	0	0	%100
25	M104A	X	.653	.653	0	%100
26	M104A	Z	0	0	0	%100
27	M101A	X	.254	.254	0	%100
28	M101A	Z	0	0	0	%100
29	M101B	X	.653	.653	0	%100
30	M101B	Z	0	0	0	%100
31	M102A	X	.375	.375	0	%100
32	M102A	Z	0	0	0	%100
33	M103B	X	.653	.653	0	%100
34	M103B	Z	0	0	0	%100
35	M104B	X	.247	.247	0	%100
36	M104B	Z	0	0	0	%100
37	M110B	X	.623	.623	0	%100
38	M110B	Z	0	0	0	%100
39	M109B	X	0	0	0	%100
40	M109B	Z	0	0	0	%100
41	M110C	X	0	0	0	%100
42	M110C	Z	0	0	0	%100
43	M108A	X	.65	.65	0	%100
44	M108A	Z	0	0	0	%100
45	M109A	X	.65	.65	0	%100
46	M109A	Z	0	0	0	%100
47	M112A	X	.65	.65	0	%100
48	M112A	Z	0	0	0	%100
49	M113A	X	.65	.65	0	%100
50	M113A	Z	0	0	0	%100
51	M116A	X	1.625	1.625	0	%100
52	M116A	Z	0	0	0	%100
53	M117B	X	1.625	1.625	0	%100
54	M117B	Z	0	0	0	%100
55	M118A	X	.867	.867	0	%100
56	M118A	Z	0	0	0	%100
57	M118C	X	.867	.867	0	%100
58	M118C	Z	0	0	0	%100
59	M122A	X	1.625	1.625	0	%100
60	M122A	Z	0	0	0	%100
61	M123A	X	.65	.65	0	%100
62	M123A	Z	0	0	0	%100
63	M124A	X	.65	.65	0	%100
64	M124A	Z	0	0	0	%100
65	M127A	X	1.625	1.625	0	%100
66	M127A	Z	0	0	0	%100
67	M128A	X	.65	.65	0	%100
68	M128A	Z	0	0	0	%100
69	M129A	X	.65	.65	0	%100
70	M129A	Z	0	0	0	%100



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 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, %]
71	M132A	X	.485	.485	0	%100
72	M132A	Z	0	0	0	%100
73	M133A	X	.405	.405	0	%100
74	M133A	Z	0	0	0	%100
75	M136B	X	.217	.217	0	%100
76	M136B	Z	0	0	0	%100
77	M140A	X	.217	.217	0	%100
78	M140A	Z	0	0	0	%100
79	M142A	X	.217	.217	0	%100
80	M142A	Z	0	0	0	%100
81	M144A	X	.485	.485	0	%100
82	M144A	Z	0	0	0	%100
83	M145B	X	.405	.405	0	%100
84	M145B	Z	0	0	0	%100
85	M148A	X	.217	.217	0	%100
86	M148A	Z	0	0	0	%100
87	M152	X	.217	.217	0	%100
88	M152	Z	0	0	0	%100
89	M154	X	.217	.217	0	%100
90	M154	Z	0	0	0	%100
91	M152A	X	.623	.623	0	%100
92	M152A	Z	0	0	0	%100
93	M153A	X	.623	.623	0	%100
94	M153A	Z	0	0	0	%100
95	M156	X	0	0	0	%100
96	M156	Z	0	0	0	%100
97	M160	X	.219	.219	0	%100
98	M160	Z	0	0	0	%100
99	M161	X	.219	.219	0	%100
100	M161	Z	0	0	0	%100
101	M164	X	.712	.712	0	%100
102	M164	Z	0	0	0	%100
103	M169	X	.219	.219	0	%100
104	M169	Z	0	0	0	%100
105	M170	X	.219	.219	0	%100
106	M170	Z	0	0	0	%100
107	M173	X	.712	.712	0	%100
108	M173	Z	0	0	0	%100
109	M173A	X	.493	.493	0	%100
110	M173A	Z	0	0	0	%100
111	M174	X	.653	.653	0	%100
112	M174	Z	0	0	0	%100
113	M175	X	.605	.605	0	%100
114	M175	Z	0	0	0	%100
115	M176	X	.653	.653	0	%100
116	M176	Z	0	0	0	%100
117	M177	X	.5	.5	0	%100
118	M177	Z	0	0	0	%100
119	M178	X	.653	.653	0	%100
120	M178	Z	0	0	0	%100
121	M179	X	.604	.604	0	%100
122	M179	Z	0	0	0	%100
123	M180	X	.493	.493	0	%100
124	M180	Z	0	0	0	%100
125	M181	X	.653	.653	0	%100
126	M181	Z	0	0	0	%100
127	M182	X	.605	.605	0	%100



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 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, %]	
128	M182	Z	0	0	0	%100
129	M183	X	.653	.653	0	%100
130	M183	Z	0	0	0	%100
131	M184	X	.5	.5	0	%100
132	M184	Z	0	0	0	%100
133	M185	X	.653	.653	0	%100
134	M185	Z	0	0	0	%100
135	M186	X	.604	.604	0	%100
136	M186	Z	0	0	0	%100
137	MP2A	X	.515	.515	0	%100
138	MP2A	Z	0	0	0	%100
139	MP3A	X	.515	.515	0	%100
140	MP3A	Z	0	0	0	%100
141	MP4A	X	.515	.515	0	%100
142	MP4A	Z	0	0	0	%100
143	MP1C	X	.515	.515	0	%100
144	MP1C	Z	0	0	0	%100
145	MP2C	X	.515	.515	0	%100
146	MP2C	Z	0	0	0	%100
147	MP3C	X	.515	.515	0	%100
148	MP3C	Z	0	0	0	%100
149	MP4C	X	.515	.515	0	%100
150	MP4C	Z	0	0	0	%100
151	MP1B	X	.515	.515	0	%100
152	MP1B	Z	0	0	0	%100
153	MP2B	X	.515	.515	0	%100
154	MP2B	Z	0	0	0	%100
155	MP3B	X	.515	.515	0	%100
156	MP3B	Z	0	0	0	%100
157	MP4B	X	.515	.515	0	%100
158	MP4B	Z	0	0	0	%100
159	M148B	X	.421	.421	0	%100
160	M148B	Z	0	0	0	%100
161	M153B	X	.084	.084	0	%100
162	M153B	Z	0	0	0	%100
163	M154B	X	.084	.084	0	%100
164	M154B	Z	0	0	0	%100
165	M159A	X	.084	.084	0	%100
166	M159A	Z	0	0	0	%100
167	M160A	X	.084	.084	0	%100
168	M160A	Z	0	0	0	%100
169	M162A	X	.421	.421	0	%100
170	M162A	Z	0	0	0	%100
171	M167A	X	.045	.045	0	%100
172	M167A	Z	0	0	0	%100
173	M168A	X	.045	.045	0	%100
174	M168A	Z	0	0	0	%100
175	M173B	X	.045	.045	0	%100
176	M173B	Z	0	0	0	%100
177	M174A	X	.045	.045	0	%100
178	M174A	Z	0	0	0	%100
179	M176A	X	.421	.421	0	%100
180	M176A	Z	0	0	0	%100
181	M181A	X	.006	.006	0	%100
182	M181A	Z	0	0	0	%100
183	M182A	X	.006	.006	0	%100
184	M182A	Z	0	0	0	%100



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 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, %]
185	M187B	X	.006	.006	0 %100
186	M187B	Z	0	0	0 %100
187	M188	X	.006	.006	0 %100
188	M188	Z	0	0	0 %100
189	M187C	X	.397	.397	0 %100
190	M187C	Z	0	0	0 %100
191	M190	X	.397	.397	0 %100
192	M190	Z	0	0	0 %100
193	M193	X	.397	.397	0 %100
194	M193	Z	0	0	0 %100
195	M198	X	.515	.515	0 %100
196	M198	Z	0	0	0 %100
197	M201	X	.515	.515	0 %100
198	M201	Z	0	0	0 %100
199	M204	X	.515	.515	0 %100
200	M204	Z	0	0	0 %100
201	M209	X	0	0	0 %100
202	M209	Z	0	0	0 %100
203	M214	X	.467	.467	0 %100
204	M214	Z	0	0	0 %100
205	M219	X	.467	.467	0 %100
206	M219	Z	0	0	0 %100
207	M226	X	0	0	0 %100
208	M226	Z	0	0	0 %100
209	M227	X	.67	.67	0 %100
210	M227	Z	0	0	0 %100
211	M228	X	.67	.67	0 %100
212	M228	Z	0	0	0 %100
213	M231	X	0	0	0 %100
214	M231	Z	0	0	0 %100
215	M233	X	.061	.061	0 %100
216	M233	Z	0	0	0 %100
217	M237	X	.061	.061	0 %100
218	M237	Z	0	0	0 %100
219	M242	X	.722	.722	0 %100
220	M242	Z	0	0	0 %100
221	M243	X	.722	.722	0 %100
222	M243	Z	0	0	0 %100
223	M244	X	.703	.703	0 %100
224	M244	Z	0	0	0 %100
225	M251A	X	.703	.703	0 %100
226	M251A	Z	0	0	0 %100
227	M253	X	.703	.703	0 %100
228	M253	Z	0	0	0 %100
229	M256	X	.963	.963	0 %100
230	M256	Z	0	0	0 %100
231	M257	X	.78	.78	0 %100
232	M257	Z	0	0	0 %100
233	M258	X	.78	.78	0 %100
234	M258	Z	0	0	0 %100
235	M259	X	.477	.477	0 %100
236	M259	Z	0	0	0 %100
237	M260	X	.542	.542	0 %100
238	M260	Z	0	0	0 %100
239	M261	X	.703	.703	0 %100
240	M261	Z	0	0	0 %100
241	M262	X	.477	.477	0 %100

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,%]
242	M262	Z	0	0	0	%100
243	M263	X	.542	.542	0	%100
244	M263	Z	0	0	0	%100
245	M264	X	.703	.703	0	%100
246	M264	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft,F...]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	1.261	1.261	0	%100
2	M1	Z	.728	.728	0	%100
3	M2	X	1.052	1.052	0	%100
4	M2	Z	.607	.607	0	%100
5	M3	X	.609	.609	0	%100
6	M3	Z	.351	.351	0	%100
7	M6	X	.563	.563	0	%100
8	M6	Z	.325	.325	0	%100
9	M27	X	.188	.188	0	%100
10	M27	Z	.108	.108	0	%100
11	M33	X	.188	.188	0	%100
12	M33	Z	.108	.108	0	%100
13	M34	X	.469	.469	0	%100
14	M34	Z	.271	.271	0	%100
15	M35	X	.469	.469	0	%100
16	M35	Z	.271	.271	0	%100
17	MP1A	X	.446	.446	0	%100
18	MP1A	Z	.257	.257	0	%100
19	M147	X	.57	.57	0	%100
20	M147	Z	.329	.329	0	%100
21	M148	X	.57	.57	0	%100
22	M148	Z	.329	.329	0	%100
23	M103A	X	.343	.343	0	%100
24	M103A	Z	.198	.198	0	%100
25	M104A	X	.566	.566	0	%100
26	M104A	Z	.327	.327	0	%100
27	M101A	X	.321	.321	0	%100
28	M101A	Z	.185	.185	0	%100
29	M101B	X	.566	.566	0	%100
30	M101B	Z	.327	.327	0	%100
31	M102A	X	.361	.361	0	%100
32	M102A	Z	.209	.209	0	%100
33	M103B	X	.566	.566	0	%100
34	M103B	Z	.327	.327	0	%100
35	M104B	X	.317	.317	0	%100
36	M104B	Z	.183	.183	0	%100
37	M110B	X	.539	.539	0	%100
38	M110B	Z	.311	.311	0	%100
39	M109B	X	.188	.188	0	%100
40	M109B	Z	.108	.108	0	%100
41	M110C	X	.188	.188	0	%100
42	M110C	Z	.108	.108	0	%100
43	M108A	X	.188	.188	0	%100
44	M108A	Z	.108	.108	0	%100
45	M109A	X	.188	.188	0	%100
46	M109A	Z	.108	.108	0	%100
47	M112A	X	.751	.751	0	%100
48	M112A	Z	.433	.433	0	%100



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 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, %]
49	M113A	X	.751	.751	0 %100
50	M113A	Z	.433	.433	0 %100
51	M116A	X	.469	.469	0 %100
52	M116A	Z	.271	.271	0 %100
53	M117B	X	1.876	1.876	0 %100
54	M117B	Z	1.083	1.083	0 %100
55	M118A	X	.563	.563	0 %100
56	M118A	Z	.325	.325	0 %100
57	M118C	X	.563	.563	0 %100
58	M118C	Z	.325	.325	0 %100
59	M122A	X	.469	.469	0 %100
60	M122A	Z	.271	.271	0 %100
61	M123A	X	.188	.188	0 %100
62	M123A	Z	.108	.108	0 %100
63	M124A	X	.188	.188	0 %100
64	M124A	Z	.108	.108	0 %100
65	M127A	X	1.876	1.876	0 %100
66	M127A	Z	1.083	1.083	0 %100
67	M128A	X	.751	.751	0 %100
68	M128A	Z	.433	.433	0 %100
69	M129A	X	.751	.751	0 %100
70	M129A	Z	.433	.433	0 %100
71	M132A	X	1.261	1.261	0 %100
72	M132A	Z	.728	.728	0 %100
73	M133A	X	1.052	1.052	0 %100
74	M133A	Z	.607	.607	0 %100
75	M136B	X	.563	.563	0 %100
76	M136B	Z	.325	.325	0 %100
77	M140A	X	.563	.563	0 %100
78	M140A	Z	.325	.325	0 %100
79	M142A	X	.563	.563	0 %100
80	M142A	Z	.325	.325	0 %100
81	M144A	X	0	0	0 %100
82	M144A	Z	0	0	0 %100
83	M145B	X	0	0	0 %100
84	M145B	Z	0	0	0 %100
85	M148A	X	0	0	0 %100
86	M148A	Z	0	0	0 %100
87	M152	X	0	0	0 %100
88	M152	Z	0	0	0 %100
89	M154	X	0	0	0 %100
90	M154	Z	0	0	0 %100
91	M152A	X	.539	.539	0 %100
92	M152A	Z	.311	.311	0 %100
93	M153A	X	.539	.539	0 %100
94	M153A	Z	.311	.311	0 %100
95	M156	X	.206	.206	0 %100
96	M156	Z	.119	.119	0 %100
97	M160	X	.57	.57	0 %100
98	M160	Z	.329	.329	0 %100
99	M161	X	.57	.57	0 %100
100	M161	Z	.329	.329	0 %100
101	M164	X	.206	.206	0 %100
102	M164	Z	.119	.119	0 %100
103	M169	X	0	0	0 %100
104	M169	Z	0	0	0 %100
105	M170	X	0	0	0 %100



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 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, %]
163	M154B	X	.039	.039	0 %100
164	M154B	Z	.023	.023	0 %100
165	M159A	X	.039	.039	0 %100
166	M159A	Z	.023	.023	0 %100
167	M160A	X	.039	.039	0 %100
168	M160A	Z	.023	.023	0 %100
169	M162A	X	.364	.364	0 %100
170	M162A	Z	.21	.21	0 %100
171	M167A	X	.073	.073	0 %100
172	M167A	Z	.042	.042	0 %100
173	M168A	X	.073	.073	0 %100
174	M168A	Z	.042	.042	0 %100
175	M173B	X	.073	.073	0 %100
176	M173B	Z	.042	.042	0 %100
177	M174A	X	.073	.073	0 %100
178	M174A	Z	.042	.042	0 %100
179	M176A	X	.364	.364	0 %100
180	M176A	Z	.21	.21	0 %100
181	M181A	X	.005	.005	0 %100
182	M181A	Z	.003	.003	0 %100
183	M182A	X	.005	.005	0 %100
184	M182A	Z	.003	.003	0 %100
185	M187B	X	.005	.005	0 %100
186	M187B	Z	.003	.003	0 %100
187	M188	X	.005	.005	0 %100
188	M188	Z	.003	.003	0 %100
189	M187C	X	.344	.344	0 %100
190	M187C	Z	.198	.198	0 %100
191	M190	X	.344	.344	0 %100
192	M190	Z	.198	.198	0 %100
193	M193	X	.344	.344	0 %100
194	M193	Z	.198	.198	0 %100
195	M198	X	.446	.446	0 %100
196	M198	Z	.257	.257	0 %100
197	M201	X	.446	.446	0 %100
198	M201	Z	.257	.257	0 %100
199	M204	X	.446	.446	0 %100
200	M204	Z	.257	.257	0 %100
201	M209	X	.135	.135	0 %100
202	M209	Z	.078	.078	0 %100
203	M214	X	.135	.135	0 %100
204	M214	Z	.078	.078	0 %100
205	M219	X	.539	.539	0 %100
206	M219	Z	.311	.311	0 %100
207	M226	X	.194	.194	0 %100
208	M226	Z	.112	.112	0 %100
209	M227	X	.194	.194	0 %100
210	M227	Z	.112	.112	0 %100
211	M228	X	.774	.774	0 %100
212	M228	Z	.447	.447	0 %100
213	M231	X	.018	.018	0 %100
214	M231	Z	.01	.01	0 %100
215	M233	X	.018	.018	0 %100
216	M233	Z	.01	.01	0 %100
217	M237	X	.07	.07	0 %100
218	M237	Z	.041	.041	0 %100
219	M242	X	.555	.555	0 %100



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 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, %]
220	M242	Z	.32	.32	0	%100
221	M243	X	.573	.573	0	%100
222	M243	Z	.331	.331	0	%100
223	M244	X	.609	.609	0	%100
224	M244	Z	.351	.351	0	%100
225	M251A	X	.609	.609	0	%100
226	M251A	Z	.351	.351	0	%100
227	M253	X	.609	.609	0	%100
228	M253	Z	.351	.351	0	%100
229	M256	X	.781	.781	0	%100
230	M256	Z	.451	.451	0	%100
231	M257	X	.781	.781	0	%100
232	M257	Z	.451	.451	0	%100
233	M258	X	.622	.622	0	%100
234	M258	Z	.359	.359	0	%100
235	M259	X	.555	.555	0	%100
236	M259	Z	.32	.32	0	%100
237	M260	X	.573	.573	0	%100
238	M260	Z	.331	.331	0	%100
239	M261	X	.609	.609	0	%100
240	M261	Z	.351	.351	0	%100
241	M262	X	.342	.342	0	%100
242	M262	Z	.198	.198	0	%100
243	M263	X	.417	.417	0	%100
244	M263	Z	.241	.241	0	%100
245	M264	X	.609	.609	0	%100
246	M264	Z	.351	.351	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M1	X	.243	.243	0	%100
2	M1	Z	.42	.42	0	%100
3	M2	X	.202	.202	0	%100
4	M2	Z	.351	.351	0	%100
5	M3	X	.351	.351	0	%100
6	M3	Z	.609	.609	0	%100
7	M6	X	.108	.108	0	%100
8	M6	Z	.188	.188	0	%100
9	M27	X	.325	.325	0	%100
10	M27	Z	.563	.563	0	%100
11	M33	X	.325	.325	0	%100
12	M33	Z	.563	.563	0	%100
13	M34	X	.813	.813	0	%100
14	M34	Z	1.407	1.407	0	%100
15	M35	X	.813	.813	0	%100
16	M35	Z	1.407	1.407	0	%100
17	MP1A	X	.257	.257	0	%100
18	MP1A	Z	.446	.446	0	%100
19	M147	X	.11	.11	0	%100
20	M147	Z	.19	.19	0	%100
21	M148	X	.11	.11	0	%100
22	M148	Z	.19	.19	0	%100
23	M103A	X	.247	.247	0	%100
24	M103A	Z	.427	.427	0	%100
25	M104A	X	.327	.327	0	%100
26	M104A	Z	.566	.566	0	%100



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 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, %]
27	M101A	X	.303	.303	0	%100
28	M101A	Z	.524	.524	0	%100
29	M101B	X	.327	.327	0	%100
30	M101B	Z	.566	.566	0	%100
31	M102A	X	.25	.25	0	%100
32	M102A	Z	.433	.433	0	%100
33	M103B	X	.327	.327	0	%100
34	M103B	Z	.566	.566	0	%100
35	M104B	X	.302	.302	0	%100
36	M104B	Z	.523	.523	0	%100
37	M110B	X	.311	.311	0	%100
38	M110B	Z	.539	.539	0	%100
39	M109B	X	.325	.325	0	%100
40	M109B	Z	.563	.563	0	%100
41	M110C	X	.325	.325	0	%100
42	M110C	Z	.563	.563	0	%100
43	M108A	X	0	0	0	%100
44	M108A	Z	0	0	0	%100
45	M109A	X	0	0	0	%100
46	M109A	Z	0	0	0	%100
47	M112A	X	.325	.325	0	%100
48	M112A	Z	.563	.563	0	%100
49	M113A	X	.325	.325	0	%100
50	M113A	Z	.563	.563	0	%100
51	M116A	X	0	0	0	%100
52	M116A	Z	0	0	0	%100
53	M117B	X	.813	.813	0	%100
54	M117B	Z	1.407	1.407	0	%100
55	M118A	X	.108	.108	0	%100
56	M118A	Z	.188	.188	0	%100
57	M118C	X	.108	.108	0	%100
58	M118C	Z	.188	.188	0	%100
59	M122A	X	0	0	0	%100
60	M122A	Z	0	0	0	%100
61	M123A	X	0	0	0	%100
62	M123A	Z	0	0	0	%100
63	M124A	X	0	0	0	%100
64	M124A	Z	0	0	0	%100
65	M127A	X	.813	.813	0	%100
66	M127A	Z	1.407	1.407	0	%100
67	M128A	X	.325	.325	0	%100
68	M128A	Z	.563	.563	0	%100
69	M129A	X	.325	.325	0	%100
70	M129A	Z	.563	.563	0	%100
71	M132A	X	.971	.971	0	%100
72	M132A	Z	1.681	1.681	0	%100
73	M133A	X	.81	.81	0	%100
74	M133A	Z	1.402	1.402	0	%100
75	M136B	X	.433	.433	0	%100
76	M136B	Z	.751	.751	0	%100
77	M140A	X	.433	.433	0	%100
78	M140A	Z	.751	.751	0	%100
79	M142A	X	.433	.433	0	%100
80	M142A	Z	.751	.751	0	%100
81	M144A	X	.243	.243	0	%100
82	M144A	Z	.42	.42	0	%100
83	M145B	X	.202	.202	0	%100



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 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, %]
84	M145B	Z	.351	.351	0	%100
85	M148A	X	.108	.108	0	%100
86	M148A	Z	.188	.188	0	%100
87	M152	X	.108	.108	0	%100
88	M152	Z	.188	.188	0	%100
89	M154	X	.108	.108	0	%100
90	M154	Z	.188	.188	0	%100
91	M152A	X	.311	.311	0	%100
92	M152A	Z	.539	.539	0	%100
93	M153A	X	.311	.311	0	%100
94	M153A	Z	.539	.539	0	%100
95	M156	X	.356	.356	0	%100
96	M156	Z	.617	.617	0	%100
97	M160	X	.439	.439	0	%100
98	M160	Z	.76	.76	0	%100
99	M161	X	.439	.439	0	%100
100	M161	Z	.76	.76	0	%100
101	M164	X	0	0	0	%100
102	M164	Z	0	0	0	%100
103	M169	X	.11	.11	0	%100
104	M169	Z	.19	.19	0	%100
105	M170	X	.11	.11	0	%100
106	M170	Z	.19	.19	0	%100
107	M173	X	.356	.356	0	%100
108	M173	Z	.617	.617	0	%100
109	M173A	X	.174	.174	0	%100
110	M173A	Z	.301	.301	0	%100
111	M174	X	.327	.327	0	%100
112	M174	Z	.566	.566	0	%100
113	M175	X	.127	.127	0	%100
114	M175	Z	.22	.22	0	%100
115	M176	X	.327	.327	0	%100
116	M176	Z	.566	.566	0	%100
117	M177	X	.188	.188	0	%100
118	M177	Z	.325	.325	0	%100
119	M178	X	.327	.327	0	%100
120	M178	Z	.566	.566	0	%100
121	M179	X	.124	.124	0	%100
122	M179	Z	.214	.214	0	%100
123	M180	X	.247	.247	0	%100
124	M180	Z	.427	.427	0	%100
125	M181	X	.327	.327	0	%100
126	M181	Z	.566	.566	0	%100
127	M182	X	.303	.303	0	%100
128	M182	Z	.524	.524	0	%100
129	M183	X	.327	.327	0	%100
130	M183	Z	.566	.566	0	%100
131	M184	X	.25	.25	0	%100
132	M184	Z	.433	.433	0	%100
133	M185	X	.327	.327	0	%100
134	M185	Z	.566	.566	0	%100
135	M186	X	.302	.302	0	%100
136	M186	Z	.523	.523	0	%100
137	MP2A	X	.257	.257	0	%100
138	MP2A	Z	.446	.446	0	%100
139	MP3A	X	.257	.257	0	%100
140	MP3A	Z	.446	.446	0	%100



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 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, %]
141	MP4A	X	.257	.257	0 %100
142	MP4A	Z	.446	.446	0 %100
143	MP1C	X	.257	.257	0 %100
144	MP1C	Z	.446	.446	0 %100
145	MP2C	X	.257	.257	0 %100
146	MP2C	Z	.446	.446	0 %100
147	MP3C	X	.257	.257	0 %100
148	MP3C	Z	.446	.446	0 %100
149	MP4C	X	.257	.257	0 %100
150	MP4C	Z	.446	.446	0 %100
151	MP1B	X	.257	.257	0 %100
152	MP1B	Z	.446	.446	0 %100
153	MP2B	X	.257	.257	0 %100
154	MP2B	Z	.446	.446	0 %100
155	MP3B	X	.257	.257	0 %100
156	MP3B	Z	.446	.446	0 %100
157	MP4B	X	.257	.257	0 %100
158	MP4B	Z	.446	.446	0 %100
159	M148B	X	.21	.21	0 %100
160	M148B	Z	.364	.364	0 %100
161	M153B	X	.003	.003	0 %100
162	M153B	Z	.005	.005	0 %100
163	M154B	X	.003	.003	0 %100
164	M154B	Z	.005	.005	0 %100
165	M159A	X	.003	.003	0 %100
166	M159A	Z	.005	.005	0 %100
167	M160A	X	.003	.003	0 %100
168	M160A	Z	.005	.005	0 %100
169	M162A	X	.21	.21	0 %100
170	M162A	Z	.364	.364	0 %100
171	M167A	X	.042	.042	0 %100
172	M167A	Z	.073	.073	0 %100
173	M168A	X	.042	.042	0 %100
174	M168A	Z	.073	.073	0 %100
175	M173B	X	.042	.042	0 %100
176	M173B	Z	.073	.073	0 %100
177	M174A	X	.042	.042	0 %100
178	M174A	Z	.073	.073	0 %100
179	M176A	X	.21	.21	0 %100
180	M176A	Z	.364	.364	0 %100
181	M181A	X	.023	.023	0 %100
182	M181A	Z	.039	.039	0 %100
183	M182A	X	.023	.023	0 %100
184	M182A	Z	.039	.039	0 %100
185	M187B	X	.023	.023	0 %100
186	M187B	Z	.039	.039	0 %100
187	M188	X	.023	.023	0 %100
188	M188	Z	.039	.039	0 %100
189	M187C	X	.198	.198	0 %100
190	M187C	Z	.344	.344	0 %100
191	M190	X	.198	.198	0 %100
192	M190	Z	.344	.344	0 %100
193	M193	X	.198	.198	0 %100
194	M193	Z	.344	.344	0 %100
195	M198	X	.257	.257	0 %100
196	M198	Z	.446	.446	0 %100
197	M201	X	.257	.257	0 %100



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 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, %]
198	M201	Z	.446	.446	0	%100
199	M204	X	.257	.257	0	%100
200	M204	Z	.446	.446	0	%100
201	M209	X	.234	.234	0	%100
202	M209	Z	.405	.405	0	%100
203	M214	X	0	0	0	%100
204	M214	Z	0	0	0	%100
205	M219	X	.234	.234	0	%100
206	M219	Z	.405	.405	0	%100
207	M226	X	.335	.335	0	%100
208	M226	Z	.581	.581	0	%100
209	M227	X	0	0	0	%100
210	M227	Z	0	0	0	%100
211	M228	X	.335	.335	0	%100
212	M228	Z	.581	.581	0	%100
213	M231	X	.03	.03	0	%100
214	M231	Z	.053	.053	0	%100
215	M233	X	0	0	0	%100
216	M233	Z	0	0	0	%100
217	M237	X	.03	.03	0	%100
218	M237	Z	.053	.053	0	%100
219	M242	X	.239	.239	0	%100
220	M242	Z	.413	.413	0	%100
221	M243	X	.271	.271	0	%100
222	M243	Z	.469	.469	0	%100
223	M244	X	.351	.351	0	%100
224	M244	Z	.609	.609	0	%100
225	M251A	X	.351	.351	0	%100
226	M251A	Z	.609	.609	0	%100
227	M253	X	.351	.351	0	%100
228	M253	Z	.609	.609	0	%100
229	M256	X	.39	.39	0	%100
230	M256	Z	.675	.675	0	%100
231	M257	X	.481	.481	0	%100
232	M257	Z	.834	.834	0	%100
233	M258	X	.39	.39	0	%100
234	M258	Z	.675	.675	0	%100
235	M259	X	.361	.361	0	%100
236	M259	Z	.625	.625	0	%100
237	M260	X	.361	.361	0	%100
238	M260	Z	.625	.625	0	%100
239	M261	X	.351	.351	0	%100
240	M261	Z	.609	.609	0	%100
241	M262	X	.239	.239	0	%100
242	M262	Z	.413	.413	0	%100
243	M263	X	.271	.271	0	%100
244	M263	Z	.469	.469	0	%100
245	M264	X	.351	.351	0	%100
246	M264	Z	.609	.609	0	%100

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

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



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 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, %]
5	M3	X	0	0	%100
6	M3	Z	.703	.703	%100
7	M6	X	0	0	%100
8	M6	Z	0	0	%100
9	M27	X	0	0	%100
10	M27	Z	.867	.867	%100
11	M33	X	0	0	%100
12	M33	Z	.867	.867	%100
13	M34	X	0	0	%100
14	M34	Z	2.167	2.167	%100
15	M35	X	0	0	%100
16	M35	Z	2.167	2.167	%100
17	MP1A	X	0	0	%100
18	MP1A	Z	.515	.515	%100
19	M147	X	0	0	%100
20	M147	Z	0	0	%100
21	M148	X	0	0	%100
22	M148	Z	0	0	%100
23	M103A	X	0	0	%100
24	M103A	Z	.542	.542	%100
25	M104A	X	0	0	%100
26	M104A	Z	.653	.653	%100
27	M101A	X	0	0	%100
28	M101A	Z	.722	.722	%100
29	M101B	X	0	0	%100
30	M101B	Z	.653	.653	%100
31	M102A	X	0	0	%100
32	M102A	Z	.542	.542	%100
33	M103B	X	0	0	%100
34	M103B	Z	.653	.653	%100
35	M104B	X	0	0	%100
36	M104B	Z	.722	.722	%100
37	M110B	X	0	0	%100
38	M110B	Z	.623	.623	%100
39	M109B	X	0	0	%100
40	M109B	Z	.867	.867	%100
41	M110C	X	0	0	%100
42	M110C	Z	.867	.867	%100
43	M108A	X	0	0	%100
44	M108A	Z	.217	.217	%100
45	M109A	X	0	0	%100
46	M109A	Z	.217	.217	%100
47	M112A	X	0	0	%100
48	M112A	Z	.217	.217	%100
49	M113A	X	0	0	%100
50	M113A	Z	.217	.217	%100
51	M116A	X	0	0	%100
52	M116A	Z	.542	.542	%100
53	M117B	X	0	0	%100
54	M117B	Z	.542	.542	%100
55	M118A	X	0	0	%100
56	M118A	Z	0	0	%100
57	M118C	X	0	0	%100
58	M118C	Z	0	0	%100
59	M122A	X	0	0	%100
60	M122A	Z	.542	.542	%100
61	M123A	X	0	0	%100



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 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, %]
62	M123A	Z	.217	.217	0 %100
63	M124A	X	0	0	0 %100
64	M124A	Z	.217	.217	0 %100
65	M127A	X	0	0	0 %100
66	M127A	Z	.542	.542	0 %100
67	M128A	X	0	0	0 %100
68	M128A	Z	.217	.217	0 %100
69	M129A	X	0	0	0 %100
70	M129A	Z	.217	.217	0 %100
71	M132A	X	0	0	0 %100
72	M132A	Z	1.456	1.456	0 %100
73	M133A	X	0	0	0 %100
74	M133A	Z	1.214	1.214	0 %100
75	M136B	X	0	0	0 %100
76	M136B	Z	.65	.65	0 %100
77	M140A	X	0	0	0 %100
78	M140A	Z	.65	.65	0 %100
79	M142A	X	0	0	0 %100
80	M142A	Z	.65	.65	0 %100
81	M144A	X	0	0	0 %100
82	M144A	Z	1.456	1.456	0 %100
83	M145B	X	0	0	0 %100
84	M145B	Z	1.214	1.214	0 %100
85	M148A	X	0	0	0 %100
86	M148A	Z	.65	.65	0 %100
87	M152	X	0	0	0 %100
88	M152	Z	.65	.65	0 %100
89	M154	X	0	0	0 %100
90	M154	Z	.65	.65	0 %100
91	M152A	X	0	0	0 %100
92	M152A	Z	.623	.623	0 %100
93	M153A	X	0	0	0 %100
94	M153A	Z	.623	.623	0 %100
95	M156	X	0	0	0 %100
96	M156	Z	.95	.95	0 %100
97	M160	X	0	0	0 %100
98	M160	Z	.658	.658	0 %100
99	M161	X	0	0	0 %100
100	M161	Z	.658	.658	0 %100
101	M164	X	0	0	0 %100
102	M164	Z	.237	.237	0 %100
103	M169	X	0	0	0 %100
104	M169	Z	.658	.658	0 %100
105	M170	X	0	0	0 %100
106	M170	Z	.658	.658	0 %100
107	M173	X	0	0	0 %100
108	M173	Z	.237	.237	0 %100
109	M173A	X	0	0	0 %100
110	M173A	Z	.396	.396	0 %100
111	M174	X	0	0	0 %100
112	M174	Z	.653	.653	0 %100
113	M175	X	0	0	0 %100
114	M175	Z	.371	.371	0 %100
115	M176	X	0	0	0 %100
116	M176	Z	.653	.653	0 %100
117	M177	X	0	0	0 %100
118	M177	Z	.417	.417	0 %100

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, %]
119	M178	X	0	0	%100
120	M178	Z	.653	.653	%100
121	M179	X	0	0	%100
122	M179	Z	.366	.366	%100
123	M180	X	0	0	%100
124	M180	Z	.396	.396	%100
125	M181	X	0	0	%100
126	M181	Z	.653	.653	%100
127	M182	X	0	0	%100
128	M182	Z	.371	.371	%100
129	M183	X	0	0	%100
130	M183	Z	.653	.653	%100
131	M184	X	0	0	%100
132	M184	Z	.417	.417	%100
133	M185	X	0	0	%100
134	M185	Z	.653	.653	%100
135	M186	X	0	0	%100
136	M186	Z	.366	.366	%100
137	MP2A	X	0	0	%100
138	MP2A	Z	.515	.515	%100
139	MP3A	X	0	0	%100
140	MP3A	Z	.515	.515	%100
141	MP4A	X	0	0	%100
142	MP4A	Z	.515	.515	%100
143	MP1C	X	0	0	%100
144	MP1C	Z	.515	.515	%100
145	MP2C	X	0	0	%100
146	MP2C	Z	.515	.515	%100
147	MP3C	X	0	0	%100
148	MP3C	Z	.515	.515	%100
149	MP4C	X	0	0	%100
150	MP4C	Z	.515	.515	%100
151	MP1B	X	0	0	%100
152	MP1B	Z	.515	.515	%100
153	MP2B	X	0	0	%100
154	MP2B	Z	.515	.515	%100
155	MP3B	X	0	0	%100
156	MP3B	Z	.515	.515	%100
157	MP4B	X	0	0	%100
158	MP4B	Z	.515	.515	%100
159	M148B	X	0	0	%100
160	M148B	Z	.421	.421	%100
161	M153B	X	0	0	%100
162	M153B	Z	.006	.006	%100
163	M154B	X	0	0	%100
164	M154B	Z	.006	.006	%100
165	M159A	X	0	0	%100
166	M159A	Z	.006	.006	%100
167	M160A	X	0	0	%100
168	M160A	Z	.006	.006	%100
169	M162A	X	0	0	%100
170	M162A	Z	.421	.421	%100
171	M167A	X	0	0	%100
172	M167A	Z	.045	.045	%100
173	M168A	X	0	0	%100
174	M168A	Z	.045	.045	%100
175	M173B	X	0	0	%100



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 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,%]
176	M173B	Z	.045	.045	0 %100
177	M174A	X	0	0	0 %100
178	M174A	Z	.045	.045	0 %100
179	M176A	X	0	0	0 %100
180	M176A	Z	.421	.421	0 %100
181	M181A	X	0	0	0 %100
182	M181A	Z	.084	.084	0 %100
183	M182A	X	0	0	0 %100
184	M182A	Z	.084	.084	0 %100
185	M187B	X	0	0	0 %100
186	M187B	Z	.084	.084	0 %100
187	M188	X	0	0	0 %100
188	M188	Z	.084	.084	0 %100
189	M187C	X	0	0	0 %100
190	M187C	Z	.397	.397	0 %100
191	M190	X	0	0	0 %100
192	M190	Z	.397	.397	0 %100
193	M193	X	0	0	0 %100
194	M193	Z	.397	.397	0 %100
195	M198	X	0	0	0 %100
196	M198	Z	.515	.515	0 %100
197	M201	X	0	0	0 %100
198	M201	Z	.515	.515	0 %100
199	M204	X	0	0	0 %100
200	M204	Z	.515	.515	0 %100
201	M209	X	0	0	0 %100
202	M209	Z	.623	.623	0 %100
203	M214	X	0	0	0 %100
204	M214	Z	.156	.156	0 %100
205	M219	X	0	0	0 %100
206	M219	Z	.156	.156	0 %100
207	M226	X	0	0	0 %100
208	M226	Z	.894	.894	0 %100
209	M227	X	0	0	0 %100
210	M227	Z	.223	.223	0 %100
211	M228	X	0	0	0 %100
212	M228	Z	.223	.223	0 %100
213	M231	X	0	0	0 %100
214	M231	Z	.081	.081	0 %100
215	M233	X	0	0	0 %100
216	M233	Z	.02	.02	0 %100
217	M237	X	0	0	0 %100
218	M237	Z	.02	.02	0 %100
219	M242	X	0	0	0 %100
220	M242	Z	.395	.395	0 %100
221	M243	X	0	0	0 %100
222	M243	Z	.482	.482	0 %100
223	M244	X	0	0	0 %100
224	M244	Z	.703	.703	0 %100
225	M251A	X	0	0	0 %100
226	M251A	Z	.703	.703	0 %100
227	M253	X	0	0	0 %100
228	M253	Z	.703	.703	0 %100
229	M256	X	0	0	0 %100
230	M256	Z	.719	.719	0 %100
231	M257	X	0	0	0 %100
232	M257	Z	.902	.902	0 %100



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 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, %]
233	M258	X	0	0	0	%100
234	M258	Z	.902	.902	0	%100
235	M259	X	0	0	0	%100
236	M259	Z	.641	.641	0	%100
237	M260	X	0	0	0	%100
238	M260	Z	.662	.662	0	%100
239	M261	X	0	0	0	%100
240	M261	Z	.703	.703	0	%100
241	M262	X	0	0	0	%100
242	M262	Z	.641	.641	0	%100
243	M263	X	0	0	0	%100
244	M263	Z	.662	.662	0	%100
245	M264	X	0	0	0	%100
246	M264	Z	.703	.703	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M1	X	-.243	-.243	0	%100
2	M1	Z	.42	.42	0	%100
3	M2	X	-.202	-.202	0	%100
4	M2	Z	.351	.351	0	%100
5	M3	X	-.351	-.351	0	%100
6	M3	Z	.609	.609	0	%100
7	M6	X	-.108	-.108	0	%100
8	M6	Z	.188	.188	0	%100
9	M27	X	-.325	-.325	0	%100
10	M27	Z	.563	.563	0	%100
11	M33	X	-.325	-.325	0	%100
12	M33	Z	.563	.563	0	%100
13	M34	X	-.813	-.813	0	%100
14	M34	Z	1.407	1.407	0	%100
15	M35	X	-.813	-.813	0	%100
16	M35	Z	1.407	1.407	0	%100
17	MP1A	X	-.257	-.257	0	%100
18	MP1A	Z	.446	.446	0	%100
19	M147	X	-.11	-.11	0	%100
20	M147	Z	.19	.19	0	%100
21	M148	X	-.11	-.11	0	%100
22	M148	Z	.19	.19	0	%100
23	M103A	X	-.247	-.247	0	%100
24	M103A	Z	.427	.427	0	%100
25	M104A	X	-.327	-.327	0	%100
26	M104A	Z	.566	.566	0	%100
27	M101A	X	-.303	-.303	0	%100
28	M101A	Z	.524	.524	0	%100
29	M101B	X	-.327	-.327	0	%100
30	M101B	Z	.566	.566	0	%100
31	M102A	X	-.25	-.25	0	%100
32	M102A	Z	.433	.433	0	%100
33	M103B	X	-.327	-.327	0	%100
34	M103B	Z	.566	.566	0	%100
35	M104B	X	-.302	-.302	0	%100
36	M104B	Z	.523	.523	0	%100
37	M110B	X	-.311	-.311	0	%100
38	M110B	Z	.539	.539	0	%100
39	M109B	X	-.325	-.325	0	%100



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 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, %]
40	M109B	Z	.563	.563	0 %100
41	M110C	X	-.325	-.325	0 %100
42	M110C	Z	.563	.563	0 %100
43	M108A	X	-.325	-.325	0 %100
44	M108A	Z	.563	.563	0 %100
45	M109A	X	-.325	-.325	0 %100
46	M109A	Z	.563	.563	0 %100
47	M112A	X	0	0	0 %100
48	M112A	Z	0	0	0 %100
49	M113A	X	0	0	0 %100
50	M113A	Z	0	0	0 %100
51	M116A	X	-.813	-.813	0 %100
52	M116A	Z	1.407	1.407	0 %100
53	M117B	X	0	0	0 %100
54	M117B	Z	0	0	0 %100
55	M118A	X	-.108	-.108	0 %100
56	M118A	Z	.188	.188	0 %100
57	M118C	X	-.108	-.108	0 %100
58	M118C	Z	.188	.188	0 %100
59	M122A	X	-.813	-.813	0 %100
60	M122A	Z	1.407	1.407	0 %100
61	M123A	X	-.325	-.325	0 %100
62	M123A	Z	.563	.563	0 %100
63	M124A	X	-.325	-.325	0 %100
64	M124A	Z	.563	.563	0 %100
65	M127A	X	0	0	0 %100
66	M127A	Z	0	0	0 %100
67	M128A	X	0	0	0 %100
68	M128A	Z	0	0	0 %100
69	M129A	X	0	0	0 %100
70	M129A	Z	0	0	0 %100
71	M132A	X	-.243	-.243	0 %100
72	M132A	Z	.42	.42	0 %100
73	M133A	X	-.202	-.202	0 %100
74	M133A	Z	.351	.351	0 %100
75	M136B	X	-.108	-.108	0 %100
76	M136B	Z	.188	.188	0 %100
77	M140A	X	-.108	-.108	0 %100
78	M140A	Z	.188	.188	0 %100
79	M142A	X	-.108	-.108	0 %100
80	M142A	Z	.188	.188	0 %100
81	M144A	X	-.971	-.971	0 %100
82	M144A	Z	1.681	1.681	0 %100
83	M145B	X	-.81	-.81	0 %100
84	M145B	Z	1.402	1.402	0 %100
85	M148A	X	-.433	-.433	0 %100
86	M148A	Z	.751	.751	0 %100
87	M152	X	-.433	-.433	0 %100
88	M152	Z	.751	.751	0 %100
89	M154	X	-.433	-.433	0 %100
90	M154	Z	.751	.751	0 %100
91	M152A	X	-.311	-.311	0 %100
92	M152A	Z	.539	.539	0 %100
93	M153A	X	-.311	-.311	0 %100
94	M153A	Z	.539	.539	0 %100
95	M156	X	-.356	-.356	0 %100
96	M156	Z	.617	.617	0 %100



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 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, %]
97	M160	X	-.11	-.11	0 %100
98	M160	Z	.19	.19	0 %100
99	M161	X	-.11	-.11	0 %100
100	M161	Z	.19	.19	0 %100
101	M164	X	-.356	-.356	0 %100
102	M164	Z	.617	.617	0 %100
103	M169	X	-.439	-.439	0 %100
104	M169	Z	.76	.76	0 %100
105	M170	X	-.439	-.439	0 %100
106	M170	Z	.76	.76	0 %100
107	M173	X	0	0	0 %100
108	M173	Z	0	0	0 %100
109	M173A	X	-.247	-.247	0 %100
110	M173A	Z	.427	.427	0 %100
111	M174	X	-.327	-.327	0 %100
112	M174	Z	.566	.566	0 %100
113	M175	X	-.303	-.303	0 %100
114	M175	Z	.524	.524	0 %100
115	M176	X	-.327	-.327	0 %100
116	M176	Z	.566	.566	0 %100
117	M177	X	-.25	-.25	0 %100
118	M177	Z	.433	.433	0 %100
119	M178	X	-.327	-.327	0 %100
120	M178	Z	.566	.566	0 %100
121	M179	X	-.302	-.302	0 %100
122	M179	Z	.523	.523	0 %100
123	M180	X	-.174	-.174	0 %100
124	M180	Z	.301	.301	0 %100
125	M181	X	-.327	-.327	0 %100
126	M181	Z	.566	.566	0 %100
127	M182	X	-.127	-.127	0 %100
128	M182	Z	.22	.22	0 %100
129	M183	X	-.327	-.327	0 %100
130	M183	Z	.566	.566	0 %100
131	M184	X	-.188	-.188	0 %100
132	M184	Z	.325	.325	0 %100
133	M185	X	-.327	-.327	0 %100
134	M185	Z	.566	.566	0 %100
135	M186	X	-.124	-.124	0 %100
136	M186	Z	.214	.214	0 %100
137	MP2A	X	-.257	-.257	0 %100
138	MP2A	Z	.446	.446	0 %100
139	MP3A	X	-.257	-.257	0 %100
140	MP3A	Z	.446	.446	0 %100
141	MP4A	X	-.257	-.257	0 %100
142	MP4A	Z	.446	.446	0 %100
143	MP1C	X	-.257	-.257	0 %100
144	MP1C	Z	.446	.446	0 %100
145	MP2C	X	-.257	-.257	0 %100
146	MP2C	Z	.446	.446	0 %100
147	MP3C	X	-.257	-.257	0 %100
148	MP3C	Z	.446	.446	0 %100
149	MP4C	X	-.257	-.257	0 %100
150	MP4C	Z	.446	.446	0 %100
151	MP1B	X	-.257	-.257	0 %100
152	MP1B	Z	.446	.446	0 %100
153	MP2B	X	-.257	-.257	0 %100



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 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,%]
154	MP2B	Z	.446	.446	0 %100
155	MP3B	X	-.257	-.257	0 %100
156	MP3B	Z	.446	.446	0 %100
157	MP4B	X	-.257	-.257	0 %100
158	MP4B	Z	.446	.446	0 %100
159	M148B	X	-.21	-.21	0 %100
160	M148B	Z	.364	.364	0 %100
161	M153B	X	-.023	-.023	0 %100
162	M153B	Z	.039	.039	0 %100
163	M154B	X	-.023	-.023	0 %100
164	M154B	Z	.039	.039	0 %100
165	M159A	X	-.023	-.023	0 %100
166	M159A	Z	.039	.039	0 %100
167	M160A	X	-.023	-.023	0 %100
168	M160A	Z	.039	.039	0 %100
169	M162A	X	-.21	-.21	0 %100
170	M162A	Z	.364	.364	0 %100
171	M167A	X	-.003	-.003	0 %100
172	M167A	Z	.005	.005	0 %100
173	M168A	X	-.003	-.003	0 %100
174	M168A	Z	.005	.005	0 %100
175	M173B	X	-.003	-.003	0 %100
176	M173B	Z	.005	.005	0 %100
177	M174A	X	-.003	-.003	0 %100
178	M174A	Z	.005	.005	0 %100
179	M176A	X	-.21	-.21	0 %100
180	M176A	Z	.364	.364	0 %100
181	M181A	X	-.042	-.042	0 %100
182	M181A	Z	.073	.073	0 %100
183	M182A	X	-.042	-.042	0 %100
184	M182A	Z	.073	.073	0 %100
185	M187B	X	-.042	-.042	0 %100
186	M187B	Z	.073	.073	0 %100
187	M188	X	-.042	-.042	0 %100
188	M188	Z	.073	.073	0 %100
189	M187C	X	-.198	-.198	0 %100
190	M187C	Z	.344	.344	0 %100
191	M190	X	-.198	-.198	0 %100
192	M190	Z	.344	.344	0 %100
193	M193	X	-.198	-.198	0 %100
194	M193	Z	.344	.344	0 %100
195	M198	X	-.257	-.257	0 %100
196	M198	Z	.446	.446	0 %100
197	M201	X	-.257	-.257	0 %100
198	M201	Z	.446	.446	0 %100
199	M204	X	-.257	-.257	0 %100
200	M204	Z	.446	.446	0 %100
201	M209	X	-.234	-.234	0 %100
202	M209	Z	.405	.405	0 %100
203	M214	X	-.234	-.234	0 %100
204	M214	Z	.405	.405	0 %100
205	M219	X	0	0	0 %100
206	M219	Z	0	0	0 %100
207	M226	X	-.335	-.335	0 %100
208	M226	Z	.581	.581	0 %100
209	M227	X	-.335	-.335	0 %100
210	M227	Z	.581	.581	0 %100



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 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, %]
211	M228	X	0	0	0	%100
212	M228	Z	0	0	0	%100
213	M231	X	-.03	-.03	0	%100
214	M231	Z	.053	.053	0	%100
215	M233	X	-.03	-.03	0	%100
216	M233	Z	.053	.053	0	%100
217	M237	X	0	0	0	%100
218	M237	Z	0	0	0	%100
219	M242	X	-.239	-.239	0	%100
220	M242	Z	.413	.413	0	%100
221	M243	X	-.271	-.271	0	%100
222	M243	Z	.469	.469	0	%100
223	M244	X	-.351	-.351	0	%100
224	M244	Z	.609	.609	0	%100
225	M251A	X	-.351	-.351	0	%100
226	M251A	Z	.609	.609	0	%100
227	M253	X	-.351	-.351	0	%100
228	M253	Z	.609	.609	0	%100
229	M256	X	-.39	-.39	0	%100
230	M256	Z	.675	.675	0	%100
231	M257	X	-.39	-.39	0	%100
232	M257	Z	.675	.675	0	%100
233	M258	X	-.481	-.481	0	%100
234	M258	Z	.834	.834	0	%100
235	M259	X	-.239	-.239	0	%100
236	M259	Z	.413	.413	0	%100
237	M260	X	-.271	-.271	0	%100
238	M260	Z	.469	.469	0	%100
239	M261	X	-.351	-.351	0	%100
240	M261	Z	.609	.609	0	%100
241	M262	X	-.361	-.361	0	%100
242	M262	Z	.625	.625	0	%100
243	M263	X	-.361	-.361	0	%100
244	M263	Z	.625	.625	0	%100
245	M264	X	-.351	-.351	0	%100
246	M264	Z	.609	.609	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M1	X	-1.261	-1.261	0	%100
2	M1	Z	.728	.728	0	%100
3	M2	X	-1.052	-1.052	0	%100
4	M2	Z	.607	.607	0	%100
5	M3	X	-.609	-.609	0	%100
6	M3	Z	.351	.351	0	%100
7	M6	X	-.563	-.563	0	%100
8	M6	Z	.325	.325	0	%100
9	M27	X	-.188	-.188	0	%100
10	M27	Z	.108	.108	0	%100
11	M33	X	-.188	-.188	0	%100
12	M33	Z	.108	.108	0	%100
13	M34	X	-.469	-.469	0	%100
14	M34	Z	.271	.271	0	%100
15	M35	X	-.469	-.469	0	%100
16	M35	Z	.271	.271	0	%100
17	MP1A	X	-.446	-.446	0	%100



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 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, %]
18	MP1A	Z	.257	.257	0	%100
19	M147	X	-.57	-.57	0	%100
20	M147	Z	.329	.329	0	%100
21	M148	X	-.57	-.57	0	%100
22	M148	Z	.329	.329	0	%100
23	M103A	X	-.343	-.343	0	%100
24	M103A	Z	.198	.198	0	%100
25	M104A	X	-.566	-.566	0	%100
26	M104A	Z	.327	.327	0	%100
27	M101A	X	-.321	-.321	0	%100
28	M101A	Z	.185	.185	0	%100
29	M101B	X	-.566	-.566	0	%100
30	M101B	Z	.327	.327	0	%100
31	M102A	X	-.361	-.361	0	%100
32	M102A	Z	.209	.209	0	%100
33	M103B	X	-.566	-.566	0	%100
34	M103B	Z	.327	.327	0	%100
35	M104B	X	-.317	-.317	0	%100
36	M104B	Z	.183	.183	0	%100
37	M110B	X	-.539	-.539	0	%100
38	M110B	Z	.311	.311	0	%100
39	M109B	X	-.188	-.188	0	%100
40	M109B	Z	.108	.108	0	%100
41	M110C	X	-.188	-.188	0	%100
42	M110C	Z	.108	.108	0	%100
43	M108A	X	-.751	-.751	0	%100
44	M108A	Z	.433	.433	0	%100
45	M109A	X	-.751	-.751	0	%100
46	M109A	Z	.433	.433	0	%100
47	M112A	X	-.188	-.188	0	%100
48	M112A	Z	.108	.108	0	%100
49	M113A	X	-.188	-.188	0	%100
50	M113A	Z	.108	.108	0	%100
51	M116A	X	-1.876	-1.876	0	%100
52	M116A	Z	1.083	1.083	0	%100
53	M117B	X	-.469	-.469	0	%100
54	M117B	Z	.271	.271	0	%100
55	M118A	X	-.563	-.563	0	%100
56	M118A	Z	.325	.325	0	%100
57	M118C	X	-.563	-.563	0	%100
58	M118C	Z	.325	.325	0	%100
59	M122A	X	-1.876	-1.876	0	%100
60	M122A	Z	1.083	1.083	0	%100
61	M123A	X	-.751	-.751	0	%100
62	M123A	Z	.433	.433	0	%100
63	M124A	X	-.751	-.751	0	%100
64	M124A	Z	.433	.433	0	%100
65	M127A	X	-.469	-.469	0	%100
66	M127A	Z	.271	.271	0	%100
67	M128A	X	-.188	-.188	0	%100
68	M128A	Z	.108	.108	0	%100
69	M129A	X	-.188	-.188	0	%100
70	M129A	Z	.108	.108	0	%100
71	M132A	X	0	0	0	%100
72	M132A	Z	0	0	0	%100
73	M133A	X	0	0	0	%100
74	M133A	Z	0	0	0	%100



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 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, %]	
75	M136B	X	0	0	0	%100
76	M136B	Z	0	0	0	%100
77	M140A	X	0	0	0	%100
78	M140A	Z	0	0	0	%100
79	M142A	X	0	0	0	%100
80	M142A	Z	0	0	0	%100
81	M144A	X	-1.261	-1.261	0	%100
82	M144A	Z	.728	.728	0	%100
83	M145B	X	-1.052	-1.052	0	%100
84	M145B	Z	.607	.607	0	%100
85	M148A	X	-.563	-.563	0	%100
86	M148A	Z	.325	.325	0	%100
87	M152	X	-.563	-.563	0	%100
88	M152	Z	.325	.325	0	%100
89	M154	X	-.563	-.563	0	%100
90	M154	Z	.325	.325	0	%100
91	M152A	X	-.539	-.539	0	%100
92	M152A	Z	.311	.311	0	%100
93	M153A	X	-.539	-.539	0	%100
94	M153A	Z	.311	.311	0	%100
95	M156	X	-.206	-.206	0	%100
96	M156	Z	.119	.119	0	%100
97	M160	X	0	0	0	%100
98	M160	Z	0	0	0	%100
99	M161	X	0	0	0	%100
100	M161	Z	0	0	0	%100
101	M164	X	-.823	-.823	0	%100
102	M164	Z	.475	.475	0	%100
103	M169	X	-.57	-.57	0	%100
104	M169	Z	.329	.329	0	%100
105	M170	X	-.57	-.57	0	%100
106	M170	Z	.329	.329	0	%100
107	M173	X	-.206	-.206	0	%100
108	M173	Z	.119	.119	0	%100
109	M173A	X	-.469	-.469	0	%100
110	M173A	Z	.271	.271	0	%100
111	M174	X	-.566	-.566	0	%100
112	M174	Z	.327	.327	0	%100
113	M175	X	-.625	-.625	0	%100
114	M175	Z	.361	.361	0	%100
115	M176	X	-.566	-.566	0	%100
116	M176	Z	.327	.327	0	%100
117	M177	X	-.469	-.469	0	%100
118	M177	Z	.271	.271	0	%100
119	M178	X	-.566	-.566	0	%100
120	M178	Z	.327	.327	0	%100
121	M179	X	-.625	-.625	0	%100
122	M179	Z	.361	.361	0	%100
123	M180	X	-.343	-.343	0	%100
124	M180	Z	.198	.198	0	%100
125	M181	X	-.566	-.566	0	%100
126	M181	Z	.327	.327	0	%100
127	M182	X	-.321	-.321	0	%100
128	M182	Z	.185	.185	0	%100
129	M183	X	-.566	-.566	0	%100
130	M183	Z	.327	.327	0	%100
131	M184	X	-.361	-.361	0	%100



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 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, %]
132	M184	Z	.209	.209	0 %100
133	M185	X	-.566	-.566	0 %100
134	M185	Z	.327	.327	0 %100
135	M186	X	-.317	-.317	0 %100
136	M186	Z	.183	.183	0 %100
137	MP2A	X	-.446	-.446	0 %100
138	MP2A	Z	.257	.257	0 %100
139	MP3A	X	-.446	-.446	0 %100
140	MP3A	Z	.257	.257	0 %100
141	MP4A	X	-.446	-.446	0 %100
142	MP4A	Z	.257	.257	0 %100
143	MP1C	X	-.446	-.446	0 %100
144	MP1C	Z	.257	.257	0 %100
145	MP2C	X	-.446	-.446	0 %100
146	MP2C	Z	.257	.257	0 %100
147	MP3C	X	-.446	-.446	0 %100
148	MP3C	Z	.257	.257	0 %100
149	MP4C	X	-.446	-.446	0 %100
150	MP4C	Z	.257	.257	0 %100
151	MP1B	X	-.446	-.446	0 %100
152	MP1B	Z	.257	.257	0 %100
153	MP2B	X	-.446	-.446	0 %100
154	MP2B	Z	.257	.257	0 %100
155	MP3B	X	-.446	-.446	0 %100
156	MP3B	Z	.257	.257	0 %100
157	MP4B	X	-.446	-.446	0 %100
158	MP4B	Z	.257	.257	0 %100
159	M148B	X	-.364	-.364	0 %100
160	M148B	Z	.21	.21	0 %100
161	M153B	X	-.073	-.073	0 %100
162	M153B	Z	.042	.042	0 %100
163	M154B	X	-.073	-.073	0 %100
164	M154B	Z	.042	.042	0 %100
165	M159A	X	-.073	-.073	0 %100
166	M159A	Z	.042	.042	0 %100
167	M160A	X	-.073	-.073	0 %100
168	M160A	Z	.042	.042	0 %100
169	M162A	X	-.364	-.364	0 %100
170	M162A	Z	.21	.21	0 %100
171	M167A	X	-.005	-.005	0 %100
172	M167A	Z	.003	.003	0 %100
173	M168A	X	-.005	-.005	0 %100
174	M168A	Z	.003	.003	0 %100
175	M173B	X	-.005	-.005	0 %100
176	M173B	Z	.003	.003	0 %100
177	M174A	X	-.005	-.005	0 %100
178	M174A	Z	.003	.003	0 %100
179	M176A	X	-.364	-.364	0 %100
180	M176A	Z	.21	.21	0 %100
181	M181A	X	-.039	-.039	0 %100
182	M181A	Z	.023	.023	0 %100
183	M182A	X	-.039	-.039	0 %100
184	M182A	Z	.023	.023	0 %100
185	M187B	X	-.039	-.039	0 %100
186	M187B	Z	.023	.023	0 %100
187	M188	X	-.039	-.039	0 %100
188	M188	Z	.023	.023	0 %100

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, %]
189	M187C	X	-.344	-.344	0 %100
190	M187C	Z	.198	.198	0 %100
191	M190	X	-.344	-.344	0 %100
192	M190	Z	.198	.198	0 %100
193	M193	X	-.344	-.344	0 %100
194	M193	Z	.198	.198	0 %100
195	M198	X	-.446	-.446	0 %100
196	M198	Z	.257	.257	0 %100
197	M201	X	-.446	-.446	0 %100
198	M201	Z	.257	.257	0 %100
199	M204	X	-.446	-.446	0 %100
200	M204	Z	.257	.257	0 %100
201	M209	X	-.135	-.135	0 %100
202	M209	Z	.078	.078	0 %100
203	M214	X	-.539	-.539	0 %100
204	M214	Z	.311	.311	0 %100
205	M219	X	-.135	-.135	0 %100
206	M219	Z	.078	.078	0 %100
207	M226	X	-.194	-.194	0 %100
208	M226	Z	.112	.112	0 %100
209	M227	X	-.774	-.774	0 %100
210	M227	Z	.447	.447	0 %100
211	M228	X	-.194	-.194	0 %100
212	M228	Z	.112	.112	0 %100
213	M231	X	-.018	-.018	0 %100
214	M231	Z	.01	.01	0 %100
215	M233	X	-.07	-.07	0 %100
216	M233	Z	.041	.041	0 %100
217	M237	X	-.018	-.018	0 %100
218	M237	Z	.01	.01	0 %100
219	M242	X	-.555	-.555	0 %100
220	M242	Z	.32	.32	0 %100
221	M243	X	-.573	-.573	0 %100
222	M243	Z	.331	.331	0 %100
223	M244	X	-.609	-.609	0 %100
224	M244	Z	.351	.351	0 %100
225	M251A	X	-.609	-.609	0 %100
226	M251A	Z	.351	.351	0 %100
227	M253	X	-.609	-.609	0 %100
228	M253	Z	.351	.351	0 %100
229	M256	X	-.781	-.781	0 %100
230	M256	Z	.451	.451	0 %100
231	M257	X	-.622	-.622	0 %100
232	M257	Z	.359	.359	0 %100
233	M258	X	-.781	-.781	0 %100
234	M258	Z	.451	.451	0 %100
235	M259	X	-.342	-.342	0 %100
236	M259	Z	.198	.198	0 %100
237	M260	X	-.417	-.417	0 %100
238	M260	Z	.241	.241	0 %100
239	M261	X	-.609	-.609	0 %100
240	M261	Z	.351	.351	0 %100
241	M262	X	-.555	-.555	0 %100
242	M262	Z	.32	.32	0 %100
243	M263	X	-.573	-.573	0 %100
244	M263	Z	.331	.331	0 %100
245	M264	X	-.609	-.609	0 %100



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 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, %]
246	M264	Z	.351	.351	0 %100

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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M1	X	-1.941	-1.941	0 %100
2	M1	Z	0	0	0 %100
3	M2	X	-1.619	-1.619	0 %100
4	M2	Z	0	0	0 %100
5	M3	X	-.703	-.703	0 %100
6	M3	Z	0	0	0 %100
7	M6	X	-.867	-.867	0 %100
8	M6	Z	0	0	0 %100
9	M27	X	0	0	0 %100
10	M27	Z	0	0	0 %100
11	M33	X	0	0	0 %100
12	M33	Z	0	0	0 %100
13	M34	X	0	0	0 %100
14	M34	Z	0	0	0 %100
15	M35	X	0	0	0 %100
16	M35	Z	0	0	0 %100
17	MP1A	X	-.515	-.515	0 %100
18	MP1A	Z	0	0	0 %100
19	M147	X	-.877	-.877	0 %100
20	M147	Z	0	0	0 %100
21	M148	X	-.877	-.877	0 %100
22	M148	Z	0	0	0 %100
23	M103A	X	-.347	-.347	0 %100
24	M103A	Z	0	0	0 %100
25	M104A	X	-.653	-.653	0 %100
26	M104A	Z	0	0	0 %100
27	M101A	X	-.254	-.254	0 %100
28	M101A	Z	0	0	0 %100
29	M101B	X	-.653	-.653	0 %100
30	M101B	Z	0	0	0 %100
31	M102A	X	-.375	-.375	0 %100
32	M102A	Z	0	0	0 %100
33	M103B	X	-.653	-.653	0 %100
34	M103B	Z	0	0	0 %100
35	M104B	X	-.247	-.247	0 %100
36	M104B	Z	0	0	0 %100
37	M110B	X	-.623	-.623	0 %100
38	M110B	Z	0	0	0 %100
39	M109B	X	0	0	0 %100
40	M109B	Z	0	0	0 %100
41	M110C	X	0	0	0 %100
42	M110C	Z	0	0	0 %100
43	M108A	X	-.65	-.65	0 %100
44	M108A	Z	0	0	0 %100
45	M109A	X	-.65	-.65	0 %100
46	M109A	Z	0	0	0 %100
47	M112A	X	-.65	-.65	0 %100
48	M112A	Z	0	0	0 %100
49	M113A	X	-.65	-.65	0 %100
50	M113A	Z	0	0	0 %100
51	M116A	X	-1.625	-1.625	0 %100
52	M116A	Z	0	0	0 %100



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 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, %]
53	M117B	X	-1.625	-1.625	0 %100
54	M117B	Z	0	0	0 %100
55	M118A	X	-.867	-.867	0 %100
56	M118A	Z	0	0	0 %100
57	M118C	X	-.867	-.867	0 %100
58	M118C	Z	0	0	0 %100
59	M122A	X	-1.625	-1.625	0 %100
60	M122A	Z	0	0	0 %100
61	M123A	X	-.65	-.65	0 %100
62	M123A	Z	0	0	0 %100
63	M124A	X	-.65	-.65	0 %100
64	M124A	Z	0	0	0 %100
65	M127A	X	-1.625	-1.625	0 %100
66	M127A	Z	0	0	0 %100
67	M128A	X	-.65	-.65	0 %100
68	M128A	Z	0	0	0 %100
69	M129A	X	-.65	-.65	0 %100
70	M129A	Z	0	0	0 %100
71	M132A	X	-.485	-.485	0 %100
72	M132A	Z	0	0	0 %100
73	M133A	X	-.405	-.405	0 %100
74	M133A	Z	0	0	0 %100
75	M136B	X	-.217	-.217	0 %100
76	M136B	Z	0	0	0 %100
77	M140A	X	-.217	-.217	0 %100
78	M140A	Z	0	0	0 %100
79	M142A	X	-.217	-.217	0 %100
80	M142A	Z	0	0	0 %100
81	M144A	X	-.485	-.485	0 %100
82	M144A	Z	0	0	0 %100
83	M145B	X	-.405	-.405	0 %100
84	M145B	Z	0	0	0 %100
85	M148A	X	-.217	-.217	0 %100
86	M148A	Z	0	0	0 %100
87	M152	X	-.217	-.217	0 %100
88	M152	Z	0	0	0 %100
89	M154	X	-.217	-.217	0 %100
90	M154	Z	0	0	0 %100
91	M152A	X	-.623	-.623	0 %100
92	M152A	Z	0	0	0 %100
93	M153A	X	-.623	-.623	0 %100
94	M153A	Z	0	0	0 %100
95	M156	X	0	0	0 %100
96	M156	Z	0	0	0 %100
97	M160	X	-.219	-.219	0 %100
98	M160	Z	0	0	0 %100
99	M161	X	-.219	-.219	0 %100
100	M161	Z	0	0	0 %100
101	M164	X	-.712	-.712	0 %100
102	M164	Z	0	0	0 %100
103	M169	X	-.219	-.219	0 %100
104	M169	Z	0	0	0 %100
105	M170	X	-.219	-.219	0 %100
106	M170	Z	0	0	0 %100
107	M173	X	-.712	-.712	0 %100
108	M173	Z	0	0	0 %100
109	M173A	X	-.493	-.493	0 %100

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, %]
110	M173A	Z	0	0	%100
111	M174	X	-.653	-.653	%100
112	M174	Z	0	0	%100
113	M175	X	-.605	-.605	%100
114	M175	Z	0	0	%100
115	M176	X	-.653	-.653	%100
116	M176	Z	0	0	%100
117	M177	X	-.5	-.5	%100
118	M177	Z	0	0	%100
119	M178	X	-.653	-.653	%100
120	M178	Z	0	0	%100
121	M179	X	-.604	-.604	%100
122	M179	Z	0	0	%100
123	M180	X	-.493	-.493	%100
124	M180	Z	0	0	%100
125	M181	X	-.653	-.653	%100
126	M181	Z	0	0	%100
127	M182	X	-.605	-.605	%100
128	M182	Z	0	0	%100
129	M183	X	-.653	-.653	%100
130	M183	Z	0	0	%100
131	M184	X	-.5	-.5	%100
132	M184	Z	0	0	%100
133	M185	X	-.653	-.653	%100
134	M185	Z	0	0	%100
135	M186	X	-.604	-.604	%100
136	M186	Z	0	0	%100
137	MP2A	X	-.515	-.515	%100
138	MP2A	Z	0	0	%100
139	MP3A	X	-.515	-.515	%100
140	MP3A	Z	0	0	%100
141	MP4A	X	-.515	-.515	%100
142	MP4A	Z	0	0	%100
143	MP1C	X	-.515	-.515	%100
144	MP1C	Z	0	0	%100
145	MP2C	X	-.515	-.515	%100
146	MP2C	Z	0	0	%100
147	MP3C	X	-.515	-.515	%100
148	MP3C	Z	0	0	%100
149	MP4C	X	-.515	-.515	%100
150	MP4C	Z	0	0	%100
151	MP1B	X	-.515	-.515	%100
152	MP1B	Z	0	0	%100
153	MP2B	X	-.515	-.515	%100
154	MP2B	Z	0	0	%100
155	MP3B	X	-.515	-.515	%100
156	MP3B	Z	0	0	%100
157	MP4B	X	-.515	-.515	%100
158	MP4B	Z	0	0	%100
159	M148B	X	-.421	-.421	%100
160	M148B	Z	0	0	%100
161	M153B	X	-.084	-.084	%100
162	M153B	Z	0	0	%100
163	M154B	X	-.084	-.084	%100
164	M154B	Z	0	0	%100
165	M159A	X	-.084	-.084	%100
166	M159A	Z	0	0	%100



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 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, %]
167	M160A	X	-0.084	-0.084	0 %100
168	M160A	Z	0	0	0 %100
169	M162A	X	-.421	-.421	0 %100
170	M162A	Z	0	0	0 %100
171	M167A	X	-.045	-.045	0 %100
172	M167A	Z	0	0	0 %100
173	M168A	X	-.045	-.045	0 %100
174	M168A	Z	0	0	0 %100
175	M173B	X	-.045	-.045	0 %100
176	M173B	Z	0	0	0 %100
177	M174A	X	-.045	-.045	0 %100
178	M174A	Z	0	0	0 %100
179	M176A	X	-.421	-.421	0 %100
180	M176A	Z	0	0	0 %100
181	M181A	X	-.006	-.006	0 %100
182	M181A	Z	0	0	0 %100
183	M182A	X	-.006	-.006	0 %100
184	M182A	Z	0	0	0 %100
185	M187B	X	-.006	-.006	0 %100
186	M187B	Z	0	0	0 %100
187	M188	X	-.006	-.006	0 %100
188	M188	Z	0	0	0 %100
189	M187C	X	-.397	-.397	0 %100
190	M187C	Z	0	0	0 %100
191	M190	X	-.397	-.397	0 %100
192	M190	Z	0	0	0 %100
193	M193	X	-.397	-.397	0 %100
194	M193	Z	0	0	0 %100
195	M198	X	-.515	-.515	0 %100
196	M198	Z	0	0	0 %100
197	M201	X	-.515	-.515	0 %100
198	M201	Z	0	0	0 %100
199	M204	X	-.515	-.515	0 %100
200	M204	Z	0	0	0 %100
201	M209	X	0	0	0 %100
202	M209	Z	0	0	0 %100
203	M214	X	-.467	-.467	0 %100
204	M214	Z	0	0	0 %100
205	M219	X	-.467	-.467	0 %100
206	M219	Z	0	0	0 %100
207	M226	X	0	0	0 %100
208	M226	Z	0	0	0 %100
209	M227	X	-.67	-.67	0 %100
210	M227	Z	0	0	0 %100
211	M228	X	-.67	-.67	0 %100
212	M228	Z	0	0	0 %100
213	M231	X	0	0	0 %100
214	M231	Z	0	0	0 %100
215	M233	X	-.061	-.061	0 %100
216	M233	Z	0	0	0 %100
217	M237	X	-.061	-.061	0 %100
218	M237	Z	0	0	0 %100
219	M242	X	-.722	-.722	0 %100
220	M242	Z	0	0	0 %100
221	M243	X	-.722	-.722	0 %100
222	M243	Z	0	0	0 %100
223	M244	X	-.703	-.703	0 %100



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 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, %]
224	M244	Z	0	0	0	%100
225	M251A	X	-703	-703	0	%100
226	M251A	Z	0	0	0	%100
227	M253	X	-703	-703	0	%100
228	M253	Z	0	0	0	%100
229	M256	X	-963	-963	0	%100
230	M256	Z	0	0	0	%100
231	M257	X	-78	-78	0	%100
232	M257	Z	0	0	0	%100
233	M258	X	-78	-78	0	%100
234	M258	Z	0	0	0	%100
235	M259	X	-477	-477	0	%100
236	M259	Z	0	0	0	%100
237	M260	X	-542	-542	0	%100
238	M260	Z	0	0	0	%100
239	M261	X	-703	-703	0	%100
240	M261	Z	0	0	0	%100
241	M262	X	-477	-477	0	%100
242	M262	Z	0	0	0	%100
243	M263	X	-542	-542	0	%100
244	M263	Z	0	0	0	%100
245	M264	X	-703	-703	0	%100
246	M264	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M1	X	-1.261	-1.261	0	%100
2	M1	Z	-728	-728	0	%100
3	M2	X	-1.052	-1.052	0	%100
4	M2	Z	-607	-607	0	%100
5	M3	X	-609	-609	0	%100
6	M3	Z	-351	-351	0	%100
7	M6	X	-563	-563	0	%100
8	M6	Z	-325	-325	0	%100
9	M27	X	-188	-188	0	%100
10	M27	Z	-108	-108	0	%100
11	M33	X	-188	-188	0	%100
12	M33	Z	-108	-108	0	%100
13	M34	X	-469	-469	0	%100
14	M34	Z	-271	-271	0	%100
15	M35	X	-469	-469	0	%100
16	M35	Z	-271	-271	0	%100
17	MP1A	X	-446	-446	0	%100
18	MP1A	Z	-257	-257	0	%100
19	M147	X	-57	-57	0	%100
20	M147	Z	-329	-329	0	%100
21	M148	X	-57	-57	0	%100
22	M148	Z	-329	-329	0	%100
23	M103A	X	-343	-343	0	%100
24	M103A	Z	-198	-198	0	%100
25	M104A	X	-566	-566	0	%100
26	M104A	Z	-327	-327	0	%100
27	M101A	X	-321	-321	0	%100
28	M101A	Z	-185	-185	0	%100
29	M101B	X	-566	-566	0	%100
30	M101B	Z	-327	-327	0	%100



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 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, %]
31	M102A	X	-0.361	-0.361	0 %100
32	M102A	Z	-0.209	-0.209	0 %100
33	M103B	X	-0.566	-0.566	0 %100
34	M103B	Z	-0.327	-0.327	0 %100
35	M104B	X	-0.317	-0.317	0 %100
36	M104B	Z	-0.183	-0.183	0 %100
37	M110B	X	-0.539	-0.539	0 %100
38	M110B	Z	-0.311	-0.311	0 %100
39	M109B	X	-0.188	-0.188	0 %100
40	M109B	Z	-0.108	-0.108	0 %100
41	M110C	X	-0.188	-0.188	0 %100
42	M110C	Z	-0.108	-0.108	0 %100
43	M108A	X	-0.188	-0.188	0 %100
44	M108A	Z	-0.108	-0.108	0 %100
45	M109A	X	-0.188	-0.188	0 %100
46	M109A	Z	-0.108	-0.108	0 %100
47	M112A	X	-0.751	-0.751	0 %100
48	M112A	Z	-0.433	-0.433	0 %100
49	M113A	X	-0.751	-0.751	0 %100
50	M113A	Z	-0.433	-0.433	0 %100
51	M116A	X	-0.469	-0.469	0 %100
52	M116A	Z	-0.271	-0.271	0 %100
53	M117B	X	-1.876	-1.876	0 %100
54	M117B	Z	-1.083	-1.083	0 %100
55	M118A	X	-0.563	-0.563	0 %100
56	M118A	Z	-0.325	-0.325	0 %100
57	M118C	X	-0.563	-0.563	0 %100
58	M118C	Z	-0.325	-0.325	0 %100
59	M122A	X	-0.469	-0.469	0 %100
60	M122A	Z	-0.271	-0.271	0 %100
61	M123A	X	-0.188	-0.188	0 %100
62	M123A	Z	-0.108	-0.108	0 %100
63	M124A	X	-0.188	-0.188	0 %100
64	M124A	Z	-0.108	-0.108	0 %100
65	M127A	X	-1.876	-1.876	0 %100
66	M127A	Z	-1.083	-1.083	0 %100
67	M128A	X	-0.751	-0.751	0 %100
68	M128A	Z	-0.433	-0.433	0 %100
69	M129A	X	-0.751	-0.751	0 %100
70	M129A	Z	-0.433	-0.433	0 %100
71	M132A	X	-1.261	-1.261	0 %100
72	M132A	Z	-0.728	-0.728	0 %100
73	M133A	X	-1.052	-1.052	0 %100
74	M133A	Z	-0.607	-0.607	0 %100
75	M136B	X	-0.563	-0.563	0 %100
76	M136B	Z	-0.325	-0.325	0 %100
77	M140A	X	-0.563	-0.563	0 %100
78	M140A	Z	-0.325	-0.325	0 %100
79	M142A	X	-0.563	-0.563	0 %100
80	M142A	Z	-0.325	-0.325	0 %100
81	M144A	X	0	0	0 %100
82	M144A	Z	0	0	0 %100
83	M145B	X	0	0	0 %100
84	M145B	Z	0	0	0 %100
85	M148A	X	0	0	0 %100
86	M148A	Z	0	0	0 %100
87	M152	X	0	0	0 %100



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 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, %]	
88	M152	Z	0	0	0	%100
89	M154	X	0	0	0	%100
90	M154	Z	0	0	0	%100
91	M152A	X	-.539	-.539	0	%100
92	M152A	Z	-.311	-.311	0	%100
93	M153A	X	-.539	-.539	0	%100
94	M153A	Z	-.311	-.311	0	%100
95	M156	X	-.206	-.206	0	%100
96	M156	Z	-.119	-.119	0	%100
97	M160	X	-.57	-.57	0	%100
98	M160	Z	-.329	-.329	0	%100
99	M161	X	-.57	-.57	0	%100
100	M161	Z	-.329	-.329	0	%100
101	M164	X	-.206	-.206	0	%100
102	M164	Z	-.119	-.119	0	%100
103	M169	X	0	0	0	%100
104	M169	Z	0	0	0	%100
105	M170	X	0	0	0	%100
106	M170	Z	0	0	0	%100
107	M173	X	-.823	-.823	0	%100
108	M173	Z	-.475	-.475	0	%100
109	M173A	X	-.343	-.343	0	%100
110	M173A	Z	-.198	-.198	0	%100
111	M174	X	-.566	-.566	0	%100
112	M174	Z	-.327	-.327	0	%100
113	M175	X	-.321	-.321	0	%100
114	M175	Z	-.185	-.185	0	%100
115	M176	X	-.566	-.566	0	%100
116	M176	Z	-.327	-.327	0	%100
117	M177	X	-.361	-.361	0	%100
118	M177	Z	-.209	-.209	0	%100
119	M178	X	-.566	-.566	0	%100
120	M178	Z	-.327	-.327	0	%100
121	M179	X	-.317	-.317	0	%100
122	M179	Z	-.183	-.183	0	%100
123	M180	X	-.469	-.469	0	%100
124	M180	Z	-.271	-.271	0	%100
125	M181	X	-.566	-.566	0	%100
126	M181	Z	-.327	-.327	0	%100
127	M182	X	-.625	-.625	0	%100
128	M182	Z	-.361	-.361	0	%100
129	M183	X	-.566	-.566	0	%100
130	M183	Z	-.327	-.327	0	%100
131	M184	X	-.469	-.469	0	%100
132	M184	Z	-.271	-.271	0	%100
133	M185	X	-.566	-.566	0	%100
134	M185	Z	-.327	-.327	0	%100
135	M186	X	-.625	-.625	0	%100
136	M186	Z	-.361	-.361	0	%100
137	MP2A	X	-.446	-.446	0	%100
138	MP2A	Z	-.257	-.257	0	%100
139	MP3A	X	-.446	-.446	0	%100
140	MP3A	Z	-.257	-.257	0	%100
141	MP4A	X	-.446	-.446	0	%100
142	MP4A	Z	-.257	-.257	0	%100
143	MP1C	X	-.446	-.446	0	%100
144	MP1C	Z	-.257	-.257	0	%100

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, %]
145	MP2C	X	- .446	- .446	0 %100
146	MP2C	Z	- .257	- .257	0 %100
147	MP3C	X	- .446	- .446	0 %100
148	MP3C	Z	- .257	- .257	0 %100
149	MP4C	X	- .446	- .446	0 %100
150	MP4C	Z	- .257	- .257	0 %100
151	MP1B	X	- .446	- .446	0 %100
152	MP1B	Z	- .257	- .257	0 %100
153	MP2B	X	- .446	- .446	0 %100
154	MP2B	Z	- .257	- .257	0 %100
155	MP3B	X	- .446	- .446	0 %100
156	MP3B	Z	- .257	- .257	0 %100
157	MP4B	X	- .446	- .446	0 %100
158	MP4B	Z	- .257	- .257	0 %100
159	M148B	X	- .364	- .364	0 %100
160	M148B	Z	- .21	- .21	0 %100
161	M153B	X	- .039	- .039	0 %100
162	M153B	Z	- .023	- .023	0 %100
163	M154B	X	- .039	- .039	0 %100
164	M154B	Z	- .023	- .023	0 %100
165	M159A	X	- .039	- .039	0 %100
166	M159A	Z	- .023	- .023	0 %100
167	M160A	X	- .039	- .039	0 %100
168	M160A	Z	- .023	- .023	0 %100
169	M162A	X	- .364	- .364	0 %100
170	M162A	Z	- .21	- .21	0 %100
171	M167A	X	- .073	- .073	0 %100
172	M167A	Z	- .042	- .042	0 %100
173	M168A	X	- .073	- .073	0 %100
174	M168A	Z	- .042	- .042	0 %100
175	M173B	X	- .073	- .073	0 %100
176	M173B	Z	- .042	- .042	0 %100
177	M174A	X	- .073	- .073	0 %100
178	M174A	Z	- .042	- .042	0 %100
179	M176A	X	- .364	- .364	0 %100
180	M176A	Z	- .21	- .21	0 %100
181	M181A	X	- .005	- .005	0 %100
182	M181A	Z	- .003	- .003	0 %100
183	M182A	X	- .005	- .005	0 %100
184	M182A	Z	- .003	- .003	0 %100
185	M187B	X	- .005	- .005	0 %100
186	M187B	Z	- .003	- .003	0 %100
187	M188	X	- .005	- .005	0 %100
188	M188	Z	- .003	- .003	0 %100
189	M187C	X	- .344	- .344	0 %100
190	M187C	Z	- .198	- .198	0 %100
191	M190	X	- .344	- .344	0 %100
192	M190	Z	- .198	- .198	0 %100
193	M193	X	- .344	- .344	0 %100
194	M193	Z	- .198	- .198	0 %100
195	M198	X	- .446	- .446	0 %100
196	M198	Z	- .257	- .257	0 %100
197	M201	X	- .446	- .446	0 %100
198	M201	Z	- .257	- .257	0 %100
199	M204	X	- .446	- .446	0 %100
200	M204	Z	- .257	- .257	0 %100
201	M209	X	- .135	- .135	0 %100



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 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, %]
202	M209	Z	-078	-078	0	%100
203	M214	X	-135	-135	0	%100
204	M214	Z	-078	-078	0	%100
205	M219	X	-539	-539	0	%100
206	M219	Z	-311	-311	0	%100
207	M226	X	-194	-194	0	%100
208	M226	Z	-112	-112	0	%100
209	M227	X	-194	-194	0	%100
210	M227	Z	-112	-112	0	%100
211	M228	X	-774	-774	0	%100
212	M228	Z	-447	-447	0	%100
213	M231	X	-018	-018	0	%100
214	M231	Z	-01	-01	0	%100
215	M233	X	-018	-018	0	%100
216	M233	Z	-01	-01	0	%100
217	M237	X	-07	-07	0	%100
218	M237	Z	-041	-041	0	%100
219	M242	X	-555	-555	0	%100
220	M242	Z	-32	-32	0	%100
221	M243	X	-573	-573	0	%100
222	M243	Z	-331	-331	0	%100
223	M244	X	-609	-609	0	%100
224	M244	Z	-351	-351	0	%100
225	M251A	X	-609	-609	0	%100
226	M251A	Z	-351	-351	0	%100
227	M253	X	-609	-609	0	%100
228	M253	Z	-351	-351	0	%100
229	M256	X	-781	-781	0	%100
230	M256	Z	-451	-451	0	%100
231	M257	X	-781	-781	0	%100
232	M257	Z	-451	-451	0	%100
233	M258	X	-622	-622	0	%100
234	M258	Z	-359	-359	0	%100
235	M259	X	-555	-555	0	%100
236	M259	Z	-32	-32	0	%100
237	M260	X	-573	-573	0	%100
238	M260	Z	-331	-331	0	%100
239	M261	X	-609	-609	0	%100
240	M261	Z	-351	-351	0	%100
241	M262	X	-342	-342	0	%100
242	M262	Z	-198	-198	0	%100
243	M263	X	-417	-417	0	%100
244	M263	Z	-241	-241	0	%100
245	M264	X	-609	-609	0	%100
246	M264	Z	-351	-351	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M1	X	-243	-243	0	%100
2	M1	Z	-42	-42	0	%100
3	M2	X	-202	-202	0	%100
4	M2	Z	-351	-351	0	%100
5	M3	X	-351	-351	0	%100
6	M3	Z	-609	-609	0	%100
7	M6	X	-108	-108	0	%100
8	M6	Z	-188	-188	0	%100



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 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, %]
9	M27	X	-.325	-.325	0	%100
10	M27	Z	-.563	-.563	0	%100
11	M33	X	-.325	-.325	0	%100
12	M33	Z	-.563	-.563	0	%100
13	M34	X	-.813	-.813	0	%100
14	M34	Z	-1.407	-1.407	0	%100
15	M35	X	-.813	-.813	0	%100
16	M35	Z	-1.407	-1.407	0	%100
17	MP1A	X	-.257	-.257	0	%100
18	MP1A	Z	-.446	-.446	0	%100
19	M147	X	-.11	-.11	0	%100
20	M147	Z	-.19	-.19	0	%100
21	M148	X	-.11	-.11	0	%100
22	M148	Z	-.19	-.19	0	%100
23	M103A	X	-.247	-.247	0	%100
24	M103A	Z	-.427	-.427	0	%100
25	M104A	X	-.327	-.327	0	%100
26	M104A	Z	-.566	-.566	0	%100
27	M101A	X	-.303	-.303	0	%100
28	M101A	Z	-.524	-.524	0	%100
29	M101B	X	-.327	-.327	0	%100
30	M101B	Z	-.566	-.566	0	%100
31	M102A	X	-.25	-.25	0	%100
32	M102A	Z	-.433	-.433	0	%100
33	M103B	X	-.327	-.327	0	%100
34	M103B	Z	-.566	-.566	0	%100
35	M104B	X	-.302	-.302	0	%100
36	M104B	Z	-.523	-.523	0	%100
37	M110B	X	-.311	-.311	0	%100
38	M110B	Z	-.539	-.539	0	%100
39	M109B	X	-.325	-.325	0	%100
40	M109B	Z	-.563	-.563	0	%100
41	M110C	X	-.325	-.325	0	%100
42	M110C	Z	-.563	-.563	0	%100
43	M108A	X	0	0	0	%100
44	M108A	Z	0	0	0	%100
45	M109A	X	0	0	0	%100
46	M109A	Z	0	0	0	%100
47	M112A	X	-.325	-.325	0	%100
48	M112A	Z	-.563	-.563	0	%100
49	M113A	X	-.325	-.325	0	%100
50	M113A	Z	-.563	-.563	0	%100
51	M116A	X	0	0	0	%100
52	M116A	Z	0	0	0	%100
53	M117B	X	-.813	-.813	0	%100
54	M117B	Z	-1.407	-1.407	0	%100
55	M118A	X	-.108	-.108	0	%100
56	M118A	Z	-.188	-.188	0	%100
57	M118C	X	-.108	-.108	0	%100
58	M118C	Z	-.188	-.188	0	%100
59	M122A	X	0	0	0	%100
60	M122A	Z	0	0	0	%100
61	M123A	X	0	0	0	%100
62	M123A	Z	0	0	0	%100
63	M124A	X	0	0	0	%100
64	M124A	Z	0	0	0	%100
65	M127A	X	-.813	-.813	0	%100



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 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, %]
66	M127A	Z	-1.407	-1.407	0 %100
67	M128A	X	-.325	-.325	0 %100
68	M128A	Z	-.563	-.563	0 %100
69	M129A	X	-.325	-.325	0 %100
70	M129A	Z	-.563	-.563	0 %100
71	M132A	X	-.971	-.971	0 %100
72	M132A	Z	-1.681	-1.681	0 %100
73	M133A	X	-.81	-.81	0 %100
74	M133A	Z	-1.402	-1.402	0 %100
75	M136B	X	-.433	-.433	0 %100
76	M136B	Z	-.751	-.751	0 %100
77	M140A	X	-.433	-.433	0 %100
78	M140A	Z	-.751	-.751	0 %100
79	M142A	X	-.433	-.433	0 %100
80	M142A	Z	-.751	-.751	0 %100
81	M144A	X	-.243	-.243	0 %100
82	M144A	Z	-.42	-.42	0 %100
83	M145B	X	-.202	-.202	0 %100
84	M145B	Z	-.351	-.351	0 %100
85	M148A	X	-.108	-.108	0 %100
86	M148A	Z	-.188	-.188	0 %100
87	M152	X	-.108	-.108	0 %100
88	M152	Z	-.188	-.188	0 %100
89	M154	X	-.108	-.108	0 %100
90	M154	Z	-.188	-.188	0 %100
91	M152A	X	-.311	-.311	0 %100
92	M152A	Z	-.539	-.539	0 %100
93	M153A	X	-.311	-.311	0 %100
94	M153A	Z	-.539	-.539	0 %100
95	M156	X	-.356	-.356	0 %100
96	M156	Z	-.617	-.617	0 %100
97	M160	X	-.439	-.439	0 %100
98	M160	Z	-.76	-.76	0 %100
99	M161	X	-.439	-.439	0 %100
100	M161	Z	-.76	-.76	0 %100
101	M164	X	0	0	0 %100
102	M164	Z	0	0	0 %100
103	M169	X	-.11	-.11	0 %100
104	M169	Z	-.19	-.19	0 %100
105	M170	X	-.11	-.11	0 %100
106	M170	Z	-.19	-.19	0 %100
107	M173	X	-.356	-.356	0 %100
108	M173	Z	-.617	-.617	0 %100
109	M173A	X	-.174	-.174	0 %100
110	M173A	Z	-.301	-.301	0 %100
111	M174	X	-.327	-.327	0 %100
112	M174	Z	-.566	-.566	0 %100
113	M175	X	-.127	-.127	0 %100
114	M175	Z	-.22	-.22	0 %100
115	M176	X	-.327	-.327	0 %100
116	M176	Z	-.566	-.566	0 %100
117	M177	X	-.188	-.188	0 %100
118	M177	Z	-.325	-.325	0 %100
119	M178	X	-.327	-.327	0 %100
120	M178	Z	-.566	-.566	0 %100
121	M179	X	-.124	-.124	0 %100
122	M179	Z	-.214	-.214	0 %100



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 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, %]
180	M176A	Z	-.364	-.364	0 %100
181	M181A	X	-.023	-.023	0 %100
182	M181A	Z	-.039	-.039	0 %100
183	M182A	X	-.023	-.023	0 %100
184	M182A	Z	-.039	-.039	0 %100
185	M187B	X	-.023	-.023	0 %100
186	M187B	Z	-.039	-.039	0 %100
187	M188	X	-.023	-.023	0 %100
188	M188	Z	-.039	-.039	0 %100
189	M187C	X	-.198	-.198	0 %100
190	M187C	Z	-.344	-.344	0 %100
191	M190	X	-.198	-.198	0 %100
192	M190	Z	-.344	-.344	0 %100
193	M193	X	-.198	-.198	0 %100
194	M193	Z	-.344	-.344	0 %100
195	M198	X	-.257	-.257	0 %100
196	M198	Z	-.446	-.446	0 %100
197	M201	X	-.257	-.257	0 %100
198	M201	Z	-.446	-.446	0 %100
199	M204	X	-.257	-.257	0 %100
200	M204	Z	-.446	-.446	0 %100
201	M209	X	-.234	-.234	0 %100
202	M209	Z	-.405	-.405	0 %100
203	M214	X	0	0	0 %100
204	M214	Z	0	0	0 %100
205	M219	X	-.234	-.234	0 %100
206	M219	Z	-.405	-.405	0 %100
207	M226	X	-.335	-.335	0 %100
208	M226	Z	-.581	-.581	0 %100
209	M227	X	0	0	0 %100
210	M227	Z	0	0	0 %100
211	M228	X	-.335	-.335	0 %100
212	M228	Z	-.581	-.581	0 %100
213	M231	X	-.03	-.03	0 %100
214	M231	Z	-.053	-.053	0 %100
215	M233	X	0	0	0 %100
216	M233	Z	0	0	0 %100
217	M237	X	-.03	-.03	0 %100
218	M237	Z	-.053	-.053	0 %100
219	M242	X	-.239	-.239	0 %100
220	M242	Z	-.413	-.413	0 %100
221	M243	X	-.271	-.271	0 %100
222	M243	Z	-.469	-.469	0 %100
223	M244	X	-.351	-.351	0 %100
224	M244	Z	-.609	-.609	0 %100
225	M251A	X	-.351	-.351	0 %100
226	M251A	Z	-.609	-.609	0 %100
227	M253	X	-.351	-.351	0 %100
228	M253	Z	-.609	-.609	0 %100
229	M256	X	-.39	-.39	0 %100
230	M256	Z	-.675	-.675	0 %100
231	M257	X	-.481	-.481	0 %100
232	M257	Z	-.834	-.834	0 %100
233	M258	X	-.39	-.39	0 %100
234	M258	Z	-.675	-.675	0 %100
235	M259	X	-.361	-.361	0 %100
236	M259	Z	-.625	-.625	0 %100

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, %]
5	M117B	Y	-20.671	-19.444	8.476	10.595
6	M117B	Y	-19.444	-14.354	10.595	12.714
7	M117B	Y	-14.354	-.911	12.714	14.833
8	M173	Y	-55.82	-29.28	0	.88
9	M173	Y	-29.28	-14.731	.88	1.761
10	M173	Y	-14.731	-14.751	1.761	2.641
11	M173	Y	-14.751	-29.361	2.641	3.522
12	M173	Y	-29.361	-55.983	3.522	4.402
13	M35	Y	-.911	-14.354	0	2.119
14	M35	Y	-14.354	-19.444	2.119	4.238
15	M35	Y	-19.444	-20.671	4.238	6.357
16	M35	Y	-20.671	-20.655	6.357	8.476
17	M35	Y	-20.655	-19.425	8.476	10.595
18	M35	Y	-19.425	-14.353	10.595	12.714
19	M35	Y	-14.353	-.911	12.714	14.833
20	M156	Y	-55.983	-29.361	0	.88
21	M156	Y	-29.361	-14.751	.88	1.761
22	M156	Y	-14.751	-14.731	1.761	2.641
23	M156	Y	-14.731	-29.28	2.641	3.522
24	M156	Y	-29.28	-55.82	3.522	4.402
25	M116A	Y	-.911	-14.354	0	2.119
26	M116A	Y	-14.354	-19.444	2.119	4.238
27	M116A	Y	-19.444	-20.671	4.238	6.357
28	M116A	Y	-20.671	-20.655	6.357	8.476
29	M116A	Y	-20.655	-19.425	8.476	10.595
30	M116A	Y	-19.425	-14.353	10.595	12.714
31	M116A	Y	-14.353	-.911	12.714	14.833
32	M164	Y	-55.983	-29.361	0	.88
33	M164	Y	-29.361	-14.751	.88	1.761
34	M164	Y	-14.751	-14.731	1.761	2.641
35	M164	Y	-14.731	-29.28	2.641	3.522
36	M164	Y	-29.28	-55.82	3.522	4.402

Member Distributed Loads (BLC 89 : BLC 84 Transient Area Loads)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M117B	Y	-.019	-.296	0	2.119
2	M117B	Y	-.296	-.401	2.119	4.238
3	M117B	Y	-.401	-.426	4.238	6.357
4	M117B	Y	-.426	-.427	6.357	8.476
5	M117B	Y	-.427	-.401	8.476	10.595
6	M117B	Y	-.401	-.296	10.595	12.714
7	M117B	Y	-.296	-.019	12.714	14.833
8	M173	Y	-1.152	-.604	0	.88
9	M173	Y	-.604	-.304	.88	1.761
10	M173	Y	-.304	-.304	1.761	2.641
11	M173	Y	-.304	-.606	2.641	3.522
12	M173	Y	-.606	-1.155	3.522	4.402
13	M35	Y	-.019	-.296	0	2.119
14	M35	Y	-.296	-.401	2.119	4.238
15	M35	Y	-.401	-.427	4.238	6.357
16	M35	Y	-.427	-.426	6.357	8.476
17	M35	Y	-.426	-.401	8.476	10.595
18	M35	Y	-.401	-.296	10.595	12.714
19	M35	Y	-.296	-.019	12.714	14.833
20	M156	Y	-1.155	-.606	0	.88
21	M156	Y	-.606	-.304	.88	1.761



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 Checked By: _____

Member Distributed Loads (BLC 89 : BLC 84 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
22	M156	Y	-.304	-.304	1.761	2.641
23	M156	Y	-.304	-.604	2.641	3.522
24	M156	Y	-.604	-1.152	3.522	4.402
25	M116A	Y	-.019	-.296	0	2.119
26	M116A	Y	-.296	-.401	2.119	4.238
27	M116A	Y	-.401	-.427	4.238	6.357
28	M116A	Y	-.427	-.426	6.357	8.476
29	M116A	Y	-.426	-.401	8.476	10.595
30	M116A	Y	-.401	-.296	10.595	12.714
31	M116A	Y	-.296	-.019	12.714	14.833
32	M164	Y	-1.155	-.606	0	.88
33	M164	Y	-.606	-.304	.88	1.761
34	M164	Y	-.304	-.304	1.761	2.641
35	M164	Y	-.304	-.604	2.641	3.522
36	M164	Y	-.604	-1.152	3.522	4.402

Member Distributed Loads (BLC 90 : BLC 85 Transient Area Loads)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M117B	Z	-.047	-.742	0	2.119
2	M117B	Z	-.742	-1.005	2.119	4.238
3	M117B	Z	-1.005	-1.068	4.238	6.357
4	M117B	Z	-1.068	-1.069	6.357	8.476
5	M117B	Z	-1.069	-1.006	8.476	10.595
6	M117B	Z	-1.006	-.743	10.595	12.714
7	M117B	Z	-.743	-.047	12.714	14.833
8	M173	Z	-2.887	-1.515	0	.88
9	M173	Z	-1.515	-.762	.88	1.761
10	M173	Z	-.762	-.763	1.761	2.641
11	M173	Z	-.763	-1.519	2.641	3.522
12	M173	Z	-1.519	-2.896	3.522	4.402
13	M35	Z	-.047	-.743	0	2.119
14	M35	Z	-.743	-1.006	2.119	4.238
15	M35	Z	-1.006	-1.069	4.238	6.357
16	M35	Z	-1.069	-1.068	6.357	8.476
17	M35	Z	-1.068	-1.005	8.476	10.595
18	M35	Z	-1.005	-.742	10.595	12.714
19	M35	Z	-.742	-.047	12.714	14.833
20	M156	Z	-2.896	-1.519	0	.88
21	M156	Z	-1.519	-.763	.88	1.761
22	M156	Z	-.763	-.762	1.761	2.641
23	M156	Z	-.762	-1.515	2.641	3.522
24	M156	Z	-1.515	-2.887	3.522	4.402
25	M116A	Z	-.047	-.743	0	2.119
26	M116A	Z	-.743	-1.006	2.119	4.238
27	M116A	Z	-1.006	-1.069	4.238	6.357
28	M116A	Z	-1.069	-1.068	6.357	8.476
29	M116A	Z	-1.068	-1.005	8.476	10.595
30	M116A	Z	-1.005	-.742	10.595	12.714
31	M116A	Z	-.742	-.047	12.714	14.833
32	M164	Z	-2.896	-1.519	0	.88
33	M164	Z	-1.519	-.763	.88	1.761
34	M164	Z	-.763	-.762	1.761	2.641
35	M164	Z	-.762	-1.515	2.641	3.522
36	M164	Z	-1.515	-2.887	3.522	4.402

Member Distributed Loads (BLC 91 : BLC 86 Transient Area Loads)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M117B	X	.047	.742	0	2.119
2	M117B	X	.742	1.005	2.119	4.238
3	M117B	X	1.005	1.068	4.238	6.357
4	M117B	X	1.068	1.069	6.357	8.476
5	M117B	X	1.069	1.006	8.476	10.595
6	M117B	X	1.006	.743	10.595	12.714
7	M117B	X	.743	.047	12.714	14.833
8	M173	X	2.887	1.515	0	.88
9	M173	X	1.515	.762	.88	1.761
10	M173	X	.762	.763	1.761	2.641
11	M173	X	.763	1.519	2.641	3.522
12	M173	X	1.519	2.896	3.522	4.402
13	M35	X	.047	.743	0	2.119
14	M35	X	.743	1.006	2.119	4.238
15	M35	X	1.006	1.069	4.238	6.357
16	M35	X	1.069	1.068	6.357	8.476
17	M35	X	1.068	1.005	8.476	10.595
18	M35	X	1.005	.742	10.595	12.714
19	M35	X	.742	.047	12.714	14.833
20	M156	X	2.896	1.519	0	.88
21	M156	X	1.519	.763	.88	1.761
22	M156	X	.763	.762	1.761	2.641
23	M156	X	.762	1.515	2.641	3.522
24	M156	X	1.515	2.887	3.522	4.402
25	M116A	X	.047	.743	0	2.119
26	M116A	X	.743	1.006	2.119	4.238
27	M116A	X	1.006	1.069	4.238	6.357
28	M116A	X	1.069	1.068	6.357	8.476
29	M116A	X	1.068	1.005	8.476	10.595
30	M116A	X	1.005	.742	10.595	12.714
31	M116A	X	.742	.047	12.714	14.833
32	M164	X	2.896	1.519	0	.88
33	M164	X	1.519	.763	.88	1.761
34	M164	X	.763	.762	1.761	2.641
35	M164	X	.762	1.515	2.641	3.522
36	M164	X	1.515	2.887	3.522	4.402

Member Area Loads (BLC 39 : Structure D)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N220B	N232A	N178A	N180A	Y	A-B	-.009
2	N220B	N221B	N54	N46	Y	A-B	-.009
3	N221B	N232A	N173A	N171C	Y	A-B	-.009

Member Area Loads (BLC 40 : Structure Di)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N220B	N232A	N178A	N180A	Y	A-B	-.011
2	N220B	N221B	N54	N46	Y	A-B	-.011
3	N221B	N232A	N173A	N171C	Y	A-B	-.011

Member Area Loads (BLC 84 : Structure Ev)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N220B	N232A	N178A	N180A	Y	Two Way	-.000227
2	N220B	N221B	N54	N46	Y	Two Way	-.000227
3	N221B	N232A	N173A	N171C	Y	Two Way	-.000227



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
 Checked By: _____

Member Area Loads (BLC 85 : Structure Eh (0 Deg))

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N220B	N232A	N178A	N180A	Z	Two Way	-.000569
2	N220B	N221B	N54	N46	Z	Two Way	-.000569
3	N221B	N232A	N173A	N171C	Z	Two Way	-.000569

Member Area Loads (BLC 86 : Structure Eh (90 Deg))

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N220B	N232A	N178A	N180A	X	Two Way	.000569
2	N220B	N221B	N54	N46	X	Two Way	.000569
3	N221B	N232A	N173A	N171C	X	Two Way	.000569

Envelope Joint Reactions

Joint	X [lb]	LC	Y [lb]	LC	Z [lb]	LC	MX [k-ft]	LC	MY [k-ft]	LC	MZ [k-ft]	LC		
1	N218D	max	10655.188	10	6496.623	10	8516.899	1	0	75	0	75	0	75
2		min	-10574.407	4	-7946.682	4	-9100.743	7	0	1	0	1	0	1
3	N220	max	4869.4	6	8030.188	12	8446.534	6	0	75	0	75	0	75
4		min	-4802.466	12	-5765.168	6	-8334.558	12	0	1	0	1	0	1
5	N221	max	9015.314	8	6505.651	6	10107.018	4	0	75	0	75	0	75
6		min	-9527.332	2	-7819.83	12	-9778.721	10	0	1	0	1	0	1
7	N223	max	4838.921	2	8069.089	8	8298.552	8	0	75	0	75	0	75
8		min	-4794.878	8	-5781.967	2	-8375.841	2	0	1	0	1	0	1
9	N224	max	10914.629	12	6438.158	2	9343.245	2	0	75	0	75	0	75
10		min	-10340.332	6	-7889.639	8	-9046.004	8	0	1	0	1	0	1
11	N9	max	9591.607	4	8144.479	4	47.832	1	0	75	0	75	0	75
12		min	-9699.308	10	-5806.67	10	-33.483	7	0	1	0	1	0	1
13	N391	max	1701.853	3	6193.563	9	2012.851	9	.002	6	.004	12	.001	12
14		min	-3471.039	9	-3026.737	3	-978.026	3	-.002	12	-.003	6	0	6
15	N395	max	3852.911	5	6853.737	5	2214.313	5	.002	8	.004	8	.001	8
16		min	-2021.497	11	-3600.001	11	-1172.192	11	-.002	2	-.004	2	-.001	2
17	N387A	max	50.353	12	6778.035	1	2276.82	7	0	75	.004	4	.002	10
18		min	-49.861	2	-3508.065	7	-4394.362	1	0	1	-.003	10	-.002	4
19	Totals:	max	8752.334	10	13183.887	13	8953.826	1						
20		min	-8752.29	4	4496.044	69	-8953.786	7						

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

Member	Shape	Code Ch...	Loc[ft]	LC	Shear ...	Loc[ft]	Dir	LC	phi*Pnc [l...	phi*Pnt [lb]	phi*Mn y...	phi*Mn z...	Cb	Eqn
1	M133A	L5X3.5X4	.973	7.425	6	.629	7.507	z	6	29592.726	67068	2.629	6.062	2... H2-1
2	M145B	L5X3.5X4	.971	4.569	5	.581	7.507	z	2	29592.726	67068	2.135	6.062	2... H2-1
3	M2	L5X3.5X4	.969	7.425	10	.621	7.507	z	10	29592.726	67068	2.629	6.062	2.1 H2-1
4	M243	L2x2x3	.811	2.336	24	.013	4.771	z	5	7530.248	23392.8	.558	1.038	1... H2-1
5	M263	L2x2x3	.809	2.336	16	.014	0	y	6	7530.248	23392.8	.558	1.038	1... H2-1
6	M260	L2x2x3	.799	2.336	20	.013	4.771	y	10	7530.248	23392.8	.558	1.038	1... H2-1
7	M262	L2x2x3	.747	2.797	5	.027	0	y	10	6183.098	23392.8	.558	1.01	1... H2-1
8	M242	L2x2x3	.726	2.797	1	.031	5.265	y	6	6183.098	23392.8	.558	1.01	1... H2-1
9	M144A	LL2.5x2.5x3x3	.673	1.021	18	.238	7.576	z	11	24886.212	58320	3.954	2.078	2... H1-1b
10	M1	LL2.5x2.5x3x3	.665	1.021	24	.235	7.576	z	7	24886.212	58320	3.954	2.078	2... H1-1b
11	M259	L2x2x3	.658	2.797	9	.021	5.265	z	10	6183.098	23392.8	.558	1.01	1... H2-1
12	M132A	LL2.5x2.5x3x3	.655	1.021	22	.222	7.576	z	3	24886.212	58320	3.954	2.078	2... H1-1b
13	M231	PL3/8x6	.586	0	12	.358	.502	y	12	37963.034	72900	.57	9.113	2... H1-1b
14	M154B	SR 0.5	.582	0	18	.130	0		21	5095.684	6350.4	.052	.052	1... H1-1b
15	M153B	SR 0.5	.579	0	18	.131	0		18	5095.684	6350.4	.052	.052	1... H1-1b
16	M182A	SR 0.5	.578	0	22	.130	0		24	5095.684	6350.4	.052	.052	1... H1-1b
17	M168A	SR 0.5	.576	0	14	.130	0		17	5095.684	6350.4	.052	.052	1... H1-1b
18	M181A	SR 0.5	.575	0	22	.131	0		22	5095.684	6350.4	.052	.052	1... H1-1b

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

Member	Shape	Code Ch...	Loc[ft]	LC	Shear ...	Loc[ft]	Dir	LC	phi*Pnc [l...	phi*Pnt [lb]	phi*Mn y...	phi*Mn z...	Cb	Eqn
19	M167A	SR 0.5	.574	0	17	.130	0	14	5095.684	6350.4	.052	.052	1...	H1-1b
20	M237	PL3/8x6	.559	1.004	6	.359	.502	y 4	37963.034	72900	.57	9.113	1...	H1-1b
21	M233	PL3/8x6	.554	.502	20	.329	.502	y 8	37963.034	72900	.57	9.113	1...	H1-1b
22	M3	L2x2x3	.516	3.896	7	.022	3.896	y 4	10936.143	23392.8	.558	1.239	2...	H2-1
23	M173B	SR 0.5	.510	0	20	.115	0	21	5095.684	6350.4	.052	.052	1...	H1-1b
24	M174A	SR 0.5	.510	0	20	.115	0	20	5095.684	6350.4	.052	.052	1...	H1-1b
25	M187B	SR 0.5	.509	0	16	.115	0	17	5095.684	6350.4	.052	.052	1...	H1-1b
26	M188	SR 0.5	.509	0	16	.115	0	16	5095.684	6350.4	.052	.052	1...	H1-1b
27	M160A	SR 0.5	.507	0	24	.115	0	24	5095.684	6350.4	.052	.052	1...	H1-1b
28	M159A	SR 0.5	.507	0	13	.115	0	13	5095.684	6350.4	.052	.052	1...	H1-1b
29	M253	L2x2x3	.501	3.896	11	.031	3.896	z 8	10936.143	23392.8	.558	1.239	2...	H2-1
30	M251A	L2x2x3	.494	3.896	3	.022	3.896	z 8	10936.143	23392.8	.558	1.227	2...	H2-1
31	M142A	PL3/8x4	.468	.5	8	.122	0	y 21	41342.816	48600	.38	4.05	1...	H1-1b
32	M154	PL3/8x4	.466	.5	6	.134	0	y 16	41342.816	48600	.38	4.05	1...	H1-1b
33	M33	PL3/8x4	.454	0	6	.331	0	y 17	39734.219	48600	.38	4.05	1...	H1-1b
34	M118C	PL3/8x4	.437	.5	12	.121	0	y 24	41342.816	48600	.38	4.05	1...	H1-1b
35	M153A	PIPE 2.5	.435	2.056	17	.360	2.056	6	37152.16	50715	3.596	3.596	3...	H1-1b
36	M124A	PL3/8x4	.429	0	22	.260	0	y 8	39734.219	48600	.38	4.05	2...	H1-1b
37	M152A	PIPE 2.5	.427	2.056	21	.352	2.056	20	37152.16	50715	3.596	3.596	3...	H1-1b
38	M27	PL3/8x4	.420	0	1	.249	0	y 10	39734.219	48600	.38	4.05	1...	H1-1b
39	M110B	PIPE 2.5	.417	2.056	13	.403	2.056	12	37152.16	50715	3.596	3.596	2...	H1-1b
40	M110C	PL3/8x4	.395	0	14	.322	0	y 13	39734.219	48600	.38	4.05	1...	H1-1b
41	M129A	PL3/8x4	.390	0	18	.268	0	y 4	39734.219	48600	.38	4.05	2...	H1-1b
42	M128A	PL3/8x4	.371	0	16	.246	0	y 5	39734.219	48600	.38	4.05	2...	H1-1b
43	M108A	PL3/8x4	.340	.558	9	.215	0	y 5	39734.219	48600	.38	4.05	1...	H1-1b
44	M109B	PL3/8x4	.334	0	24	.265	0	y 1	39734.219	48600	.38	4.05	1...	H1-1b
45	M6	PL3/8x4	.332	.5	8	.050	0	y 6	41342.816	48600	.38	4.05	1...	H1-1b
46	M148A	PL3/8x4	.332	.5	12	.048	.5	y 4	41342.816	48600	.38	4.05	1...	H1-1b
47	M136B	PL3/8x4	.330	.5	2	.041	.5	y 8	41342.816	48600	.38	4.05	1...	H1-1b
48	M123A	PL3/8x4	.330	0	20	.237	0	y 9	39734.219	48600	.38	4.05	2...	H1-1b
49	M112A	PL3/8x4	.315	.558	5	.203	0	y 1	39734.219	48600	.38	4.05	1...	H1-1b
50	M113A	PL3/8x4	.294	.558	5	.269	0	y 22	39734.219	48600	.38	4.05	1...	H1-1b
51	M109A	PL3/8x4	.290	.558	9	.265	0	y 14	39734.219	48600	.38	4.05	1...	H1-1b
52	M156	L3X3X4	.283	.963	12	.533	0	z 12	30371.382	46656	1.688	3.686	1...	H2-1
53	M164	L3X3X4	.274	.963	8	.500	0	z 8	30371.382	46656	1.688	3.682	1...	H2-1
54	M173	L3X3X4	.272	.963	4	.511	0	z 4	30371.382	46656	1.688	3.683	1...	H2-1
55	M104B	L2x1.5x3	.176	2.423	6	.022	4.748	z 7	4480.595	20123.446	.346	.765	1...	H2-1
56	M258	LL3x3x3x3	.170	3.583	5	.020	3.583	z 8	48063.396	70632	5.543	3.751	1	H1-1b*
57	M256	LL3x3x3x3	.168	3.583	1	.017	0	z 4	48063.396	70632	5.543	3.751	1	H1-1b*
58	M34	L6X6X6	.165	14.37	24	.148	.464	z 8	44225.023	141912	10.965	21.912	2...	H2-1
59	M201	PIPE 2.0	.162	3.611	12	.015	3.611	12	22601.248	32130	1.872	1.872	2...	H1-1b
60	M198	PIPE 2.0	.162	3.611	6	.015	3.611	6	22601.248	32130	1.872	1.872	2...	H1-1b
61	M204	PIPE 2.0	.162	3.611	6	.015	3.611	6	22601.248	32130	1.872	1.872	2...	H1-1b
62	M127A	L6X6X6	.156	14.37	16	.156	.464	z 24	44225.023	141912	10.965	21.7	2.8	H2-1
63	M226	L3X3X4	.154	3.628	10	.009	0	y 10	34858.79	46656	1.688	3.756	2...	H2-1
64	M257	LL3x3x3x3	.154	3.583	9	.016	3.583	z 12	48063.396	70632	5.543	3.751	1	H1-1b*
65	M122A	L6X6X6	.153	6.026	9	.158	.464	z 16	44225.023	141912	10.965	17.113	1...	H2-1
66	MP2A	PIPE 2.0	.151	.563	5	.082	.563	10	20866.733	32130	1.872	1.872	2...	H1-1b
67	M227	L3X3X4	.151	3.628	6	.009	.151	y 6	34858.79	46656	1.688	3.756	2...	H2-1
68	MP2B	PIPE 2.0	.145	.563	9	.081	.563	4	20866.733	32130	1.872	1.872	1...	H1-1b
69	MP2C	PIPE 2.0	.145	.563	1	.077	.563	7	20866.733	32130	1.872	1.872	2...	H1-1b
70	MP1A	PIPE 2.0	.145	.813	5	.049	2.563	3	20866.733	32130	1.872	1.872	2...	H1-1b
71	MP3C	PIPE 2.0	.144	.563	5	.061	1.938	12	20866.733	32130	1.872	1.872	2...	H1-1b
72	MP3A	PIPE 2.0	.142	.563	9	.071	1.938	4	20866.733	32130	1.872	1.872	2...	H1-1b
73	MP1B	PIPE 2.0	.141	.813	9	.045	1.438	7	20866.733	32130	1.872	1.872	1...	H1-1b
74	MP3B	PIPE 2.0	.141	.563	1	.065	1.938	8	20866.733	32130	1.872	1.872	3...	H1-1b
75	M228	L3X3X4	.141	3.628	2	.008	3.628	y 3	34858.79	46656	1.688	3.756	2...	H2-1



Company :
 Designer :
 Job Number :
 Model Name :

Dec 11, 2023
 9:12 AM
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Envelope AISC 15th(360-16): LRFD Steel Code Checks (Continued)

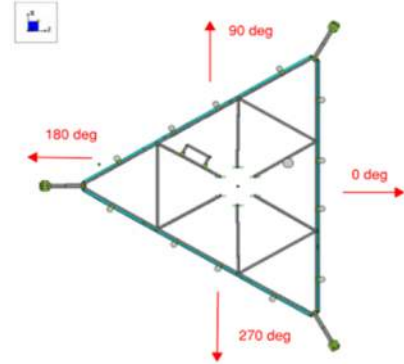
Member	Shape	Code Ch...	Loc(ft)	LC	Shear ...	Loc(ft)	Dir	LC	phi*Pnc [l...	phi*Pnt [lb]	phi*Mn y-...	phi*Mn z-...	Cb	Eqn	
76	M186	L2x1.5x3	.139	2.374	5	.019	0	z	11	4480.595	20123.446	.346	.722	1...	H2-1
77	MP1C	PIPE 2.0	.138	.813	1	.041	1.438		10	20866.733	32130	1.872	1.872	2...	H1-1b
78	M179	L2x1.5x3	.136	2.374	9	.020	4.748	z	3	4480.595	20123.446	.346	.722	1...	H2-1
79	M180	L2x1.5x3	.129	2.313	6	.019	4.627	y	11	4718.993	20123.446	.346	.771	1...	H2-1
80	M101A	L2x1.5x3	.128	2.295	12	.032	4.687	z	1	4598.156	20123.446	.346	.725	1...	H2-1
81	MP4C	PIPE 2.0	.126	.813	5	.057	2.5		8	20866.733	32130	1.872	1.872	1...	H1-1b
82	MP4B	PIPE 2.0	.125	.813	1	.060	2.5		4	20866.733	32130	1.872	1.872	2...	H1-1b
83	MP4A	PIPE 2.0	.124	.813	9	.063	2.563		11	20866.733	32130	1.872	1.872	2...	H1-1b
84	M103A	L2x1.5x3	.123	2.313	2	.023	4.627	z	19	4718.993	20123.446	.346	.771	1...	H2-1
85	M173A	L2x1.5x3	.123	2.313	10	.018	0	y	3	4718.993	20123.446	.346	.771	1...	H2-1
86	M175	L2x1.5x3	.122	2.295	8	.029	4.687	z	9	4598.156	20123.446	.346	.725	1...	H2-1
87	M117B	L6X6X6	.122	11.589	10	.129	6.181	y	8	44225.023	141912	10.965	18.322	1...	H2-1
88	M116A	L6X6X6	.121	11.589	2	.125	6.181	y	12	44225.023	141912	10.965	18.326	1...	H2-1
89	M182	L2x1.5x3	.120	2.343	5	.030	0	z	5	4598.156	20123.446	.346	.725	1...	H2-1
90	M35	L6X6X6	.109	11.589	6	.123	6.181	y	4	44225.023	141912	10.965	18.778	1...	H2-1
91	M102A	L2x1.5x3	.105	2.225	12	.027	0	y	1	5101.312	20123.446	.346	.779	1...	H2-1
92	M177	L2x1.5x3	.103	2.225	8	.025	0	y	9	5101.312	20123.446	.346	.779	1...	H2-1
93	M184	L2x1.5x3	.101	2.225	4	.025	4.45	y	5	5101.312	20123.446	.346	.779	1...	H2-1
94	M209	PIPE 2.5	.098	3.135	5	.041	14.035		17	11072.634	50715	3.596	3.596	3...	H1-1b
95	M219	PIPE 2.5	.096	3.135	9	.041	14.035		21	11072.634	50715	3.596	3.596	3...	H1-1b
96	M214	PIPE 2.5	.092	11.198	5	.041	14.035		13	11072.634	50715	3.596	3.596	2...	H1-1b
97	M264	L2x2x3	.085	1.948	5	.021	3.896	y	10	10936.143	23392.8	.558	1.09	1...	H2-1
98	M244	L2x2x3	.084	1.948	1	.024	0	z	10	10936.143	23392.8	.558	1.09	1...	H2-1
99	M261	L2x2x3	.082	1.948	9	.027	0	z	6	10936.143	23392.8	.558	1.09	1...	H2-1
100	M185	L2x2x3	.069	1.604	2	.005	0	z	6	13967.803	23392.8	.558	1.136	1...	H2-1
101	M174	L2x2x3	.065	1.604	12	.005	0	z	8	13967.803	23392.8	.558	1.136	1...	H2-1
102	M103B	L2x2x3	.063	1.604	10	.006	0	z	1	13967.803	23392.8	.558	1.136	1...	H2-1
103	M104A	L2x2x3	.062	1.604	5	.006	0	z	12	13967.803	23392.8	.558	1.136	1...	H2-1
104	M181	L2x2x3	.060	1.604	7	.006	0	y	4	13967.803	23392.8	.558	1.136	1...	H2-1
105	M178	L2x2x3	.060	1.604	6	.006	0	y	10	13967.803	23392.8	.558	1.136	1...	H2-1
106	M101B	L2x2x3	.053	1.604	1	.005	0	y	6	13967.803	23392.8	.558	1.136	1...	H2-1
107	M183	L2x2x3	.052	1.604	5	.005	0	z	10	13967.803	23392.8	.558	1.136	1...	H2-1
108	M176	L2x2x3	.047	1.604	10	.006	0	z	10	13967.803	23392.8	.558	1.136	1...	H2-1
109	M170	L3X3X4	.024	1.698	8	.009	3.396	z	7	36138.45	46656	1.688	3.585	1...	H2-1
110	M161	L3X3X4	.024	1.698	12	.009	0	z	11	36138.45	46656	1.688	3.585	1...	H2-1
111	M169	L3X3X4	.024	1.698	8	.009	0	z	4	36138.45	46656	1.688	3.585	1...	H2-1
112	M160	L3X3X4	.023	1.698	12	.009	0	y	7	36138.45	46656	1.688	3.585	1...	H2-1
113	M148	L3X3X4	.023	1.698	4	.009	3.396	y	2	36138.45	46656	1.688	3.585	1...	H2-1
114	M147	L3X3X4	.023	1.698	4	.010	3.396	y	11	36138.45	46656	1.688	3.585	1...	H2-1
115	M187C	PIPE 2.0	.006	1.224	4	.021	1.979		1	29810.292	32130	1.872	1.872	1...	H1-1b
116	M190	PIPE 2.0	.006	.521	24	.017	1.979		8	29810.292	32130	1.872	1.872	1...	H1-1b
117	M193	PIPE 2.0	.006	.521	20	.017	1.979		4	29810.292	32130	1.872	1.872	1...	H1-1b
118	M140A	PL3/8x4	.005	.5	12	.000	.5	y	24	41342.816	48600	.38	4.05	2...	H1-1b
119	M152	PL3/8x4	.005	.5	8	.000	.5	y	24	41342.816	48600	.38	4.05	2...	H1-1b
120	M118A	PL3/8x4	.005	.5	10	.000	.5	y	22	41342.816	48600	.38	4.05	2...	H1-1b
121	M148B	PIPE 2.0	.004	1.375	6	.015	1.375		9	28843.414	32130	1.872	1.872	3...	H1-1b
122	M176A	PIPE 2.0	.004	1.375	11	.015	1.375		1	28843.414	32130	1.872	1.872	3...	H1-1b
123	M162A	PIPE 2.0	.004	1.375	2	.015	1.375		5	28843.414	32130	1.872	1.872	3...	H1-1b

I. Mount-to-Tower Connection Check

Custom Orientation Required

Yes

Nodes (labeled per Risa)	Orientation (per graphic of typical platform)
N218D	180
N9	180
N223	60
N224	60
N220	300
N221	300



Tower Connection Bolt Checks

Yes

Bolt Orientation

Perpendicular

Bolt Quantity per Reaction:

1

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

1

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

2.5

Bolt Type:

A325N

Bolt Diameter (in):

0.625

Required Tensile Strength / bolt (kips):

6.2

Required Shear Strength / bolt (kips):

10.4

Tensile Capacity / bolt (kips):

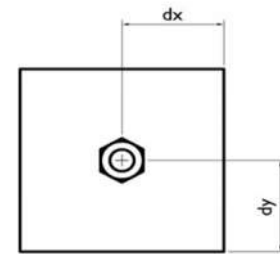
20.7

Shear Capacity / bolt (kips):

12.4

Bolt Overall Utilization:

83.6%



NO MOMENT RESISTANCE

Tower Connection Baseplate Checks

No



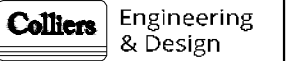
MOUNT MODIFICATION DRAWINGS
EXISTING 14.83' PLATFORM

TOWER OWNER: CROWN CASTLE
TOWER OWNER SITE NUMBER: 806366

CARRIER SITE NAME: MARLBOROUGH CT
MDG NUMBER: 5000381595
FUZE ID: 16271973

43 N MAIN ST
MARLBOROUGH, CT 06447
HARTFORD COUNTY

LATITUDE: 41.629792° N
LONGITUDE: 72.466397° W



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SCALE: AS SHOWN JOB NUMBER: 21777121

REV	DATE	DESCRIPTION	DRAWN BY	CHECKED BY
1	12/12/2023	ISSUED FOR CONSTRUCTION	CDH	DX
0	09/27/2021	ISSUED FOR CONSTRUCTION	CDH	DH



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SITE NAME:
MARLBOROUGH CT
5000381595
43 N MAIN ST
MARLBOROUGH, CT 06447
HARTFORD CT

STAMFORD
1055 Washington Boulevard
Stamford, CT 06901
Phone: 203.324.0800
COLLIERS ENGINEERING & DESIGN, P.C.
DOING BUSINESS AS MASER CONSULTING

TITLE SHEET

ST-1

DESIGN CRITERIA
WIND LOADS BASIC WIND SPEED (3 SECOND GUST), V = 125 MPH EXPOSURE CATEGORY B TOPOGRAPHIC CATEGORY I MEAN BASE ELEVATION (AMSL) = 577.07
ICE LOADS ICE WIND SPEED (3 SECOND GUST), V = 50 MPH ICE THICKNESS = 1.00 IN
SEISMIC LOADS SEISMIC DESIGN CATEGORY B SHORT TERM MCER GROUND MOTION, S _s = .205 LONG TERM MCER GROUND MOTION, S _l = .056

PROJECT INFORMATION
APPLICANT/LESSEE COMPANY: VERIZON WIRELESS
CLIENT REPRESENTATIVE COMPANY: VERIZON WIRELESS
PROJECT MANAGER 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 #: 10215182
MDG #: 5000381595
ANALYSIS DATE: 12/12/2023
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 MODIFICATION DETAILS
SS-3 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.)
3	VZWSMART	VZWSMART-PLK3	SUPPORT RAIL CORNER BRACKET		30	90
1		VZWSMART-PLK5	KICKER KIT	CONTRACTOR TO VERIFY THE LENGTH REQUIRED AND TRIM AS NECESSARY IN ACCORDANCE WITH THE 'STRUCTURAL STEEL' NOTES ON SHEET SGN-1.	291	291
12		VZWSMART-MSK1	CROSSOVER PLATE		14	168

SECTION 2 - OTHER REQUIRED PARTS

QUANTITY	MANUFACTURER	PART NUMBER	DESCRIPTION	NOTES	UNIT WEIGHT (LBS.)	WEIGHT (LBS.)
3	-	-	172" LONG, P2 1/2 STD	GALVANIZED	79	237
3	-	-	60" LONG, L3x3x1/4	GALVANIZED; CONTRACTOR TO VERIFY THE LENGTH REQUIRED AND TRIM AS NECESSARY IN ACCORDANCE WITH THE 'STRUCTURAL STEEL' NOTES ON SHEET SGN-1.	18	54
3	-	-	108" LONG, L2 1/2x2 1/2x3/16	GALVANIZED; CONTRACTOR TO VERIFY THE LENGTH REQUIRED AND TRIM AS NECESSARY IN ACCORDANCE WITH THE 'STRUCTURAL STEEL' NOTES ON SHEET SGN-1.	25	75
9	-	-	72" LONG, L2x2x3/16	GALVANIZED; CONTRACTOR TO VERIFY THE LENGTH REQUIRED AND TRIM AS NECESSARY IN ACCORDANCE WITH THE 'STRUCTURAL STEEL' NOTES ON SHEET SGN-1.	13	117
3	-	-	3/8" THICK CORNER PLATE	GALVANIZED; CONTRACTOR TO VERIFY THE LENGTH REQUIRED AND TRIM AS NECESSARY IN ACCORDANCE WITH THE 'STRUCTURAL STEEL' NOTES ON SHEET SGN-1.	10	30
3	-	-	6" LONG HSS 5X3X1/4	GALVANIZED	10	30
1	SITE PRO 1	RM-ADK	LARGE DIAMETER ADAPTER ASSEMBLY	OR EOR APPROVED EQUAL, CONTACT MASER CONSULTING FOR APPROVAL OF SUBSTITUTION.	106	106
1	SITE PRO 1	LWRM	RING MOUNT ASSEMBLY	OR EOR APPROVED EQUAL, CONTACT MASER CONSULTING FOR APPROVAL OF SUBSTITUTION	264	264
-	-	-	1/2" DIA. A325N BOLTS	GALVANIZED	-	-
3	-	-	10" LONG, L4X3X1/4 CLIP ANGLE	GALVANIZED	5	15
9	-	-	1/4" THICK GUSSET PLATE	GALVANIZED	2	18
TOTAL:						1495

NOTES:

- 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.
- ALL MATERIALS REQUIRED FOR THE DESIGNED MODIFICATIONS BUT NOT LISTED IN THIS SHEET ARE ASSUMED TO BE PROVIDED BY THE CONTRACTOR.

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	WIRELESSSALES@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



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REV	DATE	DESCRIPTION	DRAWN BY / CHECKED BY
1	12/12/2023	ISSUED FOR CONSTRUCTION	CDH / DK
0	09/27/2021	ISSUED FOR CONSTRUCTION	CDH / DH

DEJIAN XU
No. 33733
PROFESSIONAL ENGINEER

12/13/2023

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HARTFORD CT

STAMFORD
1055 Washington Boulevard
Stamford, CT 06901
Phone: 203.324.0800
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DOING BUSINESS AS MASER CONSULTING

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 SHUT DOWN 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.

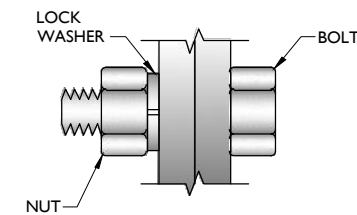
- ALL PROPOSED AND/OR REPLACED BOLTS SHALL BE OF SUFFICIENT LENGTH SUCH THAT THE END OF THE BOLT IS AT LEAST FLUSH WITH THE FACE OF THE NUT. IT IS NOT PERMITTED FOR THE BOLT END TO BE BELOW THE FACE OF THE NUT AFTER TIGHTENING IS COMPLETED.
- GALVANIZED ASTM A325 BOLTS SHALL NOT BE REUSED.
- ALL EXISTING 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/ASSP 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

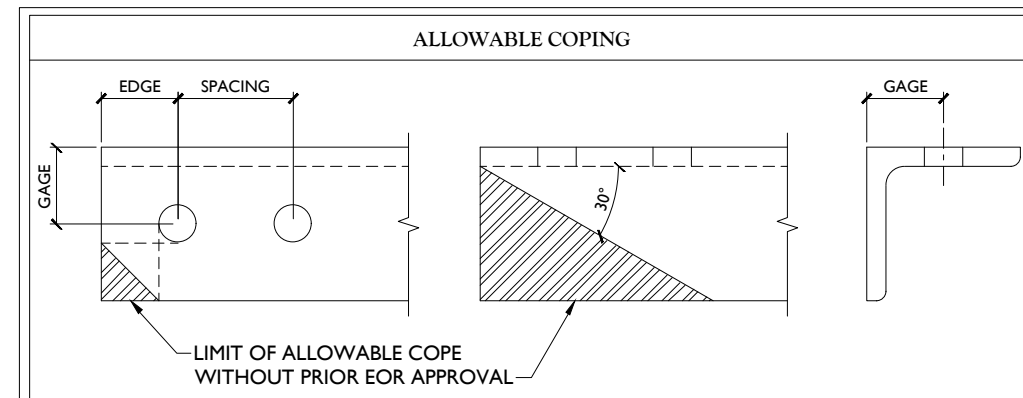
WORKABLE GAGES (IN.)	
LEG	GAGE
4	2 1/2
3 1/2	2
3	1 3/4
2 1/2	1 3/8
2	1 1/8



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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1	12/12/2023	ISSUED FOR CONSTRUCTION	CDH DX
0	09/27/2021	ISSUED FOR CONSTRUCTION	CDH DH
REV	DATE	DESCRIPTION	DRAWN BY CHECKED BY



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5000381595
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HARTFORD CT

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STAMFORD
1055 Washington Boulevard
Stamford, CT 06901
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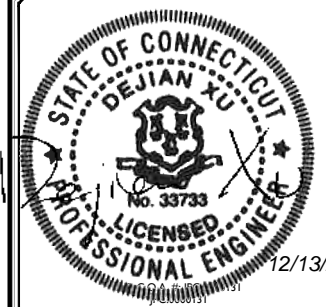
SHEET TITLE:
MODIFICATION NOTES

SHEET NUMBER:
SGN-I



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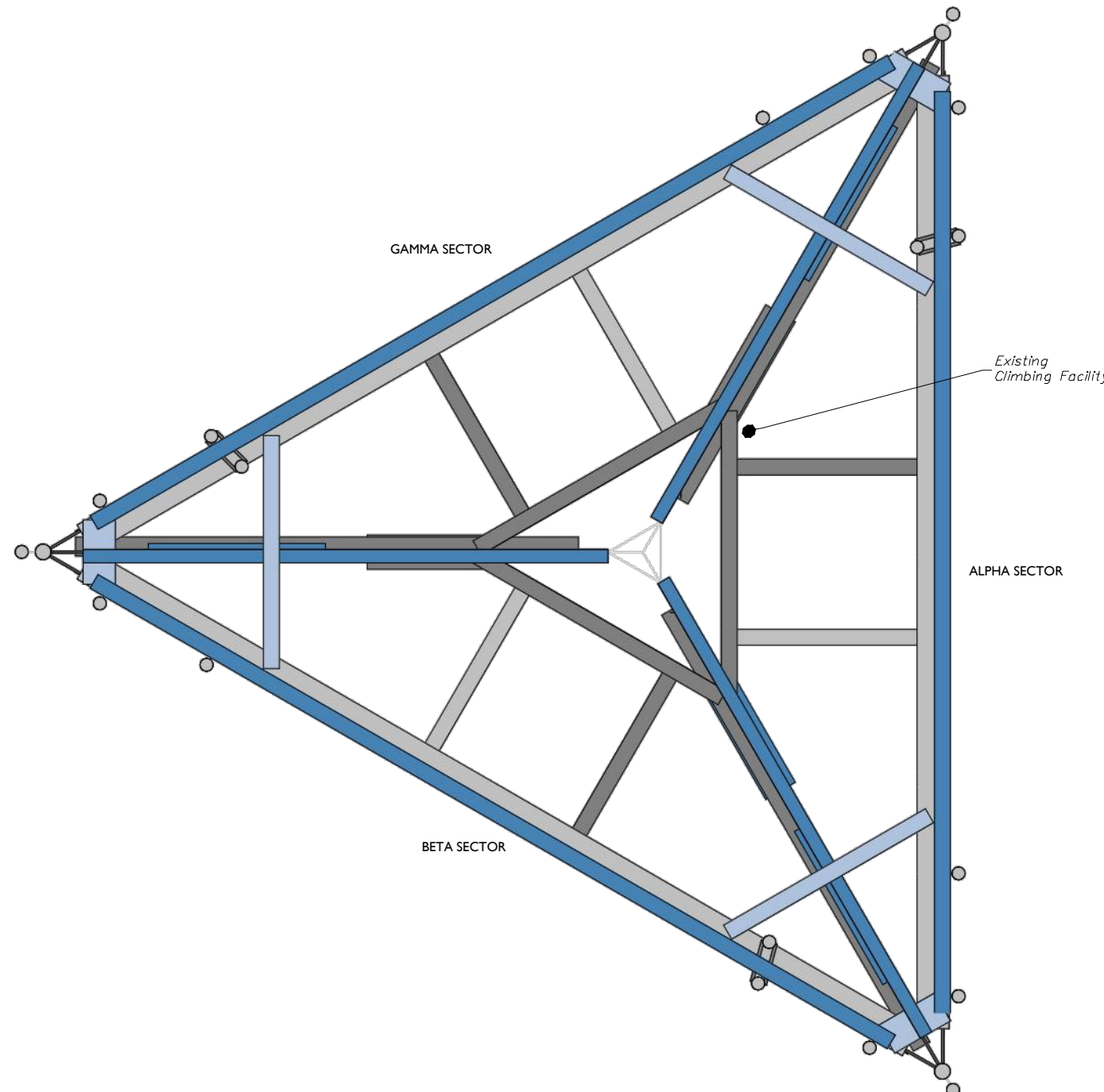
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SHEET TITLE:
CLIMBING FACILITY DETAIL

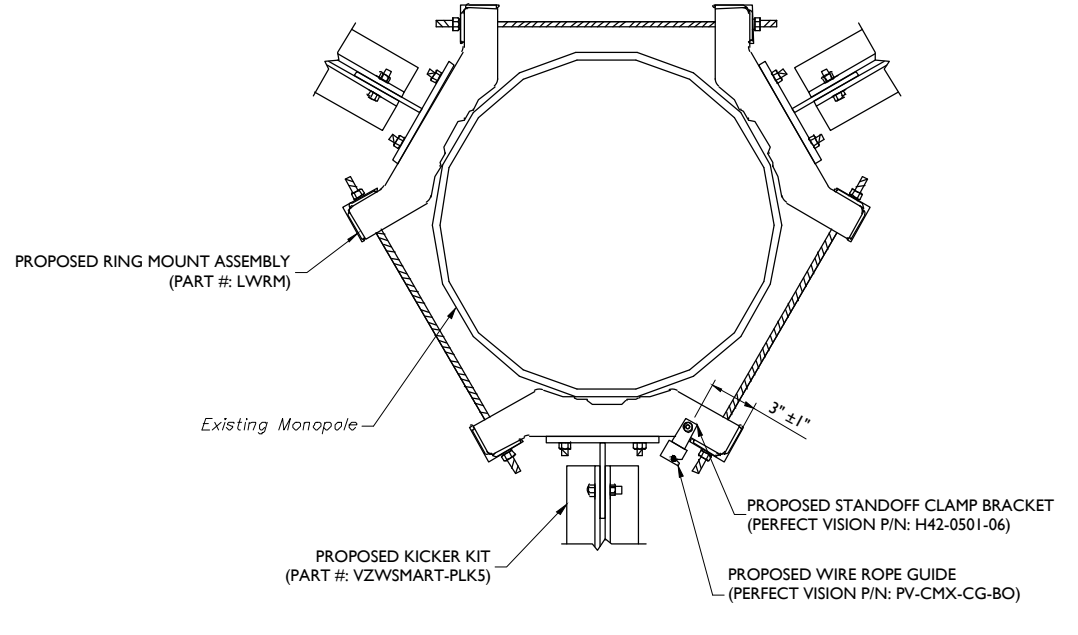
SHEET NUMBER:
SCF-1



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

STRUCTURAL NOTES:

- PER THE MOUNT MAPPING COMPLETED BY HUDSON DESIGN GROUP, LLC ON 3/25/2021, THE SAFETY CLIMB AND CLIMBING FACILITIES UP TO THE VERIZON MOUNT ELEVATION (156'-6") ARE IN GOOD CONDITION. MASER DOES NOT WARRANT THIS INFORMATION.
- 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.



2 CABLE GUIDE COLLAR ATTACHMENT - PLAN VIEW
 SCALE : N.T.S.



CLIMBING FACILITY PHOTO

LEGEND:

- PROPOSED
- RELOCATED
- EXISTING

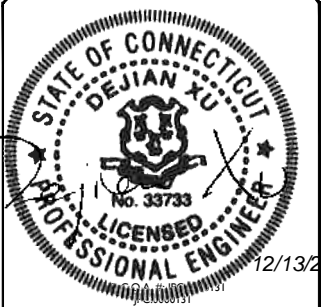
MOUNT MODIFICATION SCHEDULE

NO.	ELEVATION	QUANTITY	DESCRIPTION	NOTES
1		1	PROPOSED KICKER KIT (PART #: VZWSMART-PLK5)	CONTRACTOR TO VERIFY THE LENGTH REQUIRED AND TRIM AS NECESSARY IN ACCORDANCE WITH THE 'STRUCTURAL STEEL' NOTES ON SHEET SGN-1. SEE DETAIL 1/SS-2 FOR CONNECTION TO EXISTING BOTTOM STANDOFF HORIZONTAL (UTILIZE 6" HSS5X3X1/4 SPACER AS NECESSARY). CONNECT OTHER END OF KICKER KIT TO MONOPOLE RING MOUNT ASSEMBLY (SITE PRO 1 PART #: LWRM, OR EOR APPROVED EQUAL) WITH LARGE DIAMETER ADAPTER (SITE PRO 1 PART #: RM-ADK). CONTACT COLLIERS ENGINEERING & DESIGN FOR APPROVAL OF SUBSTITUTION).
2		3	172" LONG, P2 1/2 STD SUPPORT RAIL	CONTRACTOR TO VERIFY THE LENGTH REQUIRED AND TRIM AS NECESSARY IN ACCORDANCE WITH THE 'STRUCTURAL STEEL' NOTES ON SHEET SGN-1. RADIO AND/OR TME POSITIONS SHALL BE ADJUSTED VERTICALLY AS NEEDED IN ORDER TO ACHIEVE INSTALLATION OF HORIZONTAL AS SHOWN. EOR SHALL BE NOTIFIED IF EQUIPMENT NEEDS TO BE RELOCATED TO ANOTHER MOUNT PIPE. CONNECT NEW HORIZONTAL TO ALL EXISTING VERTICAL MOUNT PIPES WITH CROSSOVER PLATES (PART #: VZWSMART-MSK1).
3	156'-6"	3	60" LONG, L3x3x1/4 BRACING	CONTRACTOR TO VERIFY THE LENGTH REQUIRED AND TRIM AS NECESSARY IN ACCORDANCE WITH THE 'STRUCTURAL STEEL' NOTES ON SHEET SGN-1. CONTRACTOR SHALL CONNECT PROPOSED L3X3X1/4 ANGLES TO CORNER BRACKETS (VZWSMART-PLK3) USING THE PROVIDED (8) 5/8" DIA. BOLTS, (4) BOLTS PER CONNECTION.
4		3	108" LONG, L2 1/2x2 1/2x3/16 STANDOFF HORIZONTAL	CONTRACTOR TO VERIFY THE LENGTH REQUIRED AND TRIM AS NECESSARY IN ACCORDANCE WITH THE 'STRUCTURAL STEEL' NOTES ON SHEET SGN-1. CONNECT TO EXISTING ANGLE WITH 1/2" DIA A325N BOLTS 12" C-C. ADD SHIM PLATES AS NECESSARY.
5		9	72" LONG, L2x2x3/16 BRACING	CONTRACTOR TO VERIFY THE LENGTH REQUIRED AND TRIM AS NECESSARY IN ACCORDANCE WITH THE 'STRUCTURAL STEEL' NOTES ON SHEET SGN-1. CONNECT TO EXISTING TOP STANDOFF HORIZONTAL WITH (1) 1/2" DIA. A325N BOLT AT EACH CONNECTION. CONNECT TO BOTTOM STANDOFF HORIZONTAL VIA CLIP ANGLE (SEE DETAIL 2/SS-2).
6		3	3/8" THICK. CORNER PLATE	INSTALL PROPOSED CORNER PLATE BETWEEN EXISTING TOP STANDOFF HORIZONTALS AND PROPOSED STANDOFF HORIZONTALS. CONTRACTOR TO FIELD VERIFY DIMENSION FOR FIT PRIOR TO CONSTRUCTION.

NOTES:

MOUNT MEMBERS NOT SHOWN FOR CLARITY U.N.O.
 INSTALL LARGE DIAMETER ADAPTER ASSEMBLY (SITE PRO 1 PART #: RM-ADK OR EOR APPROVED EQUAL, CONTACT MASER CONSULTING FOR APPROVAL OF SUBSTITUTION). TO PROPOSED COLLAR MOUNT (PART #: VZWSMART-PLK7).
 ALL BOLT HOLES SHALL BE PREPARED PER THE BOLT SCHEDULE ON SHEET SGN-1.

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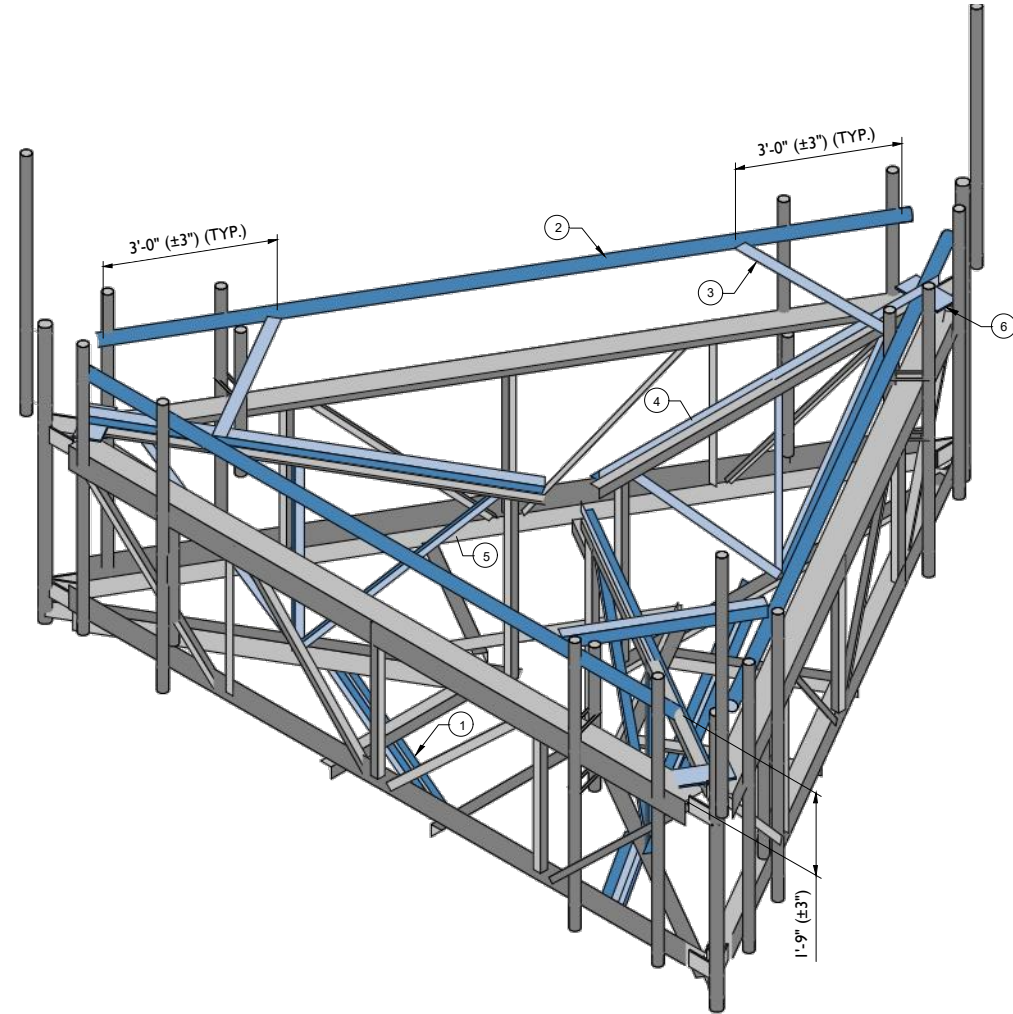
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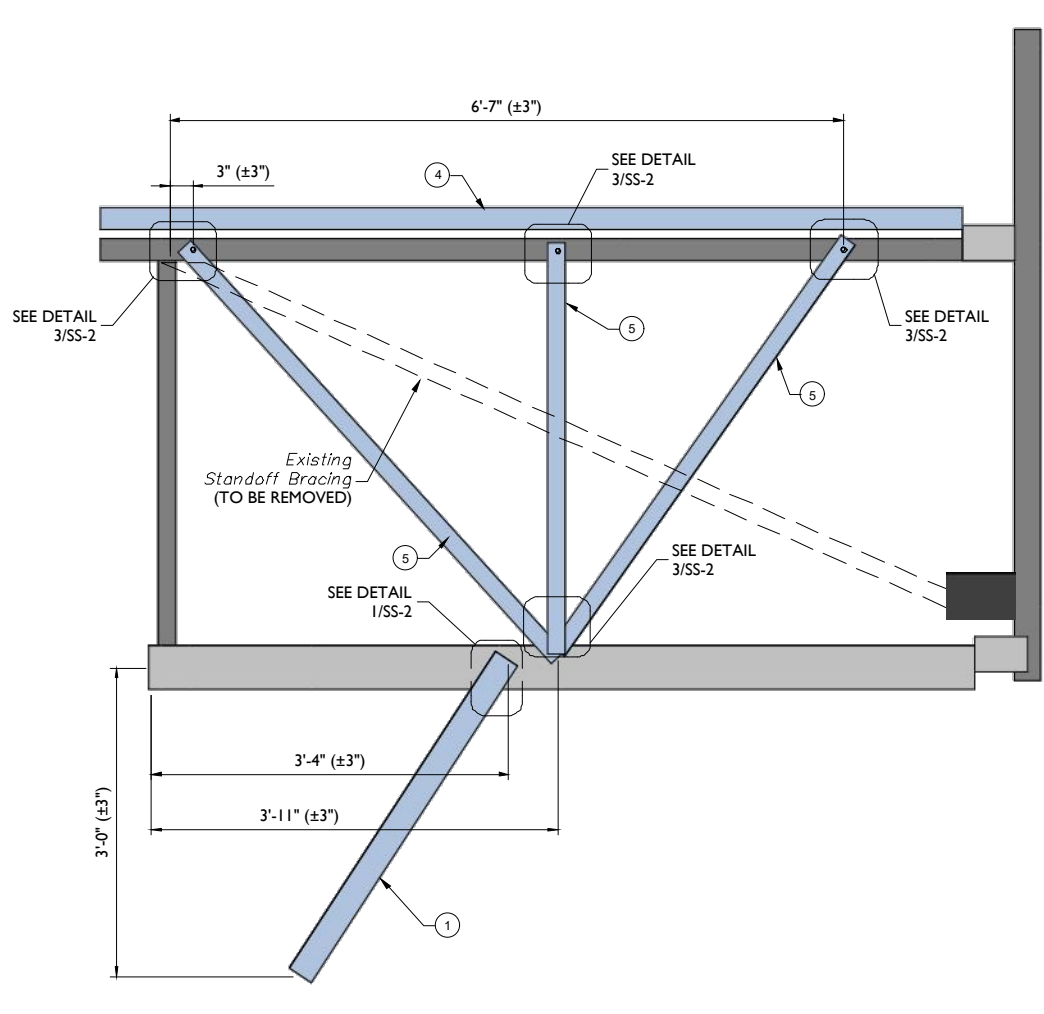
SHEET TITLE:
MODIFICATION DETAILS

SHEET NUMBER:
 SS-1



PROPOSED ISOMETRIC VIEW

SCALE : N.T.S.



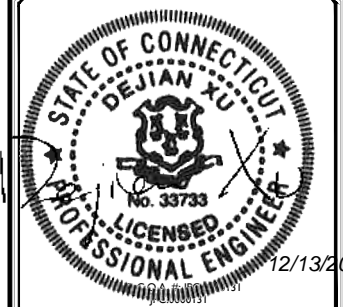
PROPOSED SIDE ELEVATION VIEW (TYP. ALL SECTORS)

SCALE : N.T.S.



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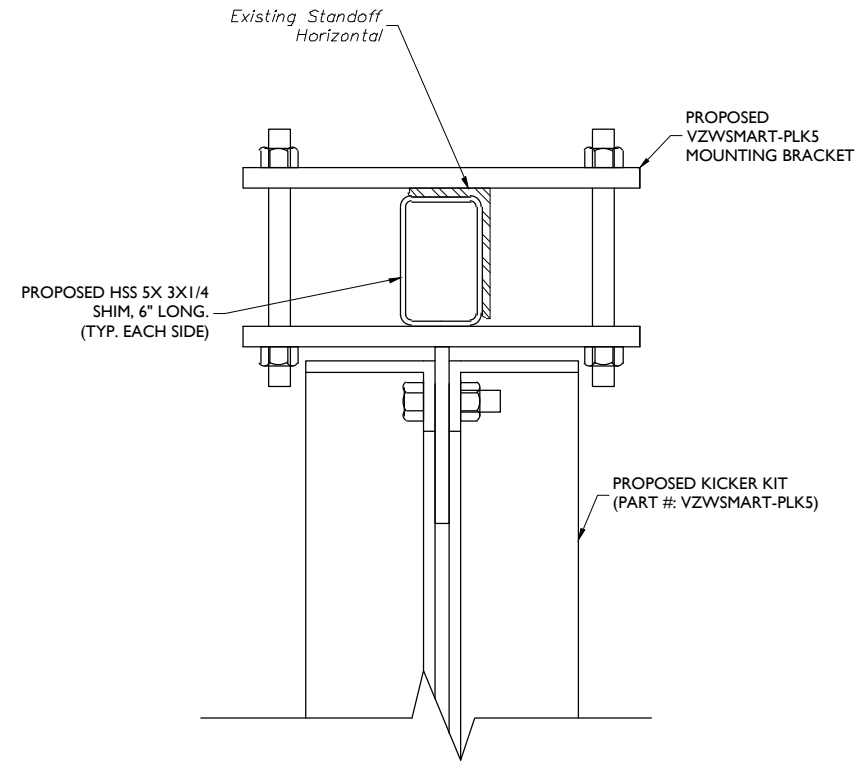
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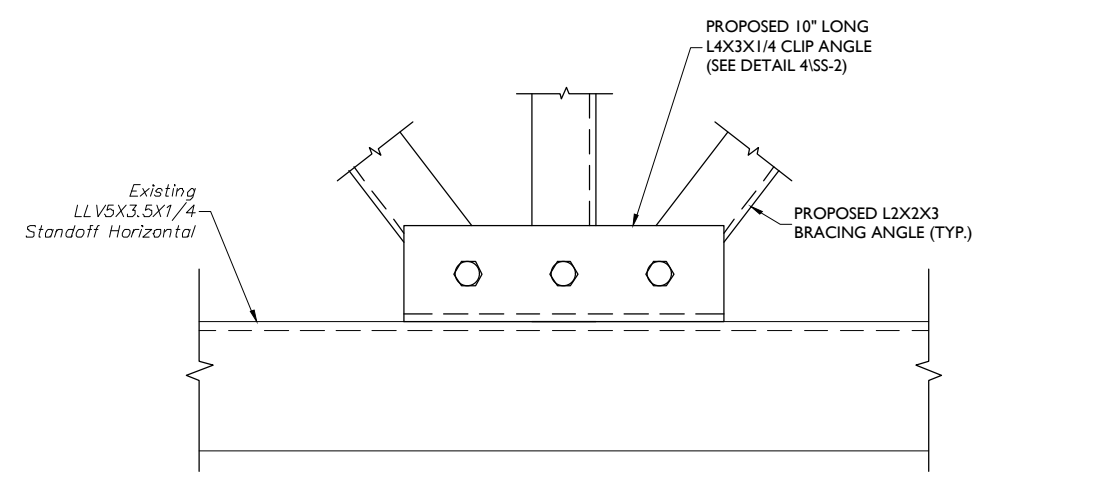
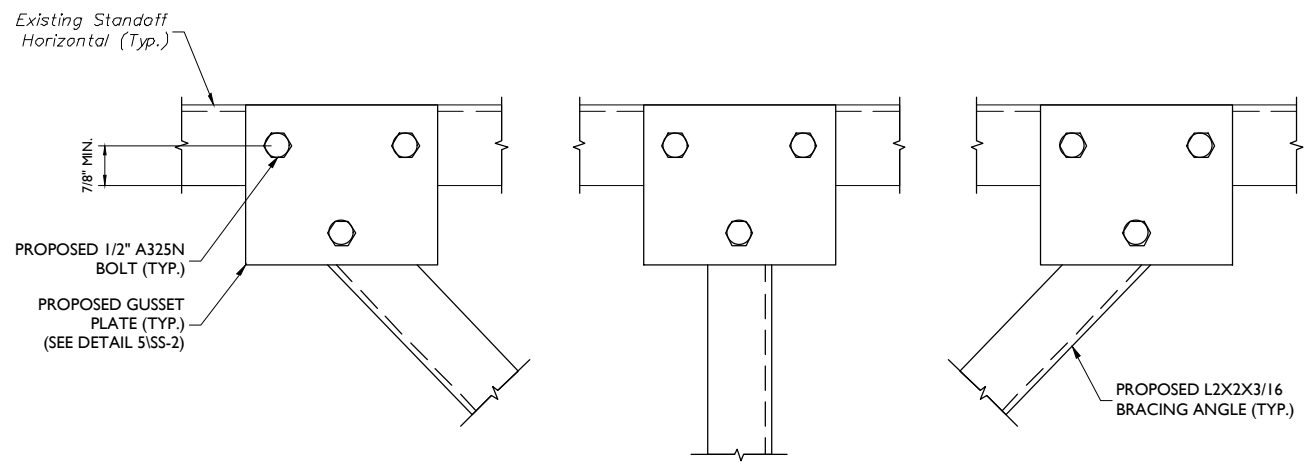
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SHEET TITLE:
GEOMETRY VERIFICATION SKETCHES

SHEET NUMBER:
SS-2

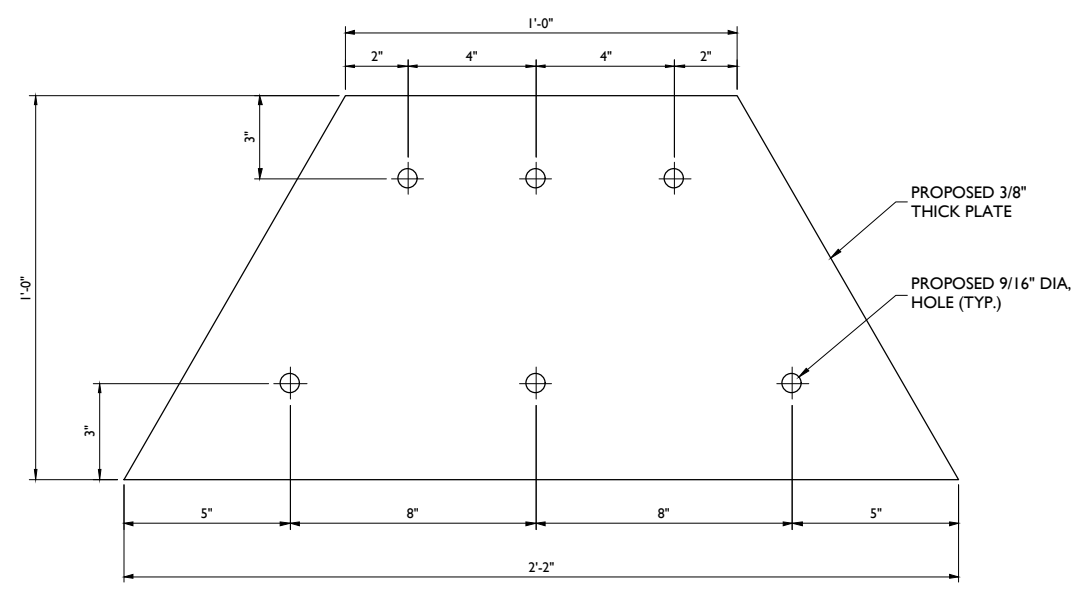


1 KICKER TO STANDOFF CONNECTION DETAIL
 SCALE : N.T.S.

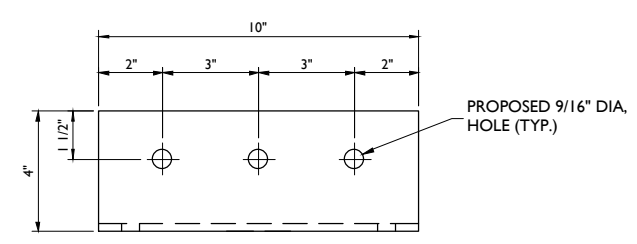
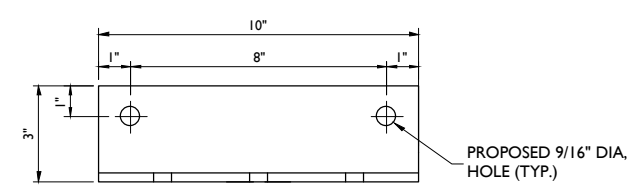


NOTE:
 TRIM GRATING TO WITHIN 1\"/>

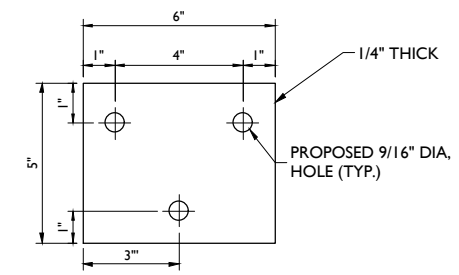
3 STANDOFF BRACING CONNECTION DETAIL
 SCALE : N.T.S.



2 PROPOSED CORNER PLATE DETAIL
 SCALE : N.T.S.



4 L4X3X1/4 CLIP ANGLE
 SCALE : N.T.S.



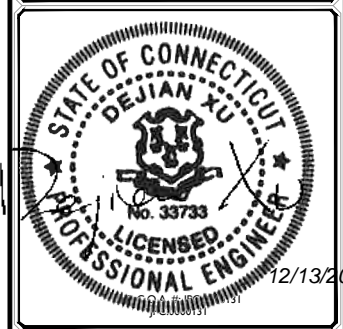
5 GUSSET PLATE DETAIL
 SCALE : N.T.S.



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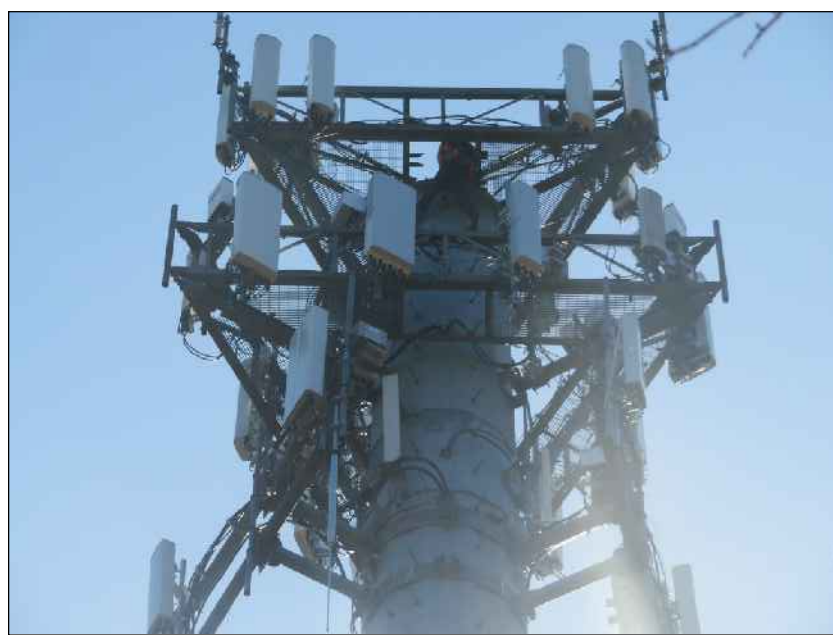
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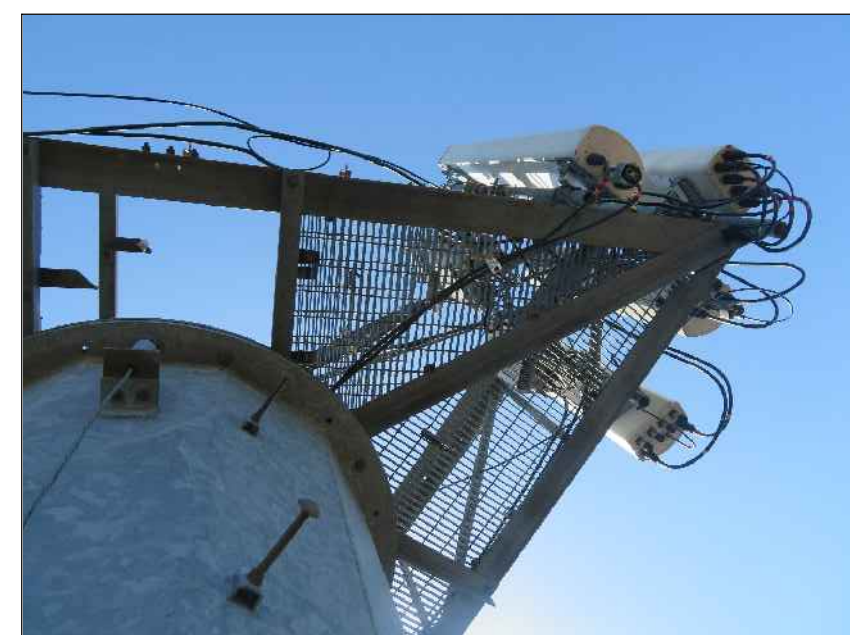
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SHEET TITLE:
 MOUNT PHOTOS

SHEET NUMBER:
 SS-3



MOUNT PHOTO 1



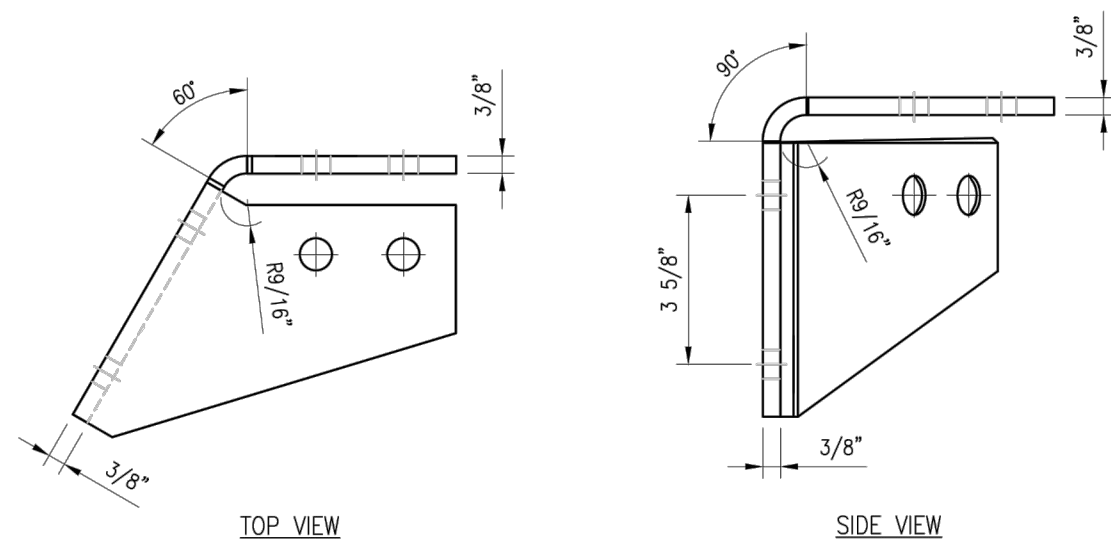
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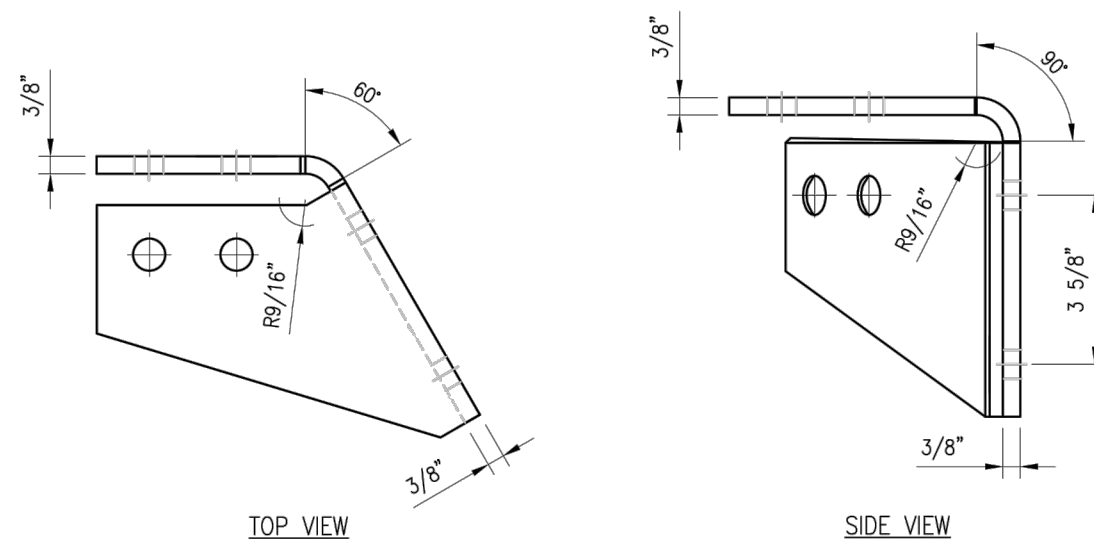
MOUNT PHOTO 3



MOUNT PHOTO 4



CBP-L



CBP-R

FOR REFERENCE ONLY

NOTES:

1. HOT-DIPPED GALVANIZED PER ASTM A123.

VZSMART-PLK3 (SUPPORT RAIL CORNER BRACKET)					
ITEM NO.	QTY.	PART NO.	DESCRIPTION	SHEET #	WT
1	1	CBP-L	CORNER BENT PLATE BRACKET	PLK3-F1	9
2	1	CBP-R	CORNER BENT PLATE BRACKET	PLK3-F1	9
3	4	MS02-625-300-500	RU-BOLT 5/8" X 3" I.W. X 5" I.L. A36 (OR EQUIV.)	RBC-1	5
4	8	---	BOLT 5/8" X 2" A325	---	3
5	16	FW-625	5/8" HDG USS FLAT WASHER	---	1
6	16	LW-625	5/8" HDG LOCK WASHER	---	0
7	16	NUT-625	5/8" HDG HEX NUT	---	2
GALVANIZED WT					30

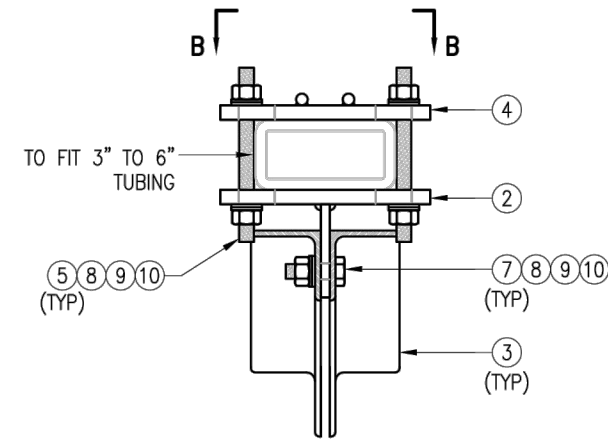
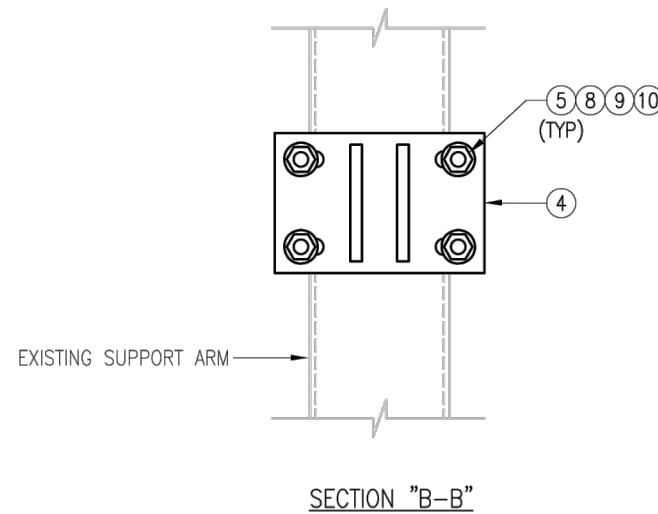
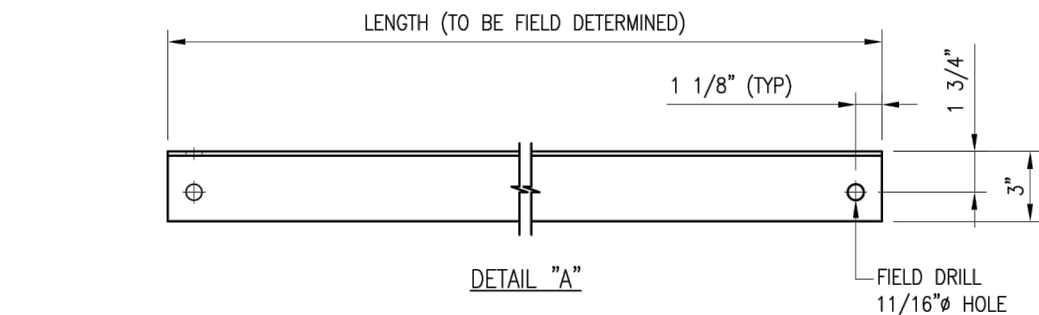
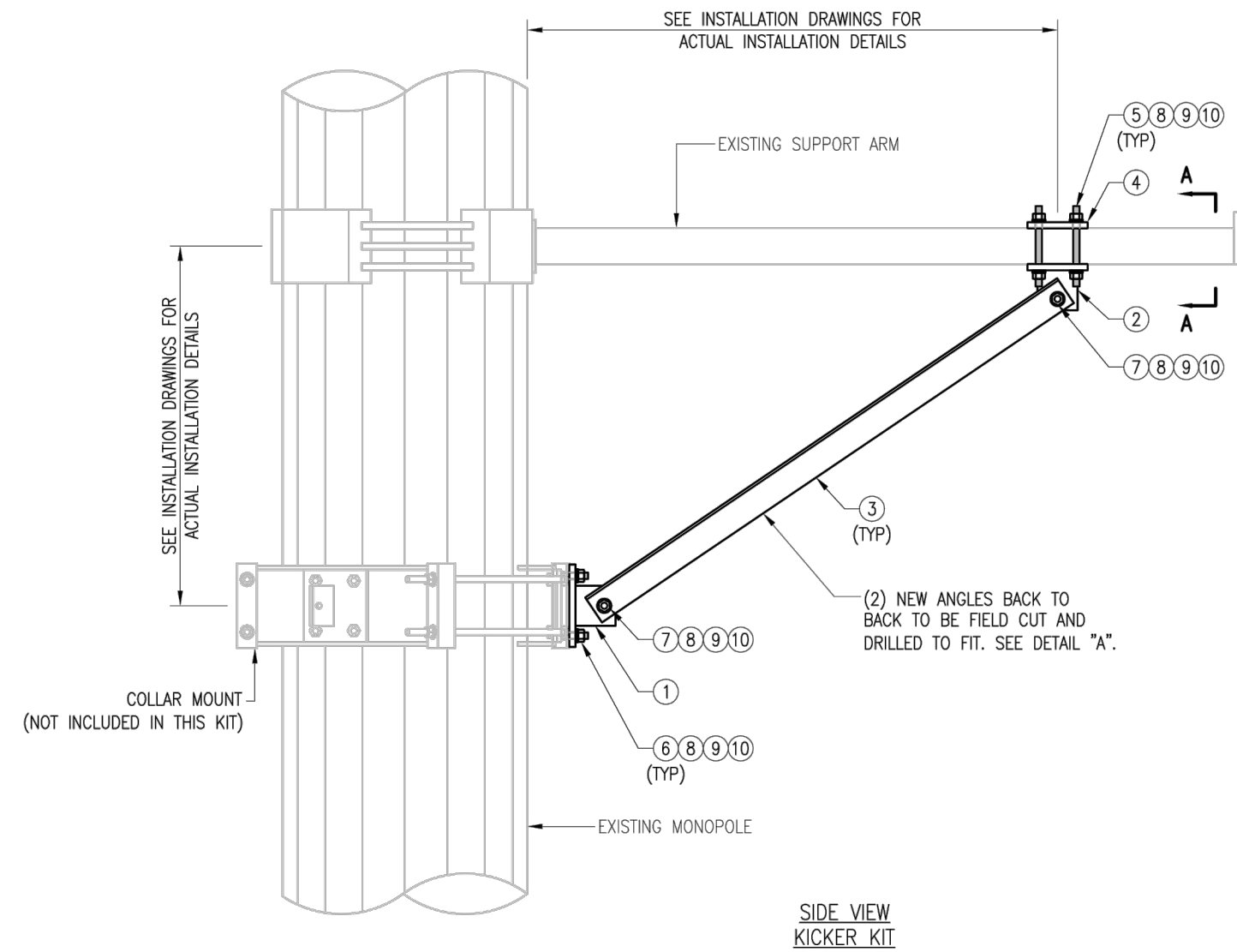
DRAWN BY: H.R. CHECKED BY: HMA

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

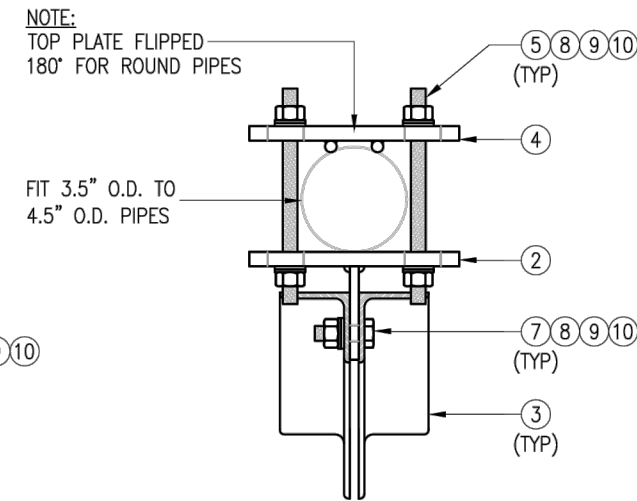
SHEET TITLE:
 VZSMART-PLK3
 SUPPORT RAIL CORNER
 BRACKET

SHEET NUMBER: VZSMART-PLK3 REV #: 0

NOTE:
THE LOCATION OF KICKER AND EXISTING ANTENNA MOUNT SHOWN ON THE DRAWING IS FOR REPRESENTATION PURPOSE ONLY. SEE INSTALLATION DRAWINGS FOR ACTUAL INSTALLATION OF DETAILS.



SECTION "A-A"
RECT. HSS MOUNTING



SECTION "A-A"
ROUND PIPE MOUNTING

VZSMART-PLK5 (KICKER KIT)						
ITEM NO.	QTY.	PART NO.	DESCRIPTION	SHEET #	WT	
1	3	BRKW-XXX	BRACKET WELDMENT A36	PLK5-F3	43.8	
2	3	BRKW-XXXX	BRACKET WELDMENT A36	PLK5-F2	35.7	
3	6	L331875-8	L 3" X 3" X 3/16" X 8'-0" A36	PLK5-F4	182.9	
4	3	PL-KI	PL 5/8" X 6" X 9" A36	PLK5-F1	29.0	
5	12	---	THREADED ROD 5/8" DIA. X 1'-0" F1554-36 HDG	---	---	
6	6	---	BOLT 5/8" X 2" A325	---	---	
7	12	---	BOLT 5/8" X 2 1/2" A325	---	---	
8	42	FW-625	5/8" HDG USS FLAT WASHER	---	3	
9	42	LW-625	5/8" HDG LOCK WASHER	---	1	
10	42	NUT-625	5/8" HDG HEX NUT	---	5	
					GALVANIZED WT	291

NOTES:
1. ALL HOLES ARE 11/16" DIA. U.N.O
2. HOT-DIPPED GALVANIZED PER ASTM A123.
3. FIT UP TO 6" SQ. TUBING OR 4 1/2" O.D. PIPE

VzW
SMART Tool[®]
Vendor

verizon

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REV.	DESCRIPTION	BY	DATE
△	FIRST ISSUE	MN	05/08/20
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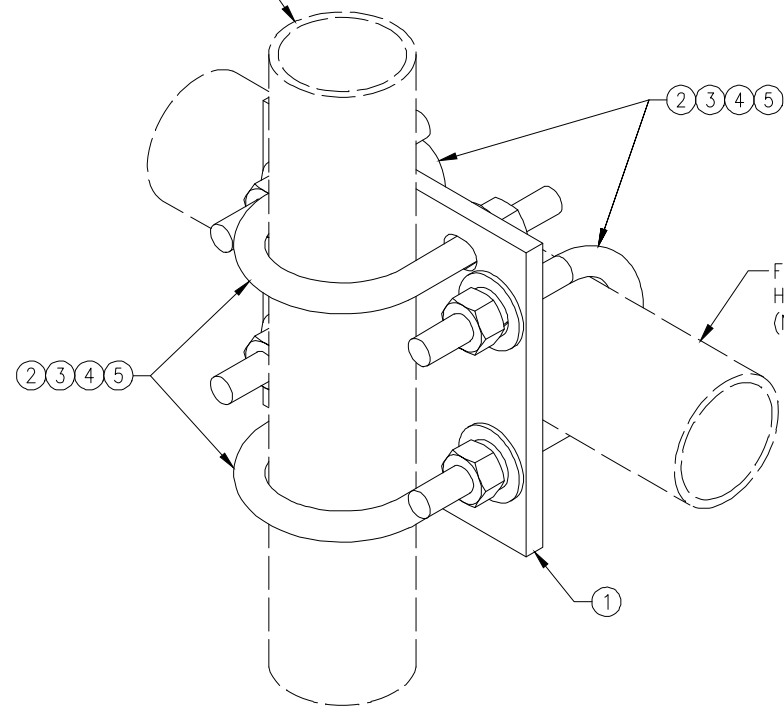
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VZSMART-PLK5
KICKER KIT

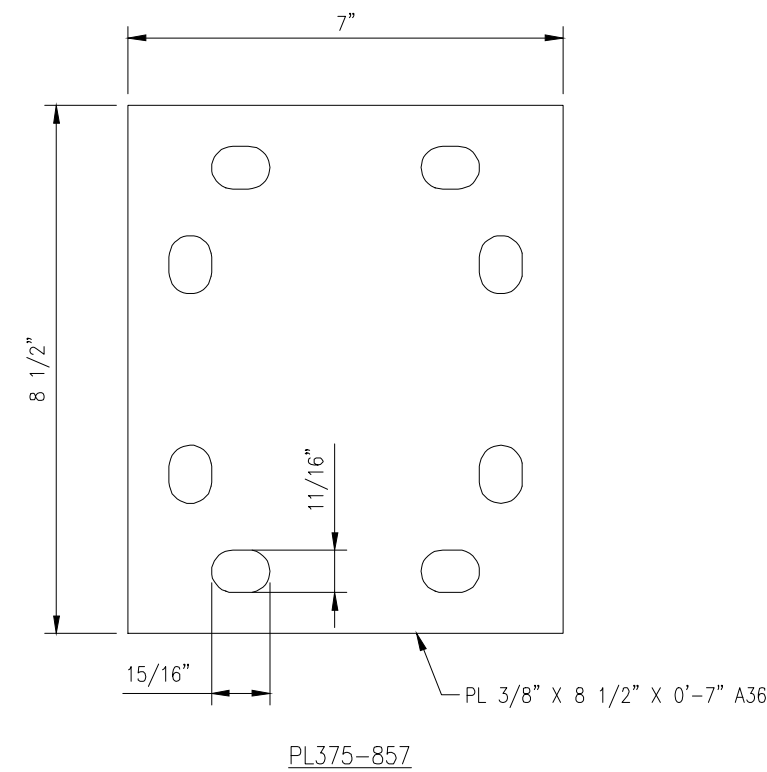
SHEET NUMBER: VZSMART-PLK5 REV #: 0



FITS 2.375" O.D. AND 2.875" O.D.
VERTICAL PIPE.
(NOT INCLUDED IN THIS KIT)



FITS 2.375" O.D. AND 2.875" O.D.
HORIZONTAL PIPE.
(NOT INCLUDED IN THIS KIT)



**FOR REFERENCE
ONLY**

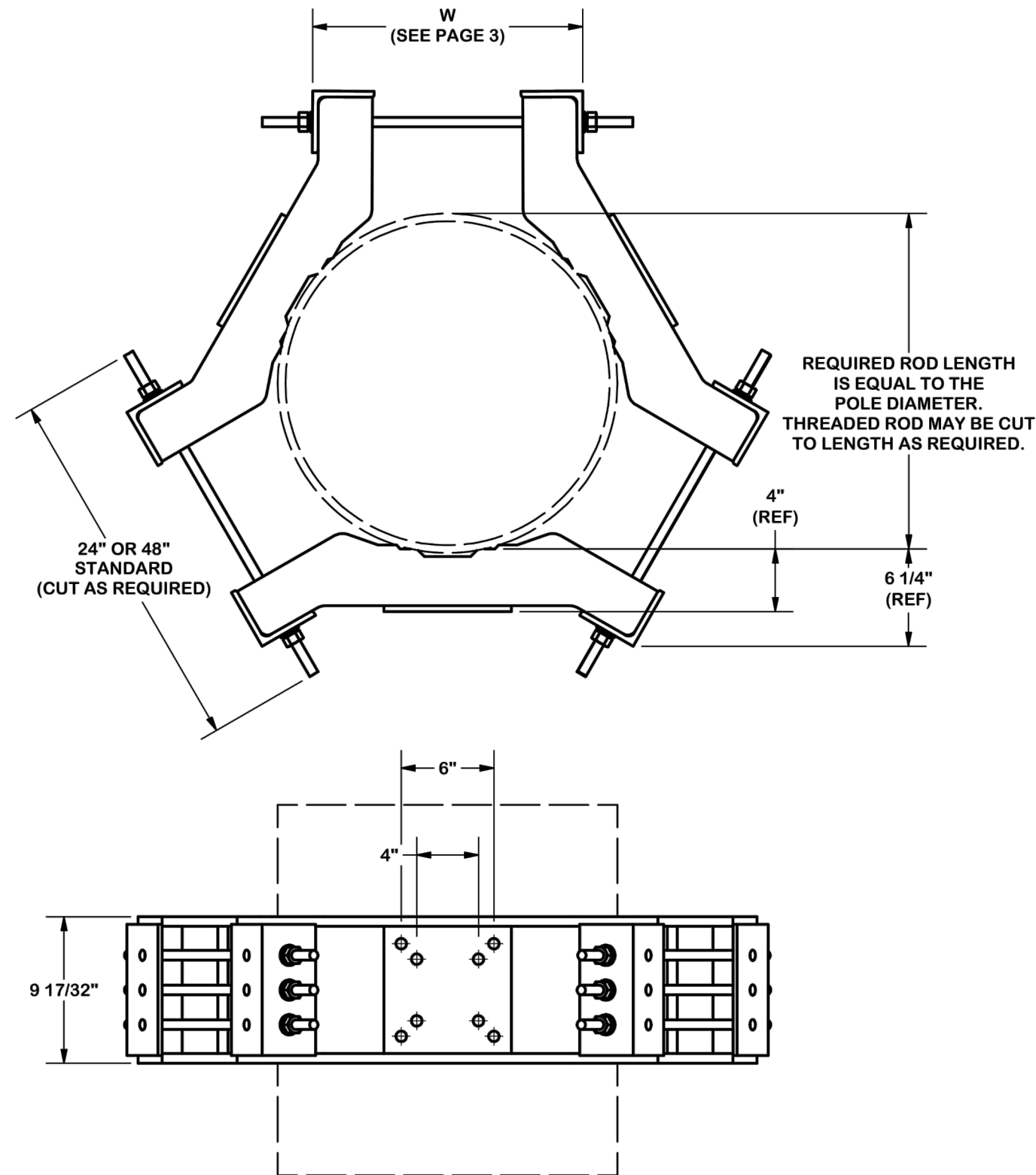
DRAWN BY: H.R		CHECKED BY: HMA	
REV.	DESCRIPTION	BY	DATE
△	FIRST ISSUE	H.R.	05/08/20
△			
△			
△			

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

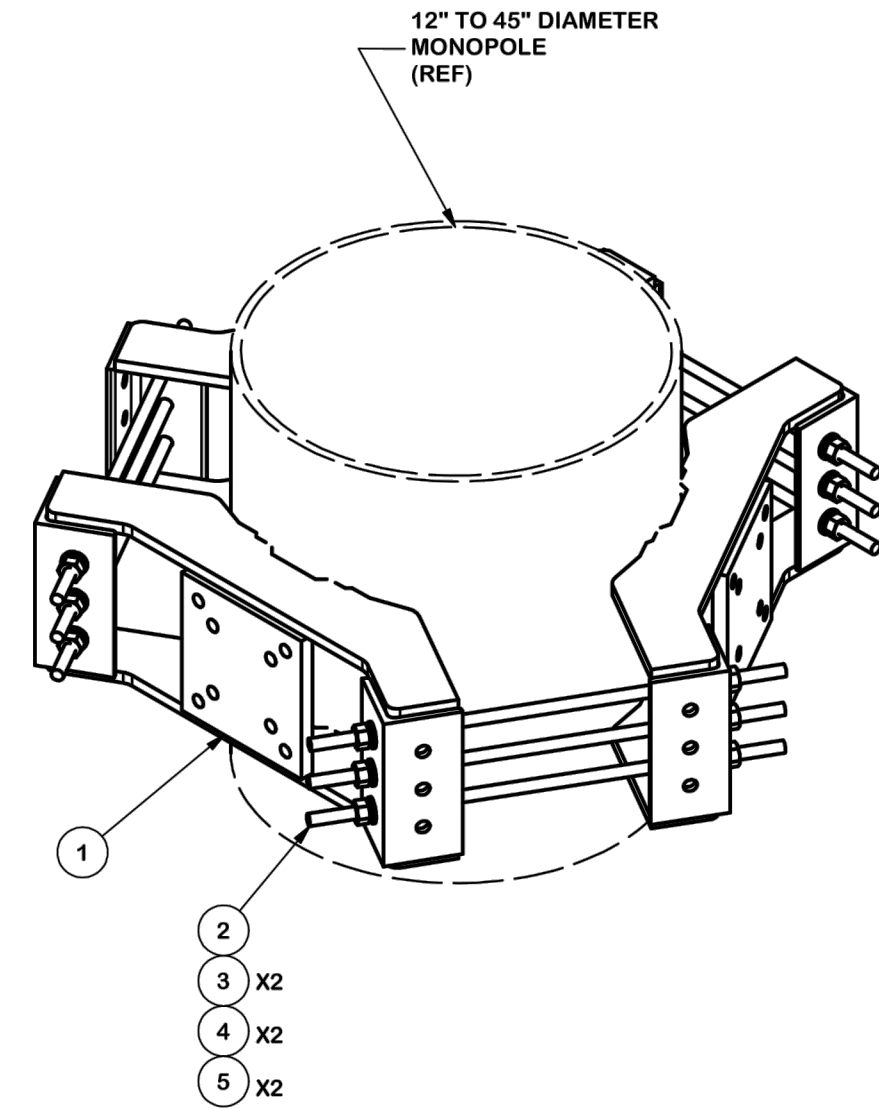
NOTES:
1. HOT-DIPPED GALVANIZED PER ASTM A123.

SHEET TITLE:
**VZWSMART-MSK1
CROSSOVER PLATE**

SHEET NUMBER: **VZWSMART-MSK1** REV #: **0**



PARTS LIST						
ITEM	QTY	PART NO.	PART DESCRIPTION	LENGTH	UNIT WT.	NET WT.
1	3	X-LWRM	RING MOUNT WELDMENT		68.16	204.48
2	9	G58R-48	5/8" x 48" THREADED ROD (HDG.)		0.55	4.94
2	9	G58R-24	5/8" x 24" THREADED ROD (HDG.)		0.55	4.94
3	18	A58FW	5/8" HDG A325 FLATWASHER		0.03	0.61
4	18	G58LW	5/8" HDG LOCKWASHER		0.03	0.47
5	18	A58NUT	5/8" HDG A325 HEX NUT		0.13	2.34
					TOTAL WT. #	264.35



TOLERANCE NOTES

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

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

DESCRIPTION
RING MOUNT ASSEMBLY
 12" TO 45" DIAMETER POLE

SITE PRO 1
 A valmont COMPANY

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

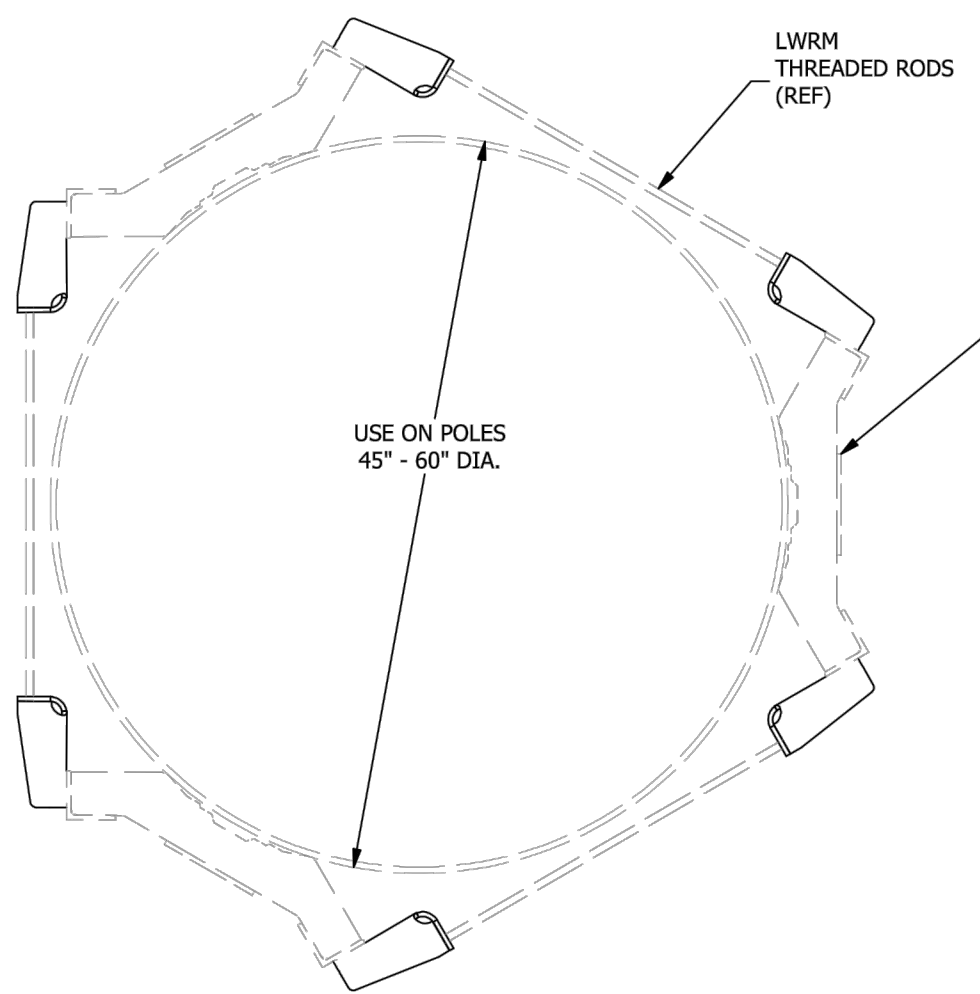
Engineering Support Team:
 1-888-753-7446

REV	DESCRIPTION OF REVISIONS	CPD	BY	DATE
A	REDRAWN IN INV, UPDATED TABLES & VIEWS		KC8	7/25/2012

CPD NO.	DRAWN BY	ENG. APPROVAL
4433	BMC 3/17/2009	
CLASS	SUB	DRAWING USAGE
81	01	CUSTOMER
CHECKED BY	DATE	
CEK	8/24/2012	

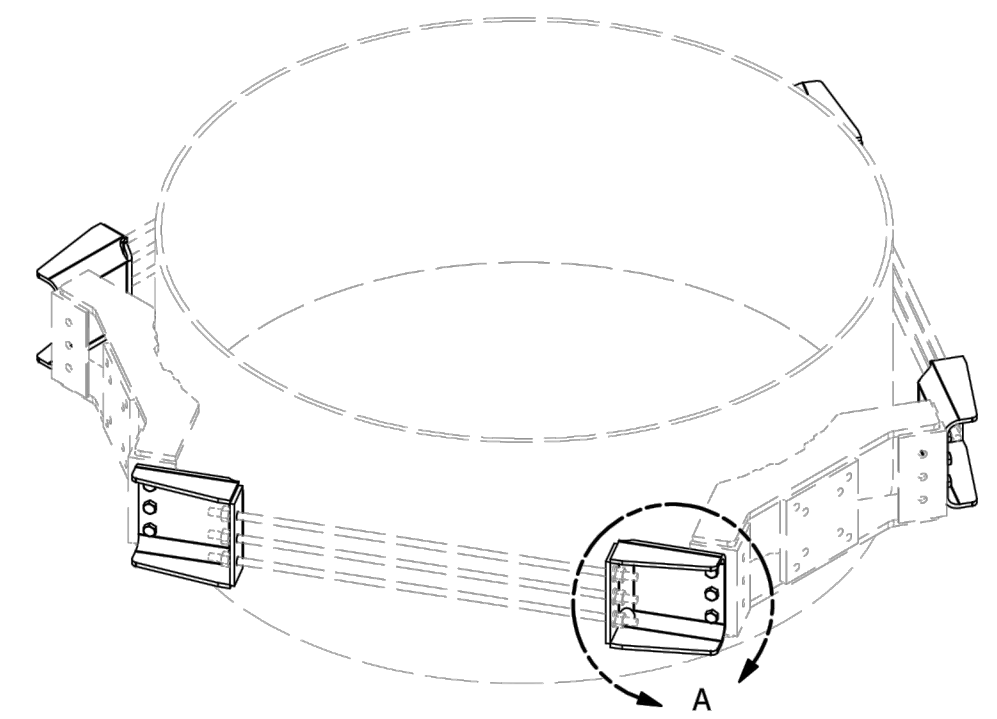
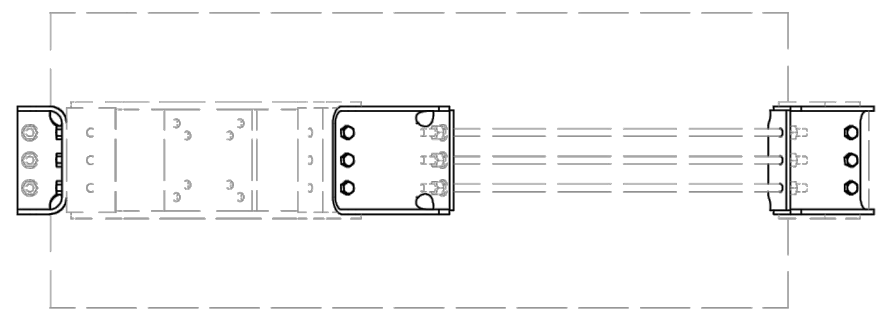
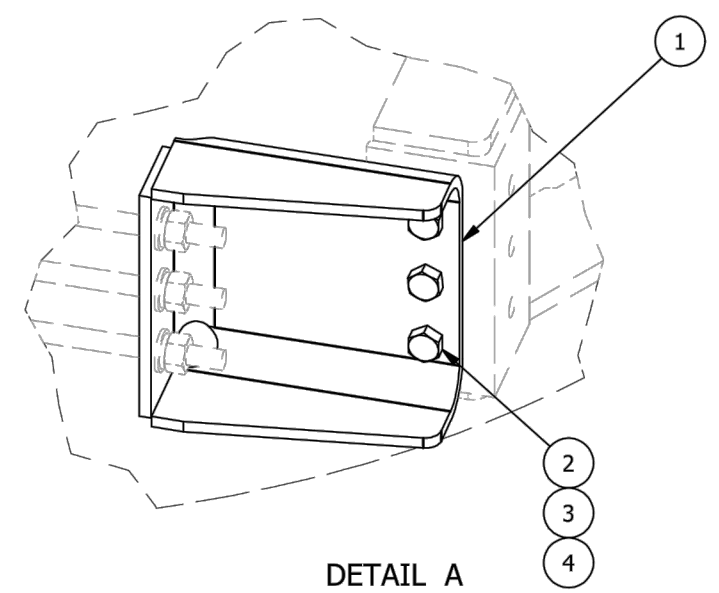
PART NO.	DWG. NO.
LWRM	LWRM

PARTS LIST						
ITEM	QTY	PART NO.	PART DESCRIPTION	LENGTH	UNIT WT.	NET WT.
1	6	X-178627	BENT EXTENSION BRACKET		15.80	94.79
2	18	A5802	5/8" x 2" HDG A325 HEX BOLT		0.27	4.89
3	18	G58LW	5/8" HDG LOCKWASHER		0.03	0.47
4	18	A58NUT	5/8" HDG A325 HEX NUT		0.13	2.34
					TOTAL WT. #	105.90



LWRM
THREADED RODS
(REF)

LWRM (REF)
(PURCHASED
SEPARATELY)



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

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

DESCRIPTION OPTIONAL LARGE DIAMETER ADAPTER ASSEMBLY (USED WITH LWRM)			
CPD NO.	DRAWN BY KC8 5/22/2012	ENG. APPROVAL	
CLASS 81	SUB 01	DRAWING USAGE CUSTOMER	CHECKED BY CEK 8/20/2012

 A valmont COMPANY	Engineering Support Team: 1-888-753-7446	Locations: New York, NY Atlanta, GA Los Angeles, CA Plymouth, IN Salem, OR Dallas, TX
	PART NO. RM-ADK	
DWG. NO. RM-ADK		PAGE 1 OF 1

EXHIBIT G

Power Density / RF Emissions Report



FOX HILL TELECOM

Radio Frequency Emissions Analysis Report

Prepared for:



Crown Site ID: 806366_HRT 107(C) 943204

Verizon Wireless Site Name: Marlborough CT

Verizon Wireless FUZE ID: 16271973

Site Address:

73 North Main Street
Marlborough, CT 06447

May 29, 2024

Fox Hill Telecom Project Number: 240148

Site Compliance Summary	
Compliance Status:	COMPLIANT
Site total MPE% of FCC general population allowable limit:	14.35 %



May 29, 2024

Crown Castle
1800 W. Park Drive
Westborough, MA 01581

Emissions Analysis for:

Crown Castle Site: 806366 – HRT 107(C) 943204

Verizon Wireless Site: Marlborough CT

Fox Hill Telecom, Inc (“Fox Hill”) was directed to analyze the proposed upgrades for Verizon Wireless to the Crown Castle facility located at **73 North Main Street, Marlborough, CT**, for the purpose of determining whether the emissions from the Proposed Verizon Wireless Antenna Installation, in addition to all existing radio systems located on this property, are within specified federal limits.

All information used in this report was analyzed as a percentage of current Maximum Permissible Exposure (% MPE) as listed in the FCC OET Bulletin 65 Edition 97-01 and ANSI/IEEE Std C95.1. The FCC regulates Maximum Permissible Exposure in units of microwatts per square centimeter ($\mu\text{W}/\text{cm}^2$). The number of $\mu\text{W}/\text{cm}^2$ calculated at each sample point is called the power density. The exposure limit for power density varies depending upon the frequencies being utilized. Wireless Carriers and Paging Services use different frequency bands each with different exposure limits, therefore it is necessary to report results and limits in terms of percent MPE rather than power density.

All results were compared to the FCC (Federal Communications Commission) radio frequency exposure rules, 47 CFR 1.1307(b)(1) – (b)(3), to determine compliance with the Maximum Permissible Exposure (MPE) limits for General Population/Uncontrolled environments as defined below.

General population/uncontrolled exposure limits apply to situations in which the general population may be exposed or in which persons who are exposed as a consequence of their employment may not be made fully aware of the potential for exposure or cannot exercise control over their exposure. Therefore, members of the general population would always be considered under this category when exposure is not employment related, for example, in the case of a telecommunications tower that exposes persons in a nearby residential area.



General population exposure to radio frequencies is regulated and enforced in units of microwatts per square centimeter ($\mu\text{W}/\text{cm}^2$). The general population exposure limits for the 700 MHz band & the 850 MHz cellular band are approximately $497 \mu\text{W}/\text{cm}^2$ and $586 \mu\text{W}/\text{cm}^2$ respectively. The general population exposure limit for the 1900 MHz (PCS), 2100 MHz (AWS), 3500 MHz (CBRS) and 3700 MHz (C band) frequency bands is $1000 \mu\text{W}/\text{cm}^2$. Because each carrier will be using different frequency bands, and each frequency band has different exposure limits, it is necessary to report the percentage of MPE rather than power density.

Occupational/controlled exposure limits apply to situations in which persons are exposed as a consequence of their employment and in which those persons who are exposed have been made fully aware of the potential for exposure and can exercise control over their exposure. Occupational/controlled exposure limits also apply where exposure is of a transient nature as a result of incidental passage through a location where exposure levels may be above general population/uncontrolled limits (see below), as long as the exposed person has been made fully aware of the potential for exposure and can exercise control over his or her exposure by leaving the area or by some other appropriate means.

Additional details can be found in FCC OET 65.



CALCULATIONS

Calculations were performed for the proposed upgrades to the Crown Castle facility for Verizon Wireless located at **73 North Main Street, Marlborough, CT**, using the equipment information listed below. All calculations were performed per the specifications under FCC OET 65 for far field modeling calculations.

In OET-65, plane wave power densities in the far field of an antenna are calculated by considering antenna gain and reflective waves that would contribute to exposure.

Since the radiation pattern of an antenna has developed in the **far field** region the power gain in specific directions needs to be considered in exposure predictions to yield an Effective Radiated Power (ERP) in each specific direction from the antenna. Also, since the vertical radiation pattern of the antenna is considered, the exposure calculations would most likely be reduced significantly at ground level, resulting in a more realistic estimate of the actual exposure levels. To determine a worst-case scenario at each point along the calculation radials, each point was calculated using the antenna gain value at each angle of incident and compared against the result using an isotropic radiator at the antenna height with the greater of the two used to yield the more pessimistic far field value for each point along the calculation radial.

Additionally, to model a truly "worst case" prediction of exposure levels at or near a surface, such as at ground-level or on a rooftop, reflection off the surface of antenna radiation power can be assumed, resulting in a potential 1.6 times increase in power density in calculating far field power density values.

With these factors considered, the worst case **far field prediction model** utilized in this analysis is determined by the following equation:

Equation 9 per FCC OET65 for Far Field Modeling

$$S = \frac{33.4 \text{ ERP}}{R^2}$$

S = Power Density (in $\mu\text{w}/\text{cm}^2$)

ERP = Effective Radiated Power from antenna (watts)

R = Distance from the antenna (meters)

Predicted far field power density values for all carriers identified in this report were calculated 6 feet above the ground level and are displayed as a percentage of the applicable FCC standards. All emissions values for other carriers were calculated using the same Far Field model outlined above, using industry standard radio configurations and frequency band selection based upon available licenses in this geographic area for emissions contribution estimates.



For each Verizon Wireless sector, the following channel counts, frequency bands and power levels were utilized as shown in *Table 1*:

Technology	Frequency Band	Channel Count	Transmit Power per Channel (W)
LTE	700 MHz	4	40
LTE / 5G	850 MHz	4	40
LTE	1900 MHz (PCS)	4	40
LTE	2100 MHz (AWS)	4	40
LTE	3500 MHz (CBRS)	4	25
5G	3700 MHz (C Band)	2	160

Table 1: Channel Data Table



FOX HILL TELECOM

The following **Verizon Wireless** antennas listed in *Table 2 – Antenna Data* were used in the modeling for transmission in the 700 MHz, 850 MHz, 1900 MHz (PCS), 2100 MHz (AWS), 3500 MHz (CBRS) and 3700 MHz (C Band) frequency bands. This is based on feedback from Verizon Wireless regarding anticipated antenna selection. Maximum gain values for all antennas are listed in *Table 3 – Verizon Wireless Inventory and Power Data* below.

Sector	Antenna Number	Antenna Make / Model	Antenna Centerline (ft)
A	1	Commscope NHH-65B-R2B	159
A	2	Commscope NHHSS-65B-R2BT4	159
A	3	Samsung MT6413-77A	159
A	4	Commscope LNX-8513DS-A1M (Dormant)	159
B	1	Commscope NHH-65B-R2B	159
B	2	Commscope NHHSS-65B-R2BT4	159
B	3	Samsung MT6413-77A	159
B	4	Commscope LNX-6514DS-A1M (Dormant)	159
C	1	Commscope NHH-65B-R2B	159
C	2	Commscope NHHSS-65B-R2BT4	159
C	3	Samsung MT6413-77A	159
C	4	Commscope LNX-6514DS-A1M (Dormant)	159

Table 2: Antenna Data

All calculations were done with respect to uncontrolled / general population threshold limits.



RESULTS

Per the calculations completed for the proposed Verizon Wireless configurations *Table 3* shows resulting emissions power levels and percentages of the FCC’s allowable general population limit.

Antenna ID	Antenna Make / Model	Frequency Bands	Antenna Gain (dBd)	Channel Count	Total TX Power (W)	ERP (W)	MPE %
Antenna A1	Commscope NHH-65B-R2B	700 MHz / 850 MHz / 1900 MHz (PCS)	12.75 / 12.85 / 15.75	12	480	12,111.28	1.21
Antenna A2	Commscope NHHSS-65B-R2BT4	2100 MHz (AWS) / 3500 MHz (CBRS)	15.85 / 15.55	8	260	9,742.69	0.40
Antenna A3	Samsung MT6413-77A	3700 MHz (C Band)	23.15	2	320	66,092.16	2.12
Antenna A4	Commscope LNX-8513DS-A1M (Dormant)	NA	NA	0	0	0.00	0.00
Sector A Composite MPE%							3.73
Antenna B1	Commscope NHH-65B-R2B	700 MHz / 850 MHz / 1900 MHz (PCS)	12.75 / 12.85 / 15.75	12	480	12,111.28	1.21
Antenna B2	Commscope NHHSS-65B-R2BT4	2100 MHz (AWS) / 3500 MHz (CBRS)	15.85 / 15.55	8	260	9,742.69	0.40
Antenna B3	Samsung MT6413-77A	3700 MHz (C Band)	23.15	2	320	66,092.16	2.12
Antenna B4	Commscope LNX-6514DS-A1M (Dormant)	NA	NA	0	0	0.00	0.00
Sector B Composite MPE%							3.73
Antenna C1	Commscope NHH-65B-R2B	700 MHz / 850 MHz / 1900 MHz (PCS)	12.75 / 12.85 / 15.75	12	480	12,111.28	1.21
Antenna C2	Commscope NHHSS-65B-R2BT4	2100 MHz (AWS) / 3500 MHz (CBRS)	15.85 / 15.55	8	260	9,742.69	0.40
Antenna C3	Samsung MT6413-77A	3700 MHz (C Band)	23.15	2	320	66,092.16	2.12
Antenna C4	Commscope LNX-6514DS-A1M (Dormant)	NA	NA	0	0	0.00	0.00
Sector C Composite MPE%							3.73

Table 3: Verizon Wireless Inventory and Power Data table



Table 4: All Carrier MPE Contributions shows all additional identified carriers on site and their emissions contribution estimates, along with the newly calculated maximum Verizon Wireless far field emissions contributions per this report. FCC OET 65 specifies that for carriers utilizing directional antennas the highest recorded sector value be used for composite site emissions values due to their greatly reduced emissions contributions in the directions of the adjacent sectors. For this site, all three Verizon Wireless sectors have the same configuration yielding the same results for all three sectors. *Table 5* below shows a summary for each Verizon Wireless Sector as well as the composite estimated emissions value for the site.

Site Composite MPE%	
Carrier	MPE%
Verizon Wireless – Max Per Sector Value	3.73 %
AT&T	4.68 %
T-Mobile	3.08 %
Dish	2.86 %
Site Total MPE %:	14.35 %

Table 4: All Carrier MPE Contributions

Verizon Wireless Sector A Total:	3.73 %
Verizon Wireless Sector B Total:	3.73 %
Verizon Wireless Sector C Total:	3.73 %
Site Total:	
	14.35 %

Table 5: Site MPE Summary



FOX HILL TELECOM

Table 6 below details a breakdown by frequency band and technology for the MPE power values for the maximum calculated Verizon sector(s). For this site, all three Verizon Wireless sectors have the same configuration yielding the same results for all three sectors.

Verizon Wireless _ Frequency Band / Technology Max Power Values (Per Sector)	# Channels	Watts ERP (Per Channel)	Height (feet)	Total Power Density ($\mu\text{W}/\text{cm}^2$)	Frequency (MHz)	Allowable MPE ($\mu\text{W}/\text{cm}^2$)	Calculated % MPE
Verizon Wireless 700 MHz LTE	4	753.46	159	2.63	700 MHz	497	0.53%
Verizon Wireless 850 MHz LTE / 5G	4	771.01	159	2.52	850 MHz	586	0.43%
Verizon Wireless 1900 MHz (PCS) LTE	4	1,503.35	159	2.50	1900 MHz (PCS)	1000	0.25%
Verizon Wireless 2100 MHz (AWS) LTE	4	1,538.37	159	2.50	2100 MHz (AWS)	1000	0.25%
Verizon Wireless 3500 MHz (CBRS) LTE	4	897.30	159	1.50	3500 MHz (CBRS)	1000	0.15%
Verizon Wireless 3700 MHz (C Band) 5G	2	33,046.08	159	21.20	3700 MHz (C Band)	1000	2.12%
						Total:	3.73 %

Table 6: Verizon Wireless Maximum Sector MPE Power Values



Summary

All calculations performed for this analysis yielded results that were **within** the allowable limits for general population exposure to RF Emissions.

The anticipated maximum composite contributions from the Verizon Wireless facility as well as the site composite emissions estimates value with regards to compliance with FCC's allowable limits for general population exposure to RF Emissions are shown here:

Verizon Wireless Sector	Power Density Value (%)
Sector A:	3.73 %
Sector B:	3.73 %
Sector C:	3.73 %
Verizon Wireless Maximum Total (per sector):	3.73 %
Site Total:	14.35 %
Site Compliance Status:	COMPLIANT

The estimated composite emissions value for this site, assuming all carriers present, is **14.35 %** of the allowable FCC established general population limit sampled at the ground level. This is based upon the far field calculations performed for all carriers identified in this report.

FCC guidelines state that if a site is found to be out of compliance (over allowable thresholds), that carriers over a 5% contribution to the composite value will require measures to bring the site into compliance. For this facility, the composite estimated values calculated were well within the allowable 100% threshold standard per the federal government.

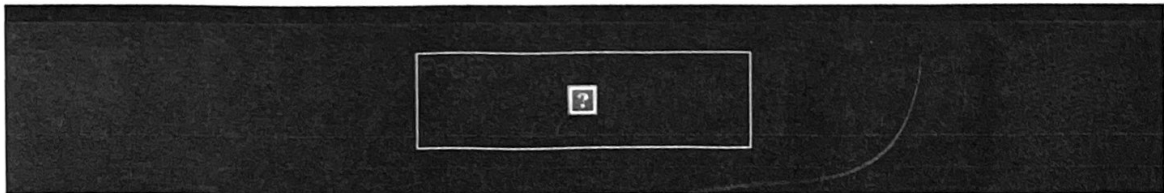
Scott Heffernan
Principal RF Engineer
Fox Hill Telecom, Inc
Worcester, MA 01609
(978)660-3998

EXHIBIT H

Recipient Mailing Records

From: TrackingUpdates@fedex.com
To: [Bachi, Jenifer](#)
Subject: FedEx Shipment 776623361332: Your package has been delivered / 806366 - Dir of Planning
Date: Friday, May 31, 2024 12:22:36 PM

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.



Hi. Your package was
delivered Fri, 05/31/2024 at
12:14pm.

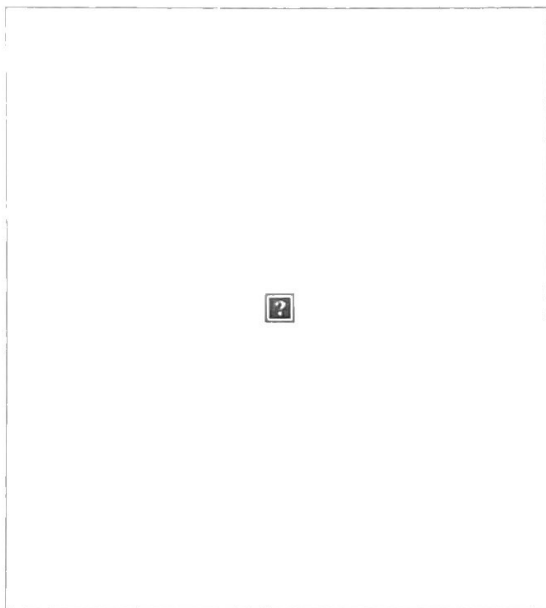


OBTAIN PROOF OF DELIVERY

How was your delivery ?



TRACKING NUMBER [776623361332](#)
FROM KING OF PRUSSIA, PA, US
TO MARLBOROUGH, CT, US
SHIP DATE Thu 5/30/2024 06:00 PM
DELIVERED TO Shipping/Receiving
PACKAGING TYPE FedEx Pak
ORIGIN KING OF PRUSSIA, PA, US
DESTINATION MARLBOROUGH, CT, US
SPECIAL HANDLING Deliver Weekday
NUMBER OF PIECES 1
TOTAL SHIPMENT WEIGHT 1.00 LB
SERVICE TYPE FedEx Priority Overnight



Absolutely, positively committed to you

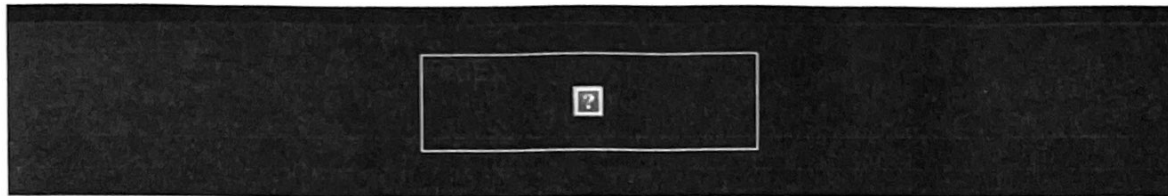
Every delivery deserves extra care. Even if it means one of our drivers takes on the role of ringbearer for a customer's wedding. We'll work to make your next delivery special too.

WATCH FEDEX IN ACTION

FOLLOW FEDEX

From: TrackingUpdates@fedex.com
To: [Bachi, Jennifer](#)
Subject: FedEx Shipment 776623289115: Your package has been delivered / 806366 - Town Mgr
Date: Friday, May 31, 2024 12:22:31 PM

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.



Hi. Your package was
delivered Fri, 05/31/2024 at
12:14pm.



OBTAIN PROOF OF DELIVERY

How was your delivery ?



TRACKING NUMBER [776623289115](#)

FROM KING OF PRUSSIA, PA, US

TO MARLBOROUGH, CT, US

SHIP DATE Thu 5/30/2024 06:00 PM

DELIVERED TO Shipping/Receiving

PACKAGING TYPE FedEx Pak

ORIGIN KING OF PRUSSIA, PA, US

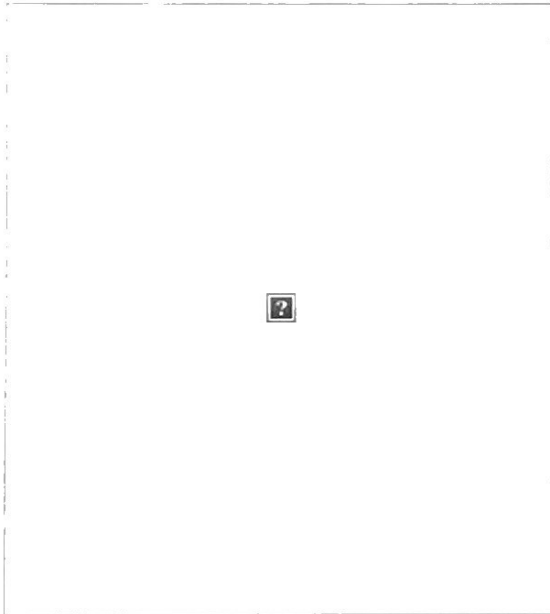
DESTINATION MARLBOROUGH, CT, US

SPECIAL HANDLING Deliver Weekday

NUMBER OF PIECES 1

TOTAL SHIPMENT WEIGHT 1.00 LB

SERVICE TYPE FedEx Priority Overnight



Absolutely, positively committed to you

Every delivery deserves extra care. Even if it means one of our drivers takes on the role of ringbearer for a customer's wedding. We'll work to make your next delivery special too.

WATCH FEDEX IN ACTION

FOLLOW FEDEX

ORIGIN ID: KPDA (610) 635-3221
JENIFER BACHI
CROWN CASTLE
3200 HORIZON DRIVE
SUITE 150
KING OF PRUSSIA, PA 19406
UNITED STATES US

SHIP DATE: 31MAY24
ACTWGT: 2.00 LB
CAD: 104924192/INET4730

BILL SENDER

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

583J41C45819AE3

NEW BRITAIN CT 06051

(860) 827-2935

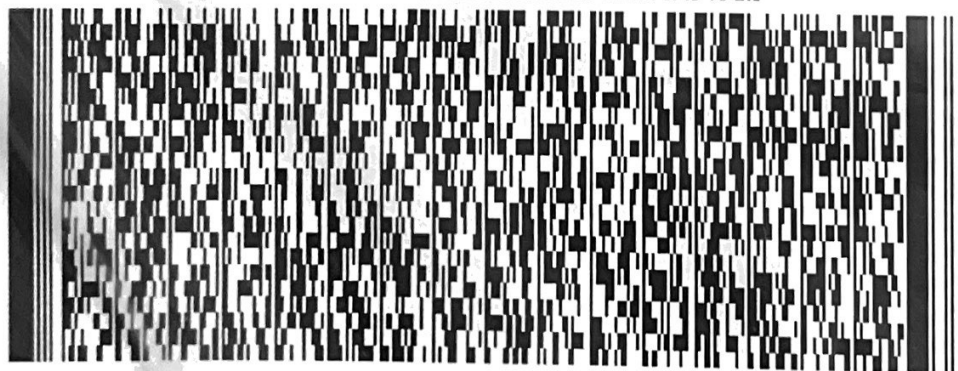
REF: 1766.668

INV:

PO: 806366_VERIZON

DEPT:

FedEx Ship Manager - Print Your Label(s)



FedEx
Express



J242024032601uv

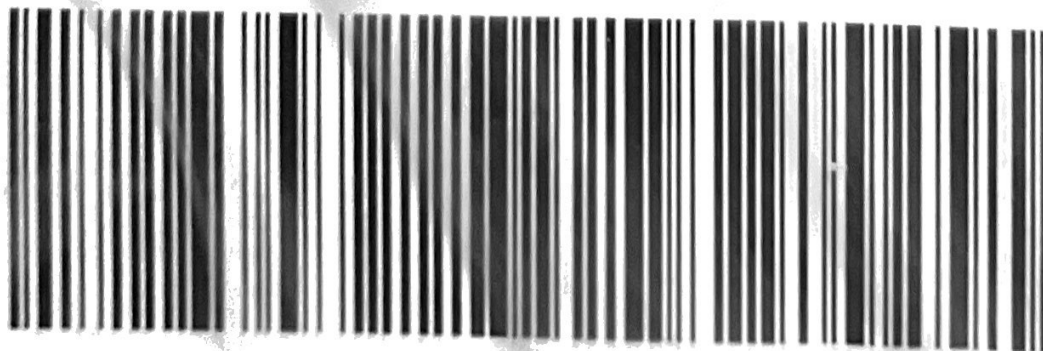
MON - 03 JUN 10:30A
PRIORITY OVERNIGHT

TRK# **7766 2338 8442**

0201

K7 BDLA

06051
CT-US BDL



58 PM