



1 Cityplace Dr, Suite 490
Creve Coeur, MO 63141

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

October 15, 2021

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

RE: **Notice of Exempt Modification for Verizon**
Crown Site ID# 876385; Verizon Site ID# 467222
Reilly Mtn. Rd. Coventry, CT 06238
Latitude: 41.801389 / Longitude: -72.328333

Ms. Bachman:

Verizon currently maintains twelve (12) antennas at the 127-foot mount on the existing 152-foot Monopole Tower located at Reilly Mountain Road Coventry, CT. The property is owned by Wallbeoff James L Jr + Concetta M Truste and the Tower by Crown Castle. Verizon now intends to replace twelve (12) existing antennas. This modification/proposal includes hardware that is both 4G(LTE) and 5G capable through remote software configuration and either or both services may be turned on or off at various times.

Planned Modifications:
Tower:

Remove and Replace:

(3) Antel LPA 80080/6CF Antennas **(REMOVE)** – Andrew - LNX-6514DS-A1M Antennas **(REPLACE)**

(3) Antel LPA 80080/6CF Antennas **(REMOVE)** - Commscope NHH-65B-R2B Antennas **(REPLACE)**

(3) Andrew SBNHH-1D65B Antennas **(REMOVE)** Commscope NHHSS-65B-R2BTO Antennas **(REPLACE)**

(3) Andrew SBNHH-1D65B Antennas **(REMOVE)** - (3) Samsung MT6407-77A Antennas **(REPLACE)**

(3) Nokia UHIC B4 RRH 2X60-4R Radios **(REMOVE)** - (3) Samsung RF4440D-13A Radios **(REPLACE)**

(3) Nokia UHBA B13 RRH 4X30 Radios **(REMOVE)** - (3) Samsung RF4439D-25A Radios **(REPLACE)**

Install New:

- (3) Samsung CBRS RRH RT4401-48A Radios
- (3) 162" Support Rail Kit
- (3) 96" Long Mount Pipe
- (2) 36" Long Mount Pipe
- (3) 36" 3x3x1/4
- (2) Site Pro 1 SQCX4-K Crossover Plat Kits

Ground:Remove:

Existing Verizon Feedlines

Install New:

- (6) Coax Cables (1 5/8")
- (2) Hybrid Cables
- (2) Hybrid Cables (6x12)

The facility was approved by Town of Coventry Planning and Zoning Commission by way of a Special Permit on August 28th 2000.

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 Julie A. Blanchard, Council Chair of the Town of Coventry and Joseph Callahan, Building Official for the Town of Coventry. A copy will also be sent to the 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.



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www.crowncastle.com

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

Sincerely,

Colin Robinson

Colin Robinson
Project Manager
NETWORK BUILDING + CONSULTING
100 Apollo Drive Suite 303
Chelmsford, MA 01824
crobinson@nbcllc.com
(360) 561-3311

cc:

Julie A. Blanchard, Chair (*Via Federal Express*)
Town of Coventry
1712 Main Street
Coventry, CT 06238
860-742-6324

Joseph Callahan, Building Official (*Via Federal Express*)
Town of Coventry
1712 Main Street
Coventry, CT 06238
860-742-4064

Wallbeoff James L Jr + Concetta M Truste (*Via Federal Express*)
C/O Degray Ami Beth
4 Knotty Pine Ln
Deerfield, VA 24432
540-939-4084

Colin Robinson

From: TrackingUpdates@fedex.com
Sent: Monday, October 18, 2021 2:35 PM
To: Colin Robinson
Subject: FedEx Shipment 284957347763: Your package has been delivered



Hi. Your package was
delivered Mon, 10/18/2021 at
2:17pm.



Delivered to 4 KNOTTY PINE LN, DEERFIELD, VA 24432

OBTAIN PROOF OF DELIVERY

TRACKING NUMBER [284957347763](#)

FROM NB+C
100 Apollo Dr.
Suite 303
CHELMSFORD, MA, US, 01824

TO Wallbeoff James L Jr
4 Knotty Pine Ln

	C/O Degray Ami Beth DEERFIELD, VA, US, 24432
REFERENCE	100788 876385 Coventry CT
SHIPPER REFERENCE	100788 876385 Coventry CT
SHIP DATE	Fri 10/15/2021 06:20 PM
DELIVERED TO	Residence
PACKAGING TYPE	FedEx Envelope
ORIGIN	CHELMSFORD, MA, US, 01824
DESTINATION	DEERFIELD, VA, US, 24432
SPECIAL HANDLING	Deliver Weekday Residential Delivery
NUMBER OF PIECES	1
TOTAL SHIPMENT WEIGHT	0.50 LB
SERVICE TYPE	FedEx Priority Overnight



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Get the flexibility you need to create shipments and request to customize your deliveries through the app.

[LEARN MORE](#)

Colin Robinson

From: TrackingUpdates@fedex.com
Sent: Monday, October 18, 2021 9:26 AM
To: Colin Robinson
Subject: FedEx Shipment 284956453250: Your package has been delivered



Hi. Your package was
delivered Mon, 10/18/2021 at
9:24am.



Delivered to 1712 MAIN ST, COVENTRY, CT 06238
Received by M.MANNING

OBTAIN PROOF OF DELIVERY

TRACKING NUMBER [284956453250](#)

FROM NB+C
100 Apollo Dr.
Suite 303
CHELMSFORD, MA, US, 01824

TO Town of Coventry
Julie A. Blanchard

	1712 Main Street COVENTRY, CT, US, 06238
REFERENCE	100788 876385 Coventry CT
SHIPPER REFERENCE	100788 876385 Coventry CT
SHIP DATE	Fri 10/15/2021 06:20 PM
DELIVERED TO	Receptionist/Front Desk
PACKAGING TYPE	FedEx Envelope
ORIGIN	CHELMSFORD, MA, US, 01824
DESTINATION	COVENTRY, CT, US, 06238
SPECIAL HANDLING	Deliver Weekday
NUMBER OF PIECES	1
TOTAL SHIPMENT WEIGHT	1.00 LB
SERVICE TYPE	FedEx Standard Overnight



Download the FedEx® Mobile app

Get the flexibility you need to create shipments and request to customize your deliveries through the app.

[LEARN MORE](#)

FOLLOW FEDEX

Colin Robinson

From: TrackingUpdates@fedex.com
Sent: Monday, October 18, 2021 9:26 AM
To: Colin Robinson
Subject: FedEx Shipment 284957099730: Your package has been delivered



Hi. Your package was
delivered Mon, 10/18/2021 at
9:24am.



Delivered to 1712 MAIN ST, COVENTRY, CT 06238
Received by M.MANNING

OBTAIN PROOF OF DELIVERY

TRACKING NUMBER [284957099730](#)

FROM NB+C
100 Apollo Dr.
Suite 303
CHELMSFORD, MA, US, 01824

TO Building Official
Joseph Callahan

	1712 Main Street Town of Coventry COVENTRY, CT, US, 06238
REFERENCE	100788 876385 Coventry CT
SHIPPER REFERENCE	100788 876385 Coventry CT
SHIP DATE	Fri 10/15/2021 06:20 PM
DELIVERED TO	Receptionist/Front Desk
PACKAGING TYPE	FedEx Envelope
ORIGIN	CHELMSFORD, MA, US, 01824
DESTINATION	COVENTRY, CT, US, 06238
SPECIAL HANDLING	Deliver Weekday
NUMBER OF PIECES	1
TOTAL SHIPMENT WEIGHT	1.00 LB
SERVICE TYPE	FedEx Standard Overnight



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Get the flexibility you need to create shipments and request to customize your deliveries through the app.

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Exhibit A

Original Facility Approval

By: Pollansky

Seconded: Terry

Motion carried with the following vote:

For: Unanimous

Against: None

Abstain: None

3. Town of Andover - P&Z referral re: Planned residential development for older persons - Bear Swamp Road.

Trott briefly reviewed this project for 9 buildings (31 total units) of elderly housing on 18.2 acres off of Bear Swamp Road in Andover. This proposed project has no significant impact to the Town of Coventry.

NEW BUSINESS -

None.

DECISIONS -

1. 00-18S - Special permit application of Sprint Spectrum, LP (DBA Sprint PCS); to establish a telecommunications facility, 150' monopole, and associated ground equipment; property located on Riley Mountain Road (Assessor's Map 11, Block 29-A, Lots 2,3); RU-40 Zone.

MOTION: The Planning and Zoning Commission here by approves 00-18S - Special permit application of Sprint Spectrum, LP (DBA Sprint PCS); to establish a telecommunications facility, 150' monopole, and associated ground equipment; property located on Riley Mountain Road (Assessor's Map 11, Block 29-A, Lots 2,3); RU-40 Zone, with the following conditions:

1. The pole is to be expandable for possible future use.
2. The amount of carriers on the 150' pole is to be 6 rather than 3.
3. The Town of Coventry has access to public safety communication.

By: Pollansky

Seconded: Terry

Motion carried with the following vote:

For: Unanimous

Against: None

Abstain: None

4. 00-19ZR - Zoning amendment application of William and Karen Mudano to revise Sections 2.6.1.a, 2.6.2.a, 3.4.1, and 16 (River Aquifer Zone) of the zoning regulations.

There was further discussion of Merisotis' concerns that the proposed amendments may be contrary to the goals for the RA Zone. It was his opinion that these proposals would not add to the protection of the zone, but would increase the property value and facilitate the potential of subdivision. Pollansky felt that the RA Zone is sufficiently protected within the regulations, allowing for a large house would not reduce this protection. Pollansky felt it was unlikely that the proposed changes would significantly change the value of property in the zone.



Town of Coventry

1712 Main Street • Coventry, CT 06238 • Fax (860) 742-8911

CT 33X055
JW

CERTIFIED MAIL # 7099 3400 0007 2017 0083

September 6, 2000

Attorney Thomas J. Regan, Esq.
Brown, Rudnik, Freed, and Gesmer
185 Asylum Street
Hartford CT 06107

Dear Attorney Regan:

At its regular meeting on August 28, 2000, the Coventry Planning and Zoning Commission made the following decision:

To approve application 00-18S of Sprint Spectrum, LP (DBA sprint PCS), to establish a telecommunications facility, 150' monopole, and associated ground equipment; property located on Riley Mountain Road (Assessor's Map 11, Block 29-A, Lots 2,3); RU-40 Zone.

The following conditions apply:

1. The pole is to be expandable for possible future use.
2. The amount of carriers on the 150' pole is to be six rather than three.
3. The town of Coventry has access to public safety communication.

I wish to remind you that you must file an 8-3d form with the Town Clerk's office in addition to final mylar(s) of the approved plan. Please see the attached information for further instruction. Also, it is requested that you place this approval letter on the final plans.

Sincerely,

Eric M. Trott
Director of Planning and Development

EMT/lpe

/enclosure

cc: Sprint Spectrum, L.P.
Goodkind & O'Dea, Inc.
James Wallbeoff, Jr.

00-185 UPRINT

POST APPROVAL GUIDE FOR SPECIAL PERMIT/EXCEPTION OR VARIANCE

If you have received approval from the Coventry Zoning Board of Appeals or the Planning and Zoning Commission for a special permit/exception or variance, the following requirements must be completed before the issuance of a zoning permit:

FOR SPECIAL EXCEPTION, PERMIT, OR *VARIANCE:

1. An 8-3d form of approval must be filed with the Town Clerk's office. The form cannot be filed until the fifteen day appeal period has ended (15 days from the date of legal notice publication; not date of Commission/Board approval). The form will be prepared at the Planning office and available for filing after September 16, 2000 (There is a filing fee which you pay at the Clerk's office at the time you file the 8-3d form).

FOR SPECIAL EXCEPTION/PERMIT:

1. You must file a Mylar of final plans with the Town Clerk's office within 90 days of approval date. However, the Mylar cannot be filed until after the fifteen day appeal period has ended, which will be after September 16, 2000 (There is a filing fee which you pay at the Clerk's office at the time you file the Mylar.)

Section 4.3.c.5 of the zoning regulations states:

Endorsement and Filing. Within sixty-five days of the Commission/Board approval, the applicant shall submit one (1) set of final plans on Mylar and six (6) sets on paper (please note: in some cases we may accept three (3) copies for special exceptions), reflecting all conditions or modifications required by the Commission/Board, and accompanied by signed, sworn statements of the applicant's land surveyor, engineer, architect, and any other professional who has participated in the preparation of the application materials, to the effect that the plans submitted are the same as those approved by the Commission/Board except for the depiction of modifications and conditions required by the Commission/Board in its approval vote. If, upon considering the statements and reviewing the plans submitted, the Commission/Board shall find them to be in accordance with the final approval, they shall be endorsed by the signature of the Chairman, Vice-Chairman, or Secretary of the Commission/Board, as the case may be. Thereafter, it shall be the responsibility of the applicant to file one (1) set of endorsed Mylar plans in the office of the Town Clerk. In accordance with Section 8-3d of the Connecticut General Statutes, no Special Permit/Exception shall be effective until the final, endorsed plans are filed with the Town Clerk, and any plans not so filed within ninety (90) days following the Commission's/Board's vote of approval shall become null and void. Any Special Permit/Exception site plan filed in the Town Clerk's office without the endorsement of the Commission's/Board's Chairman, Vice-Chairman, or Secretary shall likewise be void.

*In the case where a variance has been granted, it is recommended that if you have not already done so, you may want to submit your application for building permit and zoning permit to the Building office prior to the appeal period ending. This may possibly help to speed up your application process/review and avoid a delay in obtaining your permits.

Revised 03/10/98

Exhibit B

Property Card

BOSTON TPK

Location	BOSTON TPK	Mblu	17 / / 6 / /
Acct#	R05867	Owner	WALLBEOFF JAMES L JR + CONCETTA M TRUSTE
PBN		Assessment	\$2,600
Appraisal	\$150,600	PID	5628
Building Count	1		

Current Value

Appraisal			
Valuation Year	Improvements	Land	Total
2019	\$0	\$150,600	\$150,600
Assessment			
Valuation Year	Improvements	Land	Total
2019	\$0	\$2,600	\$2,600

Owner of Record

Owner	WALLBEOFF JAMES L JR + CONCETTA M TRUSTE	Sale Price	\$0
Co-Owner	C/O DEGRAY AMI BETH	Certificate	
Address	4 KNOTTY PINE LN DEERFIELD, VA 24432	Book & Page	0770/0286
		Sale Date	09/23/2002
		Instrument	29

Ownership History

Ownership History					
Owner	Sale Price	Certificate	Book & Page	Instrument	Sale Date
WALLBEOFF JAMES L JR + CONCETTA M TRUSTE	\$0		0770/0286	29	09/23/2002

Building Information

Building 1 : Section 1

Year Built:	
Living Area:	0
Replacement Cost:	\$0

Building Percent Good:

Replacement Cost

Less Depreciation: \$0

Building Attributes	
Field	Description
Style	Vacant Land
Model	
Grade:	
Story Height	
Occupancy	
Exterior Wall 1	
Exterior Wall 2	
Roof Structure:	
Roof Cover	
Interior Wall 1	
Interior Wall 2	
Interior Flr 1	
Interior Flr 2	
Heat Fuel	
Heat Type:	
AC Type:	
Total Bedrooms:	
Total Bthrms:	
Total Half Baths:	
Extra Fixtures	
Total Rooms:	
Bath Style:	
Kitchen Style:	
Num Kitchens	
Bsmt Gar	
Usrflid 103	
Usrflid 104	
Fire_Places	
Usrflid 106	
Usrflid 107	
Num Park	
Fireplaces	
Usrflid 108	
Usrflid 101	
Usrflid 102	
Usrflid 100	
Usrflid 300	

Building Photo



(http://images.vgsi.com/photos/CoventryCTPhotos//default.jpg)

Building Layout

(ParcelSketch.ashx?pid=5628&bid=5628)

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

Usrflid 301	
Usrflid 302	
Usrflid 304	
Fndtn Cndtn	
Basement	
Usrflid 701	
Usrflid 305	
Usrflid 900	
Usrflid 901	
Usrflid 303	

Extra Features

Extra Features	Legend
No Data for Extra Features	

Land

Land Use	Land Line Valuation
Use Code 608	Size (Acres) 28.58
Description Forest	Frontage
Zone GR80	Depth
Neighborhood	Assessed Value \$2,600
Alt Land Appr No	Appraised Value \$150,600
Category	

Outbuildings

Outbuildings	Legend
No Data for Outbuildings	

Valuation History

Appraisal			
Valuation Year	Improvements	Land	Total
2018	\$0	\$156,000	\$156,000
2018	\$0	\$156,000	\$156,000
2017	\$0	\$156,000	\$156,000

Assessment			
Valuation Year	Improvements	Land	Total
2018	\$0	\$2,600	\$2,600
2018	\$0	\$2,600	\$2,600

2017	\$0	\$2,600	\$2,600
------	-----	---------	---------

Exhibit C

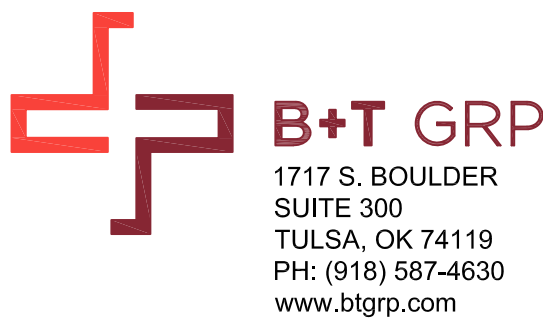
Construction Drawings



VERIZON SITE NUMBER: 467222
VERIZON SITE NAME: COVENTRY NORTH CT
SITE TYPE: MONOPOLE
TOWER HEIGHT: 152'-0"

BUSINESS UNIT #: 876385
SITE ADDRESS: REILLY MTN. RD.
COVENTRY, CT 06238
COUNTY: TOLLAND
JURISDICTION: CONNECTICUT
SITING COUNCIL

VERIZON 5G L-SUB6 - CARRIER ADD



VERIZON SITE NUMBER:
467222

BU #: 876385
N. COVENTRY /
WALLBEOFF

REILLY MTN. RD.
COVENTRY, CT 06238

EXISTING 152'-0" MONOPOLE

SITE INFORMATION

CROWN CASTLE USA INC. N. COVENTRY / WALLBEOFF
SITE NAME:
SITE ADDRESS: REILLY MTN. RD.
COVENTRY, CT 06238
COUNTY: TOLLAND
MAP/PARCEL #: 5628
AREA OF CONSTRUCTION: EXISTING
LATITUDE: 41.801389°
LONGITUDE: -72.328333°
LAT/LONG TYPE: NAD83
GROUND ELEVATION: 711'
CURRENT ZONING: GENERAL RESIDENTIAL ZONE 80
JURISDICTION: CONNECTICUT SITING COUNCIL
OCCUPANCY CLASSIFICATION: U
TYPE OF CONSTRUCTION: IIB
A.D.A. COMPLIANCE: FACILITY IS UNMANNED AND NOT FOR
HUMAN HABITATION
PROPERTY OWNER: WALLBEOFF JAMES L JR + CONCETTAM TRUSTEE
4 KONTTY PINE LN
DEERFIELD VA 24432
TOWER OWNER: CROWN CASTLE
2000 CORPORATE DRIVE
CANONSBURG, PA 15317
CARRIER/APPLICANT: VERIZON WIRELESS
180 WASHINGTON VALLEY ROAD
BEDMINSTER, NJ 07921
ELECTRIC PROVIDER: NOT PROVIDED
TELCO PROVIDER: NOT PROVIDED

DRAWING INDEX

SHEET #	SHEET DESCRIPTION
T-1	TITLE SHEET
T-2	GENERAL NOTES
C-1	SITE PLAN
C-2	TOWER ELEVATION & ANTENNA PLANS
C-3	EQUIPMENT SCHEDULES
C-4	EQUIPMENT DETAILS
C-5 - C-5.1	EQUIPMENT DETAILS
C-6	PLUMBING DIAGRAM
G-1	GROUNDING DETAILS
G-2	GROUNDING DETAILS

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

APPROVALS

SIGNATURE	DATE
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

CONTRACTOR PMI REQUIREMENTS

PMI ACCESSED AT	https://pmi.vxwsmart.com
SMART TOOL VENDOR	
PROJECT NUMBER	10091167
VzW LOCATION CODE (PSLC)	16272145
*** PMI AND REQUIREMENTS ALSO EMBEDDED IN MOUNT ANALYSIS REPORT	

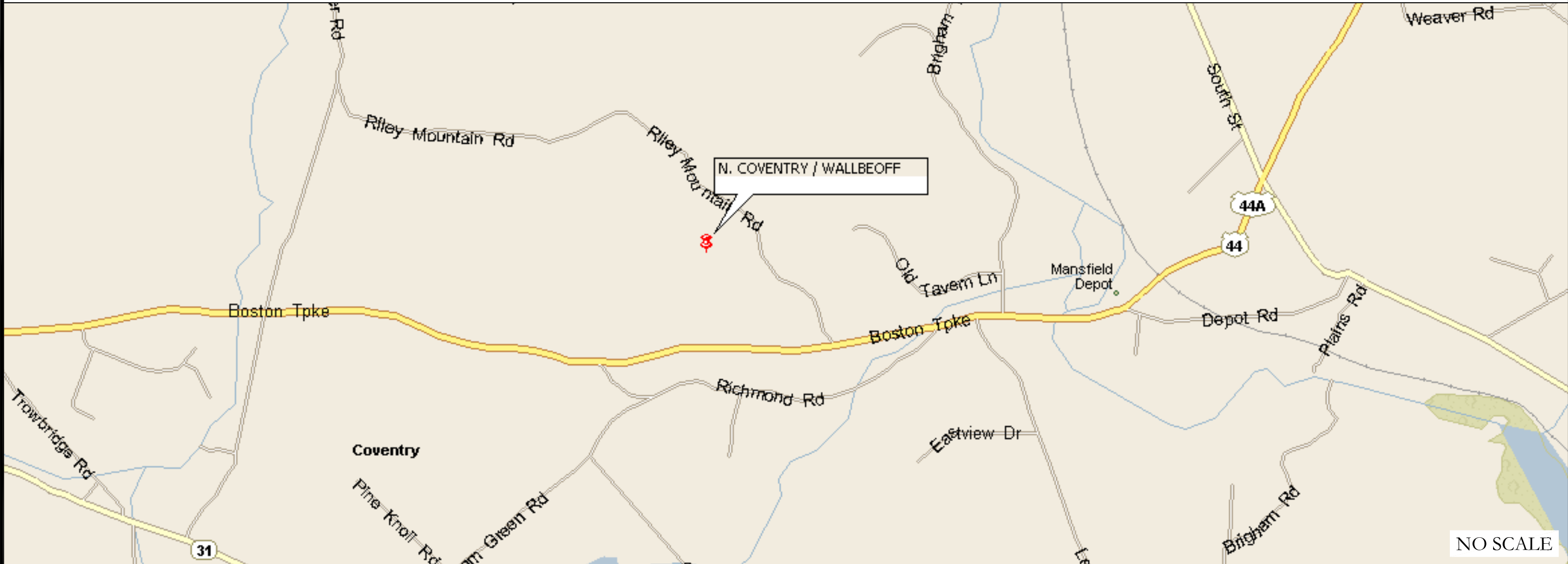
MOUNT MODIFICATION REQUIRED

Y

VzW APPROVED SMART KIT VENDORS

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

LOCATION MAP



DRIVING DIRECTIONS FROM VERIZON LOCAL OFFICE (179 DEMING ST UNIT 10, MANCHESTER, CT 06042, US)
CONTINUE TO AVERY ST, HEAD SOUTHEAST TOWARD AVERY ST, TURN LEFT TOWARD AVERY ST, TURN RIGHT TOWARD AVERY ST, FOLLOW I-84 E, CT-31 S AND US-44 E TO N RIVER RD IN COVENTRY, TURN RIGHT ONTO AVERY ST, TURN LEFT AT THE 1ST CROSS STREET ONTO CT-30 N, USE THE LEFT 2 LANES TO TURN LEFT TO MERGE ONTO I-84 E, TAKE EXIT 67 FOR CT-31, TURN RIGHT ONTO CT-31 S, TURN LEFT ONTO US-44 E, DRIVE TO RILEY MOUNTAIN RD, TURN LEFT ONTO N RIVER RD, SHARP RIGHT ONTO RILEY MOUNTAIN RD.

APPLICABLE CODES/REFERENCE DOCUMENTS

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

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

REFERENCE DOCUMENTS:

STRUCTURAL ANALYSIS:	TEP
DATED:	8/16/21
MOUNT ANALYSIS:	MASER CONSULTING CONNECTICUT
DATED:	8/9/21
RFDS REVISION:	N/A
DATED:	9/3/21
ORDER ID:	583158
REVISION:	2



CALL CONNECTICUT ONE CALL
(800) 922-4455 CBYD.COM
CALL 2 WORKING DAYS
BEFORE YOU DIG!



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 (12) ANTENNAS
- REMOVE (6) RADIOS
- REMOVE (6) COAX CABLES
- INSTALL (12) ANTENNAS
- INSTALL (9) RADIOS
- INSTALL (3) 162" LONG, P2 1/2 STD SUPPORT RAIL KIT
- INSTALL (3) 96" LONG, P2 1/2 STD MOUNT PIPES
- INSTALL (2) 36" LONG, P2 STD MOUNT PIPES
- INSTALL (3) 36" LONG, 3x3x1/4
- INSTALL (2) SITE PRO 1 SQCX4-K CROSSOVER PLATE KITS

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



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

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

SHEET NUMBER:

T-1

REVISION:

1

CROWN CASTLE USA INC. SITE ACTIVITY REQUIREMENTS:

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

GREENFIELD GROUNDING NOTES:

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

GENERAL NOTES:

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

CONCRETE, FOUNDATIONS, AND REINFORCING STEEL:

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

ELECTRICAL INSTALLATION NOTES:

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

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

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

ABBREVIATIONS:

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



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N. COVENTRY /
WALLBEOFF

REILLY MTN. RD.
COVENTRY, CT 06238

EXISTING 152'-0" MONOPOLE

ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	DES./QA
0	9/2/21	STH	CONSTRUCTION	STH
1	9/17/21	TDG	CONSTRUCTION	MTJ



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

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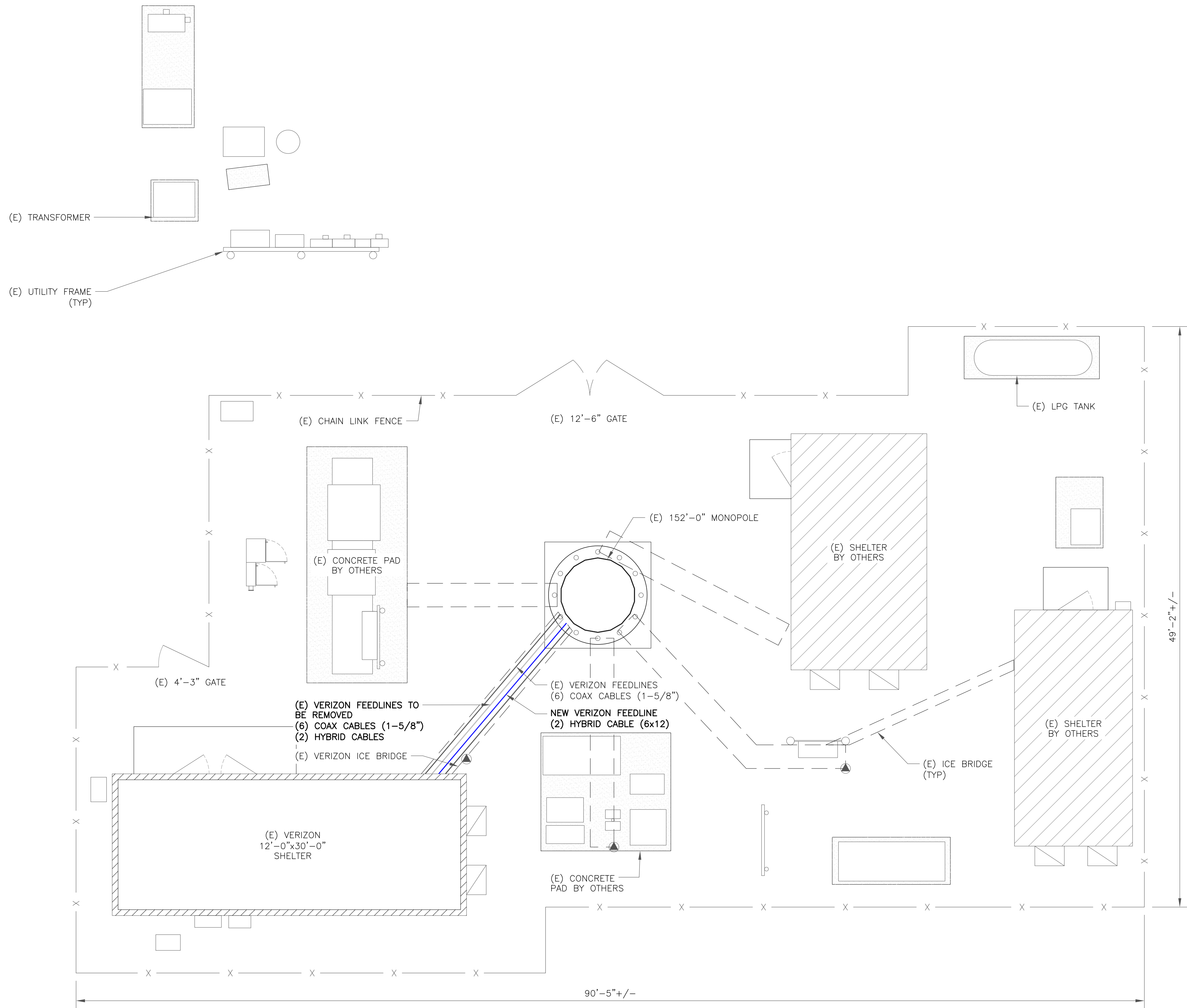
SHEET NUMBER:

T-2

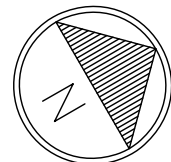
REVISION:

1

100172.008.01_N. COVENTRY_WALLBEOFF.dwg -- Sheet: C-1 -- User: m.jones -- Sep 17, 2021 -- 9:30am



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



verizon
180 WASHINGTON VALLEY ROAD
BEDMINSTER, NJ 07921

CROWN CASTLE
1500 CORPORATE DRIVE
CANONSBURG, PA 15317

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

VERIZON SITE NUMBER:
467222

BU #: **876385**
N. COVENTRY /
WALLBEOFF

REILLY MTN. RD.
COVENTRY, CT 06238

EXISTING 152'-0" MONOPOLE

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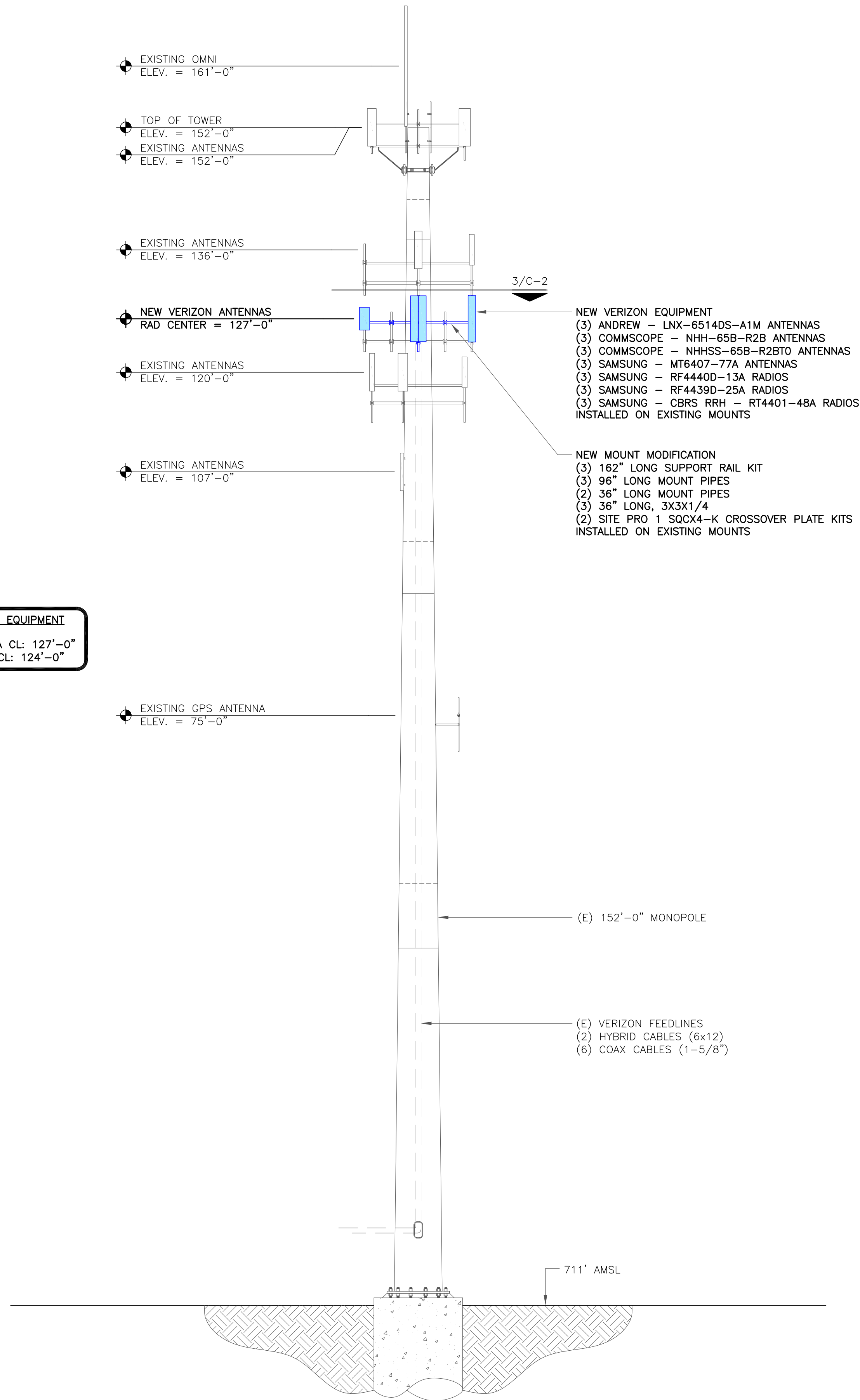
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C-1

REVISION:

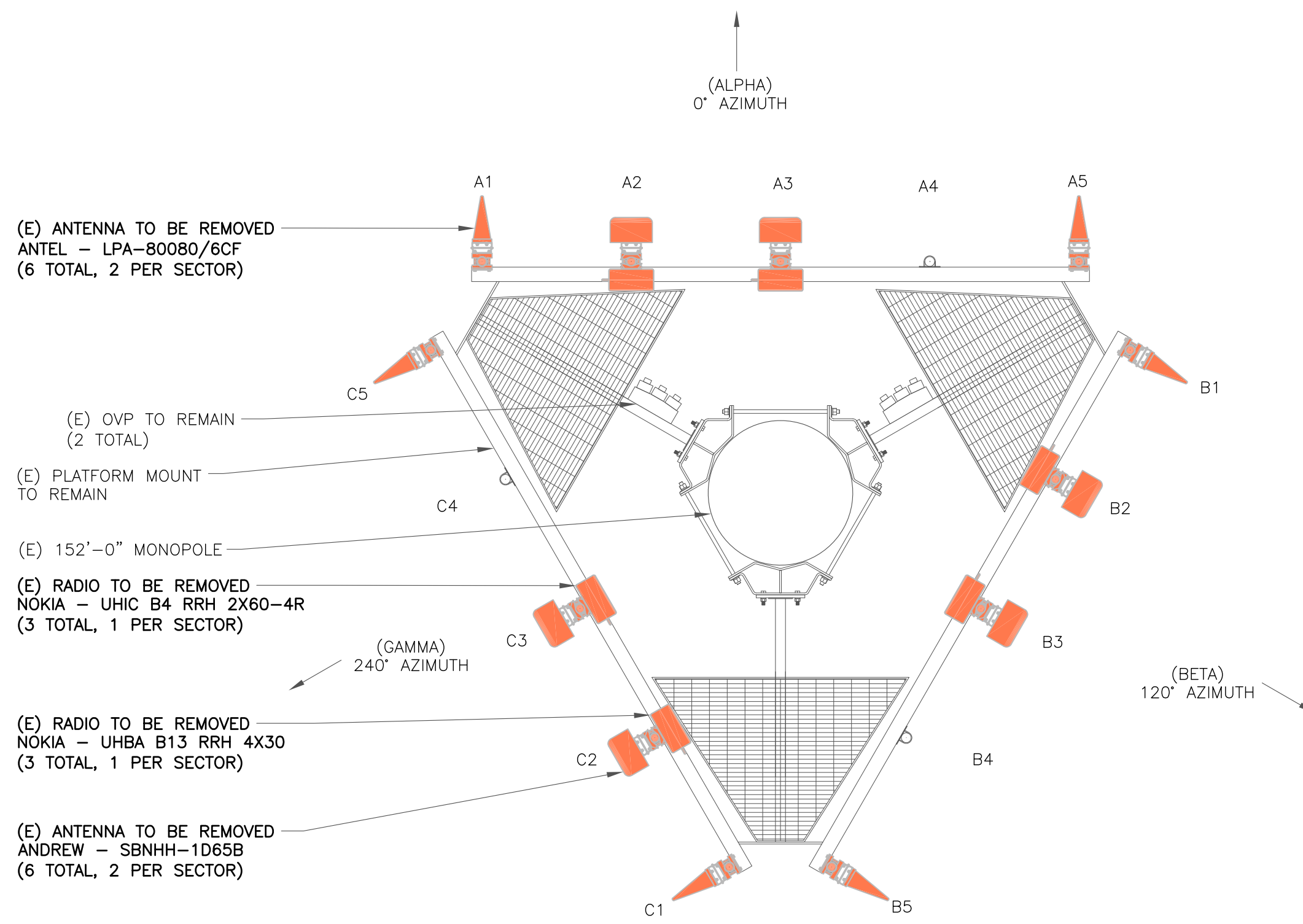
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100172.008.01_N_COVENTRY_WALLBEOFF.dwg - Sheet: C-2 - User: mjonas - Sep 17, 2021 - 9:30am

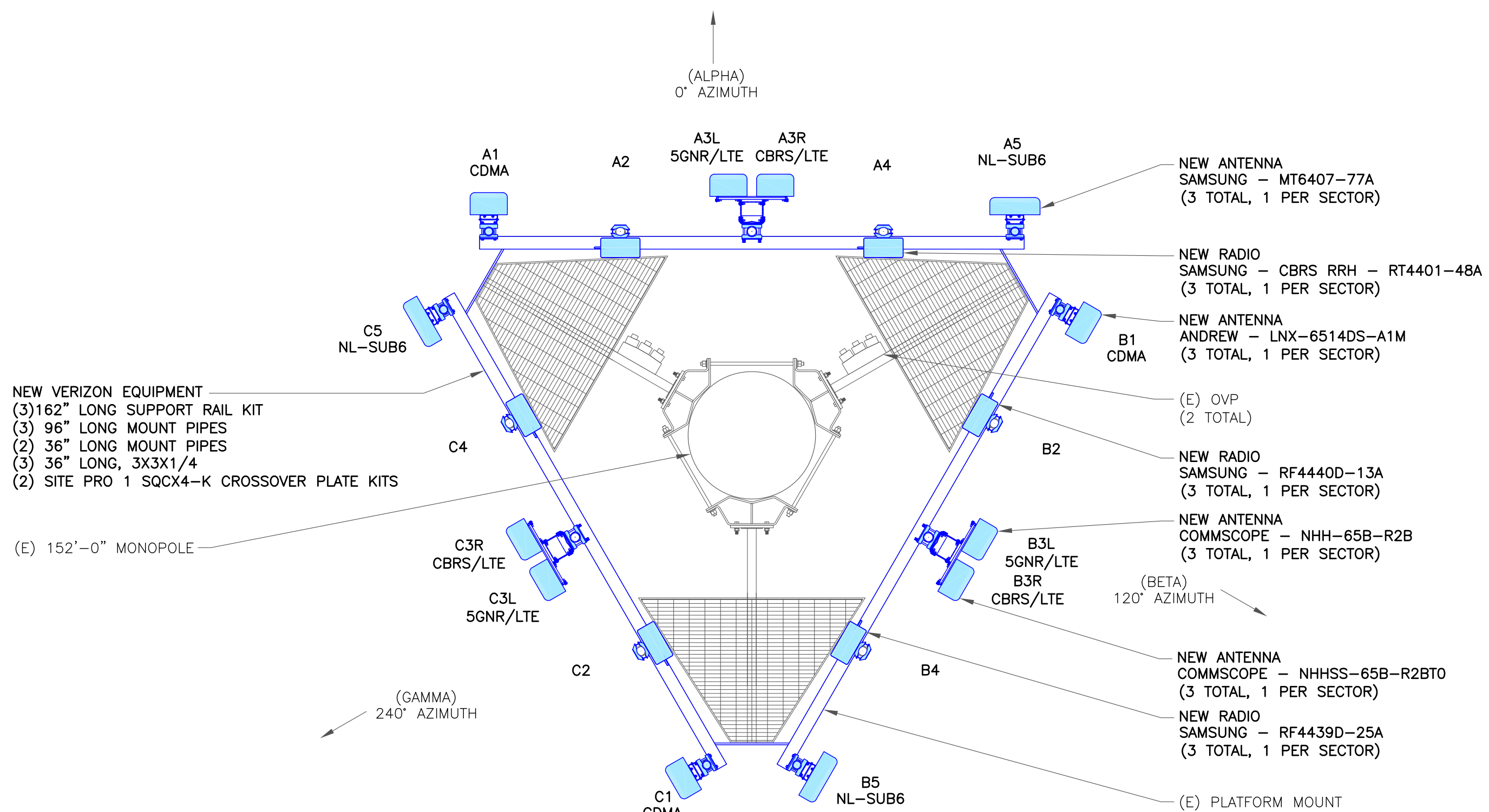


VERIZON EQUIPMENT
ANTENNA CL: 127'-0"
MOUNT CL: 124'-0"

1 TOWER ELEVATION
SCALE: NOT TO SCALE



2 EXISTING ANTENNA PLAN
SCALE: NOT TO SCALE



3 NEW ANTENNA PLAN
SCALE: NOT TO SCALE

verizon
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SHEET NUMBER:

C-2

REVISION:

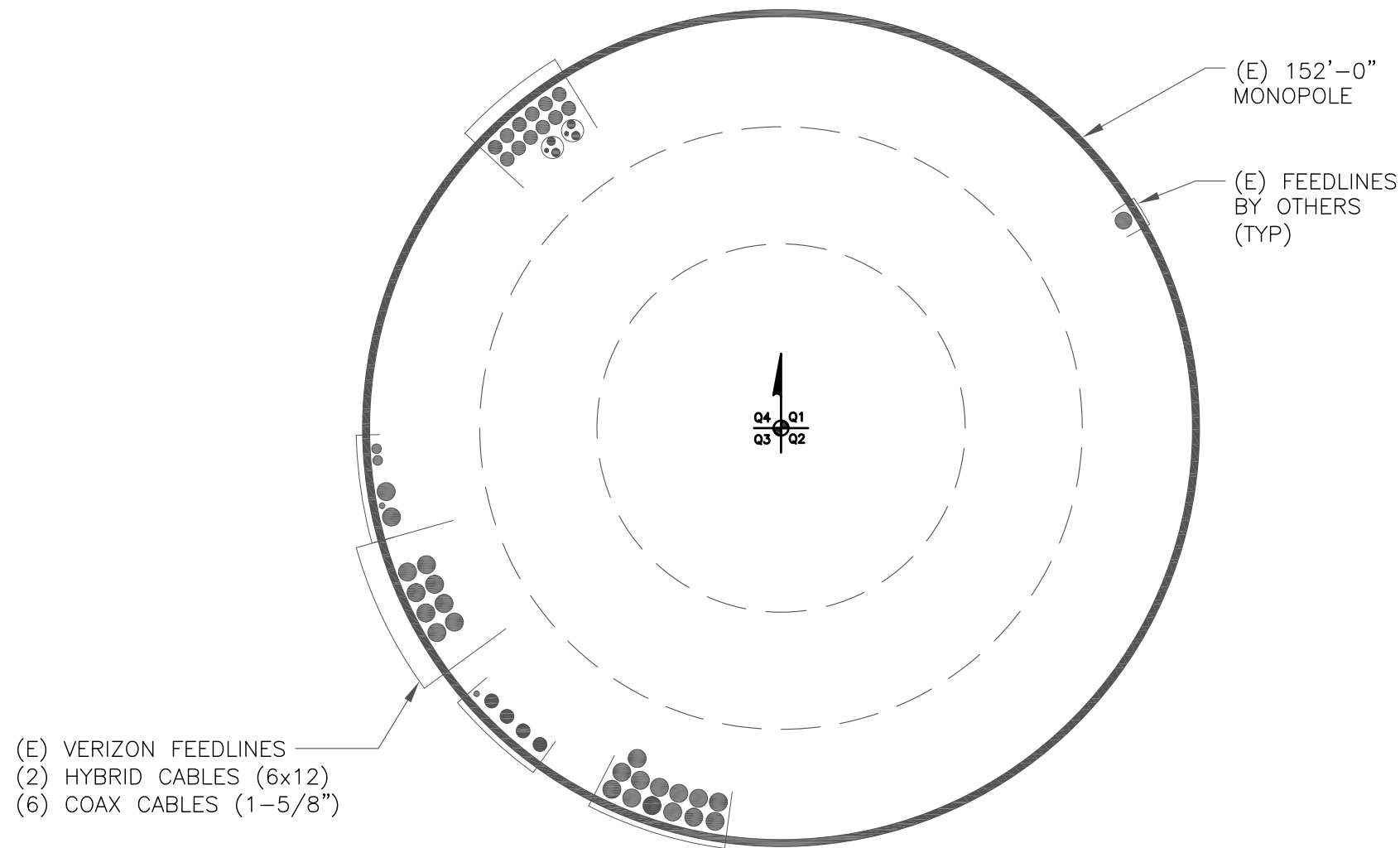
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100172.008.01_N_COVENTRY_WALLBEOFF.dwg -- Sheet:C-3 -- User: mjonas -- Sep 17, 2021 -- 9:30am

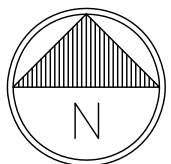
ANTENNA/RRH SCHEDULE									
SECTOR	STATUS	ANTENNA MANUFACTURER	ANTENNA MODEL	ANTENNA CENTERLINE	AZIMUTH	MECHANICAL DOWNTILTS	ELECTRICAL DOWNTILTS	TOWER EQUIPMENT MANUFACTURER	TOWER EQUIPMENT QTY/MODEL
A1	NEW	ANDREW	LNx-6514DS-A1M	127'-0"	0°	0°	4°	RAYCAP	(1) 6 OVP
A2	-	-	EMPTY MOUNT PIPE	-	-	-	-	-	-
A3L	NEW	COMMSCOPE	NHH-65B-R2B	127'-0"	0°	0°	6°/6°/2°	SAMSUNG	(1) RF4440D-13A
A3R	NEW	COMMSCOPE	NHHSS-65B-R2BT0	127'-0"	0°	0°	0°/2°	SAMSUNG SAMSUNG	(1) RF4439D-25A (1) CBRs RRH - RT4401-48A
A4	-	-	EMPTY MOUNT PIPE	-	-	-	-	-	-
A5	NEW	SAMSUNG	MT6407-77A	127'-0"	0°	0°	6°	-	-
B1	NEW	ANDREW	LNx-6514DS-A1M	127'-0"	120°	0°	4°	RAYCAP	(1) 6 OVP
B2	-	-	EMPTY MOUNT PIPE	-	-	-	-	-	-
B3L	NEW	COMMSCOPE	NHH-65B-R2B	127'-0"	120°	0°	9°/9°/3°	SAMSUNG	(1) RF4440D-13A
B3R	NEW	COMMSCOPE	NHHSS-65B-R2BT0	127'-0"	120°	0°	0°/3°	SAMSUNG SAMSUNG	(1) RF4439D-25A (1) CBRs RRH - RT4401-48A
B4	-	-	EMPTY MOUNT PIPE	-	-	-	-	-	-
B5	NEW	SAMSUNG	MT6407-77A	127'-0"	120°	0°	6°	-	-
C1	NEW	ANDREW	LNx-6514DS-A1M	127'-0"	240°	0°	0°	-	-
C2	-	-	EMPTY MOUNT PIPE	-	-	-	-	-	-
C3L	NEW	COMMSCOPE	NHH-65B-R2B	127'-0"	240°	0°	2°/2°/1°	SAMSUNG	(1) RF4440D-13A
C3R	NEW	COMMSCOPE	NHHSS-65B-R2BT0	127'-0"	240°	0°	0°/1°	SAMSUNG SAMSUNG	(1) RF4439D-25A (1) CBRs RRH - RT4401-48A
C4	-	-	EMPTY MOUNT PIPE	-	-	-	-	-	-
C5	NEW	SAMSUNG	MT6407-77A	127'-0"	240°	0°	6°	-	-

1 VERIZON TOWER EQUIPMENT SCHEDULE
SCALE: NOT TO SCALE

CABLE SCHEDULE				
STATUS	CABLE TYPE	SIZE	LENGTH	QTY
EXISTING	COAX	1-5/8"	176'-0"±	6
EXISTING	HYBRID	6x12	176'-0"±	2
TOTAL CABLE QTY:				8



2 BASE LEVEL DETAIL
SCALE: NOT TO SCALE





180 WASHINGTON VALLEY ROAD
BEDMINSTER, NJ 07921



1500 CORPORATE DRIVE
CANONSBURG, PA 15317



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

VERIZON SITE NUMBER:
467222

BU #: **876385**
N. COVENTRY /
WALLBEOFF

REILLY MTN. RD.
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Expires 2/10/22

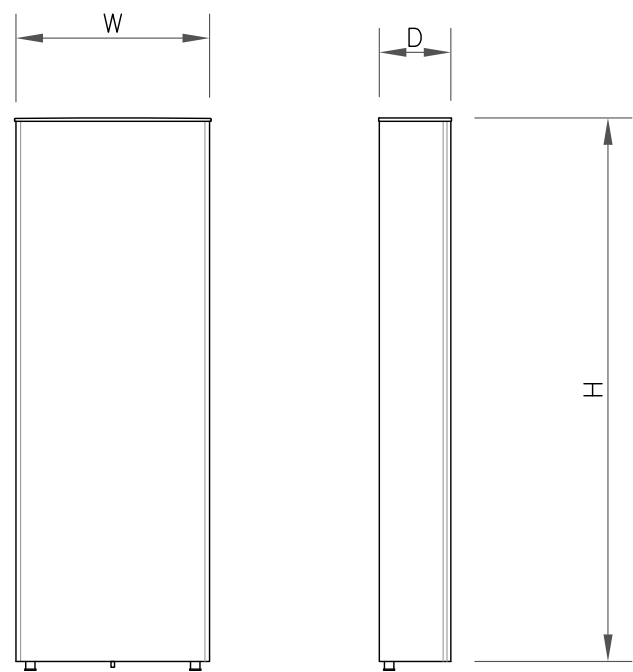
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SHEET NUMBER:

C-3

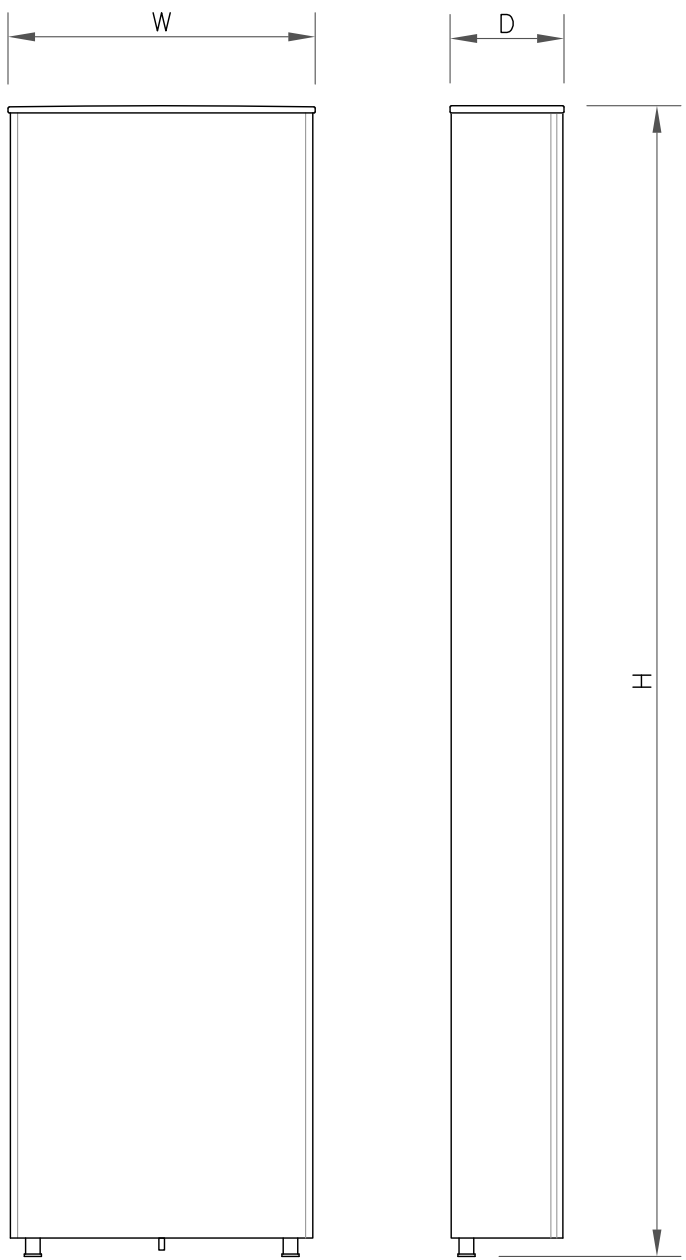
REVISION:

1



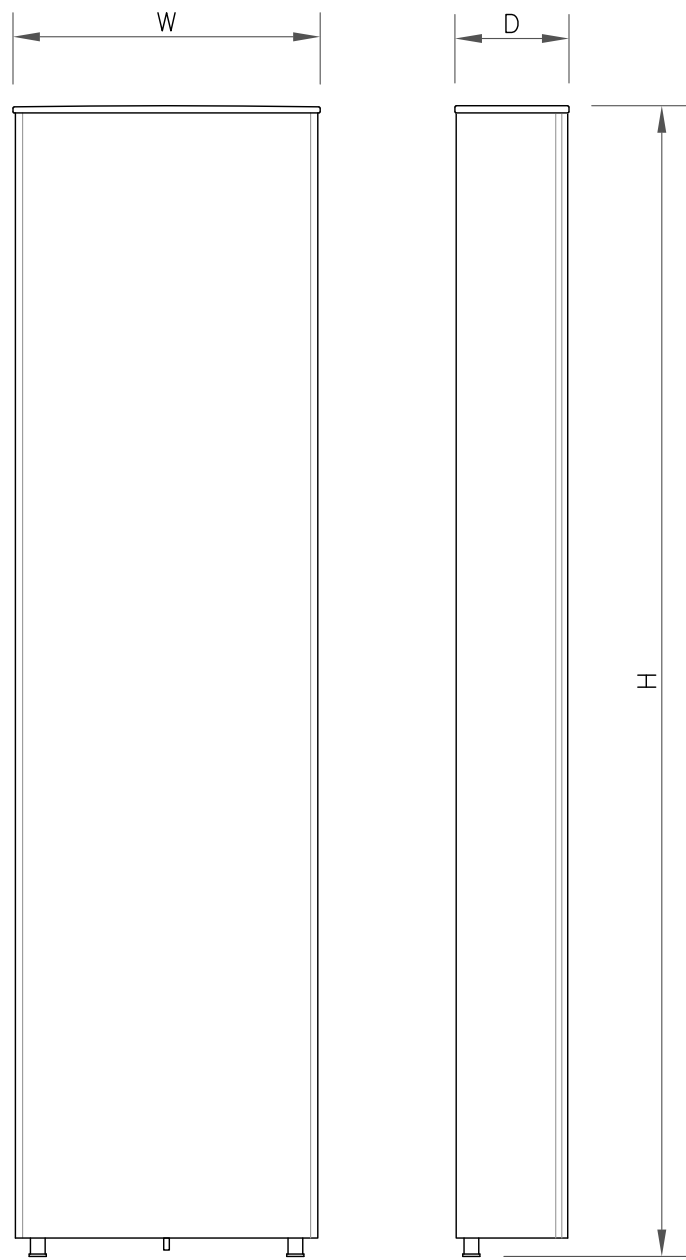
ANTENNA SPECS	
MANUFACTURER	SAMSUNG
MODEL #	MT6407-77A
WIDTH	16.06"
DEPTH	5.51"
HEIGHT	35.06"
WEIGHT	81.57 LBS

1 ANTENNA SPECS
SCALE: NOT TO SCALE



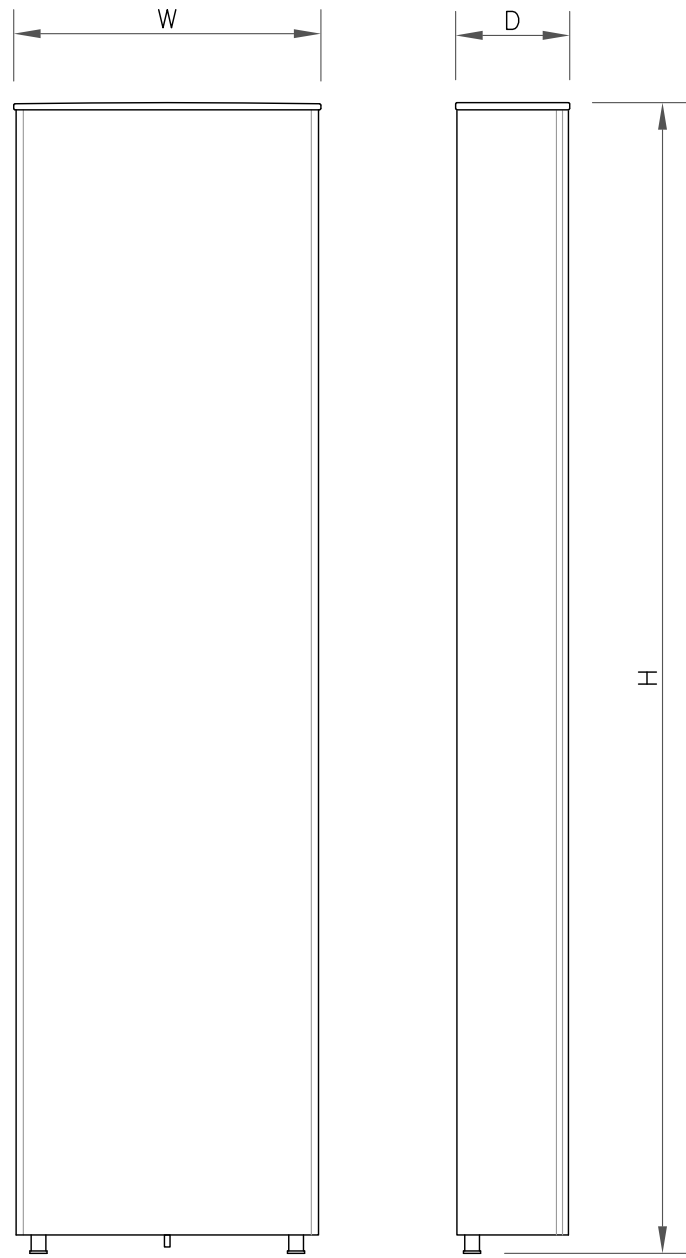
ANTENNA SPECS	
MANUFACTURER	COMMSCOPE
MODEL #	NHHSS-65C-R2BT0
WIDTH	11.90"
DEPTH	7.10"
HEIGHT	72"
WEIGHT	65.5 LBS

2 ANTENNA SPECS
SCALE: NOT TO SCALE



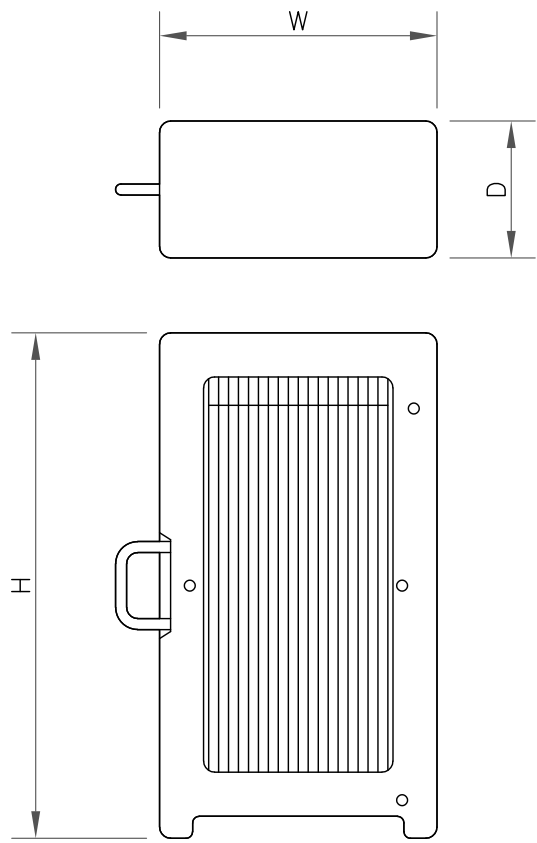
ANTENNA SPECS	
MANUFACTURER	COMMSCOPE
MODEL #	NHH-65B-R2B
WIDTH	11.90"
DEPTH	7.10"
HEIGHT	72"
WEIGHT	43.70 LBS

3 ANTENNA SPECS
SCALE: NOT TO SCALE



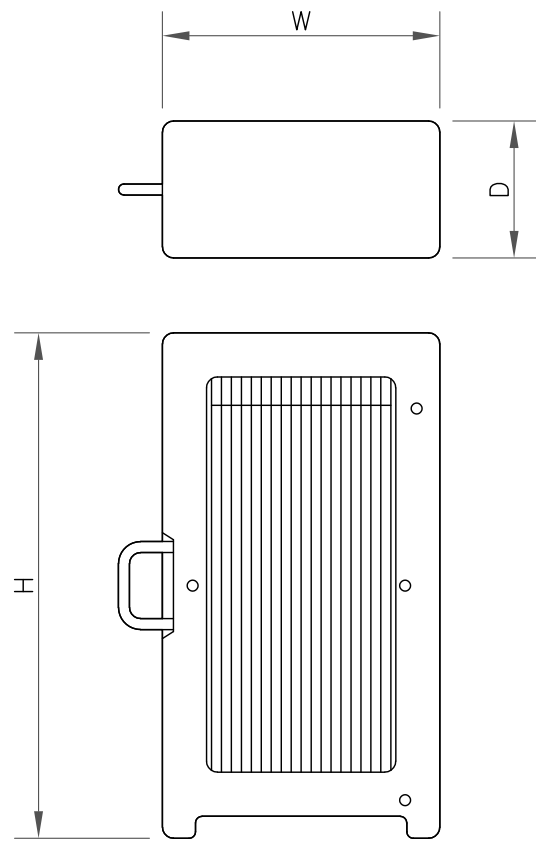
ANTENNA SPECS	
MANUFACTURER	ANDREW
MODEL #	LNx-6514DS-A1M
WIDTH	11.90"
DEPTH	7.10"
HEIGHT	72.70"
WEIGHT	38.80 LBS

4 ANTENNA SPECS
SCALE: NOT TO SCALE



RRU SPECIFICATIONS	
MANUFACTURER	SAMSUNG
MODEL #	CBRS RRH - RT4401-48A
WIDTH	8.55"
DEPTH	4.15"
HEIGHT	13.91"
WEIGHT	18.64 LBS

5 RRU SPECS
SCALE: NOT TO SCALE



RRU SPECIFICATIONS	
MANUFACTURER	SAMSUNG
MODEL #	RF4440d-13A
WIDTH	14.96"
DEPTH	9.06"
HEIGHT	14.96"
WEIGHT	72.50 LBS

6 RRU SPECS
SCALE: NOT TO SCALE

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VERIZON SITE NUMBER:
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Professional Engineer

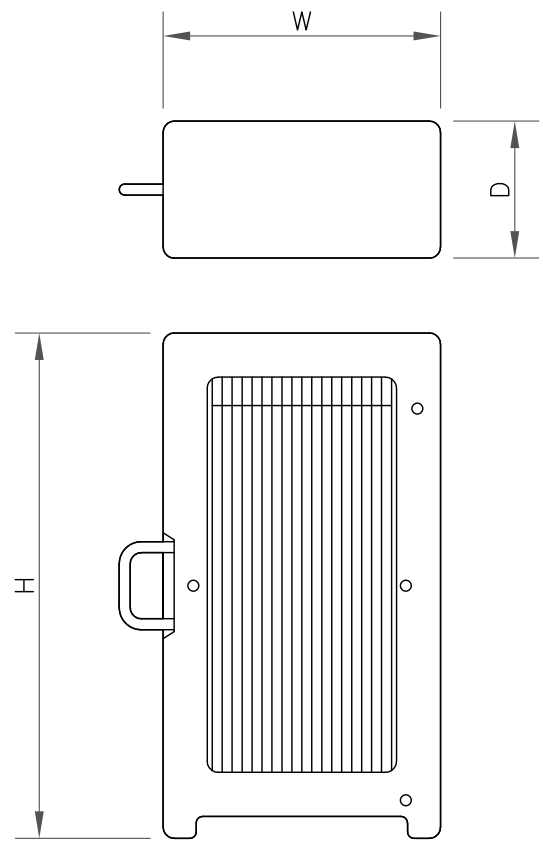
9/17/21

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RRU SPECIFICATIONS	
MANUFACTURER	SAMSUNG
MODEL #	RF4439d-25A
WIDTH	14.96"
DEPTH	10.04"
HEIGHT	14.96"
WEIGHT	74.70 LBS

1 RRU SPECS
SCALE: NOT TO SCALE

2 NOT USED
SCALE: NOT TO SCALE

3 NOT USED
SCALE: NOT TO SCALE

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CANONSBURG, PA 15317

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C-5.1

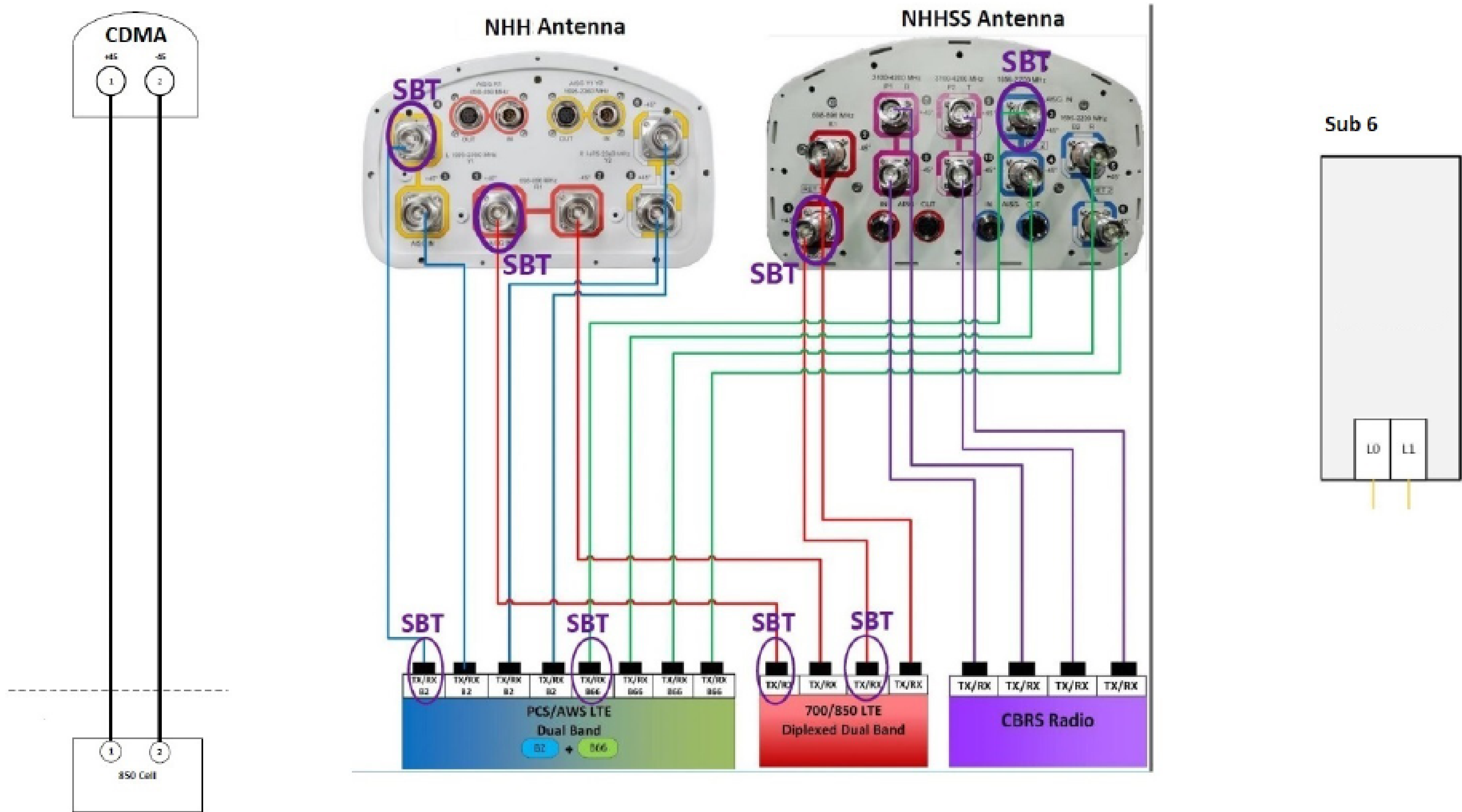
REVISION:
1

4 NOT USED
SCALE: NOT TO SCALE

5 NOT USED
SCALE: NOT TO SCALE

6 NOT USED
SCALE: NOT TO SCALE

100172.008.01_N_COVENTRY_WALLBEOFF.dwg -- Sheet: C-6 -- User: mjonas -- Sep 17, 2021 -- 9:31am



1 PLUMBING DIAGRAM
SCALE: NOT TO SCALE

verizon
180 WASHINGTON VALLEY ROAD
BEDMINSTER, NJ 07921

CROWN CASTLE
1500 CORPORATE DRIVE
CANONSBURG, PA 15317

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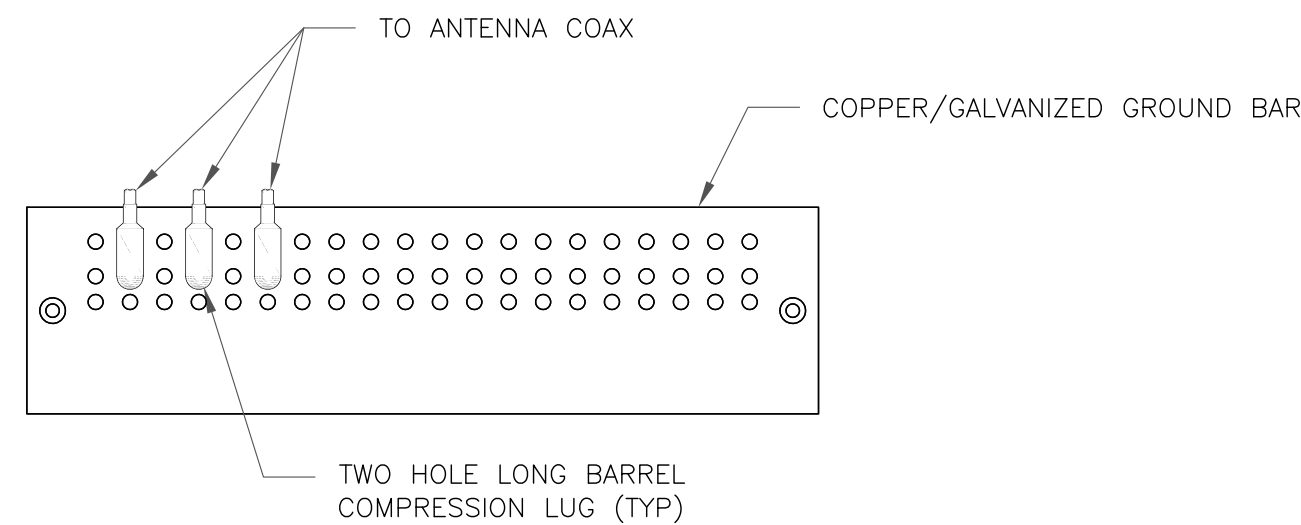
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C-6

REVISION:

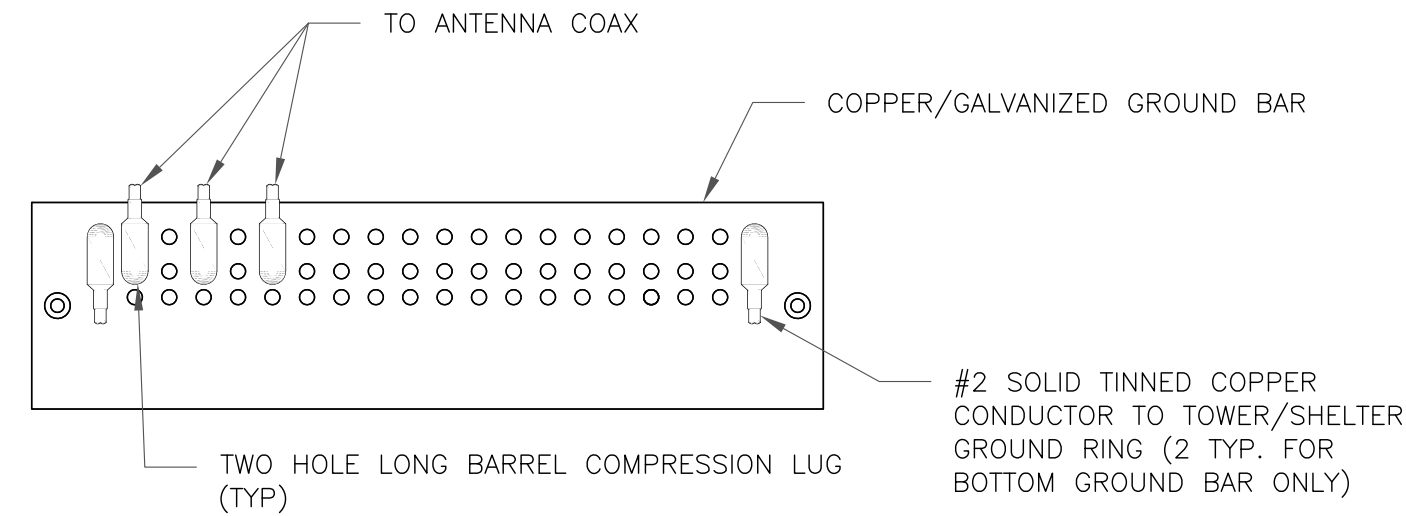
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NOTES:

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

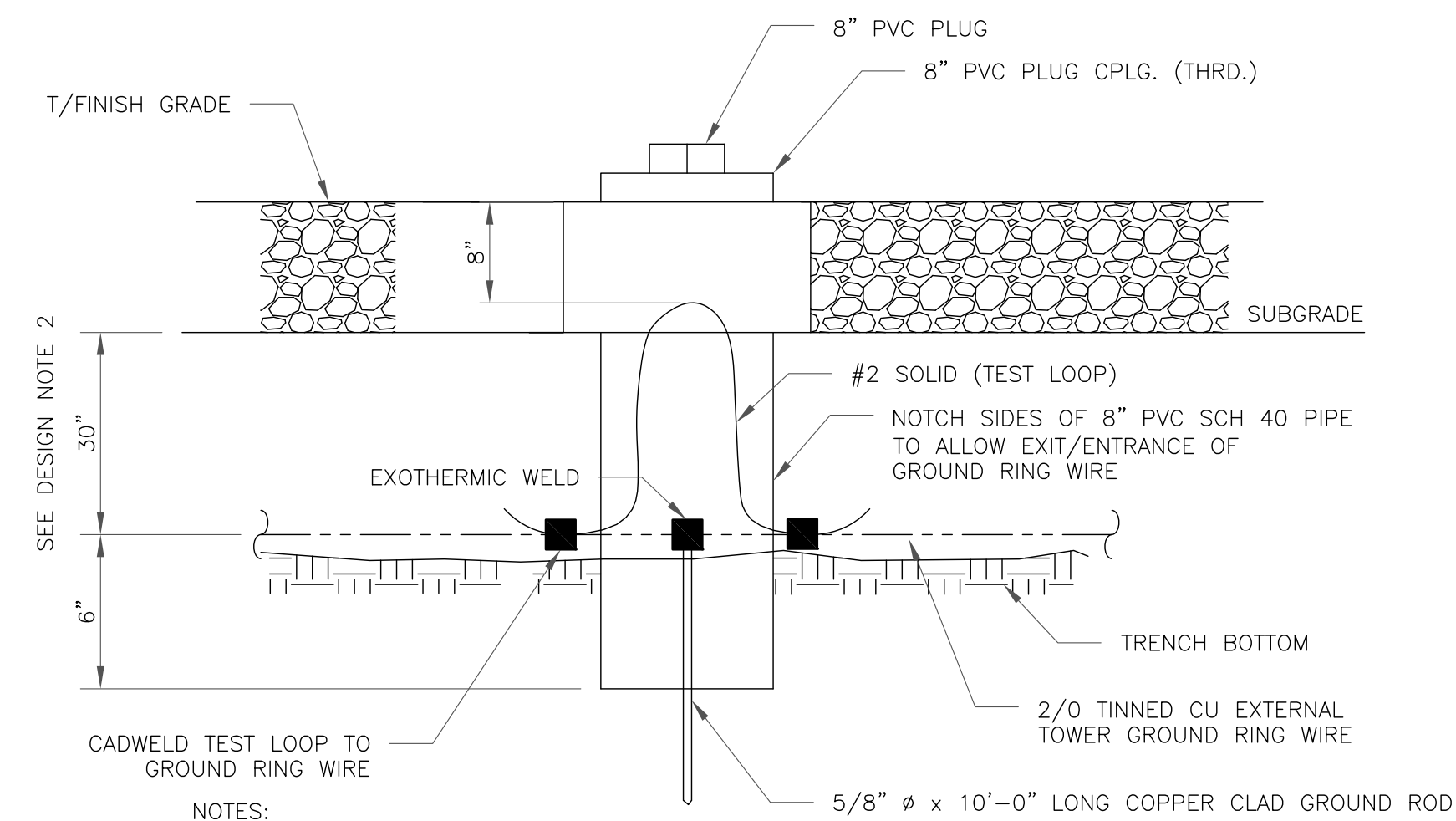
1 ANTENNA SECTOR GROUND BAR DETAIL
SCALE: NOT TO SCALE



NOTES:

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

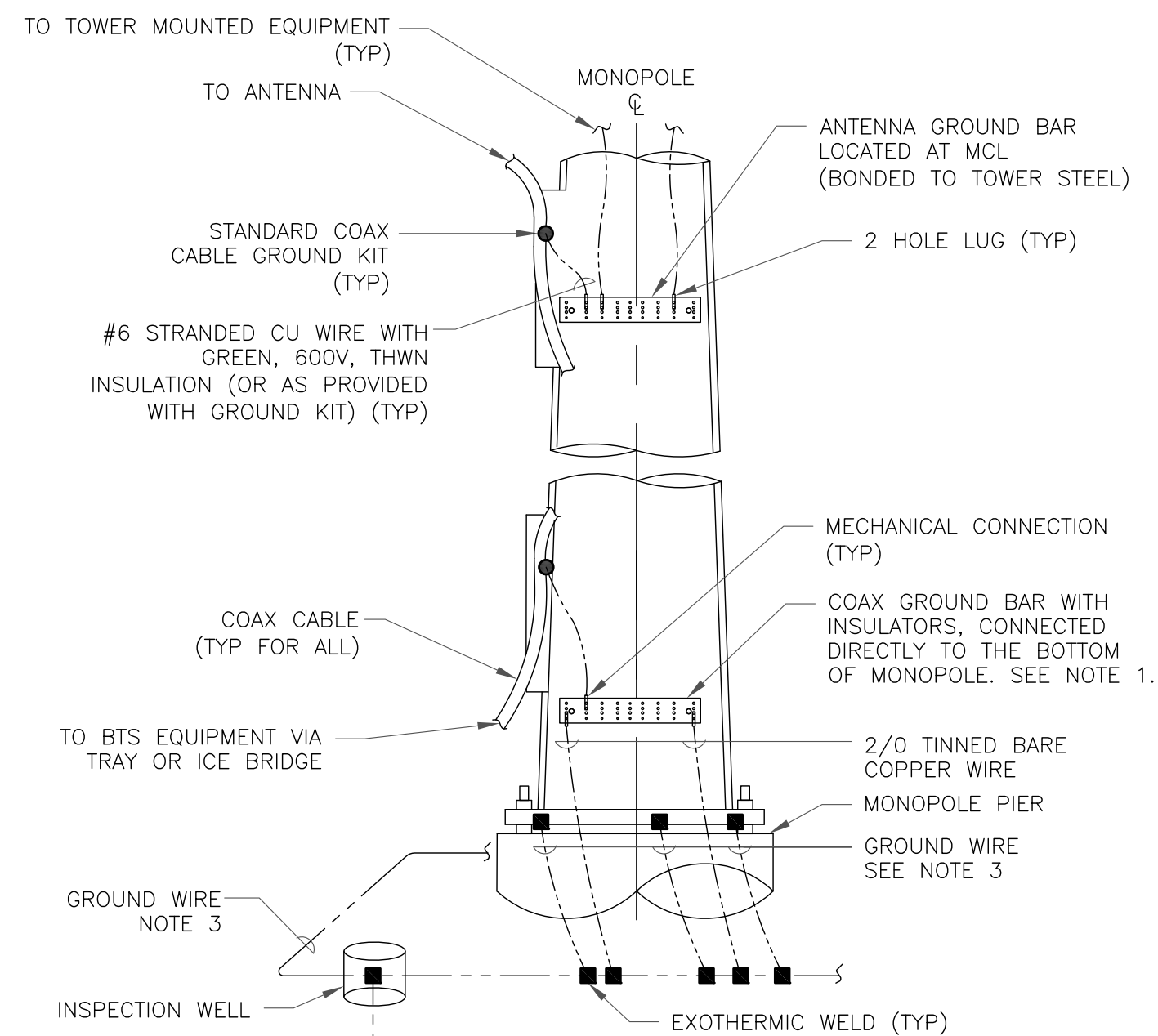
2 TOWER/SHELTER GROUND BAR DETAIL
SCALE: NOT TO SCALE



NOTES:

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

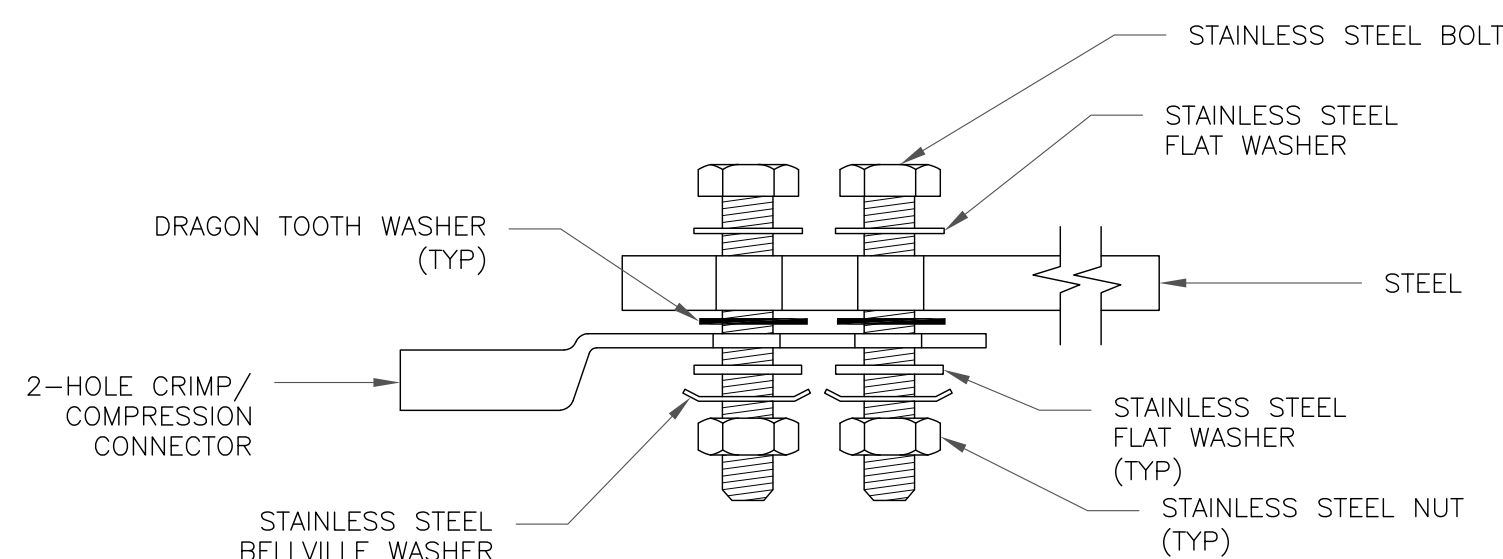
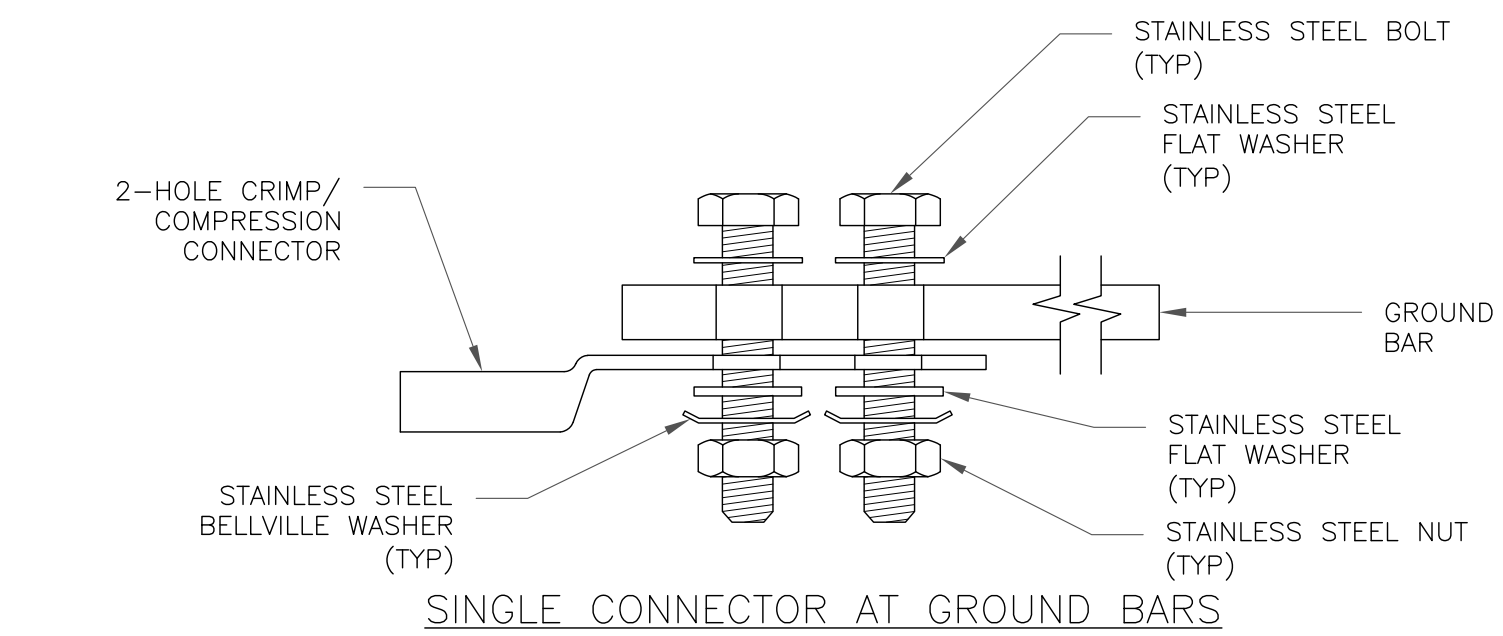
3 INSPECTION WELL DETAIL
SCALE: NOT TO SCALE



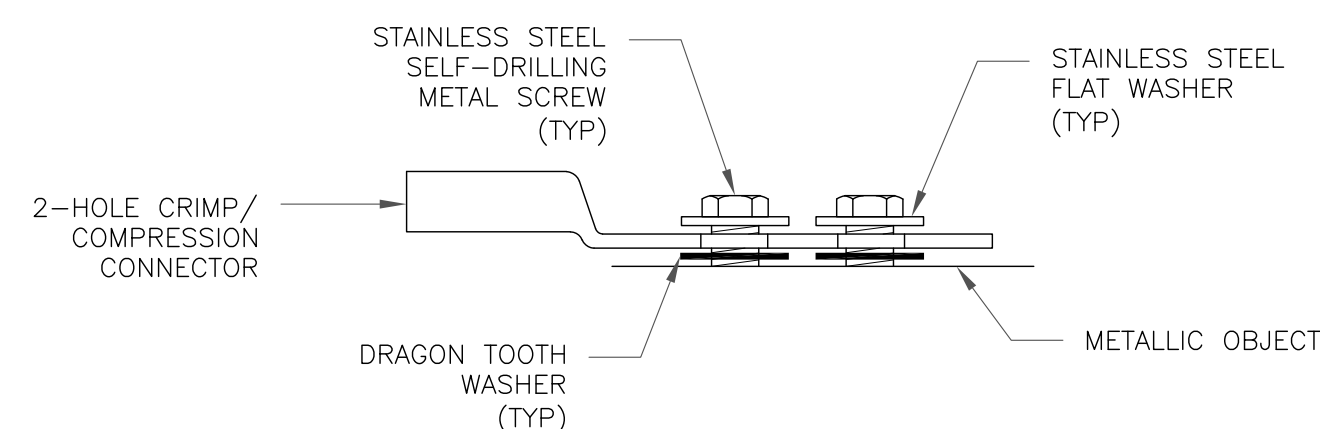
NOTES:

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

4 TYPICAL ANTENNA CABLE GROUNDING
SCALE: NOT TO SCALE

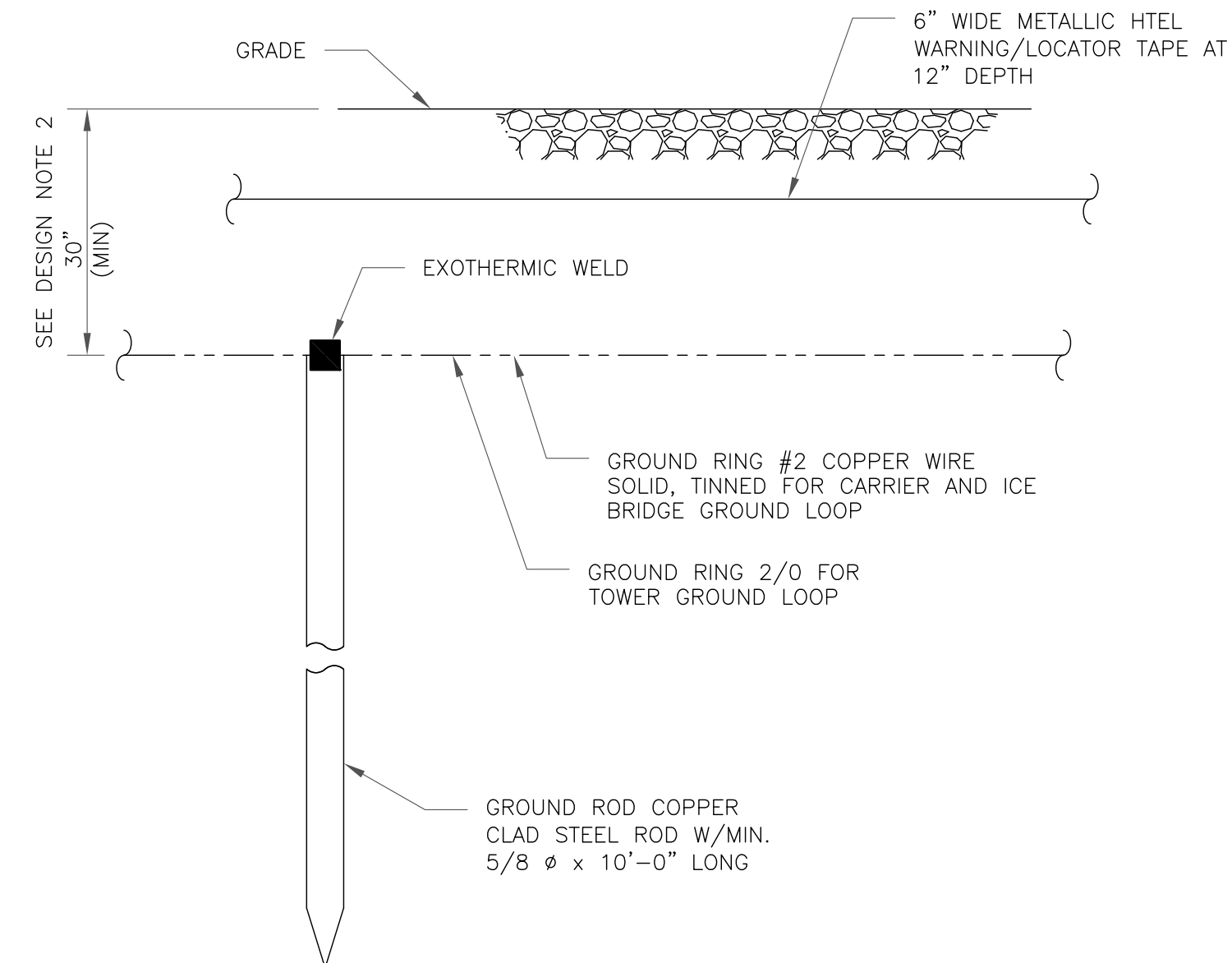


SINGLE CONNECTOR AT STEEL OBJECTS



SINGLE CONNECTOR AT METALLIC/STEEL OBJECTS

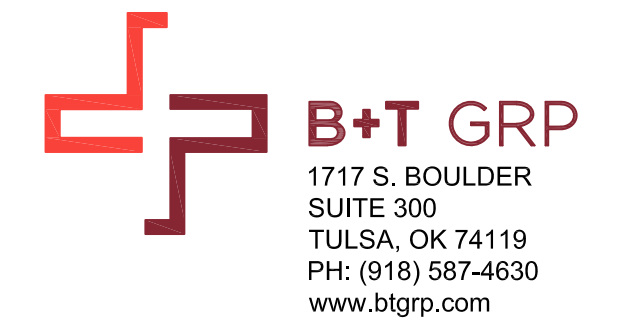
5 HARDWARE DETAIL FOR EXTERIOR CONNECTIONS
SCALE: NOT TO SCALE



NOTES:

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

6 GROUND ROD DETAIL
SCALE: NOT TO SCALE



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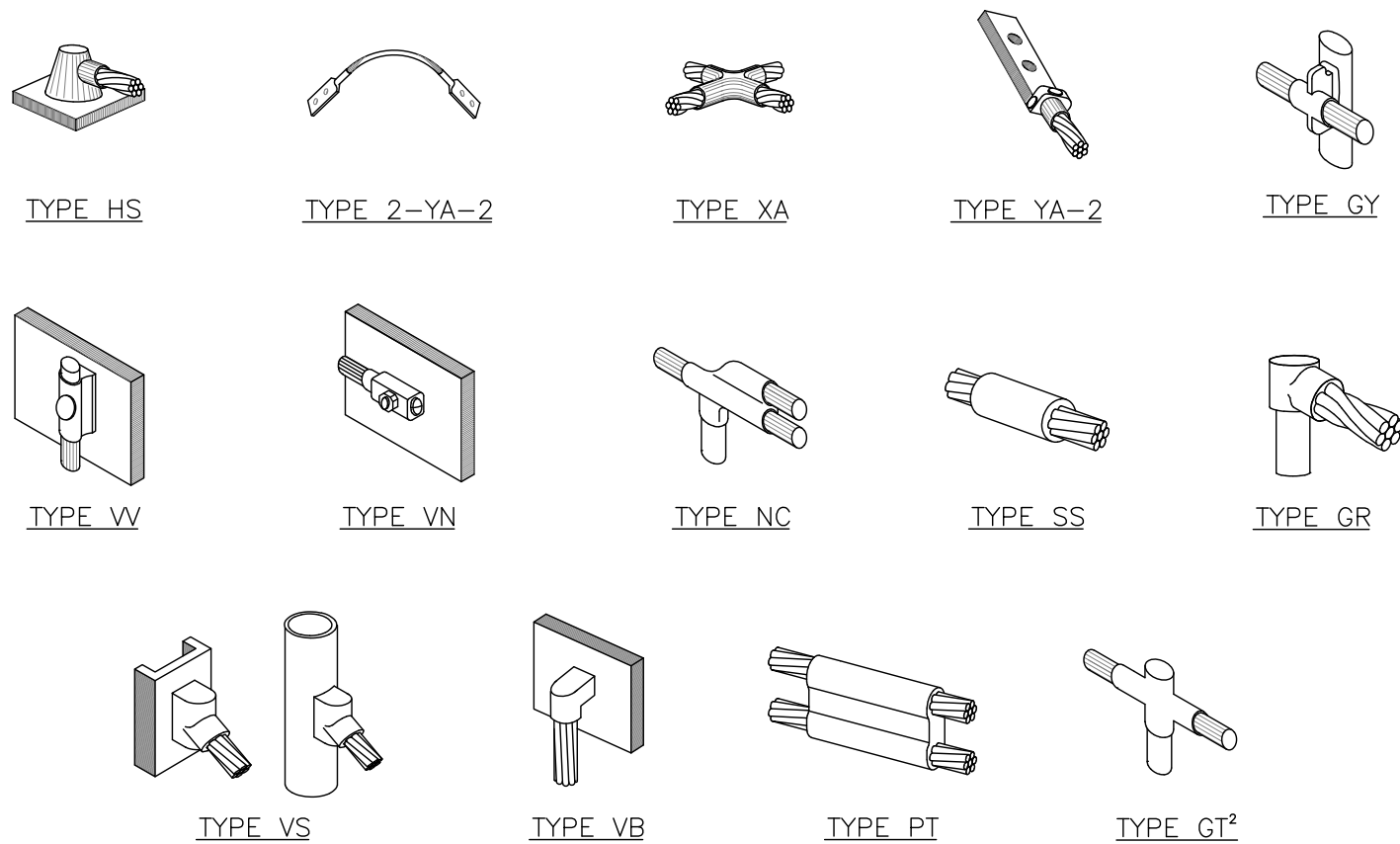
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SHEET NUMBER:

G-1

REVISION:

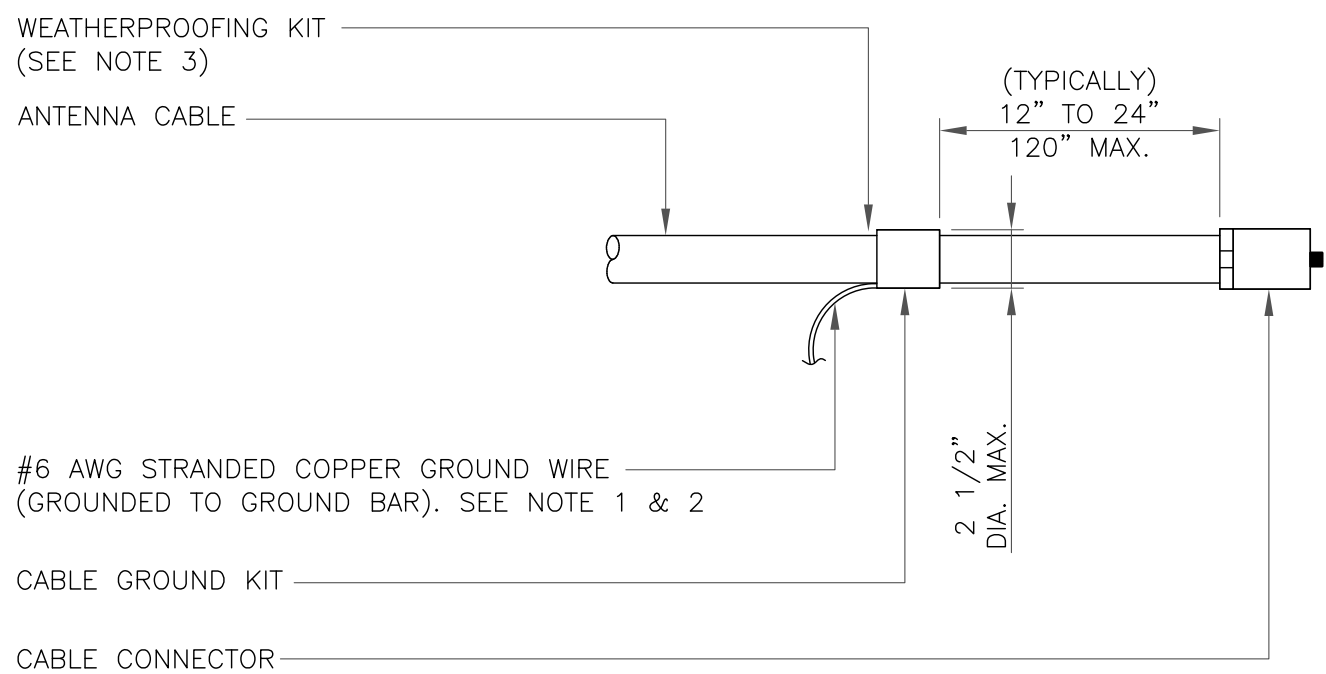
1



NOTE:

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

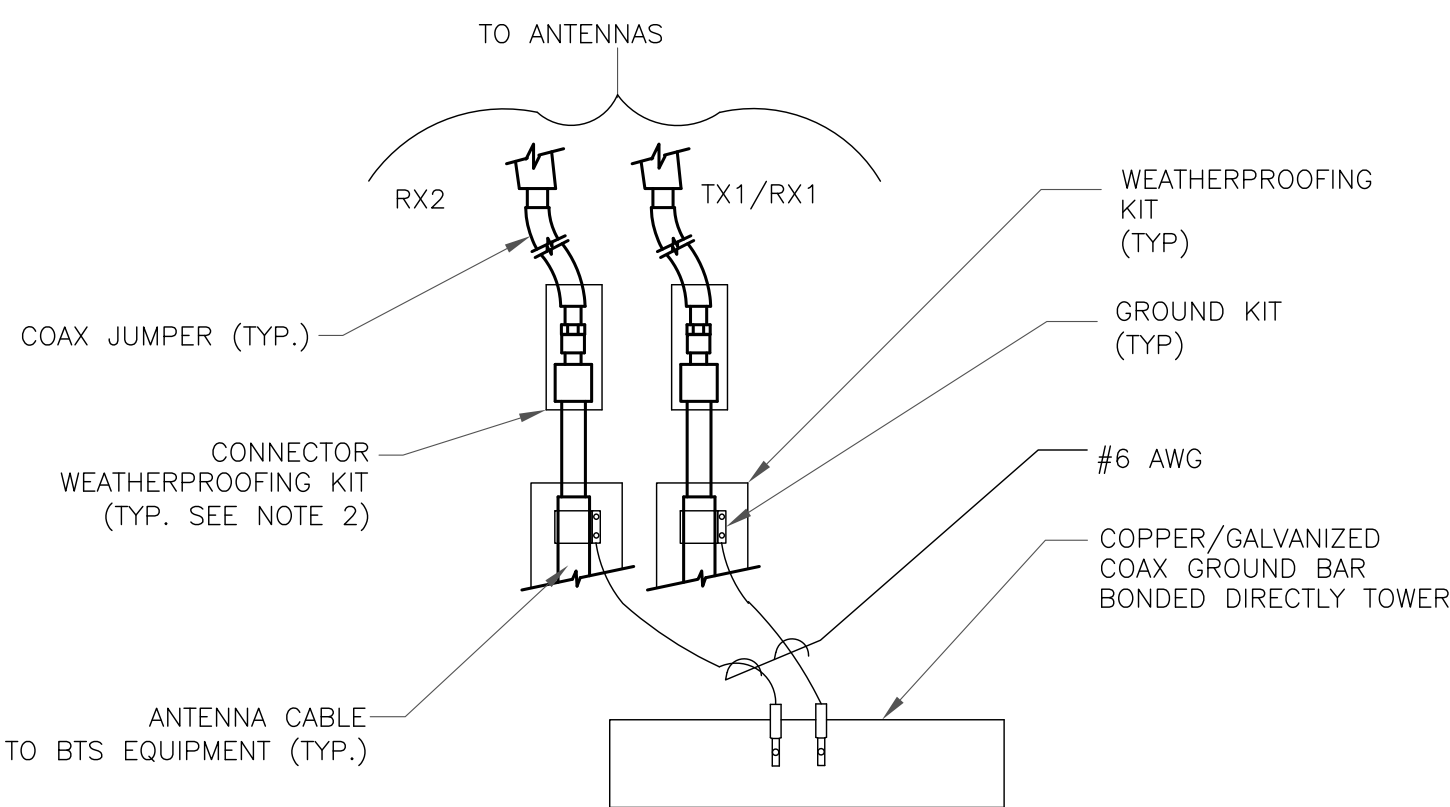
1 CADWELD GROUNDING CONNECTIONS
SCALE: NOT TO SCALE



NOTES:

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

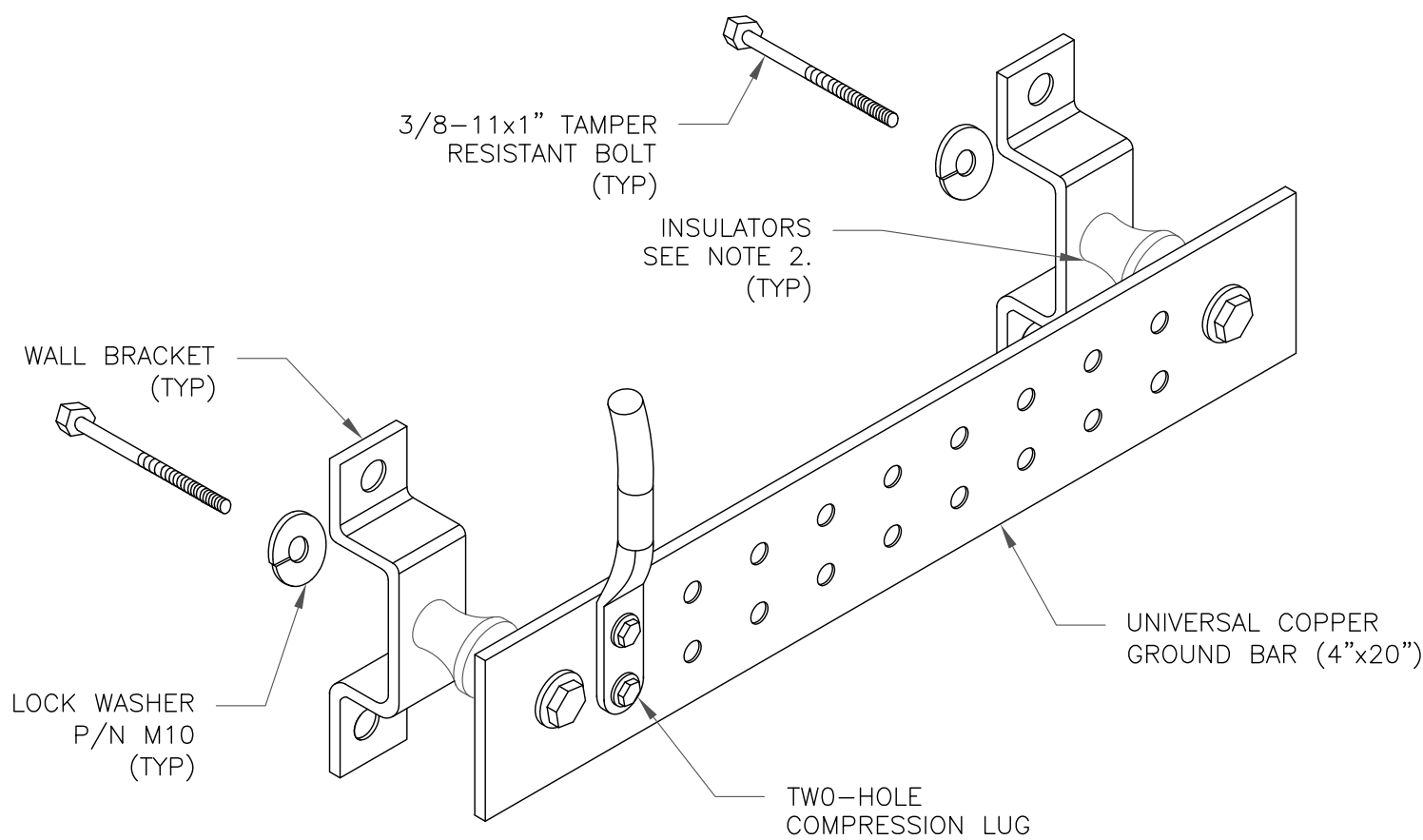
3 CABLE GROUND KIT CONNECTION
SCALE: NOT TO SCALE



NOTES:

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

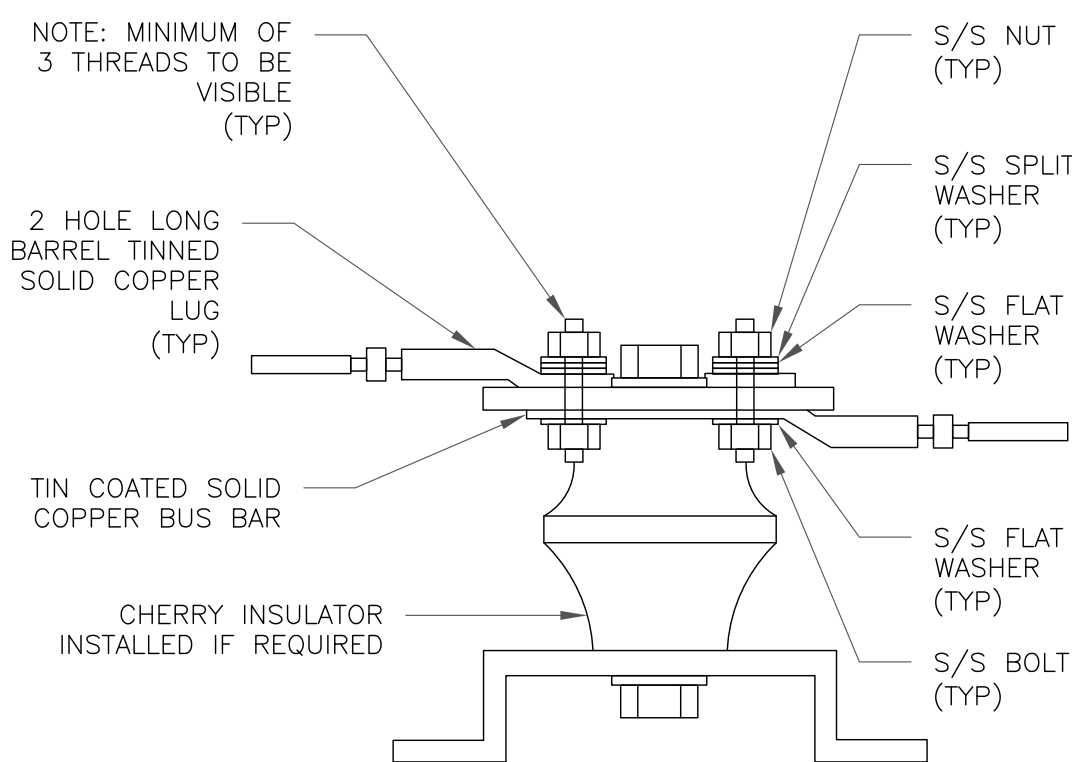
4 GROUND CABLE CONNECTION
SCALE: NOT TO SCALE



NOTES:

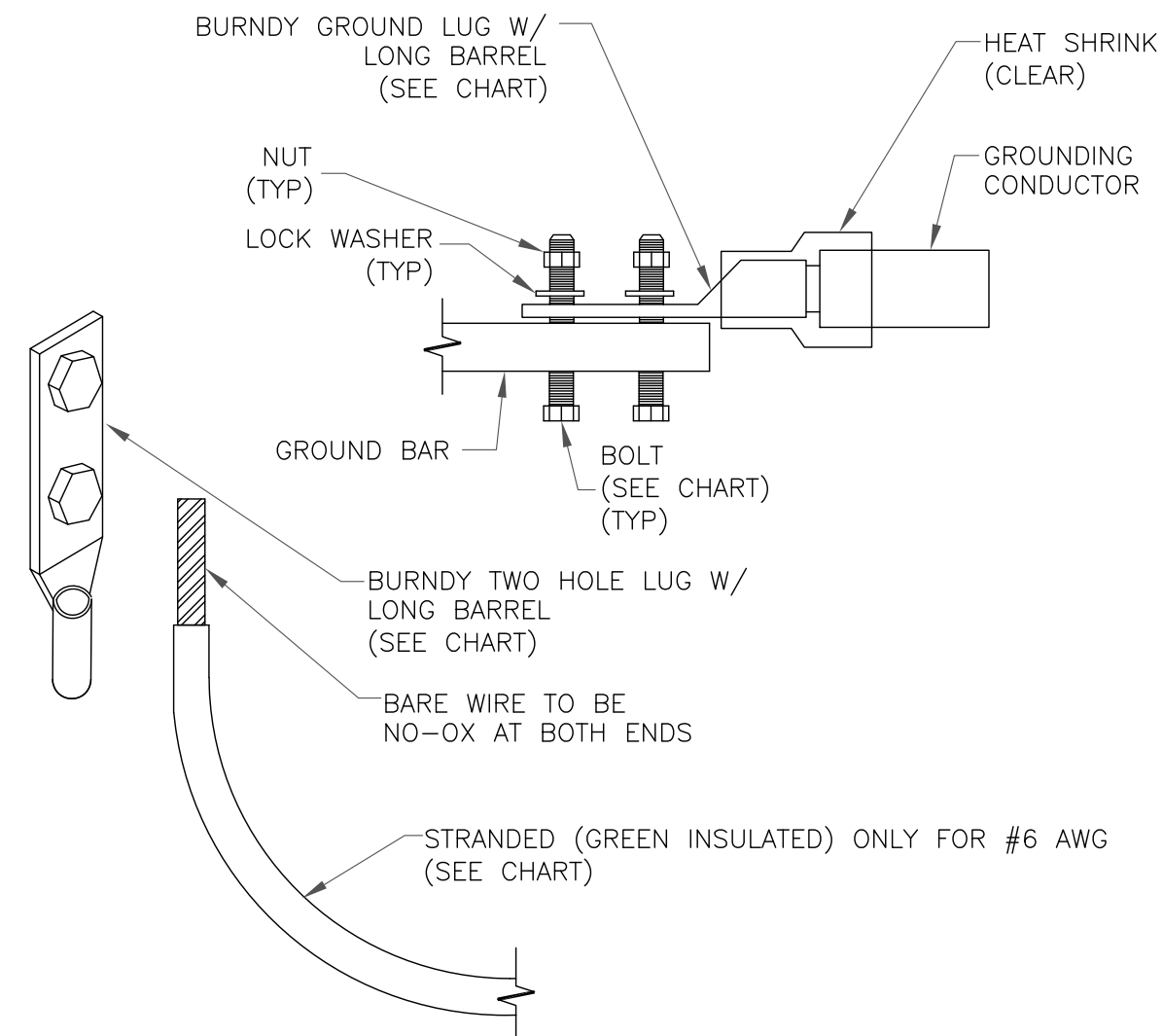
1. DOWN LEAD (HOME RUN) CONDUCTORS ARE NOT TO BE INSTALLED ON CROWN CASTLE USA INC. TOWER, PER THE GROUNDING DOWN CONDUCTOR POLICY QAS-STG-10091. NO MODIFICATION OR DRILLING TO TOWER STEEL IS ALLOWED IN ANY FORM OR FASHION, CAD-WELDING ON THE TOWER AND/OR IN THE AIR ARE NOT PERMITTED.
2. OMIT INSULATOR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

6 GROUND BAR DETAIL
SCALE: NOT TO SCALE



7 LUG DETAIL
SCALE: NOT TO SCALE

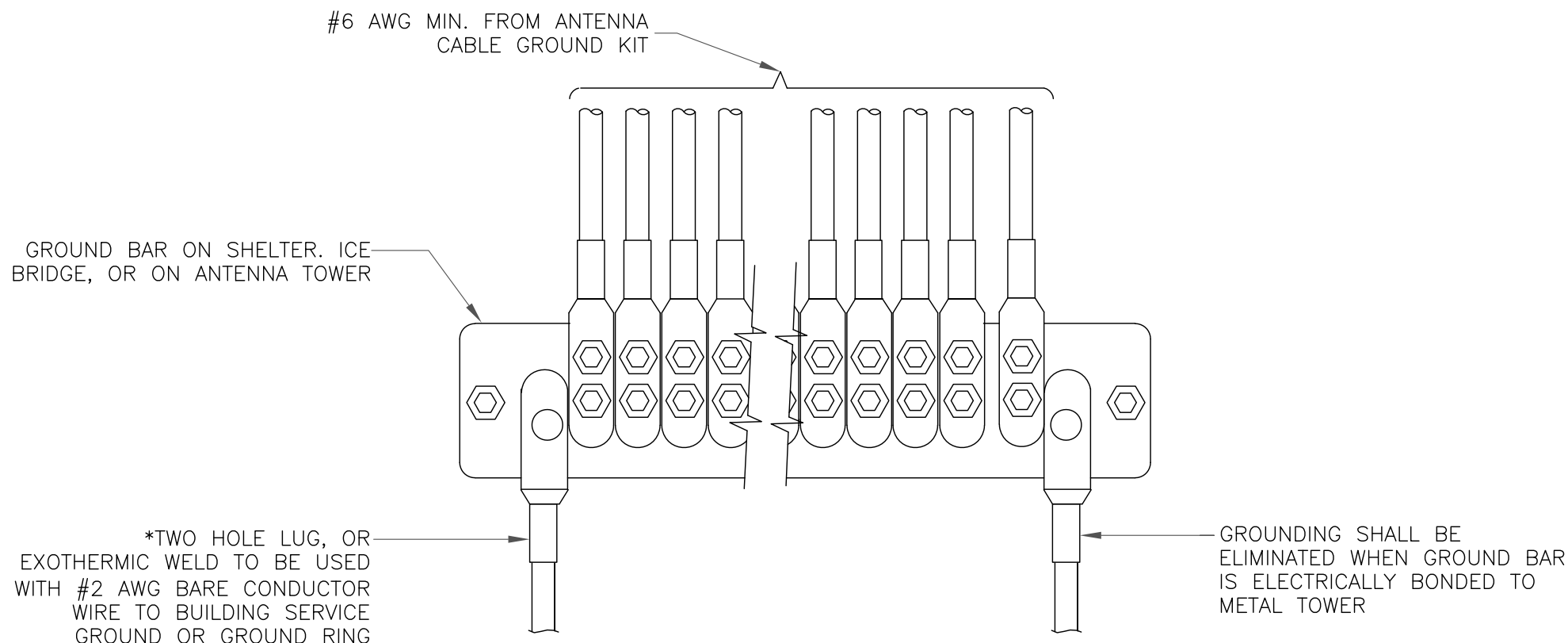
WIRE SIZE	BURNDY LUG	BOLT SIZE
#6 AWG GREEN INSULATED	YA6C-2TC38	3/8" - 16 NC S 2 BOLT
#2 AWG SOLID TINNED	YA3C-2TC38	3/8" - 16 NC S 2 BOLT
#2 AWG STRANDED	YA2C-2TC38	3/8" - 16 NC S 2 BOLT
#2/0 AWG STRANDED	YA26-2TC38	3/8" - 16 NC S 2 BOLT
#4/0 AWG STRANDED	YA28-2N	1/2" - 16 NC S 2 BOLT



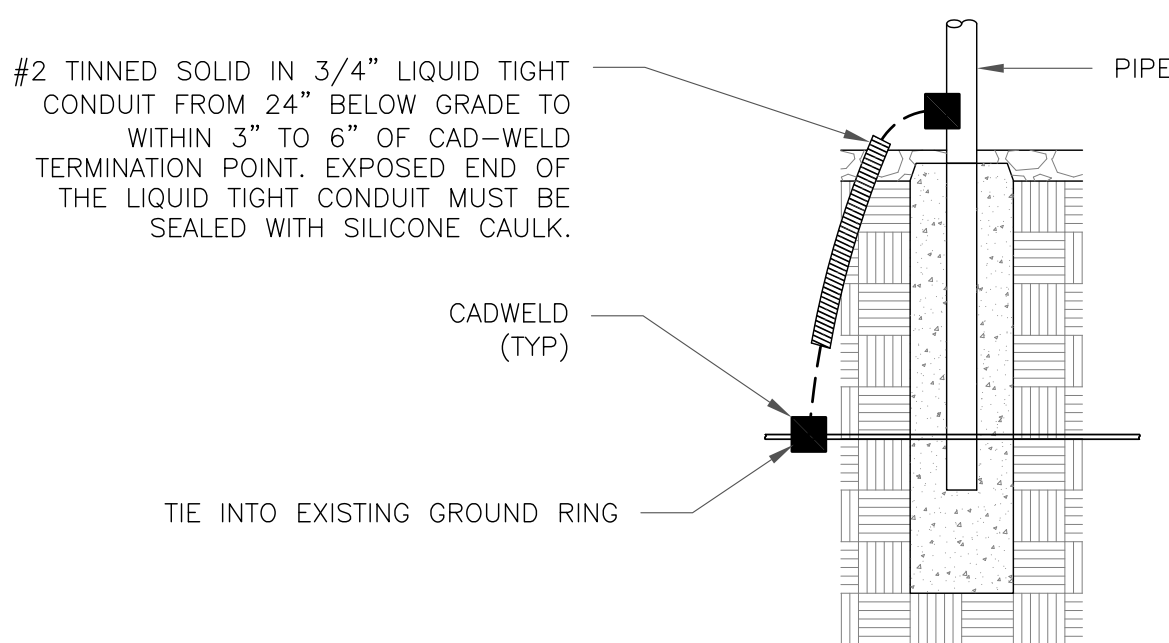
NOTES:

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

2 MECHANICAL LUG CONNECTION
SCALE: NOT TO SCALE



5 GROUNDWIRE INSTALLATION
SCALE: NOT TO SCALE



8 TRANSITIONING GROUND DETAIL
SCALE: NOT TO SCALE

verizon
180 WASHINGTON VALLEY ROAD
BEDMINSTER, NJ 07921

CROWN
CASTLE
1500 CORPORATE DRIVE
CANONSBURG, PA 15317

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

VERIZON SITE NUMBER:
467222

BU #: 876385
N. COVENTRY /
WALLBEOFF

REILLY MTN. RD.
COVENTRY, CT 06238

EXISTING 152'-0" MONOPOLE

ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	DES./QA
0	9/2/21	STH	CONSTRUCTION	STH
1	9/17/21	TDG	CONSTRUCTION	MTJ



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

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

SHEET NUMBER:

G-2

REVISION:

1

Exhibit D

Structural Analysis Report

Date: **August 16, 2021**



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

Subject: Structural Analysis Report

Carrier Designation:	Verizon Wireless Co-Locate
	Site Number: 467222
	Site Name: Coventry North CT
Crown Castle Designation:	BU Number: 876385
	Site Name: N. Coventry / Wallbeoff
	JDE Job Number: 683371
	Work Order Number: 2008519
	Order Number: 583158 Rev. 1
Engineering Firm Designation:	TEP Project Number: 217672.586880
Site Data:	Reilly Mtn. Rd., Coventry, Tolland County, CT 6238
	Latitude 41° 47' 56.21", Longitude -72° 19' 55.88"
	152 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:

LC7: Proposed Equipment Configuration

Sufficient Capacity – 40.5%

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

Structural analysis prepared by: John Payne / CLT

Respectfully submitted by:

Aaron T. Rucker, P.E.



Electronic Copy

08/16/2021

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1) INTRODUCTION

This tower is a 152-ft monopole tower designed by Engineered Endeavors, 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:	2.0 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)
124.0	126.0	3	Andrew	LNK-6514DS-A1M w/ Mount Pipe	8	1-5/8
		3	Commscope	NHHSS-65B-R2B w/ Mount Pipe		
		3	Commscope	NHH-65B-R2B w/ Mount Pipe		
		3	Samsung Telecom.	MT6407-77A w/ Mount Pipe		
		2	Raycap	RCMDC-3315-PF-48		
		3	Samsung Telecom.	RFV01U-D1A		
		3	Samsung Telecom.	RFV01U-D2A		
		3	Samsung Telecom.	CBRS RT4401-48A		
	124.0	1	Tower Mounts	Platform Mount [LP 304-1]		
		3	Commscope	BSAMNT-SBS-1-2		

Table 2 - Other Considered Equipment

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)
151.0	161.0	1	Dbspectra	DS9A09F36D-N	2 1 2	7/8 1/2 1-5/8
	158.0	1	Dbspectra	DS2C00F36D-D		
	151.0	1	Bird Technologies Group	430-94C-09168-M-110/48		
		2	Tower Mounts	Pipe Mount [PM 601-1]		

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)
150.0	152.0	3	Commscope	NNVV-65B-R4 w/ Mount Pipe	4	1-1/4
		3	RFS Celwave	APXVTM14-ALU-I20 w/ Mount Pipe		
		3	Nokia	FZHN		
		3	Alcatel Lucent	PCS 1900MHZ 4X45W-65MHZ		
		6	Alcatel Lucent	RRH2X50-800		
	150.0	1	Tower Mounts	Platform Mount [LP 602-1_KCKR]		
133.0	136.0	3	EMS Wireless	RR90-17-02DP w/ Mount Pipe	13	1-5/8
		3	RFS Celwave	APXVAARR24_43-U-NA20 w/ Mount Pipe		
		3	Ericsson	KRY 112 71/2		
		3	Ericsson	KRY 112 144/2		
		3	Ericsson	RADIO 4449 B12/B71		
	133.0	1	Tower Mounts	Platform Mount [LP 304-1]		
		1	Site Pro 1	HRK-14 Support Rail		
116.0	120.0	3	Powerwave Technologies	7770.00 w/ Mount Pipe	12 4 2	1-1/4 3/4 3/8
		2	Kathrein	80010965 w/ Mount Pipe		
		1	Kathrein	80010966 w/ Mount Pipe		
		2	CCI Antennas	HPA-65R-BUU-H6 w/ Mount Pipe		
		1	CCI Antennas	HPA-65R-BUU-H8 w/ Mount Pipe		
		6	Powerwave Technologies	7020.00		
		3	Ericsson	RRUS 4478 B14		
		3	Ericsson	RRUS 32		
		2	Raycap	DC6-48-60-18-8F		
		3	Ericsson	RRUS-11		
		3	Ericsson	RRUS 32 B2		
	116.0	6	Powerwave Technologies	LGP21401		
		1	Tower Mounts	Platform Mount [LP 1201-1_HR-1]		
107.0	107.0	1	Tower Mounts	Commscope MC-PK8-DSH	1	1-1/2
	106.0	3	JMA Wireless	MX08FRO665-21 w/ Mount Pipe		
		3	Fujitsu	TA08025-B604		
		3	Fujitsu	TA08025-B605		
		1	Raycap	RDIDC-9181-PF-48		
74.0	75.0	1	Lucent	KS24019-L112A	1	1/2
	74.0	1	Tower Mounts	Side Arm Mount [SO 701-1]		

3) ANALYSIS PROCEDURE

Table 3 - Documents Provided

Document	Reference	Source
Geotechnical Report	1531969	CCISites
Tower Foundation Drawings	1441268	CCISites
Tower Manufacturer Drawings	1614566	CCISites

3.1) Analysis Method

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

3.2) Assumptions

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

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

4) ANALYSIS RESULTS

Table 4 - Section Capacity (Summary)

Section No.	Elevation (ft)	Component Type	Size	Critical Element	P (k)	ϕP_{allow} (k)	% Capacity	Pass / Fail
L1	152 - 137.42	Pole	TP37.31x33.03x0.3125	1	-5.17	2161.65	3.0	Pass
L2	137.42 - 91.09	Pole	TP50.15x35.1673x0.375	2	-31.10	3493.83	20.6	Pass
L3	91.09 - 44.79	Pole	TP62.86x47.413x0.4375	3	-48.71	5115.60	29.7	Pass
L4	44.79 - 0	Pole	TP75x59.537x0.5	4	-77.66	7262.37	32.5	Pass
							Summary	
						Pole (L4)	32.5	Pass
						RATING =	32.5	Pass

Table 5 - Tower Component Stresses vs. Capacity - LC7

Notes	Component	Elevation (ft)	% Capacity	Pass / Fail
1,2	Anchor Rods	-	29.2	Pass
1,2	Base Plate	-	40.1	Pass
1,2	Base Foundation Structural	-	36.7	Pass
1,2	Base Foundation Soil Interaction	-	39.8	Pass

Structure Rating (max from all components) =	40.1%
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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

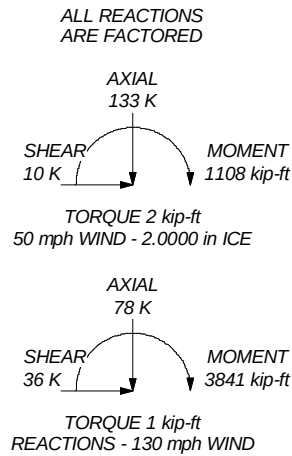
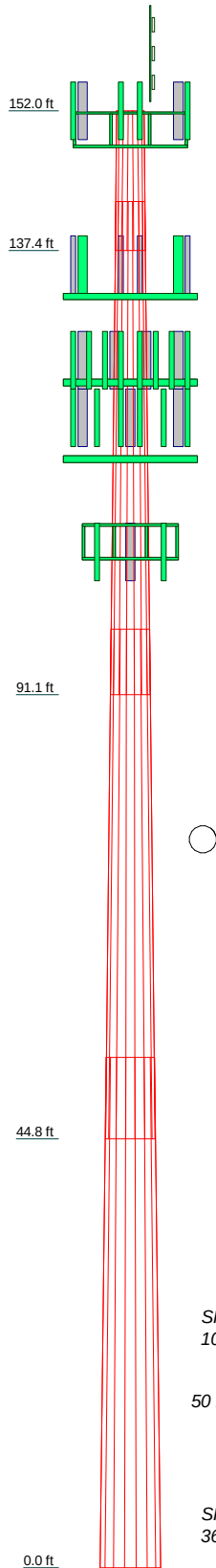
4.1) Recommendations

- 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)	14.58	51.50	53.13	53.21	
Number of Sides	18	18	18	18	
Thickness (in)	0.3125	0.3750	0.4375	0.5000	
Socket Length (ft)	5.17	6.83	8.42		
Top Dia (in)	33.0300	36.1673	47.4130	59.5370	
Bot Dia (in)	37.3100	50.1500	62.8600	75.0000	
Grade			A572-65		
Weight (K)	1.7	8.8	13.7	19.2	43.5

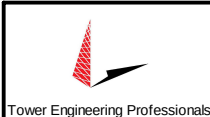


MATERIAL STRENGTH

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

TOWER DESIGN NOTES

1. Tower is located in Tolland 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 2.00 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: 32.5%



Tower Engineering Professionals
326 Tryon Road
Raleigh, NC 27603
Phone: (919) 661-6351
FAX: (919) 661-6350

Job: **N. Coventry / Wallbeoff (BU 876385)**

Project: **TEP No. 217672.586880**

Client: Crown Castle	Drawn by: John Payne	App'd:
Code: TIA-222-H	Date: 08/13/21	Scale: NTS
Path: C:\Users\jpayne\Desktop\TNO\Old TNO\N. Coventry - Wallbeoff\876385_2008519_LC7.dwg		Dwg No. E-1

tnxTower Tower Engineering Professionals 326 Tryon Road Raleigh, NC 27603 Phone: (919) 661-6351 FAX: (919) 661-6350	Job N. Coventry / Wallbeoff (BU 876385)	Page 1 of 15
	Project TEP No. 217672.586880	Date 13:45:27 08/13/21
	Client Crown Castle	Designed by John Payne

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 Tolland County, Connecticut.

Tower base elevation above sea level: 707.00 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 2.0000 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

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

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	Client Crown Castle	Designed by John Payne

Tapered Pole Section Geometry

Section	Elevation ft	Section Length ft	Splice Length ft	Number of Sides	Top Diameter in	Bottom Diameter in	Wall Thickness in	Bend Radius in	Pole Grade
L1	152.00-137.42	14.58	5.17	18	33.0300	37.3100	0.3125	1.2500	A572-65 (65 ksi)
L2	137.42-91.09	51.50	6.83	18	35.1673	50.1500	0.3750	1.5000	A572-65 (65 ksi)
L3	91.09-44.79	53.13	8.42	18	47.4130	62.8600	0.4375	1.7500	A572-65 (65 ksi)
L4	44.79-0.00	53.21		18	59.5370	75.0000	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	33.4913	32.4517	4388.6882	11.6147	16.7792	261.5546	8783.1512	16.2289	5.2633	16.842
	37.8374	36.6969	6346.1675	13.1341	18.9535	334.8286	12700.6855	18.3519	6.0166	19.253
L2	37.1793	41.4116	6333.2445	12.3513	17.8650	354.5056	12674.8225	20.7097	5.5295	14.745
	50.8658	59.2447	18544.2574	17.6701	25.4762	727.9052	37112.9158	29.6280	8.1664	21.777
L3	50.0933	65.2313	18185.9526	16.6763	24.0858	755.0489	36395.8347	32.6219	7.5747	17.314
	63.7622	86.6814	42672.2855	22.1600	31.9329	1336.3118	85400.7203	43.3490	10.2934	23.528
L4	62.8629	93.6917	41255.9424	20.9581	30.2448	1364.0682	82566.1704	46.8547	9.5985	19.197
	76.0799	118.2315	82905.4718	26.4475	38.1000	2175.9966	165920.032	59.1270	12.3200	24.64

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 152.00-137.42				1	1	1			
L2 137.42-91.09				1	1	1			
L3 91.09-44.79				1	1	1			
L4 44.79-0.00				1	1	1			

Feed Line/Linear Appurtenances - Entered As Round Or Flat

Description	Face or Leg	Allow Shield	Exclude From Torque Calculation	Component Type	Placement ft	Total Number	Number Per Row	Clear Spacing in	Width or Diameter in	Perimeter in	Weight plf
**											

Feed Line/Linear Appurtenances - Entered As Area

tnxTower Tower Engineering Professionals 326 Tryon Road Raleigh, NC 27603 Phone: (919) 661-6351 FAX: (919) 661-6350	Job	N. Coventry / Wallbeoff (BU 876385)	Page	3 of 15
	Project	TEP No. 217672.586880	Date	13:45:27 08/13/21
	Client	Crown Castle	Designed by	John Payne

Description	Face or Leg	Allow Shield	Exclude From Torque Calculation	Component Type	Placement ft	Total Number		C _A A _A ft ² /ft	Weight plf
Safety									
Safety Line 3/8	A	No	No	CaAa (Out Of Face)	152.00 - 0.00	1	No Ice	0.04	0.22
							1/2" Ice	0.14	0.75
							1" Ice	0.24	1.28
							2" Ice	0.44	2.34
Step Pegs (5/8" SR) 7-in. w/30" step	A	No	No	CaAa (Out Of Face)	152.00 - 0.00	1	No Ice	0.03	0.49
							1/2" Ice	0.14	1.01
							1" Ice	0.23	2.07
							2" Ice	0.43	6.09
151									
HCC 78-50J(7/8")	A	No	No	Inside Pole	151.00 - 0.00	2	No Ice	0.00	0.53
							1/2" Ice	0.00	0.53
							1" Ice	0.00	0.53
							2" Ice	0.00	0.53
FLC 12-50J(1/2")	A	No	No	Inside Pole	151.00 - 0.00	1	No Ice	0.00	0.17
							1/2" Ice	0.00	0.17
							1" Ice	0.00	0.17
							2" Ice	0.00	0.17
FLC 158-50J(1-5/8")	A	No	No	Inside Pole	151.00 - 0.00	2	No Ice	0.00	0.92
							1/2" Ice	0.00	0.92
							1" Ice	0.00	0.92
							2" Ice	0.00	0.92
150									
HB114-1-0813U4-M 5J(1-1/4)	C	No	No	Inside Pole	150.00 - 0.00	3	No Ice	0.00	1.20
							1/2" Ice	0.00	1.20
							1" Ice	0.00	1.20
							2" Ice	0.00	1.20
HB114-13U3M12-X XXF(1-1/4)	C	No	No	Inside Pole	150.00 - 0.00	1	No Ice	0.00	0.99
							1/2" Ice	0.00	0.99
							1" Ice	0.00	0.99
							2" Ice	0.00	0.99
133									
LDF7-50A(1-5/8)	C	No	No	Inside Pole	133.00 - 0.00	6	No Ice	0.00	0.82
							1/2" Ice	0.00	0.82
							1" Ice	0.00	0.82
							2" Ice	0.00	0.82
HCS 6X12 4AWG(1-5/8")	C	No	No	Inside Pole	133.00 - 0.00	1	No Ice	0.00	2.40
							1/2" Ice	0.00	2.40
							1" Ice	0.00	2.40
							2" Ice	0.00	2.40
AVA7-50(1-5/8)	C	No	No	Inside Pole	133.00 - 0.00	6	No Ice	0.00	0.70
							1/2" Ice	0.00	0.70
							1" Ice	0.00	0.70
							2" Ice	0.00	0.70
124									
LDF7-50A(1-5/8")	C	No	No	Inside Pole	124.00 - 0.00	6	No Ice	0.00	0.82
							1/2" Ice	0.00	0.82
							1" Ice	0.00	0.82
							2" Ice	0.00	0.82
HB158-1-08U8-S8J 18(1-5/8)	C	No	No	Inside Pole	124.00 - 0.00	2	No Ice	0.00	1.30
							1/2" Ice	0.00	1.30
							1" Ice	0.00	1.30
							2" Ice	0.00	1.30
116									
LCF114-50J(1-1/4)	A	No	No	Inside Pole	116.00 - 0.00	12	No Ice	0.00	0.70
							1/2" Ice	0.00	0.70
							1" Ice	0.00	0.70
							2" Ice	0.00	0.70
WR-VG86ST-BRD(3/4)	A	No	No	Inside Pole	116.00 - 0.00	4	No Ice	0.00	0.58
							1/2" Ice	0.00	0.58

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	Project TEP No. 217672.586880	Date 13:45:27 08/13/21
	Client Crown Castle	Designed by John Payne

Description	Face or Leg	Allow Shield	Exclude From Torque Calculation	Component Type	Placement ft	Total Number		C _A A _A ft ² /ft	Weight plf
FB-L98B-034-XXX(3/8)	A	No	No	Inside Pole	116.00 - 0.00	2	1" Ice	0.00	0.58
							2" Ice	0.00	0.58
							No Ice	0.00	0.06
							1/2" Ice	0.00	0.06
							1" Ice	0.00	0.06
2" Flexible Conduit	A	No	No	Inside Pole	116.00 - 0.00	2	2" Ice	0.00	0.06
							No Ice	0.00	0.34
							1/2" Ice	0.00	0.34
							1" Ice	0.00	0.34
							2" Ice	0.00	0.34
107									
CU12PSM9P6XXX(1-1/2)	B	No	No	Inside Pole	107.00 - 0.00	1	No Ice	0.00	2.35
							1/2" Ice	0.00	2.35
							1" Ice	0.00	2.35
							2" Ice	0.00	2.35
74									
LDF4-50A(1/2)	C	No	No	Inside Pole	74.00 - 0.00	1	No Ice	0.00	0.15
							1/2" Ice	0.00	0.15
							1" Ice	0.00	0.15
							2" Ice	0.00	0.15

Feed Line/Linear Appurtenances Section Areas

Tower Section	Tower Elevation ft	Face	A _R ft ²	A _F ft ²	C _A A _A In Face ft ²	C _A A _A Out Face ft ²	Weight K
L1	152.00-137.42	A	0.000	0.000	0.000	1.057	0.05
		B	0.000	0.000	0.000	0.000	0.00
		C	0.000	0.000	0.000	0.000	0.06
L2	137.42-91.09	A	0.000	0.000	0.000	3.359	0.46
		B	0.000	0.000	0.000	0.000	0.04
		C	0.000	0.000	0.000	0.000	0.94
L3	91.09-44.79	A	0.000	0.000	0.000	3.357	0.71
		B	0.000	0.000	0.000	0.000	0.11
		C	0.000	0.000	0.000	0.000	1.10
L4	44.79-0.00	A	0.000	0.000	0.000	3.247	0.69
		B	0.000	0.000	0.000	0.000	0.11
		C	0.000	0.000	0.000	0.000	1.07

Feed Line/Linear Appurtenances Section Areas - With Ice

Tower Section	Tower Elevation ft	Face or Leg	Ice Thickness in	A _R ft ²	A _F ft ²	C _A A _A In Face ft ²	C _A A _A Out Face ft ²	Weight K
L1	152.00-137.42	A	1.971	0.000	0.000	0.000	12.550	0.16
		B		0.000	0.000	0.000	0.000	0.00
		C		0.000	0.000	0.000	0.000	0.06
L2	137.42-91.09	A	1.923	0.000	0.000	0.000	39.878	0.81
		B		0.000	0.000	0.000	0.000	0.04
		C		0.000	0.000	0.000	0.000	0.94

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Tower Section	Tower Elevation ft	Face or Leg	Ice Thickness in	A _R ft ²	A _F ft ²	C _A A _A In Face ft ²	C _A A _A Out Face ft ²	Weight K
L3	91.09-44.79	A	1.826	0.000	0.000	0.000	38.977	1.05
		B		0.000	0.000	0.000	0.000	0.11
		C		0.000	0.000	0.000	0.000	1.10
L4	44.79-0.00	A	1.631	0.000	0.000	0.000	35.968	0.99
		B		0.000	0.000	0.000	0.000	0.11
		C		0.000	0.000	0.000	0.000	1.07

Feed Line Center of Pressure

Section	Elevation ft	CP _x in	CP _z in	CP _x Ice in	CP _z Ice in
L1	152.00-137.42	0.0000	-0.6555	0.0000	-3.3701
L2	137.42-91.09	0.0000	-0.6602	0.0000	-3.5595
L3	91.09-44.79	0.0000	-0.6647	0.0000	-3.6944
L4	44.79-0.00	0.0000	-0.6675	0.0000	-3.6813

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

Discrete Tower Loads

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft	C _A A _A Front ft ²	C _A A _A Side ft ²	Weight K
151								
DS9A09F36D-N	A	From Leg	1.00	0.0000	151.00	No Ice	6.33	0.08
			0.00			1/2" Ice	8.47	0.12
			10.00			1" Ice	10.63	0.18
						2" Ice	14.99	0.34
DS2C00F36D-D	B	From Leg	1.00	0.0000	151.00	No Ice	4.08	0.04
			0.00			1/2" Ice	5.47	0.07
			7.00			1" Ice	6.88	0.11
						2" Ice	9.55	0.21
430-94C-09168-M-110/48	B	From Leg	1.00	0.0000	151.00	No Ice	1.03	0.02
			0.00			1/2" Ice	1.17	0.03
			0.00			1" Ice	1.32	0.04
						2" Ice	1.64	0.07
Pipe Mount [PM 601-1]	A	From Leg	0.50	0.0000	151.00	No Ice	1.32	0.07
			0.00			1/2" Ice	1.58	0.08
			0.00			1" Ice	1.84	0.09
						2" Ice	2.40	0.13
Pipe Mount [PM 601-1]	B	From Leg	0.50	0.0000	151.00	No Ice	1.32	0.07
			0.00			1/2" Ice	1.58	0.08
			0.00			1" Ice	1.84	0.09
						2" Ice	2.40	0.13
150								
NNVV-65B-R4 w/ Mount	A	From	4.00	0.0000	150.00	No Ice	7.55	0.11

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Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft		C _{AA} Front ft ²	C _{AA} Side ft ²	Weight K
Pipe		Centroid-Le g	0.00 2.00			1/2" Ice 1" Ice 2" Ice	8.04 8.53 9.56	4.67 5.12 6.05	0.20 0.30 0.53
NNVV-65B-R4 w/ Mount Pipe	B	From Centroid-Le g	4.00 0.00 2.00	0.0000	150.00	No Ice 1/2" Ice 1" Ice 2" Ice	7.55 8.04 8.53 9.56	4.23 4.67 5.12 6.05	0.11 0.20 0.30 0.53
NNVV-65B-R4 w/ Mount Pipe	C	From Centroid-Le g	4.00 0.00 2.00	0.0000	150.00	No Ice 1/2" Ice 1" Ice 2" Ice	7.55 8.04 8.53 9.56	4.23 4.67 5.12 6.05	0.11 0.20 0.30 0.53
APXVTM14-ALU-I20 w/ Mount Pipe	A	From Centroid-Le g	4.00 0.00 2.00	0.0000	150.00	No Ice 1/2" Ice 1" Ice 2" Ice	4.09 4.48 4.88 5.71	2.86 3.23 3.61 4.40	0.08 0.13 0.19 0.33
APXVTM14-ALU-I20 w/ Mount Pipe	B	From Centroid-Le g	4.00 0.00 2.00	0.0000	150.00	No Ice 1/2" Ice 1" Ice 2" Ice	4.09 4.48 4.88 5.71	2.86 3.23 3.61 4.40	0.08 0.13 0.19 0.33
APXVTM14-ALU-I20 w/ Mount Pipe	C	From Centroid-Le g	4.00 0.00 2.00	0.0000	150.00	No Ice 1/2" Ice 1" Ice 2" Ice	4.09 4.48 4.88 5.71	2.86 3.23 3.61 4.40	0.08 0.13 0.19 0.33
FZHN	A	From Centroid-Le g	4.00 0.00 2.00	0.0000	150.00	No Ice 1/2" Ice 1" Ice 2" Ice	2.03 2.21 2.39 2.79	0.62 0.73 0.84 1.10	0.05 0.06 0.08 0.12
FZHN	B	From Centroid-Le g	4.00 0.00 2.00	0.0000	150.00	No Ice 1/2" Ice 1" Ice 2" Ice	2.03 2.21 2.39 2.79	0.62 0.73 0.84 1.10	0.05 0.06 0.08 0.12
FZHN	C	From Centroid-Le g	4.00 0.00 2.00	0.0000	150.00	No Ice 1/2" Ice 1" Ice 2" Ice	2.03 2.21 2.39 2.79	0.62 0.73 0.84 1.10	0.05 0.06 0.08 0.12
PCS 1900MHZ 4X45W-65MHZ	A	From Centroid-Le g	4.00 0.00 2.00	0.0000	150.00	No Ice 1/2" Ice 1" Ice 2" Ice	2.32 2.53 2.74 3.19	2.24 2.44 2.65 3.09	0.06 0.08 0.11 0.17
PCS 1900MHZ 4X45W-65MHZ	B	From Centroid-Le g	4.00 0.00 2.00	0.0000	150.00	No Ice 1/2" Ice 1" Ice 2" Ice	2.32 2.53 2.74 3.19	2.24 2.44 2.65 3.09	0.06 0.08 0.11 0.17
PCS 1900MHZ 4X45W-65MHZ	C	From Centroid-Le g	4.00 0.00 2.00	0.0000	150.00	No Ice 1/2" Ice 1" Ice 2" Ice	2.32 2.53 2.74 3.19	2.24 2.44 2.65 3.09	0.06 0.08 0.11 0.17
(2) RRH2X50-800	A	From Centroid-Le g	4.00 0.00 2.00	0.0000	150.00	No Ice 1/2" Ice 1" Ice 2" Ice	2.13 2.32 2.51 2.92	1.77 1.95 2.13 2.51	0.05 0.07 0.10 0.16
(2) RRH2X50-800	B	From Centroid-Le g	4.00 0.00 2.00	0.0000	150.00	No Ice 1/2" Ice 1" Ice 2" Ice	2.13 2.32 2.51 2.92	1.77 1.95 2.13 2.51	0.05 0.07 0.10 0.16
(2) RRH2X50-800	C	From Centroid-Le	4.00 0.00	0.0000	150.00	No Ice 1/2" Ice	2.13 2.32	1.77 1.95	0.05 0.07

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Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft		C _{AA} Front ft ²	C _{AA} Side ft ²	Weight K
		g	2.00			1" Ice	2.51	2.13	0.10
						2" Ice	2.92	2.51	0.16
Platform Mount [LP 602-1_KCKR]	C	None		0.0000	150.00	No Ice	42.30	42.30	1.62
						1/2" Ice	49.04	49.04	2.38
						1" Ice	55.87	55.87	3.27
						2" Ice	69.85	69.85	5.40
Transition Ladder	C	From Centroid-Le g	2.00 0.00 -4.00	0.0000	150.00	No Ice	6.00	6.00	0.16
						1/2" Ice	8.00	8.00	0.24
						1" Ice	10.00	10.00	0.32
						2" Ice	14.00	14.00	0.48
2.4" Dia x 6-ft Pipe	A	From Centroid-Le g	4.00 0.00 0.00	0.0000	150.00	No Ice	1.43	1.43	0.02
						1/2" Ice	1.93	1.93	0.03
						1" Ice	2.30	2.30	0.05
						2" Ice	3.06	3.06	0.09
2.4" Dia x 6-ft Pipe	B	From Centroid-Le g	4.00 0.00 0.00	0.0000	150.00	No Ice	1.43	1.43	0.02
						1/2" Ice	1.93	1.93	0.03
						1" Ice	2.30	2.30	0.05
						2" Ice	3.06	3.06	0.09
2.4" Dia x 6-ft Pipe	C	From Centroid-Le g	4.00 0.00 0.00	0.0000	150.00	No Ice	1.43	1.43	0.02
						1/2" Ice	1.93	1.93	0.03
						1" Ice	2.30	2.30	0.05
						2" Ice	3.06	3.06	0.09
133									
RR90-17-02DP w/ Mount Pipe	A	From Centroid-Fa ce	4.00 0.00 3.00	0.0000	133.00	No Ice	4.47	2.92	0.03
						1/2" Ice	5.08	3.50	0.07
						1" Ice	5.70	4.10	0.11
						2" Ice	7.01	5.35	0.22
RR90-17-02DP w/ Mount Pipe	B	From Centroid-Fa ce	4.00 0.00 3.00	0.0000	133.00	No Ice	4.47	2.92	0.03
						1/2" Ice	5.08	3.50	0.07
						1" Ice	5.70	4.10	0.11
						2" Ice	7.01	5.35	0.22
RR90-17-02DP w/ Mount Pipe	C	From Centroid-Fa ce	4.00 0.00 3.00	0.0000	133.00	No Ice	4.47	2.92	0.03
						1/2" Ice	5.08	3.50	0.07
						1" Ice	5.70	4.10	0.11
						2" Ice	7.01	5.35	0.22
APXVAARR24_43-U-NA20 w/ Mount Pipe	A	From Centroid-Fa ce	4.00 0.00 3.00	0.0000	133.00	No Ice	14.69	6.87	0.19
						1/2" Ice	15.46	7.55	0.31
						1" Ice	16.23	8.25	0.46
						2" Ice	17.82	9.67	0.79
APXVAARR24_43-U-NA20 w/ Mount Pipe	B	From Centroid-Fa ce	4.00 0.00 3.00	0.0000	133.00	No Ice	14.69	6.87	0.19
						1/2" Ice	15.46	7.55	0.31
						1" Ice	16.23	8.25	0.46
						2" Ice	17.82	9.67	0.79
APXVAARR24_43-U-NA20 w/ Mount Pipe	C	From Centroid-Fa ce	4.00 0.00 3.00	0.0000	133.00	No Ice	14.69	6.87	0.19
						1/2" Ice	15.46	7.55	0.31
						1" Ice	16.23	8.25	0.46
						2" Ice	17.82	9.67	0.79
(2) KRY 112 71/2	A	From Centroid-Fa ce	4.00 0.00 3.00	0.0000	133.00	No Ice	0.58	0.45	0.01
						1/2" Ice	0.69	0.54	0.02
						1" Ice	0.80	0.64	0.03
						2" Ice	1.04	0.87	0.05
KRY 112 71/2	C	From Centroid-Fa ce	4.00 0.00 3.00	0.0000	133.00	No Ice	0.58	0.45	0.01
						1/2" Ice	0.69	0.54	0.02
						1" Ice	0.80	0.64	0.03
						2" Ice	1.04	0.87	0.05
KRY 112 144/2	B	From Centroid-Fa	4.00 0.00	0.0000	133.00	No Ice	0.48	0.23	0.01
						1/2" Ice	0.57	0.30	0.01

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Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft		C _{AA} Front ft ²	C _{AA} Side ft ²	Weight K
		ce	3.00			1" Ice	0.66	0.38	0.02
						2" Ice	0.88	0.55	0.04
(2) KRY 112 144/2	C	From	4.00	0.0000	133.00	No Ice	0.48	0.23	0.01
		Centroid-Fa	0.00			1/2" Ice	0.57	0.30	0.01
		ce	3.00			1" Ice	0.66	0.38	0.02
						2" Ice	0.88	0.55	0.04
RADIO 4449 B12/B71	A	From	4.00	0.0000	133.00	No Ice	1.64	1.15	0.08
		Centroid-Fa	0.00			1/2" Ice	1.80	1.29	0.09
		ce	3.00			1" Ice	1.97	1.44	0.11
						2" Ice	2.33	1.75	0.16
RADIO 4449 B12/B71	B	From	4.00	0.0000	133.00	No Ice	1.64	1.15	0.08
		Centroid-Fa	0.00			1/2" Ice	1.80	1.29	0.09
		ce	3.00			1" Ice	1.97	1.44	0.11
						2" Ice	2.33	1.75	0.16
RADIO 4449 B12/B71	C	From	4.00	0.0000	133.00	No Ice	1.64	1.15	0.08
		Centroid-Fa	0.00			1/2" Ice	1.80	1.29	0.09
		ce	3.00			1" Ice	1.97	1.44	0.11
						2" Ice	2.33	1.75	0.16
Platform Mount [LP 304-1_HR-1]	C	None		0.0000	133.00	No Ice	21.41	21.41	1.60
						1/2" Ice	26.62	26.62	2.06
						1" Ice	31.66	31.66	2.60
						2" Ice	41.38	41.38	3.96
2.4" Dia x 6-ft Pipe	A	From	4.00	0.0000	133.00	No Ice	1.43	1.43	0.02
		Centroid-Fa	0.00			1/2" Ice	1.93	1.93	0.03
		ce	0.00			1" Ice	2.30	2.30	0.05
						2" Ice	3.06	3.06	0.09
2.4" Dia x 6-ft Pipe	B	From	4.00	0.0000	133.00	No Ice	1.43	1.43	0.02
		Centroid-Fa	0.00			1/2" Ice	1.93	1.93	0.03
		ce	0.00			1" Ice	2.30	2.30	0.05
						2" Ice	3.06	3.06	0.09
2.4" Dia x 6-ft Pipe	C	From	4.00	0.0000	133.00	No Ice	1.43	1.43	0.02
		Centroid-Fa	0.00			1/2" Ice	1.93	1.93	0.03
		ce	0.00			1" Ice	2.30	2.30	0.05
						2" Ice	3.06	3.06	0.09
124									
LNx-6514DS-A1M w/ Mount Pipe	A	From	4.00	0.0000	124.00	No Ice	4.09	3.30	0.06
		Centroid-Le	0.00			1/2" Ice	4.49	3.68	0.13
		g	2.00			1" Ice	4.89	4.06	0.20
						2" Ice	5.71	4.87	0.38
LNx-6514DS-A1M w/ Mount Pipe	B	From	4.00	0.0000	124.00	No Ice	4.09	3.30	0.06
		Centroid-Le	0.00			1/2" Ice	4.49	3.68	0.13
		g	2.00			1" Ice	4.89	4.06	0.20
						2" Ice	5.71	4.87	0.38
LNx-6514DS-A1M w/ Mount Pipe	C	From	4.00	0.0000	124.00	No Ice	4.09	3.30	0.06
		Centroid-Le	0.00			1/2" Ice	4.49	3.68	0.13
		g	2.00			1" Ice	4.89	4.06	0.20
						2" Ice	5.71	4.87	0.38
NHHSS-65B-R2B w/ Mount Pipe	A	From	4.00	0.0000	124.00	No Ice	3.89	3.14	0.09
		Centroid-Le	0.00			1/2" Ice	4.27	3.50	0.15
		g	2.00			1" Ice	4.65	3.87	0.23
						2" Ice	5.43	4.63	0.41
NHHSS-65B-R2B w/ Mount Pipe	B	From	4.00	0.0000	124.00	No Ice	3.89	3.14	0.09
		Centroid-Le	0.00			1/2" Ice	4.27	3.50	0.15
		g	2.00			1" Ice	4.65	3.87	0.23
						2" Ice	5.43	4.63	0.41
NHHSS-65B-R2B w/ Mount Pipe	C	From	4.00	0.0000	124.00	No Ice	3.89	3.14	0.09
		Centroid-Le	0.00			1/2" Ice	4.27	3.50	0.15

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Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft		C _{AA} Front ft ²	C _{AA} Side ft ²	Weight K
		g	2.00			1" Ice	4.65	3.87	0.23
						2" Ice	5.43	4.63	0.41
NHH-65B-R2B w/ Mount Pipe	A	From Centroid-Le g	4.00 0.00 2.00	0.0000	124.00	No Ice	4.09	3.29	0.07
						1/2" Ice	4.48	3.67	0.13
						1" Ice	4.88	4.06	0.21
						2" Ice	5.70	4.86	0.39
NHH-65B-R2B w/ Mount Pipe	B	From Centroid-Le g	4.00 0.00 2.00	0.0000	124.00	No Ice	4.09	3.29	0.07
						1/2" Ice	4.48	3.67	0.13
						1" Ice	4.88	4.06	0.21
						2" Ice	5.70	4.86	0.39
NHH-65B-R2B w/ Mount Pipe	C	From Centroid-Le g	4.00 0.00 2.00	0.0000	124.00	No Ice	4.09	3.29	0.07
						1/2" Ice	4.48	3.67	0.13
						1" Ice	4.88	4.06	0.21
						2" Ice	5.70	4.86	0.39
MT6407-77A w/ Mount Pipe	A	From Centroid-Le g	4.00 0.00 2.00	0.0000	124.00	No Ice	4.91	2.68	0.10
						1/2" Ice	5.26	3.14	0.14
						1" Ice	5.61	3.62	0.18
						2" Ice	6.36	4.63	0.29
MT6407-77A w/ Mount Pipe	B	From Centroid-Le g	4.00 0.00 2.00	0.0000	124.00	No Ice	4.91	2.68	0.10
						1/2" Ice	5.26	3.14	0.14
						1" Ice	5.61	3.62	0.18
						2" Ice	6.36	4.63	0.29
MT6407-77A w/ Mount Pipe	C	From Centroid-Le g	4.00 0.00 2.00	0.0000	124.00	No Ice	4.91	2.68	0.10
						1/2" Ice	5.26	3.14	0.14
						1" Ice	5.61	3.62	0.18
						2" Ice	6.36	4.63	0.29
RCMDC-3315-PF-48	A	From Centroid-Le g	4.00 0.00 2.00	0.0000	124.00	No Ice	3.36	2.19	0.03
						1/2" Ice	3.60	2.39	0.06
						1" Ice	3.84	2.61	0.09
						2" Ice	4.34	3.05	0.17
RCMDC-3315-PF-48	B	From Centroid-Le g	4.00 0.00 2.00	0.0000	124.00	No Ice	3.36	2.19	0.03
						1/2" Ice	3.60	2.39	0.06
						1" Ice	3.84	2.61	0.09
						2" Ice	4.34	3.05	0.17
RFV01U-D1A	A	From Centroid-Le g	4.00 0.00 2.00	0.0000	124.00	No Ice	1.88	1.25	0.08
						1/2" Ice	2.05	1.39	0.10
						1" Ice	2.22	1.54	0.12
						2" Ice	2.60	1.86	0.18
RFV01U-D1A	B	From Centroid-Le g	4.00 0.00 2.00	0.0000	124.00	No Ice	1.88	1.25	0.08
						1/2" Ice	2.05	1.39	0.10
						1" Ice	2.22	1.54	0.12
						2" Ice	2.60	1.86	0.18
RFV01U-D1A	C	From Centroid-Le g	4.00 0.00 2.00	0.0000	124.00	No Ice	1.88	1.25	0.08
						1/2" Ice	2.05	1.39	0.10
						1" Ice	2.22	1.54	0.12
						2" Ice	2.60	1.86	0.18
RFV01U-D2A	A	From Centroid-Le g	4.00 0.00 2.00	0.0000	124.00	No Ice	1.88	1.01	0.07
						1/2" Ice	2.05	1.14	0.09
						1" Ice	2.22	1.28	0.11
						2" Ice	2.60	1.59	0.15
RFV01U-D2A	B	From Centroid-Le g	4.00 0.00 2.00	0.0000	124.00	No Ice	1.88	1.01	0.07
						1/2" Ice	2.05	1.14	0.09
						1" Ice	2.22	1.28	0.11
						2" Ice	2.60	1.59	0.15
RFV01U-D2A	C	From Centroid-Le g	4.00 0.00 2.00	0.0000	124.00	No Ice	1.88	1.01	0.07
						1/2" Ice	2.05	1.14	0.09
						1" Ice	2.22	1.28	0.11

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	Client	Crown Castle	Designed by	John Payne

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft		C _{AA} Front ft ²	C _{AA} Side ft ²	Weight K
CBRS RT4401-48A	A	From Centroid-Le g	4.00 0.00 2.00	0.0000	124.00	2" Ice No Ice 1/2" Ice 1" Ice 2" Ice	2.60 0.99 1.12 1.26 1.55	1.59 0.50 0.60 0.70 0.94	0.15 0.02 0.03 0.04 0.06
CBRS RT4401-48A	B	From Centroid-Le g	4.00 0.00 2.00	0.0000	124.00	2" Ice No Ice 1/2" Ice 1" Ice 2" Ice	1.55 0.99 1.12 1.26 1.55	0.94 0.50 0.60 0.70 0.94	0.06 0.02 0.03 0.04 0.06
CBRS RT4401-48A	C	From Centroid-Le g	4.00 0.00 2.00	0.0000	124.00	2" Ice No Ice 1/2" Ice 1" Ice 2" Ice	1.55 0.99 1.12 1.26 1.55	0.94 0.50 0.60 0.70 0.94	0.06 0.02 0.03 0.04 0.06
Platform Mount [LP 304-1]	C	None		0.0000	124.00	No Ice 1/2" Ice 1" Ice 2" Ice	17.49 21.37 25.28 33.17	17.49 21.37 25.28 33.17	1.35 1.71 2.13 3.16
Mount Reinforcement Specifications	C	None		0.0000	124.00	No Ice 1/2" Ice 1" Ice 2" Ice	28.63 37.31 45.80 62.38	28.63 37.31 45.80 62.38	0.28 0.67 0.94 1.63
6' x 2" Mount Pipe	A	From Centroid-Le g	4.00 0.00 0.00	0.0000	124.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.43 1.92 2.29 3.06	1.43 1.92 2.29 3.06	0.02 0.03 0.05 0.09
6' x 2" Mount Pipe	B	From Centroid-Le g	4.00 0.00 0.00	0.0000	124.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.43 1.92 2.29 3.06	1.43 1.92 2.29 3.06	0.02 0.03 0.05 0.09
6' x 2" Mount Pipe	C	From Centroid-Le g	4.00 0.00 0.00	0.0000	124.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.43 1.92 2.29 3.06	1.43 1.92 2.29 3.06	0.02 0.03 0.05 0.09
116									
7770.00 w/ Mount Pipe	A	From Centroid-Le g	4.00 0.00 4.00	0.0000	116.00	No Ice 1/2" Ice 1" Ice 2" Ice	5.75 6.18 6.61 7.49	4.25 5.01 5.71 7.16	0.06 0.10 0.16 0.29
7770.00 w/ Mount Pipe	B	From Centroid-Le g	4.00 0.00 4.00	0.0000	116.00	No Ice 1/2" Ice 1" Ice 2" Ice	5.75 6.18 6.61 7.49	4.25 5.01 5.71 7.16	0.06 0.10 0.16 0.29
7770.00 w/ Mount Pipe	C	From Centroid-Le g	4.00 0.00 4.00	0.0000	116.00	No Ice 1/2" Ice 1" Ice 2" Ice	5.75 6.18 6.61 7.49	4.25 5.01 5.71 7.16	0.06 0.10 0.16 0.29
80010965 w/ Mount Pipe	A	From Centroid-Le g	4.00 0.00 4.00	0.0000	116.00	No Ice 1/2" Ice 1" Ice 2" Ice	12.26 13.03 13.80 15.41	5.79 6.47 7.17 8.60	0.14 0.23 0.33 0.57
80010965 w/ Mount Pipe	B	From Centroid-Le g	4.00 0.00 4.00	0.0000	116.00	No Ice 1/2" Ice 1" Ice 2" Ice	12.26 13.03 13.80 15.41	5.79 6.47 7.17 8.60	0.14 0.23 0.33 0.57
80010966 w/ Mount Pipe	C	From Centroid-Le g	4.00 0.00 4.00	0.0000	116.00	No Ice 1/2" Ice 1" Ice	14.61 15.47 16.35	6.84 7.63 8.42	0.16 0.27 0.39

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	Client	Crown Castle	Designed by	John Payne

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft		C _{AA} Front ft ²	C _{AA} Side ft ²	Weight K
HPA-65R-BUU-H6 w/ Mount Pipe	A	From Centroid-Le g	4.00 0.00 4.00	0.0000	116.00	2" Ice No Ice 1/2" Ice 1" Ice 2" Ice	18.14 9.22 9.98 10.76 12.36	10.06 6.25 6.96 7.70 9.22	0.68 0.07 0.14 0.22 0.42
HPA-65R-BUU-H6 w/ Mount Pipe	B	From Centroid-Le g	4.00 0.00 4.00	0.0000	116.00	2" Ice No Ice 1/2" Ice 1" Ice 2" Ice	12.36 9.22 9.98 10.76 12.36	9.22 6.25 6.96 7.70 9.22	0.42 0.07 0.14 0.22 0.42
HPA-65R-BUU-H8 w/ Mount Pipe	C	From Centroid-Le g	4.00 0.00 4.00	0.0000	116.00	2" Ice No Ice 1/2" Ice 1" Ice 2" Ice	12.36 12.25 13.19 14.16 16.14	9.22 8.33 9.23 10.15 12.05	0.42 0.10 0.19 0.30 0.54
(2) LGP21401	A	From Centroid-Le g	4.00 0.00 0.00	0.0000	116.00	2" Ice No Ice 1/2" Ice 1" Ice 2" Ice	16.14 1.10 1.24 1.38 1.69	12.05 0.21 0.27 0.35 0.52	0.54 0.01 0.02 0.03 0.05
(2) LGP21401	B	From Centroid-Le g	4.00 0.00 0.00	0.0000	116.00	2" Ice No Ice 1/2" Ice 1" Ice 2" Ice	1.69 1.10 1.24 1.38 1.69	0.52 0.21 0.27 0.35 0.52	0.05 0.01 0.02 0.03 0.05
(2) LGP21401	C	From Centroid-Le g	4.00 0.00 0.00	0.0000	116.00	2" Ice No Ice 1/2" Ice 1" Ice 2" Ice	1.69 1.10 1.24 1.38 1.69	0.52 0.21 0.27 0.35 0.52	0.05 0.01 0.02 0.03 0.05
(2) 7020.00	A	From Centroid-Le g	4.00 0.00 4.00	0.0000	116.00	2" Ice No Ice 1/2" Ice 1" Ice 2" Ice	1.69 0.10 0.15 0.20 0.33	0.52 0.17 0.24 0.31 0.48	0.05 0.00 0.01 0.01 0.02
(2) 7020.00	B	From Centroid-Le g	4.00 0.00 4.00	0.0000	116.00	2" Ice No Ice 1/2" Ice 1" Ice 2" Ice	0.33 0.10 0.15 0.20 0.33	0.48 0.17 0.24 0.31 0.48	0.02 0.00 0.01 0.01 0.02
(2) 7020.00	C	From Centroid-Le g	4.00 0.00 4.00	0.0000	116.00	2" Ice No Ice 1/2" Ice 1" Ice 2" Ice	0.33 0.10 0.15 0.20 0.33	0.48 0.17 0.24 0.31 0.48	0.02 0.00 0.01 0.01 0.02
RRUS 4478 B14	A	From Centroid-Le g	4.00 0.00 4.00	0.0000	116.00	2" Ice No Ice 1/2" Ice 1" Ice 2" Ice	0.33 1.84 2.01 2.19 2.57	0.48 1.06 1.20 1.34 1.66	0.02 0.06 0.08 0.09 0.14
RRUS 4478 B14	B	From Centroid-Le g	4.00 0.00 4.00	0.0000	116.00	2" Ice No Ice 1/2" Ice 1" Ice 2" Ice	2.57 1.84 2.01 2.19 2.57	1.66 1.06 1.20 1.34 1.66	0.14 0.06 0.08 0.09 0.14
RRUS 4478 B14	C	From Centroid-Le g	4.00 0.00 4.00	0.0000	116.00	2" Ice No Ice 1/2" Ice 1" Ice 2" Ice	2.57 1.84 2.01 2.19 2.57	1.66 1.06 1.20 1.34 1.66	0.14 0.06 0.08 0.09 0.14
RRUS 32	A	From Centroid-Le g	4.00 0.00 4.00	0.0000	116.00	2" Ice No Ice 1/2" Ice 1" Ice 2" Ice	2.57 2.86 3.08 3.32 3.81	1.66 1.78 1.97 2.17 2.58	0.14 0.06 0.08 0.10 0.16
RRUS 32	B	From Centroid-Le g	4.00 0.00 4.00	0.0000	116.00	2" Ice No Ice 1/2" Ice 1" Ice 2" Ice	3.81 2.86 3.08 3.32 3.81	2.58 1.78 1.97 2.17 2.58	0.16 0.06 0.08 0.10 0.16

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	Client	Crown Castle	Designed by	John Payne

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft		C _{AA} Front ft ²	C _{AA} Side ft ²	Weight K
RRUS 32	C	From Centroid-Le g	4.00 0.00 4.00	0.0000	116.00	No Ice 1/2" Ice 1" Ice 2" Ice	2.86 3.08 3.32 3.81	1.78 1.97 2.17 2.58	0.06 0.08 0.10 0.16
(2) DC6-48-60-18-8F	A	From Centroid-Le g	4.00 0.00 4.00	0.0000	116.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.21 1.89 2.11 2.57	1.21 1.89 2.11 2.57	0.03 0.05 0.08 0.14
RRUS-11	A	From Centroid-Le g	4.00 0.00 4.00	0.0000	116.00	No Ice 1/2" Ice 1" Ice 2" Ice	2.79 3.00 3.21 3.67	1.19 1.34 1.50 1.84	0.05 0.07 0.10 0.15
RRUS-11	B	From Centroid-Le g	4.00 0.00 4.00	0.0000	116.00	No Ice 1/2" Ice 1" Ice 2" Ice	2.79 3.00 3.21 3.67	1.19 1.34 1.50 1.84	0.05 0.07 0.10 0.15
RRUS-11	C	From Centroid-Le g	4.00 0.00 4.00	0.0000	116.00	No Ice 1/2" Ice 1" Ice 2" Ice	2.79 3.00 3.21 3.67	1.19 1.34 1.50 1.84	0.05 0.07 0.10 0.15
RRUS 32 B2	A	From Centroid-Le g	4.00 0.00 4.00	0.0000	116.00	No Ice 1/2" Ice 1" Ice 2" Ice	2.73 2.95 3.18 3.66	1.67 1.86 2.05 2.46	0.05 0.07 0.10 0.16
RRUS 32 B2	B	From Centroid-Le g	4.00 0.00 4.00	0.0000	116.00	No Ice 1/2" Ice 1" Ice 2" Ice	2.73 2.95 3.18 3.66	1.67 1.86 2.05 2.46	0.05 0.07 0.10 0.16
RRUS 32 B2	C	From Centroid-Le g	4.00 0.00 4.00	0.0000	116.00	No Ice 1/2" Ice 1" Ice 2" Ice	2.73 2.95 3.18 3.66	1.67 1.86 2.05 2.46	0.05 0.07 0.10 0.16
Platform Mount [LP 1201-1_HR-1]	C	None		0.0000	116.00	No Ice 1/2" Ice 1" Ice 2" Ice	26.39 31.40 36.20 45.40	26.39 31.40 36.20 45.40	2.36 3.06 3.86 5.76
107									
MX08FRO665-21 w/ Mount Pipe	A	From Centroid-Le g	4.00 0.00 -1.00	0.0000	107.00	No Ice 1/2" Ice 1" Ice 2" Ice	8.01 8.52 9.04 10.11	4.23 4.69 5.16 6.12	0.11 0.19 0.29 0.52
MX08FRO665-21 w/ Mount Pipe	B	From Centroid-Le g	4.00 0.00 -1.00	0.0000	107.00	No Ice 1/2" Ice 1" Ice 2" Ice	8.01 8.52 9.04 10.11	4.23 4.69 5.16 6.12	0.11 0.19 0.29 0.52
MX08FRO665-21 w/ Mount Pipe	C	From Centroid-Le g	4.00 0.00 -1.00	0.0000	107.00	No Ice 1/2" Ice 1" Ice 2" Ice	8.01 8.52 9.04 10.11	4.23 4.69 5.16 6.12	0.11 0.19 0.29 0.52
TA08025-B604	A	From Centroid-Le g	4.00 0.00 -1.00	0.0000	107.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.96 2.14 2.32 2.71	0.98 1.11 1.25 1.55	0.06 0.08 0.10 0.15
TA08025-B604	B	From Centroid-Le g	4.00 0.00 -1.00	0.0000	107.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.96 2.14 2.32 2.71	0.98 1.11 1.25 1.55	0.06 0.08 0.10 0.15

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Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft		C _A A _A Front ft ²	C _A A _A Side ft ²	Weight K
TA08025-B604	C	From Centroid-Le g	4.00 0.00 -1.00	0.0000	107.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.96 2.14 2.32 2.71	0.98 1.11 1.25 1.55	0.06 0.08 0.10 0.15
TA08025-B605	A	From Centroid-Le g	4.00 0.00 -1.00	0.0000	107.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.96 2.14 2.32 2.71	1.13 1.27 1.41 1.72	0.08 0.09 0.11 0.16
TA08025-B605	B	From Centroid-Le g	4.00 0.00 -1.00	0.0000	107.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.96 2.14 2.32 2.71	1.13 1.27 1.41 1.72	0.08 0.09 0.11 0.16
TA08025-B605	C	From Centroid-Le g	4.00 0.00 -1.00	0.0000	107.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.96 2.14 2.32 2.71	1.13 1.27 1.41 1.72	0.08 0.09 0.11 0.16
RDIDC-9181-PF-48	A	From Centroid-Le g	4.00 0.00 -1.00	0.0000	107.00	No Ice 1/2" Ice 1" Ice 2" Ice	2.01 2.19 2.37 2.76	1.17 1.31 1.46 1.78	0.02 0.04 0.06 0.11
Commscope MC-PK8-DSH	C	None		0.0000	107.00	No Ice 1/2" Ice 1" Ice 2" Ice	34.24 62.95 91.66 149.08	34.24 62.95 91.66 149.08	1.75 2.10 2.45 3.15
(2) 2.4" Dia x 8-ft Mount Pipe	A	From Centroid-Le g	4.00 0.00 0.00	0.0000	107.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.90 2.73 3.40 4.40	1.90 2.73 3.40 4.40	0.03 0.04 0.06 0.12
(2) 2.4" Dia x 8-ft Mount Pipe	B	From Centroid-Le g	4.00 0.00 0.00	0.0000	107.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.90 2.73 3.40 4.40	1.90 2.73 3.40 4.40	0.03 0.04 0.06 0.12
(2) 2.4" Dia x 8-ft Mount Pipe	C	From Centroid-Le g	4.00 0.00 0.00	0.0000	107.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.90 2.73 3.40 4.40	1.90 2.73 3.40 4.40	0.03 0.04 0.06 0.12
74									
KS24019-L112A	C	From Leg	3.00 0.00 1.00	0.0000	74.00	No Ice 1/2" Ice 1" Ice 2" Ice	0.08 0.13 0.19 0.35	0.08 0.13 0.19 0.35	0.01 0.01 0.01 0.02
Side Arm Mount [SO 701-1]	C	From Leg	1.50 0.00 0.00	0.0000	74.00	No Ice 1/2" Ice 1" Ice 2" Ice	0.85 1.14 1.43 2.01	1.67 2.34 3.01 4.35	0.07 0.08 0.09 0.12

Compression Checks

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Pole Design Data

Section No.	Elevation	Size	L	L _u	Kl/r	A	P _u	φP _n	Ratio $\frac{P_u}{\phi P_n}$
	ft		ft	ft		in ²	K	K	
L1	152 - 137.42 (1)	TP37.31x33.03x0.3125	14.58	0.00	0.0	35.1916	-5.17	2058.71	0.003
L2	137.42 - 91.09 (2)	TP50.15x35.1673x0.375	51.50	0.00	0.0	56.8796	-31.10	3327.46	0.009
L3	91.09 - 44.79 (3)	TP62.86x47.413x0.4375	53.13	0.00	0.0	83.2820	-48.71	4872.00	0.010
L4	44.79 - 0 (4)	TP75x59.537x0.5	53.21	0.00	0.0	118.231 0	-77.66	6916.54	0.011

Pole Bending Design Data

Section No.	Elevation	Size	M _{ux}	φM _{nx}	Ratio $\frac{M_{ux}}{\phi M_{nx}}$	M _{uy}	φM _{ny}	Ratio $\frac{M_{uy}}{\phi M_{ny}}$
	ft		kip-ft	kip-ft		kip-ft	kip-ft	
L1	152 - 137.42 (1)	TP37.31x33.03x0.3125	51.65	1817.46	0.028	0.00	1817.46	0.000
L2	137.42 - 91.09 (2)	TP50.15x35.1673x0.375	785.59	3815.62	0.206	0.00	3815.62	0.000
L3	91.09 - 44.79 (3)	TP62.86x47.413x0.4375	2055.20	6830.52	0.301	0.00	6830.52	0.000
L4	44.79 - 0 (4)	TP75x59.537x0.5	3841.38	11650.00	0.330	0.00	11650.00	0.000

Pole Shear Design Data

Section No.	Elevation	Size	Actual V _u	φV _n	Ratio $\frac{V_u}{\phi V_n}$	Actual T _u	φT _n	Ratio $\frac{T_u}{\phi T_n}$
	ft		K	K		kip-ft	kip-ft	
L1	152 - 137.42 (1)	TP37.31x33.03x0.3125	6.19	617.61	0.010	0.28	1919.01	0.000
L2	137.42 - 91.09 (2)	TP50.15x35.1673x0.375	25.91	998.24	0.026	0.07	4177.66	0.000
L3	91.09 - 44.79 (3)	TP62.86x47.413x0.4375	30.85	1461.60	0.021	0.30	7676.71	0.000
L4	44.79 - 0 (4)	TP75x59.537x0.5	36.21	2074.96	0.017	0.30	13537.75	0.000

Pole Interaction Design Data

Section No.	Elevation	Ratio $\frac{P_u}{\phi P_n}$	Ratio $\frac{M_{ux}}{\phi M_{nx}}$	Ratio $\frac{M_{uy}}{\phi M_{ny}}$	Ratio $\frac{V_u}{\phi V_n}$	Ratio $\frac{T_u}{\phi T_n}$	Comb. Stress Ratio	Allow. Stress Ratio	Criteria
	ft								
L1	152 - 137.42 (1)	0.003	0.028	0.000	0.010	0.000	0.031	1.050	4.8.2
L2	137.42 - 91.09 (2)	0.009	0.206	0.000	0.026	0.000	0.216	1.050	4.8.2

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Section No.	Elevation ft	Ratio P_u	Ratio M_{ux}	Ratio M_{uy}	Ratio V_u	Ratio T_u	Comb. Stress Ratio	Allow. Stress Ratio	Criteria
L3	91.09 - 44.79 (3)	0.010	0.301	0.000	0.021	0.000	0.311	1.050	4.8.2
L4	44.79 - 0 (4)	0.011	0.330	0.000	0.017	0.000	0.341	1.050	4.8.2

Section Capacity Table

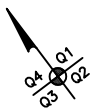
Section No.	Elevation ft	Component Type	Size	Critical Element	P K	ϕP_{allow} K	% Capacity	Pass Fail
L1	152 - 137.42	Pole	TP37.31x33.03x0.3125	1	-5.17	2161.65	3.0	Pass
L2	137.42 - 91.09	Pole	TP50.15x35.1673x0.375	2	-31.10	3493.83	20.6	Pass
L3	91.09 - 44.79	Pole	TP62.86x47.413x0.4375	3	-48.71	5115.60	29.7	Pass
L4	44.79 - 0	Pole	TP75x59.537x0.5	4	-77.66	7262.37	32.5	Pass
							Summary	
							Pole (L4)	32.5
							RATING =	32.5
								Pass

APPENDIX B
BASE LEVEL DRAWING



OTHER CONSIDERED EQUIPMENT—IN (2) 2" CONDUITS
(2) 3/8" TO 116 FT LEVEL
(4) 3/4" TO 116 FT LEVEL
OTHER CONSIDERED EQUIPMENT
(12) 1-1/4" TO 116 FT LEVEL

(OTHER CONSIDERED EQUIPMENT)
(1) 1-1/2" TO 107 FT LEVEL

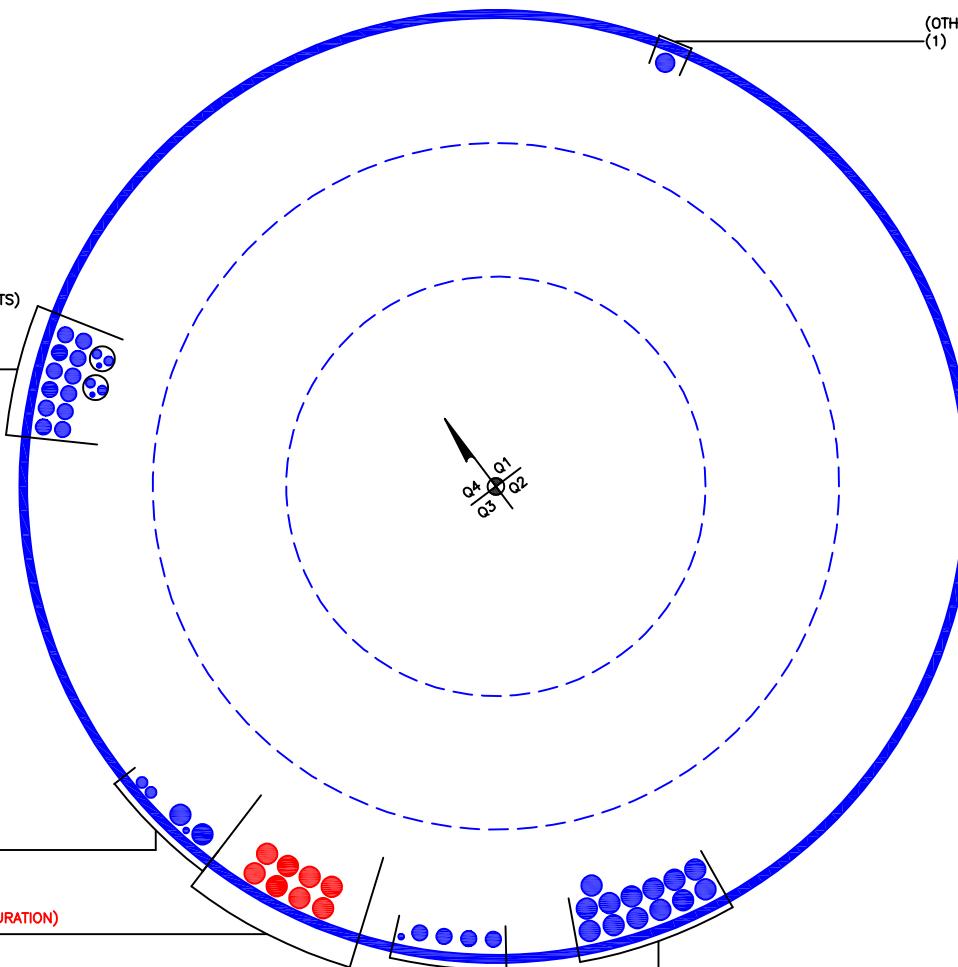


OTHER CONSIDERED EQUIPMENT
(1) 1/2" TO 151 FT LEVEL
(2) 7/8" TO 151 FT LEVEL
(2) 1-5/8" TO 151 FT LEVEL

(PROPOSED EQUIPMENT CONFIGURATION)
(8) 1-5/8" TO 124 FT LEVEL

OTHER CONSIDERED EQUIPMENT
(1) 1/2" TO 74 FT LEVEL
(4) 1-1/4" TO 150 FT LEVEL

OTHER CONSIDERED EQUIPMENT
(13) 1-5/8" TO 133 FT LEVEL



APPENDIX C

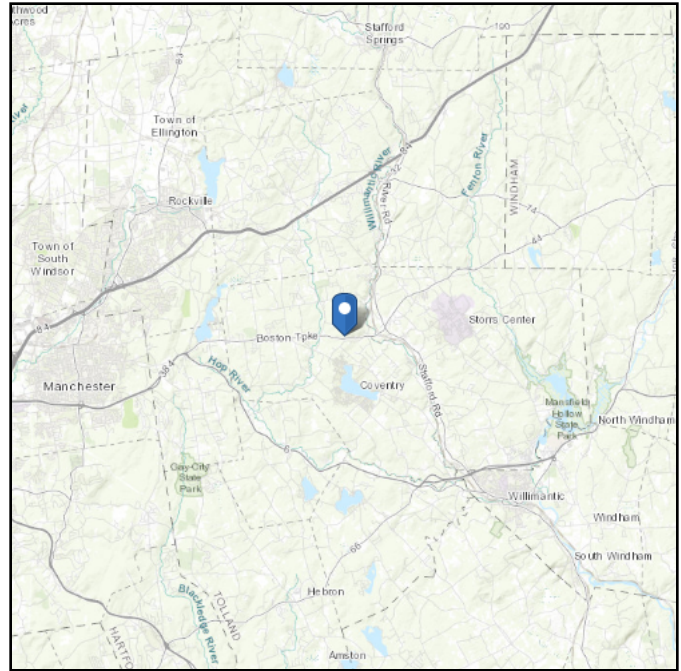
ADDITIONAL CALCULATIONS

ASCE 7 Hazards Report

Address:
No Address at This
Location

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

Elevation: 707.05 ft (NAVD 88)
Latitude: 41.798947
Longitude: -72.332189



Wind

Results:

Wind Speed:	126 Vmph 130 mph per Municipality
10-year MRI	77 Vmph
25-year MRI	87 Vmph
50-year MRI	95 Vmph
100-year MRI	102 Vmph

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

Value provided is 3-second gust wind speeds at 33 ft above ground for Exposure C Category, based on linear interpolation between contours. Wind speeds are interpolated in accordance with the 7-10 Standard. Wind speeds correspond to approximately a 7% probability of exceedance in 50 years (annual exceedance probability = 0.00143, MRI = 700 years).

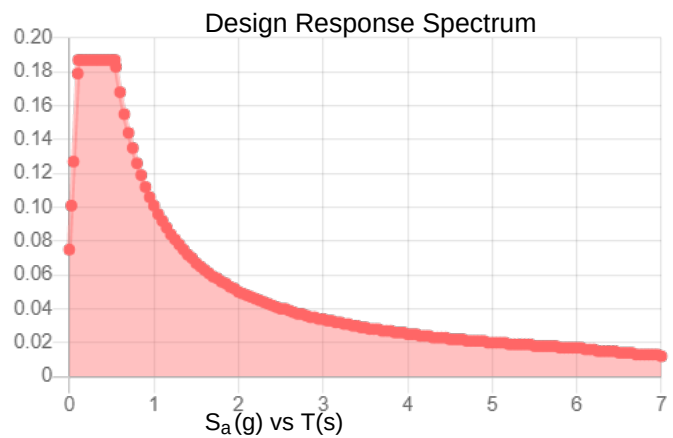
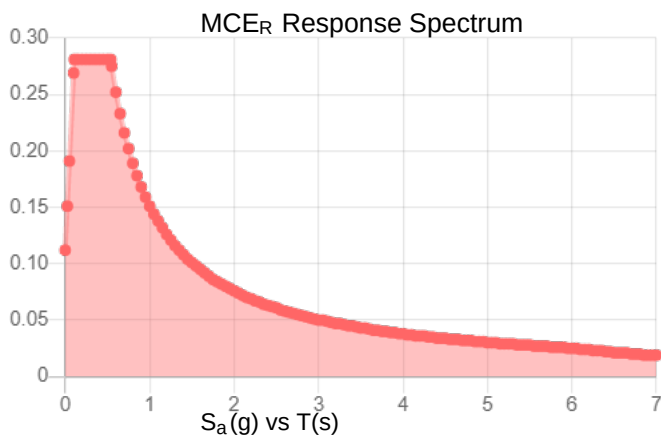
Site is in a hurricane-prone region as defined in ASCE/SEI 7-10 Section 26.2. Glazed openings need not be protected against wind-borne debris.

Site Soil Class: D - Stiff Soil

Results:

S_S :	0.176	S_{DS} :	0.187
S_1 :	0.063	S_{D1} :	0.101
F_a :	1.6	T_L :	6
F_v :	2.4	PGA :	0.088
S_{MS} :	0.281	PGA_M :	0.14
S_{M1} :	0.151	F_{PGA} :	1.6
		I_e :	1

Seismic Design Category B



Data Accessed:

Wed Aug 11 2021

Date Source:

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

Results:

Ice Thickness: 1.00 in.

Concurrent Temperature: 5 F

Gust Speed: 50 mph

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

Date Accessed: Wed Aug 11 2021

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

Values provided are equivalent radial ice thicknesses due to freezing rain with concurrent 3-second gust speeds, for a 50-year mean recurrence interval, and temperatures concurrent with ice thicknesses due to freezing rain. Thicknesses for ice accretions caused by other sources shall be obtained from local meteorological studies. Ice thicknesses in exposed locations at elevations higher than the surrounding terrain and in valleys and gorges may exceed the mapped values.

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

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

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

Monopole Base Plate Connection

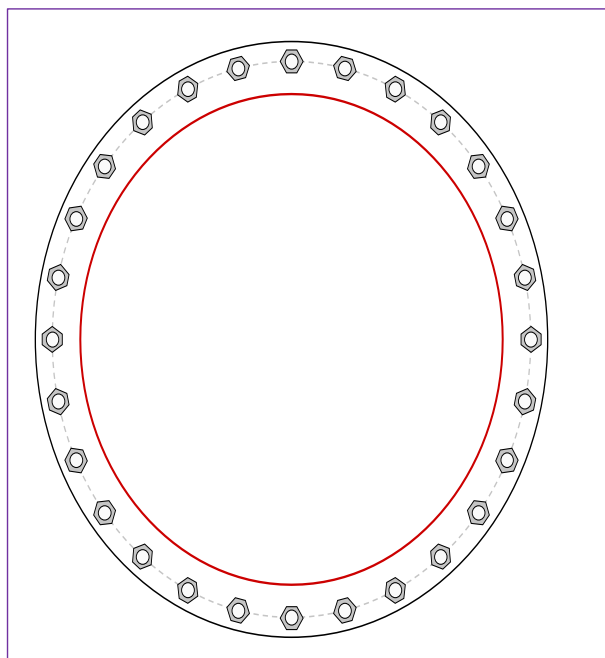


Site Info	
BU #	876385
Site Name	N. Coventry / Wallbeof
Order #	583158 Rev. 1

Analysis Considerations	
TIA-222 Revision	H
Grout Considered:	No
I_{ar} (in)	0.875

Applied Loads	
Moment (kip-ft)	3841.00
Axial Force (kips)	78.00
Shear Force (kips)	36.00

*TIA-222-H Section 15.5 Applied



Connection Properties		Analysis Results	
Anchor Rod Data		Anchor Rod Summary <i>(units of kips, kip-in)</i>	
(28) 2-1/4" ϕ bolts (A615-75 N; $F_y=75$ ksi, $F_u=100$ ksi) on 85" BC		$Pu_t = 74.66$	$\phi Pn_t = 243.75$ Stress Rating
		$Vu = 1.29$	$\phi Vn = 149.1$ 29.2%
		$Mu = n/a$	$\phi Mn = n/a$ Pass
Base Plate Data		Base Plate Summary	
91" OD x 2.25" Plate (A871 GR60; $F_y=60$ ksi, $F_u=75$ ksi)		Max Stress (ksi):	22.75 (Flexural)
Stiffener Data		Allowable Stress (ksi):	54
N/A		Stress Rating:	40.1% Pass
Pole Data			
75" x 0.5" 18-sided pole (A572-65; $F_y=65$ ksi, $F_u=80$ ksi)			

Pier and Pad Foundation



BU #: 876385
 Site Name: N. Coventry / Wallb
 App. Number: 583158 Rev. 1

TIA-222 Revision: H
 Tower Type: Monopole

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

Superstructure Analysis Reactions		
Compression, P_{comp} :	78	kips
Base Shear, V_{u_comp} :	36	kips
Moment, M_u :	3841	ft-kips
Tower Height, H :	152	ft
BP Dist. Above Fdn, bp_{dist} :	3.125	in

Pier Properties		
Pier Shape:	Square	
Pier Diameter, $dpier$:	9	ft
Ext. Above Grade, E :	1	ft
Pier Rebar Size, Sc :	8	
Pier Rebar Quantity, mc :	62	
Pier Tie/Spiral Size, St :	4	
Pier Tie/Spiral Quantity, mt :	10	
Pier Reinforcement Type:	Tie	
Pier Clear Cover, cc_{pier} :	3	in

Pad Properties		
Depth, D :	8	ft
Pad Width, W_1 :	29	ft
Pad Thickness, T :	3	ft
Pad Rebar Size (Top dir.2), Sp_{top2} :	9	
Pad Rebar Quantity (Top dir. 2), mp_{top2} :	25	
Pad Rebar Size (Bottom dir. 2), Sp_2 :	9	
Pad Rebar Quantity (Bottom dir. 2), mp_2 :	54	
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 :	100	pcf
Ultimate Gross Bearing, Q_{ult} :	16.000	ksf
Cohesion, C_u :	0.000	ksf
Friction Angle, ϕ :	0	degrees
SPT Blow Count, N_{blows} :	50	
Base Friction, μ :	0.55	
Neglected Depth, N :	4.50	ft
Foundation Bearing on Rock?	Yes	
Groundwater Depth, gw :	N/A	ft

Foundation Analysis Checks				
	Capacity	Demand	Rating*	Check
Lateral (Sliding) (kips)	376.79	36.00	9.1%	Pass
Bearing Pressure (ksf)	12.00	2.72	21.6%	Pass
Overturning (kip*ft)	10491.01	4174.38	39.8%	Pass
Pier Flexure (Comp.) (kip*ft)	10517.03	4057.00	36.7%	Pass
Pier Compression (kip)	51554.88	165.48	0.3%	Pass
Pad Flexure (kip*ft)	7275.14	1348.28	17.7%	Pass
Pad Shear - 1-way (kips)	1033.61	193.80	17.9%	Pass
Pad Shear - 2-way (Comp) (ksi)	0.190	0.032	16.3%	Pass
Flexural 2-way (Comp) (kip*ft)	6624.33	2434.20	35.0%	Pass

*Rating per TIA-222-H Section 15.5

Structural Rating*:	36.7%
Soil Rating*:	39.8%

--Toggle between Gross and Net

Exhibit E

Mount Analysis



Maser Consulting Connecticut
2000 Midlantic Drive, Suite 100
Mt. Laurel, NJ 08054
856.797.0412
peter.albano@colliersengineering.com

Post-Mod Antenna Mount Analysis Report and PMI Requirements

Mount Fix

SMART Tool Project #: 10091167
Maser Consulting Connecticut Project #: 21777112A

August 9, 2021

Site Information

Site ID: 467222-VZW / COVENTRY NORTH CT
Site Name: COVENTRY NORTH CT
Carrier Name: Verizon Wireless
Address: 400 Riley Mountain Rd
Coventry, Connecticut 06238
Tolland County
Latitude: 41.801389°
Longitude: -72.328333°

Structure Information

Tower Type: Monopole
Mount Type: 14.50-Ft Platform

FUZE ID # 16272145

Analysis Results

Platform: 76.4% Pass

***Contractor PMI Requirements:

Included at the end of this MA report

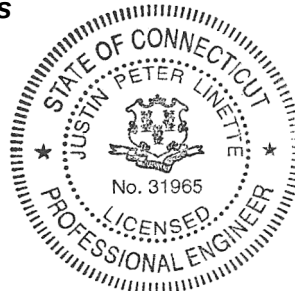
Available & Submitted via portal at <https://pmi.vzwsmart.com>

Contractor - Please Review Specific Site PMI Requirements Upon Award

Requirements also Noted on Mount Modification Drawings

Requirements may also be Noted on A & E drawings

Report Prepared By: Selene Chen



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
Radio Frequency Data Sheet (RFDS)	Verizon RFDS Site ID: 674868, dated July 20, 2021
Mount Mapping Report	Structural Components, Site ID: 16272145, dated February 23, 2021
Mount Analysis Report	Maser Consulting Connecticut, Project #: 21777112A, dated July 28, 2021
Mount Modification Drawings	Maser Consulting Connecticut, Project #: 21777112A, dated August 9, 2021

Analysis Criteria:

Codes and Standards:	ANSI/TIA-222-H
Wind Parameters:	Basic Wind Speed (Ultimate 3-sec. Gust), V_{ULT} : 119 mph Ice Wind Speed (3-sec. Gust): 50 mph Design Ice Thickness: 1.50 in Risk Category: II Exposure Category: B Topographic Category: 1 Topographic Feature Considered: N/A Topographic Method: N/A Ground Elevation Factor, K_e : 0.974
Seismic Parameters:	S_s : 0.187 S_1 : 0.055
Maintenance Parameters:	Wind Speed (3-sec. Gust): 30 mph Maintenance Live Load, L_v : 250 lbs. Maintenance Live Load, L_m : 500 lbs.
Analysis Software:	RISA-3D (V17)

Final Loading Configuration:

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

Mount Elevation (ft)	Equipment Elevation (ft)	Quantity	Manufacturer	Model	Status
124.50	127.00	3	Andrew	LNx-6514DS-A1M	Added
		3	Commscope	NHH-65B-R2B	
		3	Commscope	NHHSS-65B-R2BT0	
		3	Samsung	MT6407-77A	
		2	RFS	DB-B1-6C-12AB-0Z	
		3	Samsung	CBRS RRH - RT4401-48A	
		3	Samsung	RF4439d-25A	
		3	Samsung	RF4440d-13A	

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

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

Standard Conditions:

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

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

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

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

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

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

Analysis Results:

Component	Utilization %	Pass/Fail
Face Horizontal	17.3%	Pass
Standoff Horizontal	44.7%	Pass
Corner Plate	27.4%	Pass
Platform Crossmember	23.7%	Pass
Grating Support	11.1%	Pass
Mount Pipe	43.7%	Pass
Cross Arm Plate	76.4%	Pass
Support Rail	26.8%	Pass
Support Rail Corner	64.6%	Pass
Mount Connection	59.6%	Pass

Structure Rating – (Controlling Utilization of all Components)	76.4%
---	--------------

Recommendation:

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

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

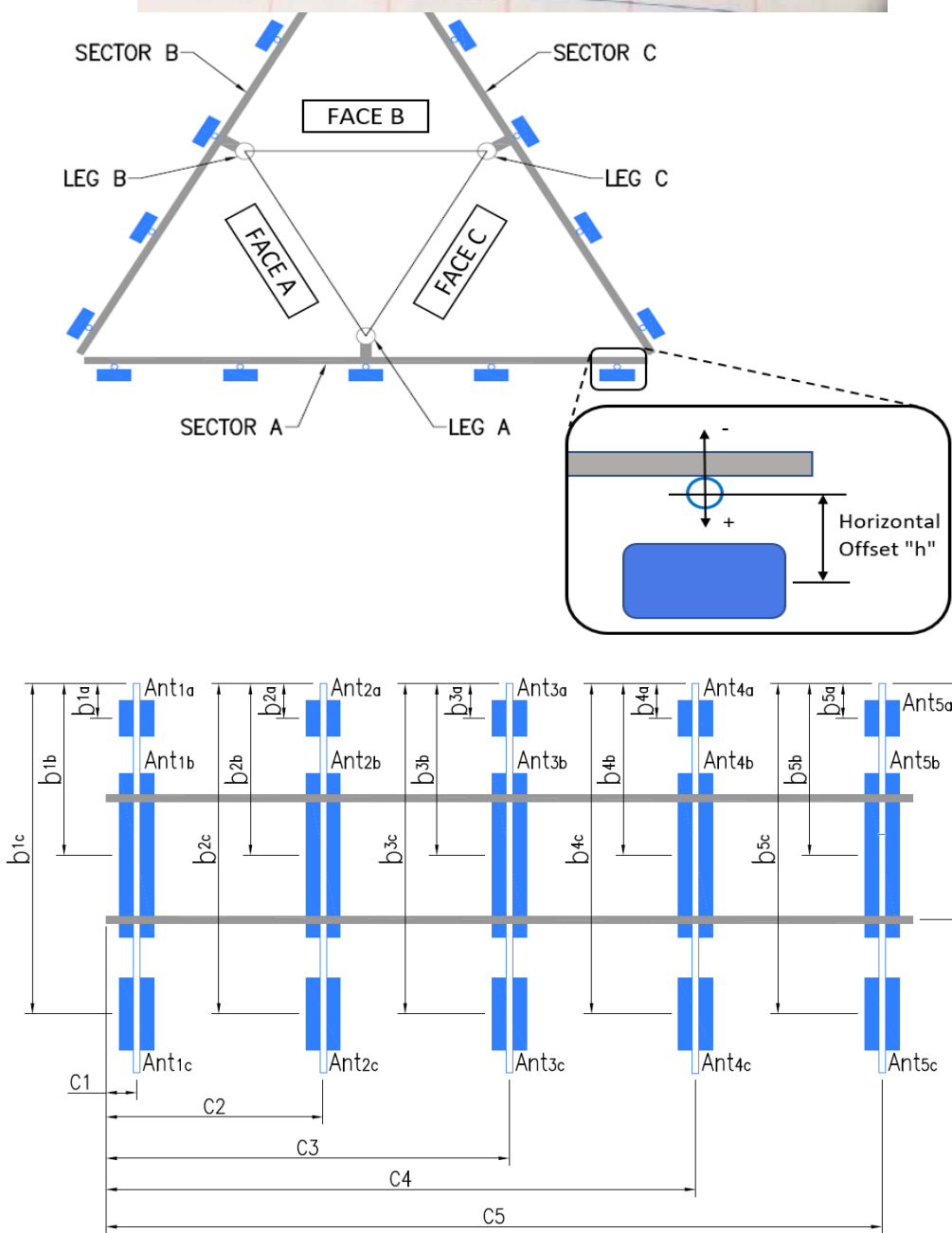
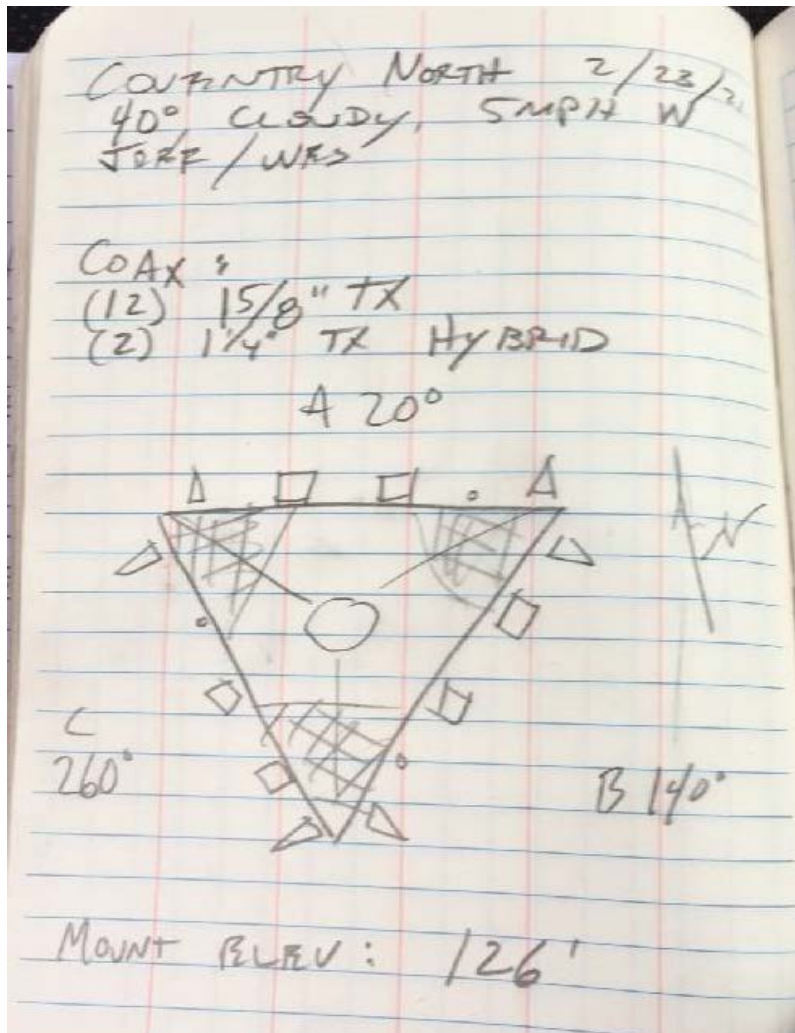
Attachments:

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



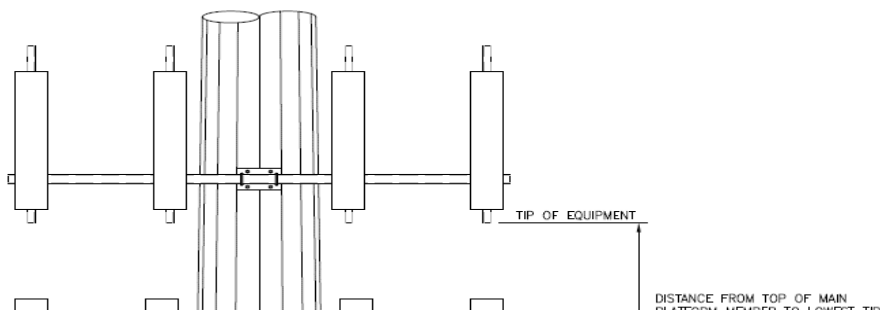
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N/A

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.



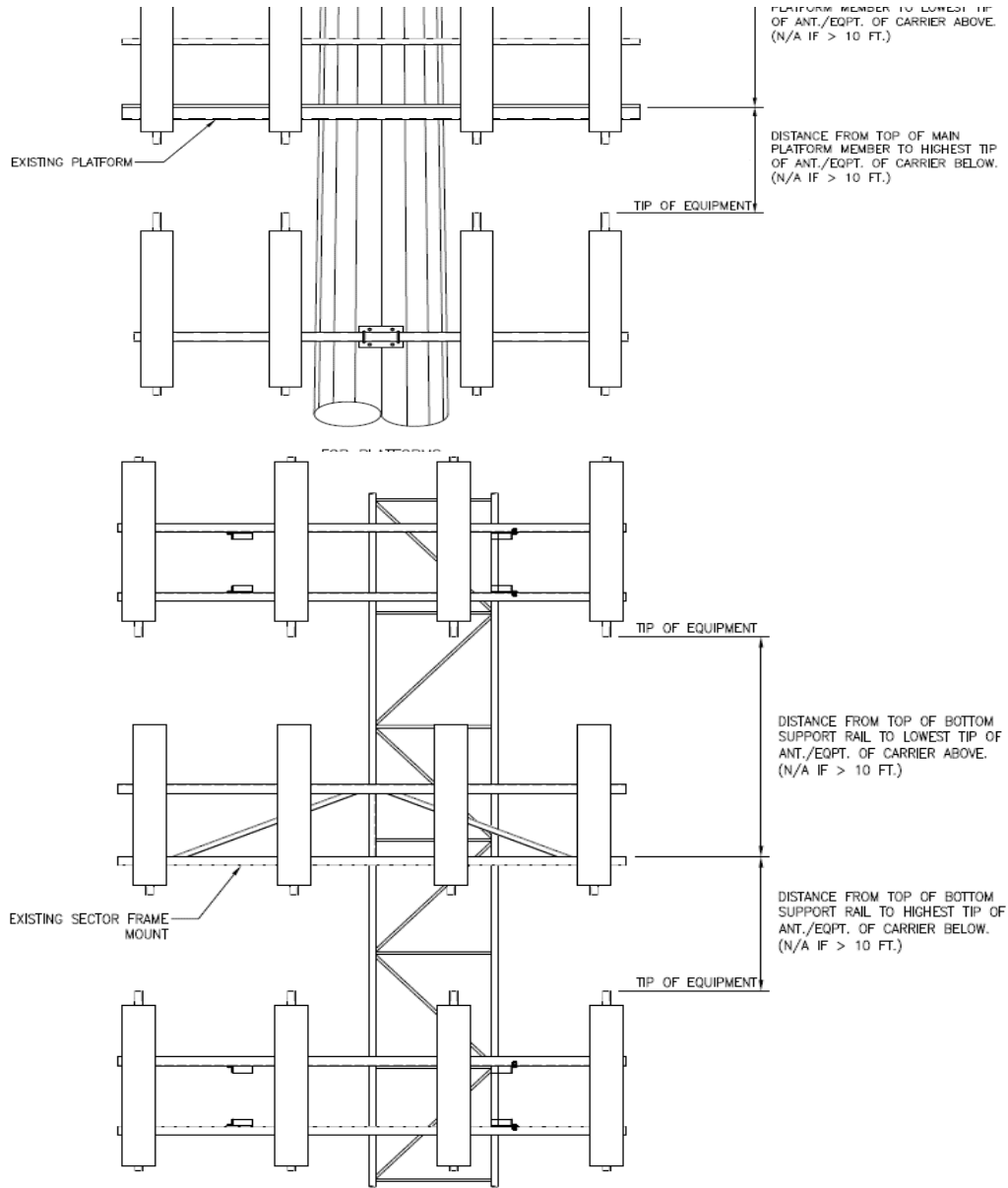
Mount Azimuth (Degree) for Each Sector				Tower Leg Azimuth (Degree) for Each Sector	
for A:	20.00	Deg	Leg A:		Deg
for B:	140.00	Deg	Leg B:		Deg
for C:	260.00	Deg	Leg C:		Deg
for D:		Deg	Leg D:		Deg

Location:		Deg	
Climbing Facility	Corrosion Type:		N/A
	Access:		Climbing path was unobstructed.
	Condition:		Missing safety cable.



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	2-3/8 x 0.154 x 72	54.00	18.00	C1	2-3/8 x 0.154 x 72	54.00	18.00
A2	2-3/8 x 0.154 x 72	54.00	39.50	C2	2-3/8 x 0.154 x 72	54.00	43.00
A3	2-3/8 x 0.154 x 72	54.00	82.00	C3	2-3/8 x 0.154 x 72	54.00	87.00
A4	2-3/8 x 0.154 x 72	52.00	131.00	C4	2-3/8 x 0.154 x 72	52.00	135.50
A5	2-3/8 x 0.154 x 72	54.00	153.00	C5	2-3/8 x 0.154 x 72	54.00	153.50
A6				C6			
B1	2-3/8 x 0.154 x 72	54.00	19.00	D1			
B2	2-3/8 x 0.154 x 72	54.00	41.00	D2			
B3	2-3/8 x 0.154 x 72	54.00	88.50	D3			
B4	2-3/8 x 0.154 x 72	54.00	130.50	D4			
B5	2-3/8 x 0.154 x 72	54.00	156.50	D5			
B6				D6			
Distance between bottom rail and mount CL elevation (dim d). Unit is inches. See 'Mount Elev Ref' tab for details. :							0.00
Distance from top of bottom support rail to lowest tip of ant./eqpt. of Carrier above. (N/A if > 10 ft.) :							5
Distance from top of bottom support rail to highest tip of ant./eqpt. of Carrier below. (N/A if > 10 ft.) :							1.5
Please enter additional information or comments below.							
Equipment above and below is close to VZW mount.. Pics 49 & 61							
Tower Face Width at Mount Elev. (ft.):			Tower Leg Size or Pole Shaft Diameter at Mount Elev. (in.):				40

[illegible]



Ant on Standoff										
Ant on Tower	Raycap RHSDC-3315-	14.00	10.50	19.00	1-1/4" od	131.67	68.00		80.00	199
Ant on Tower										
Sector C										
Ant _{1a}										
Ant _{1b}	Amphonal LPA 800-80	6.00	13.00	72.00	1-5/8 tx	127.75	33.00	13.50	260.00	233
Ant _{1c}										
Ant _{2a}	Alcatel B4 RRH 2x60 -	10.50	5.50	36.00	Jumpers	128.417	25.00	-6.50	260.00	249
Ant _{2b}	SBNHH 1D-65B	12.00	7.00	72.00	Jumpers	126.083	53.00	8.50	260.00	249
Ant _{2c}										
Ant _{3a}	Alcatel B4 RRH 2x60 -	10.50	5.50	36.00	Jumpers	128.667	22.00	-7.00	260.00	243
Ant _{3b}	SBNHH 1D-65B	12.00	7.00	72.00	Jumpers	126.083	53.00	8.50	260.00	243
Ant _{3c}										
Ant _{4a}										
Ant _{4b}	empty					130.333				248
Ant _{4c}										
Ant _{5a}										
Ant _{5b}	Amphonal LPA 800-80	6.00	13.00	72.00	1-5/8 tx	127.75	33.00	13.50	260.00	252
Ant _{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										
Sector D										
Ant _{1a}										
Ant _{1b}										
Ant _{1c}										
Ant _{2a}										
Ant _{2b}										
Ant _{2c}										
Ant _{3a}										
Ant _{3b}										
Ant _{3c}										
Ant _{4a}										
Ant _{4b}										
Ant _{4c}										
Ant _{5a}										
Ant _{5b}										
Ant _{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										

Observed Safety and Structural Issues During the Mount Mapping		
Issue #	Description of Issue	Photo #
1		
2		
3		
4		
5		
6		
7		
8		

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

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



Antenna Mount Mapping Form (PATENT PENDING)

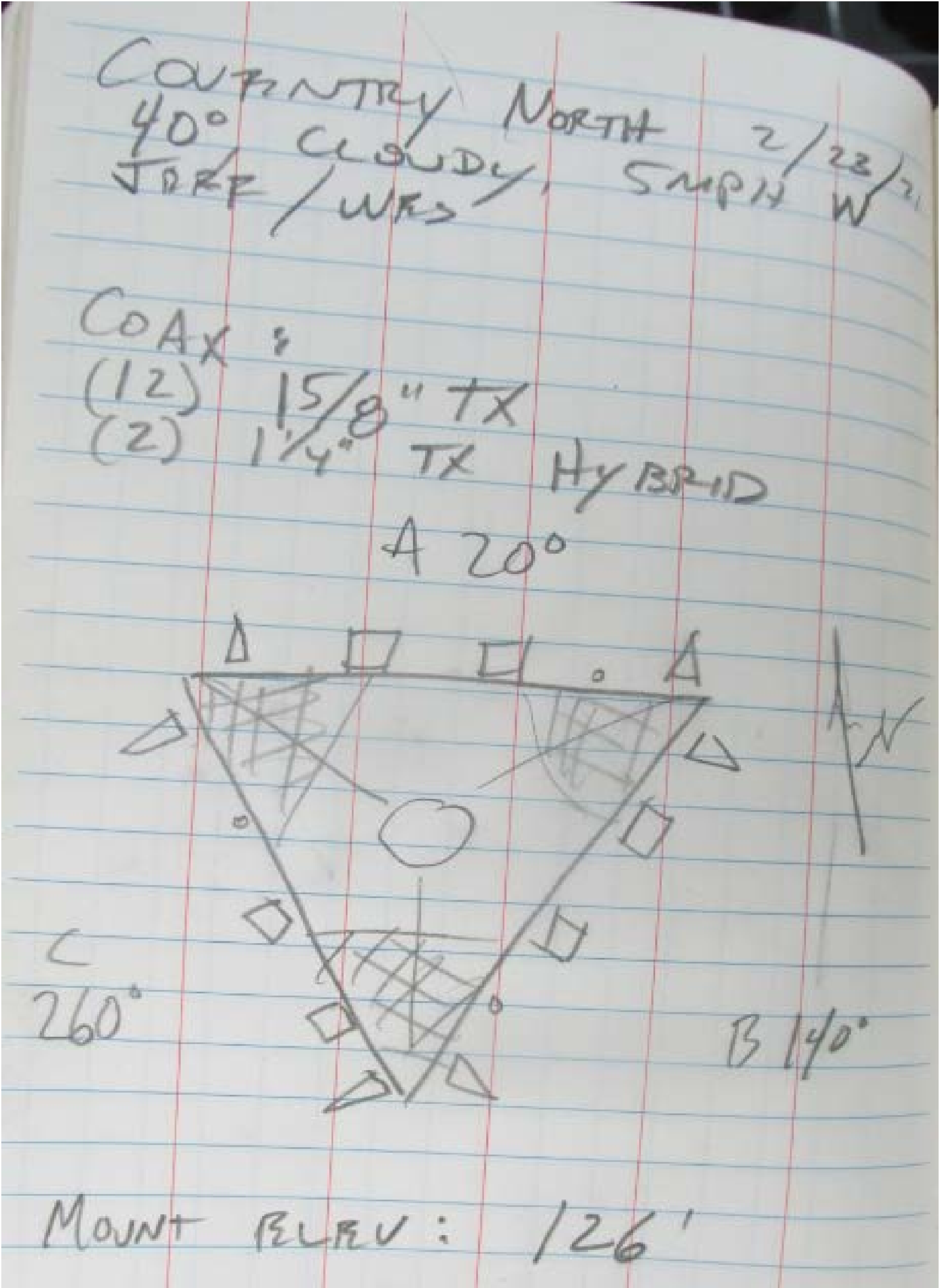
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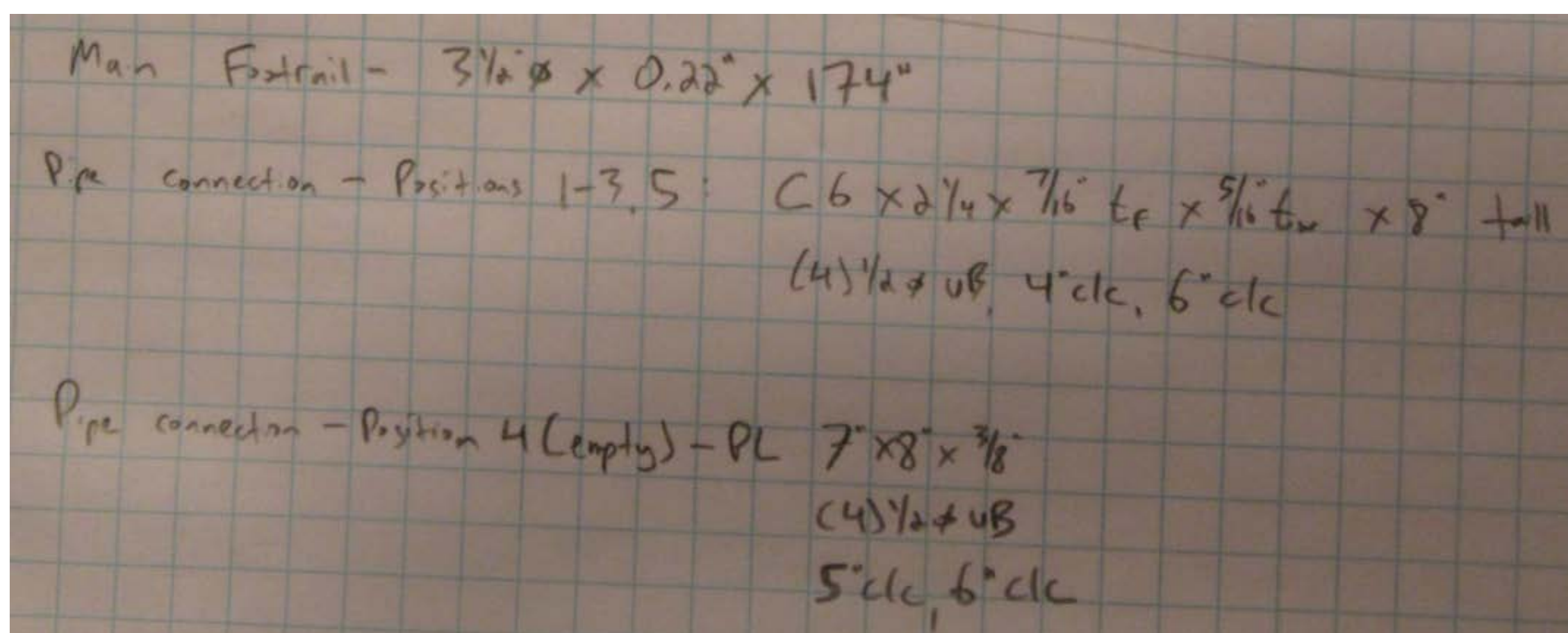
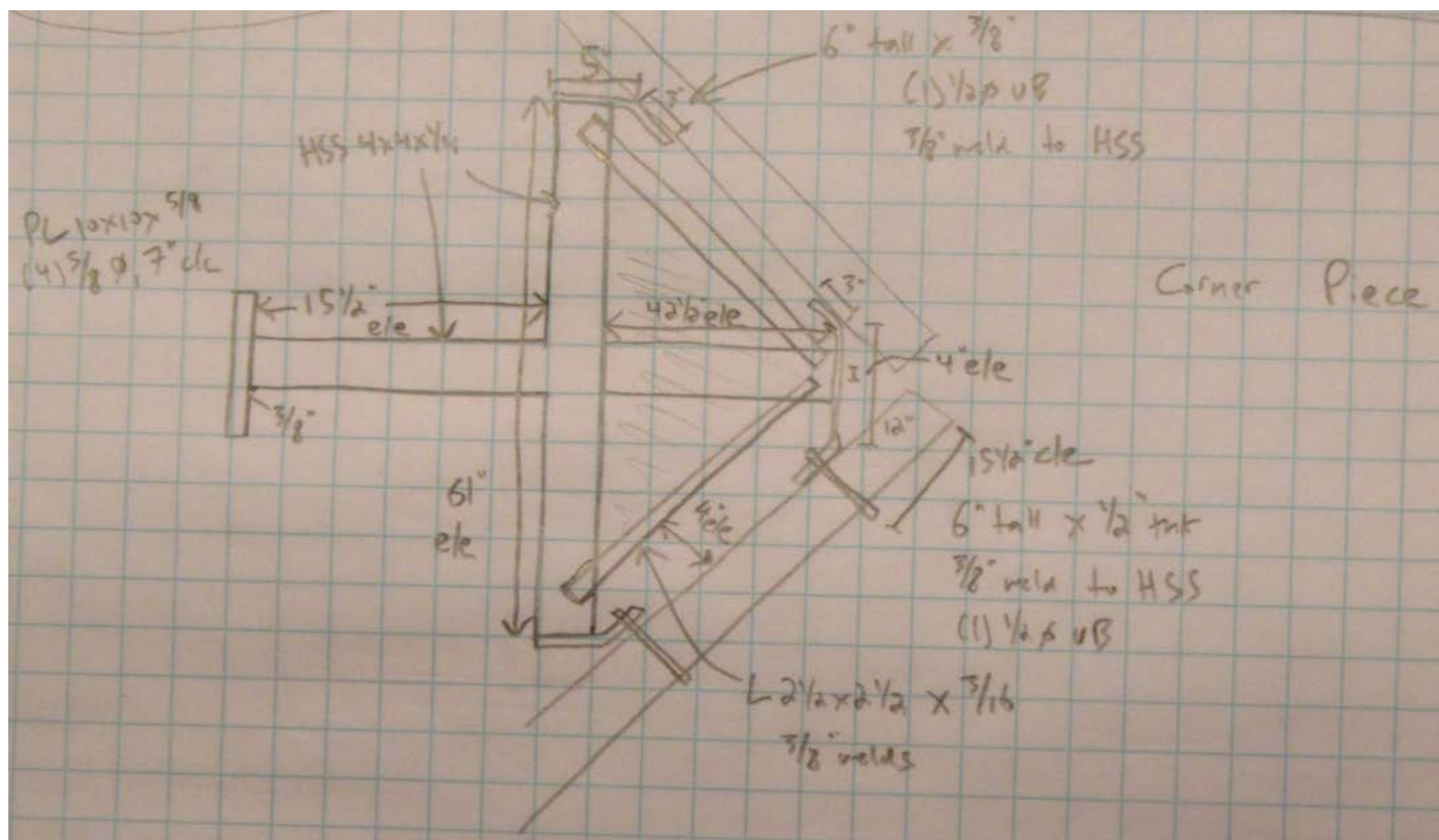
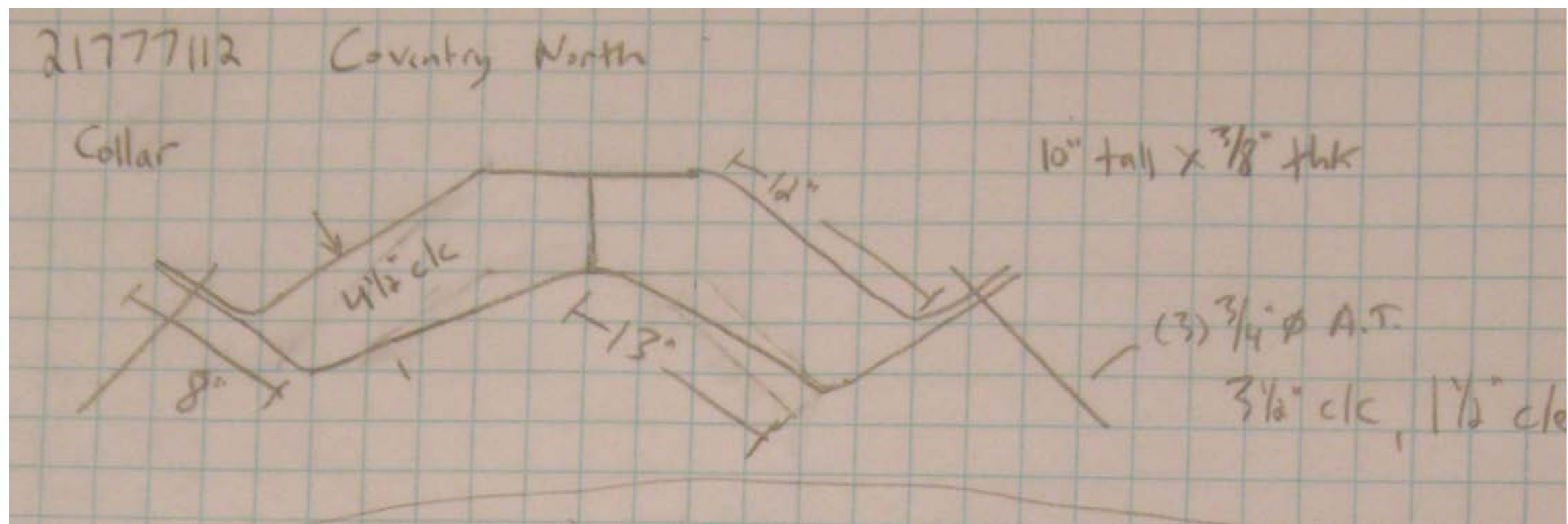
N/A

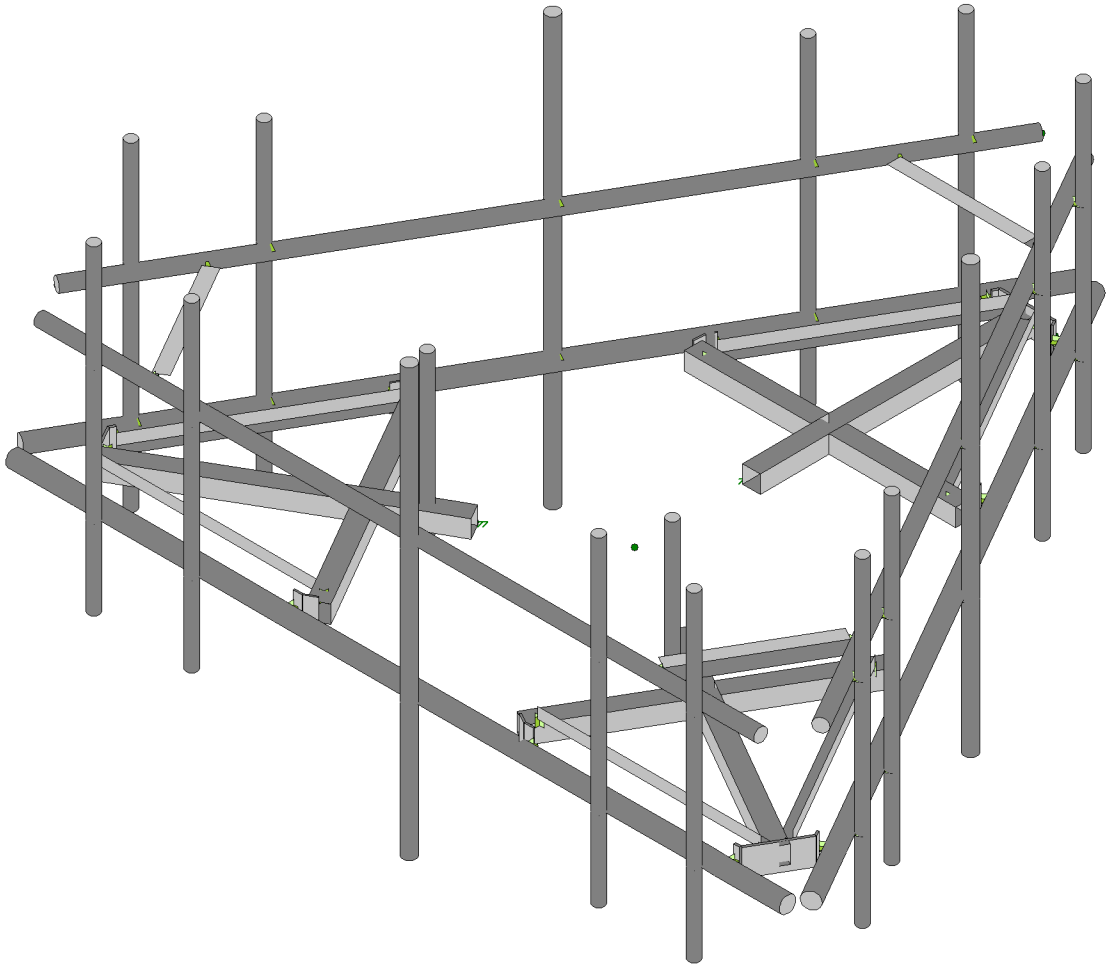
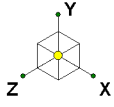
Tower Owner:	Crown Castle	Mapping Date:	2/23/2021
Site Name:	Coventry North CT	Tower Type:	Monopole
Site Number or ID:	16272145	Tower Height (Ft.):	
Mapping Contractor:	Structural Components	Mount Elevation (Ft.):	126

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Please Insert Sketches of the Antenna Mount

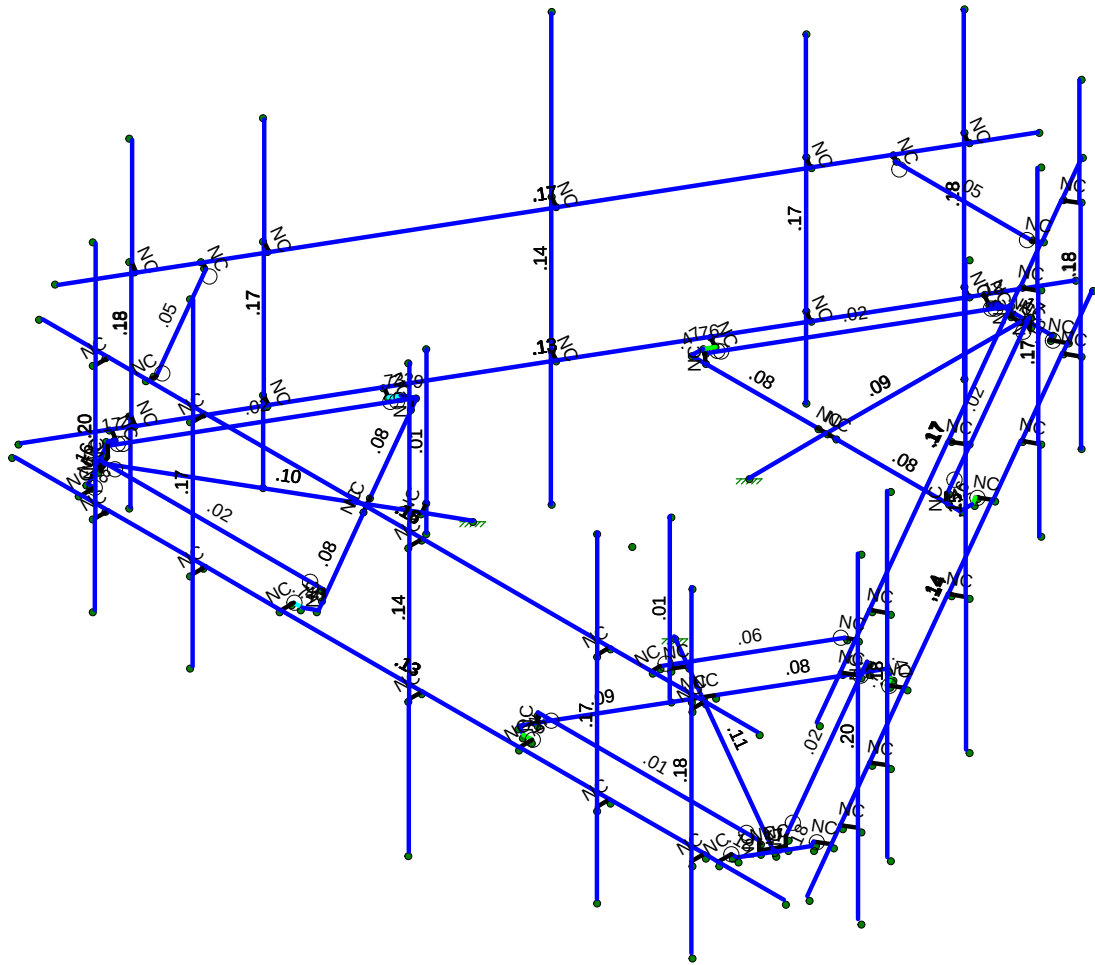
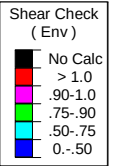
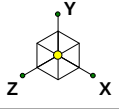






Envelope Only Solution

		SK - 1
		Aug 5, 2021 at 3:37 PM
		467222-VZW_MT_LO_H.r3d

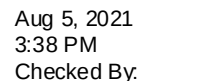


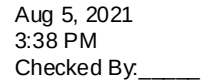
Member Shear Checks Displayed (Enveloped)
Envelope Only Solution

SK - 3

Aug 5, 2021 at 3:37 PM

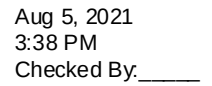
467222-VZW_MT_LO_H.r3d





	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed Area(Me...	Surface(P...
52	Structure Wo (330 Deg)	None						124	
53	Structure Wi (0 Deg)	None						124	
54	Structure Wi (30 Deg)	None						124	
55	Structure Wi (60 Deg)	None						124	
56	Structure Wi (90 Deg)	None						124	
57	Structure Wi (120 Deg)	None						124	
58	Structure Wi (150 Deg)	None						124	
59	Structure Wi (180 Deg)	None						124	
60	Structure Wi (210 Deg)	None						124	
61	Structure Wi (240 Deg)	None						124	
62	Structure Wi (270 Deg)	None						124	
63	Structure Wi (300 Deg)	None						124	
64	Structure Wi (330 Deg)	None						124	
65	Structure Wm (0 Deg)	None						124	
66	Structure Wm (30 Deg)	None						124	
67	Structure Wm (60 Deg)	None						124	
68	Structure Wm (90 Deg)	None						124	
69	Structure Wm (120 Deg)	None						124	
70	Structure Wm (150 Deg)	None						124	
71	Structure Wm (180 Deg)	None						124	
72	Structure Wm (210 Deg)	None						124	
73	Structure Wm (240 Deg)	None						124	
74	Structure Wm (270 Deg)	None						124	
75	Structure Wm (300 Deg)	None						124	
76	Structure Wm (330 Deg)	None						124	
77	Lm1	None					1		
78	Lm2	None					1		
79	Lv1	None					1		
80	Lv2	None					1		
81	BLC 39 Transient Area	None						30	
82	BLC 40 Transient Area	None						30	

	Description	Solve	PDelta	S...	BLCFac..	BLCFac..	BLCFac..	BLCFac..	BLCFac..	BLCFac..	BLCFac..	BLCFac..	BLCFac..	BLCFac..	BLCFac..	BLCFac..	BLCFac..	BLCFac..	BLCFac..	BLCFac..
1	1.2D+1.0Wo (0..	Yes	Y		1	1.2	39	1.2	3	1	41	1								
2	1.2D+1.0Wo (3..	Yes	Y		1	1.2	39	1.2	4	1	42	1								
3	1.2D+1.0Wo (6..	Yes	Y		1	1.2	39	1.2	5	1	43	1								
4	1.2D+1.0Wo (9..	Yes	Y		1	1.2	39	1.2	6	1	44	1								
5	1.2D+1.0Wo (1..	Yes	Y		1	1.2	39	1.2	7	1	45	1								
6	1.2D+1.0Wo (1..	Yes	Y		1	1.2	39	1.2	8	1	46	1								
7	1.2D+1.0Wo (1..	Yes	Y		1	1.2	39	1.2	9	1	47	1								
8	1.2D+1.0Wo (2..	Yes	Y		1	1.2	39	1.2	10	1	48	1								
9	1.2D+1.0Wo (2..	Yes	Y		1	1.2	39	1.2	11	1	49	1								
10	1.2D+1.0Wo (2..	Yes	Y		1	1.2	39	1.2	12	1	50	1								
11	1.2D+1.0Wo (3..	Yes	Y		1	1.2	39	1.2	13	1	51	1								
12	1.2D+1.0Wo (3..	Yes	Y		1	1.2	39	1.2	14	1	52	1								
13	1.2D + 1.0Di + ...	Yes	Y		1	1.2	39	1.2	2	1	40	1	15	1	53	1				
14	1.2D + 1.0Di + ...	Yes	Y		1	1.2	39	1.2	2	1	40	1	16	1	54	1				
15	1.2D + 1.0Di + ...	Yes	Y		1	1.2	39	1.2	2	1	40	1	17	1	55	1				
16	1.2D + 1.0Di + ...	Yes	Y		1	1.2	39	1.2	2	1	40	1	18	1	56	1				



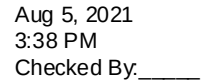
	Description	Solve	PDelta	S...	BLCFac..	BLCFac..	BLCFac..	BLCFac..	BLCFac..	BLCFac..	BLCFac..	BLCFac..	BLCFac..	BLCFac..	BLCFac..	BLCFac..	BLCFac..	BLCFac..	BLCFac..	BLCFac..	BLCFac..	BLCFac..	BLCFac..
17	1.2D + 1.0Di + ...	Yes	Y		1	1.2	39	1.2	2	1	40	1	19	1	57	1							
18	1.2D + 1.0Di + ...	Yes	Y		1	1.2	39	1.2	2	1	40	1	20	1	58	1							
19	1.2D + 1.0Di + ...	Yes	Y		1	1.2	39	1.2	2	1	40	1	21	1	59	1							
20	1.2D + 1.0Di + ...	Yes	Y		1	1.2	39	1.2	2	1	40	1	22	1	60	1							
21	1.2D + 1.0Di + ...	Yes	Y		1	1.2	39	1.2	2	1	40	1	23	1	61	1							
22	1.2D + 1.0Di + ...	Yes	Y		1	1.2	39	1.2	2	1	40	1	24	1	62	1							
23	1.2D + 1.0Di + ...	Yes	Y		1	1.2	39	1.2	2	1	40	1	25	1	63	1							
24	1.2D + 1.0Di + ...	Yes	Y		1	1.2	39	1.2	2	1	40	1	26	1	64	1							
25	1.2D + 1.5Lm1 ..	Yes	Y		1	1.2	39	1.2	77	1.5	27	1	65	1									
26	1.2D + 1.5Lm1 ..	Yes	Y		1	1.2	39	1.2	77	1.5	28	1	66	1									
27	1.2D + 1.5Lm1 ..	Yes	Y		1	1.2	39	1.2	77	1.5	29	1	67	1									
28	1.2D + 1.5Lm1 ..	Yes	Y		1	1.2	39	1.2	77	1.5	30	1	68	1									
29	1.2D + 1.5Lm1 ..	Yes	Y		1	1.2	39	1.2	77	1.5	31	1	69	1									
30	1.2D + 1.5Lm1 ..	Yes	Y		1	1.2	39	1.2	77	1.5	32	1	70	1									
31	1.2D + 1.5Lm1 ..	Yes	Y		1	1.2	39	1.2	77	1.5	33	1	71	1									
32	1.2D + 1.5Lm1 ..	Yes	Y		1	1.2	39	1.2	77	1.5	34	1	72	1									
33	1.2D + 1.5Lm1 ..	Yes	Y		1	1.2	39	1.2	77	1.5	35	1	73	1									
34	1.2D + 1.5Lm1 ..	Yes	Y		1	1.2	39	1.2	77	1.5	36	1	74	1									
35	1.2D + 1.5Lm1 ..	Yes	Y		1	1.2	39	1.2	77	1.5	37	1	75	1									
36	1.2D + 1.5Lm1 ..	Yes	Y		1	1.2	39	1.2	77	1.5	38	1	76	1									
37	1.2D + 1.5Lm2 ..	Yes	Y		1	1.2	39	1.2	78	1.5	27	1	65	1									
38	1.2D + 1.5Lm2 ..	Yes	Y		1	1.2	39	1.2	78	1.5	28	1	66	1									
39	1.2D + 1.5Lm2 ..	Yes	Y		1	1.2	39	1.2	78	1.5	29	1	67	1									
40	1.2D + 1.5Lm2 ..	Yes	Y		1	1.2	39	1.2	78	1.5	30	1	68	1									
41	1.2D + 1.5Lm2 ..	Yes	Y		1	1.2	39	1.2	78	1.5	31	1	69	1									
42	1.2D + 1.5Lm2 ..	Yes	Y		1	1.2	39	1.2	78	1.5	32	1	70	1									

Joint Coordinates and Temperatures

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
1	N1	7.25	0	4.373023	0	
2	N2	-7.25	0	4.373023	0	
3	N3	-0.	0	-2.192742	0	
4	N5	-2.541667	0	-3.651042	0	
5	N8	5.75	0	4.373023	0	
6	N9	5.75	0	4.623023	0	
7	N22	5.75	-1.5	4.623023	0	
8	N23	5.75	4.5	4.623023	0	
9	N24	-0.	0	-3.651042	0	
10	N27	-0.	0	-7.359375	0	
11	CP	0	0	0	0	
12	N101	2.541667	0	-3.651042	0	
13	N102	-0.166667	0	-3.651042	0	
14	N103A	0.166667	0	-3.651042	0	
15	N104A	-2.541667	0	-3.869792	0	
16	N105	2.541667	0	-3.869792	0	
17	N131	2.458333	0	-4.014129	0	
18	N135	0.571615	0	-7.262398	0	
19	N144	-2.458333	0	-4.014129	0	
20	N148	-0.571615	0	-7.262398	0	
21	N86A	2.663564	0	-4.132619	0	
22	N86B	-2.663564	0	-4.132619	0	
23	N86C	-0.515625	0	-7.359375	0	
24	N87A	0.515625	0	-7.359375	0	
25	N86D	0.785342	0	-7.385794	0	
26	N86E	-0.785342	0	-7.385794	0	
27	N88A	-0.	0	-7.276042	0	
28	N86G	0.186125	0	-7.276042	0	
29	N88C	-0.186125	0	-7.276042	0	
30	N54A	-0.186125	0.166667	-7.276042	0	
31	N55	0.186125	0.166667	-7.276042	0	
32	N40	-2.27902	0.166667	-3.651042	0	
33	N41	2.27902	0.166667	-3.651042	0	
34	N39	-2.27902	0	-3.651042	0	
35	N38	2.27902	0	-3.651042	0	
36	N36	0.162149	0	-8.465196	0	
37	N37	7.412149	0	4.092173	0	
38	N39A	-7.412149	0	4.092173	0	
39	N40A	-0.162149	0	-8.465196	0	
40	N40B	-1.89897	0	1.096371	0	
41	N41A	-1.891062	0	4.026669	0	
42	N42	-3.161895	0	1.825521	0	
43	N43	-6.373406	0	3.679688	0	
44	N45	-4.432728	0	-0.375627	0	
45	N46	-3.078562	0	1.969858	0	
46	N47	-3.245228	0	1.681183	0	
47	N48	-2.080505	0	4.136044	0	
48	N49	-4.622171	0	-0.266252	0	
49	N50	-4.705505	0	-0.121914	0	
50	N51	-6.575229	0	3.136166	0	
51	N52	-2.247171	0	4.136044	0	

Joint Coordinates and Temperatures (Continued)

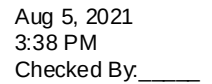
	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
52	N53	-6.003614	0	4.126232	0	
53	N54	-4.910735	0	-0.240404	0	
54	N55A	-2.247171	0	4.373023	0	
55	N56	-6.115593	0	4.126232	0	
56	N57	-6.631218	0	3.233143	0	
57	N58	-6.788956	0	3.012771	0	
58	N59	-6.003614	0	4.373023	0	
59	N60	-6.301237	0	3.638021	0	
60	N61	-6.394299	0	3.476832	0	
61	N62	-6.208174	0	3.79921	0	
62	N63	-6.208174	0.166667	3.79921	0	
63	N64	-6.394299	0.166667	3.476832	0	
64	N65	-2.022385	0.166667	3.79921	0	
65	N66	-4.301405	0.166667	-0.148168	0	
66	N67	-2.022385	0	3.79921	0	
67	N68	-4.301405	0	-0.148168	0	
68	N69	1.89897	0	1.096371	0	
69	N70	4.432728	0	-0.375627	0	
70	N71	3.161895	0	1.825521	0	
71	N72	6.373406	0	3.679688	0	
72	N74	1.891062	0	4.026669	0	
73	N75	3.245228	0	1.681183	0	
74	N76	3.078562	0	1.969858	0	
75	N77	4.622171	0	-0.266252	0	
76	N78	2.080505	0	4.136044	0	
77	N79	2.247171	0	4.136044	0	
78	N80	6.003614	0	4.126232	0	
79	N81	4.705505	0	-0.121915	0	
80	N82	6.575229	0	3.136166	0	
81	N83	2.247171	0	4.373023	0	
82	N84	4.910735	0	-0.240404	0	
83	N85	6.631218	0	3.233143	0	
84	N86	6.115593	0	4.126232	0	
85	N87	6.003614	0	4.373023	0	
86	N88	6.788956	0	3.012771	0	
87	N89	6.301237	0	3.638021	0	
88	N90	6.208174	0	3.79921	0	
89	N91	6.394299	0	3.476832	0	
90	N92	6.394299	0.166667	3.476832	0	
91	N93	6.208174	0.166667	3.79921	0	
92	N94	4.301405	0.166667	-0.148168	0	
93	N95	2.022385	0.166667	3.79921	0	
94	N96	4.301405	0	-0.148168	0	
95	N97	2.022385	0	3.79921	0	
96	N96A	3.958333	0	4.373023	0	
97	N97A	3.958333	0	4.623023	0	
98	N98	3.958333	-1.5	4.623023	0	
99	N99	3.958333	4.5	4.623023	0	
100	N100	0.416667	0	4.373023	0	
101	N101A	0.416667	0	4.623023	0	
102	N102A	0.416667	-2.5	4.623023	0	
103	N103	0.416667	5.5	4.623023	0	



	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
104	N104	-3.666667	0	4.373023	0	
105	N105A	-3.666667	0	4.623023	0	
106	N106	-3.666667	-1.5	4.623023	0	
107	N107	-3.666667	4.5	4.623023	0	
108	N108	-5.5	0	4.373023	0	
109	N109	-5.5	0	4.623023	0	
110	N110	-5.5	-1.5	4.623023	0	
111	N111	-5.5	4.5	4.623023	0	
112	N112	0.912149	0	-7.166158	0	
113	N113	1.128656	0	-7.291158	0	
114	N114	1.128656	-1.5	-7.291158	0	
115	N115	1.128656	4.5	-7.291158	0	
116	N117	1.953816	0	-5.361938	0	
117	N118	2.170322	0	-5.486938	0	
118	N119	2.170322	-1.5	-5.486938	0	
119	N120	2.170322	4.5	-5.486938	0	
120	N121	3.787149	0	-2.186512	0	
121	N122	4.003656	0	-2.311512	0	
122	N123	4.003656	-2.5	-2.311512	0	
123	N124	4.003656	5.5	-2.311512	0	
124	N125	5.807983	0	1.313674	0	
125	N126	6.024489	0	1.188674	0	
126	N127	6.024489	-1.5	1.188674	0	
127	N128	6.024489	4.5	1.188674	0	
128	N129	6.557983	0	2.612712	0	
129	N130	6.774489	0	2.487712	0	
130	N131A	6.774489	-1.5	2.487712	0	
131	N132	6.774489	4.5	2.487712	0	
132	N133	-6.620483	0	2.720966	0	
133	N134	-6.836989	0	2.595966	0	
134	N135A	-6.836989	-1.5	2.595966	0	
135	N136	-6.836989	4.5	2.595966	0	
136	N138	-5.703816	0	1.133252	0	
137	N139	-5.920322	0	1.008252	0	
138	N140	-5.920322	-1.5	1.008252	0	
139	N141	-5.920322	4.5	1.008252	0	
140	N142	-3.724649	0	-2.294765	0	
141	N143	-3.941156	0	-2.419765	0	
142	N144A	-3.941156	-2.5	-2.419765	0	
143	N145	-3.941156	5.5	-2.419765	0	
144	N146	-1.974649	0	-5.325854	0	
145	N147	-2.191156	0	-5.450854	0	
146	N148A	-2.191156	-1.5	-5.450854	0	
147	N149	-2.191156	4.5	-5.450854	0	
148	N150	-0.891316	0	-7.202242	0	
149	N151	-1.107822	0	-7.327242	0	
150	N152	-1.107822	-1.5	-7.327242	0	
151	N153	-1.107822	4.5	-7.327242	0	
152	N152A	-2.512376	0	1.450521	0	
153	N153A	-2.637376	0	1.234014	0	
154	N154	-2.637376	-.5	1.234014	0	
155	N155	-2.637376	2.5	1.234014	0	

Joint Coordinates and Temperatures (Continued)

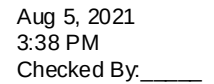
	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
156	N157	2.512376	0	1.450521	0	
157	N158	2.387376	0	1.667027	0	
158	N159	2.387376	-5	1.667027	0	
159	N160	2.387376	2.5	1.667027	0	
160	N160A	6.75	2.5	4.373023	0	
161	N161	-6.75	2.5	4.373023	0	
162	N162	5.75	2.5	4.373023	0	
163	N163	5.75	2.5	4.623023	0	
164	N164	3.958333	2.5	4.373023	0	
165	N165	3.958333	2.5	4.623023	0	
166	N166	0.416667	2.5	4.373023	0	
167	N167	0.416667	2.5	4.623023	0	
168	N168	-3.666667	2.5	4.373023	0	
169	N169	-3.666667	2.5	4.623023	0	
170	N170	-5.5	2.5	4.373023	0	
171	N171	-5.5	2.5	4.623023	0	
172	N173	0.412149	2.5	-8.032183	0	
173	N174	7.162149	2.5	3.65916	0	
174	N186	-7.162149	2.5	3.65916	0	
175	N187	-0.412149	2.5	-8.032183	0	
176	N196A	-4.75	2.5	4.373023	0	
177	N197A	4.75	2.5	4.373023	0	
178	N198	-4.75	2.5	4.223023	0	
179	N199	4.75	2.5	4.223023	0	
180	N201	6.162149	2.5	1.927109	0	
181	N202	1.412149	2.5	-6.300132	0	
182	N203	6.032245	2.5	2.002109	0	
183	N204	1.282245	2.5	-6.225132	0	
184	N206	-1.412149	2.5	-6.300132	0	
185	N207	-6.162149	2.5	1.927109	0	
186	N208	-1.282245	2.5	-6.225132	0	
187	N209	-6.032245	2.5	2.002109	0	
188	N188	0.912149	2.5	-7.166158	0	
189	N189	1.128656	2.5	-7.291158	0	
190	N190	1.953816	2.5	-5.361938	0	
191	N191	2.170322	2.5	-5.486938	0	
192	N192	3.787149	2.5	-2.186512	0	
193	N193	4.003656	2.5	-2.311512	0	
194	N194	5.807983	2.5	1.313674	0	
195	N195	6.024489	2.5	1.188674	0	
196	N196	6.557983	2.5	2.612712	0	
197	N197	6.774489	2.5	2.487712	0	
198	N198A	-6.620483	2.5	2.720966	0	
199	N199A	-6.836989	2.5	2.595966	0	
200	N200	-5.703816	2.5	1.133252	0	
201	N201A	-5.920322	2.5	1.008252	0	
202	N202A	-3.724649	2.5	-2.294765	0	
203	N203A	-3.941156	2.5	-2.419765	0	
204	N204A	-1.974649	2.5	-5.325854	0	
205	N205	-2.191156	2.5	-5.450854	0	
206	N206A	-0.891316	2.5	-7.202242	0	
207	N207A	-1.107822	2.5	-7.327242	0	



	Label	Shape	Type	Design List	Material	Design Ru...	A [in2]	Iyy [in4]	Izz [in4]	J [in4]
1	Face Horizontal	PIPE 3.0	Beam	Pipe	A53 Gr.B	Typical	2.07	2.85	2.85	5.69
2	Standoff Horizontal	HSS4X4X4	Beam	SquareTube	A500 Gr.B ...	Typical	3.37	7.8	7.8	12.8
3	Corner Plate	PL1/2X6	Beam	BAR	A36 Gr.36	Typical	3	.063	9	.237
4	Platform Crossme...	HSS4X4X4	Beam	SquareTube	A500 Gr.B ...	Typical	3.37	7.8	7.8	12.8
5	Grating Support	L2.5x2.5x3	Beam	Single Angle	A36 Gr.36	Typical	.901	.535	.535	.011
6	Mount Pipe	PIPE 2.0	Column	Pipe	A53 Gr.B	Typical	1.02	.627	.627	1.25
7	Cross Arm Plate	PL3/8x6	Column	RECT	A36 Gr.36	Typical	2.25	.026	6.75	.101
8	Equipment Pipe	PIPE 2.0	Column	Pipe	A53 Gr.B	Typical	1.02	.627	.627	1.25
9	P2.5 Mount Pipe	PIPE 2.5	Column	Pipe	A53 Gr.B	Typical	1.61	1.45	1.45	2.89
10	Support Rail	PIPE 2.5	Beam	Pipe	A53 Gr.B	Typical	1.61	1.45	1.45	2.89
11	Support Rail Corne...	L3X3X4	Beam	Single Angle	A36 Gr.36	Typical	1.44	1.23	1.23	.031

	Label	E [ksi]	G [ksi]	Nu	Therm (/1E...	Density[k/ft...	Yield[ksi]	Ry	Fu[ksi]	Rt
1	A992	29000	11154	.3	.65	.49	50	1.1	65	1.1
2	A36 Gr.36	29000	11154	.3	.65	.49	36	1.5	58	1.2
3	A572 Gr.50	29000	11154	.3	.65	.49	50	1.1	65	1.1
4	A500 Gr.B RND	29000	11154	.3	.65	.527	42	1.4	58	1.3
5	A500 Gr.B Rect	29000	11154	.3	.65	.527	46	1.4	58	1.3
6	A53 Gr.B	29000	11154	.3	.65	.49	35	1.6	60	1.2
7	A1085	29000	11154	.3	.65	.49	50	1.4	65	1.3
8	Q235	29000	11154	.3	.65	.49	35	1.5	58	1.2

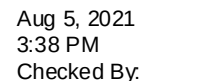
	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
1	M1	N1	N2			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
2	M4	N3	N27			Standoff Horiz...	Beam	SquareTube	A500 Gr.B...	Typical
3	M10	N101	N103A			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
4	M19	N8	N9			RIGID	None	None	RIGID	Typical
5	MP1A	N23	N22			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
6	M43	N102	N5			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
7	M46	N86C	N87A			Corner Plate	Beam	BAR	A36 Gr.36	Typical
8	M51B	N55	N41			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
9	M52B	N40	N54A			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
10	M58	N102	N24			RIGID	None	None	RIGID	Typical
11	M59	N24	N103A			RIGID	None	None	RIGID	Typical
12	M76	N101	N105			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
13	M77	N105	N131			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
14	M79	N131	N86A			RIGID	None	None	RIGID	Typical
15	M80	N87A	N135			Corner Plate	Beam	BAR	A36 Gr.36	Typical
16	M83	N135	N86D			RIGID	None	None	RIGID	Typical
17	M84	N5	N104A			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
18	M85	N104A	N144			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
19	M88	N144	N86B			RIGID	None	None	RIGID	Typical
20	M91	N86C	N148			Corner Plate	Beam	BAR	A36 Gr.36	Typical
21	M92	N148	N86E			RIGID	None	None	RIGID	Typical
22	M50	N88C	N88A			RIGID	None	None	RIGID	Typical
23	M51	N88A	N86G			RIGID	None	None	RIGID	Typical



	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
24	M37A	N54A	N88C			RIGID	None	None	RIGID	Typical
25	M37B	N55	N86G			RIGID	None	None	RIGID	Typical
26	M28	N40	N39			RIGID	None	None	RIGID	Typical
27	M28A	N41	N38			RIGID	None	None	RIGID	Typical
28	M28B	N36	N37			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
29	M29	N39A	N40A			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
30	M30	N40B	N43			Standoff Horiz...	Beam	SquareTube	A500 Gr.B...	Typical
31	M31	N45	N47			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
32	M32	N46	N41A			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
33	M33	N56	N57			Corner Plate	Beam	BAR	A36 Gr.36	Typical
34	M34	N64	N66			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
35	M35	N65	N63			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
36	M36	N46	N42			RIGID	None	None	RIGID	Typical
37	M37	N42	N47			RIGID	None	None	RIGID	Typical
38	M38	N45	N49			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
39	M39	N49	N50			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
40	M40	N50	N54			RIGID	None	None	RIGID	Typical
41	M41	N57	N51			Corner Plate	Beam	BAR	A36 Gr.36	Typical
42	M42	N51	N58			RIGID	None	None	RIGID	Typical
43	M43A	N41A	N48			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
44	M44	N48	N52			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
45	M45	N52	N55A			RIGID	None	None	RIGID	Typical
46	M46A	N56	N53			Corner Plate	Beam	BAR	A36 Gr.36	Typical
47	M47	N53	N59			RIGID	None	None	RIGID	Typical
48	M48	N62	N60			RIGID	None	None	RIGID	Typical
49	M49	N60	N61			RIGID	None	None	RIGID	Typical
50	M50A	N63	N62			RIGID	None	None	RIGID	Typical
51	M51A	N64	N61			RIGID	None	None	RIGID	Typical
52	M52	N65	N67			RIGID	None	None	RIGID	Typical
53	M53	N66	N68			RIGID	None	None	RIGID	Typical
54	M54	N69	N72			Standoff Horiz...	Beam	SquareTube	A500 Gr.B...	Typical
55	M55	N74	N76			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
56	M56	N75	N70			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
57	M57	N85	N86			Corner Plate	Beam	BAR	A36 Gr.36	Typical
58	M58A	N93	N95			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
59	M59A	N94	N92			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
60	M60	N75	N71			RIGID	None	None	RIGID	Typical
61	M61	N71	N76			RIGID	None	None	RIGID	Typical
62	M62	N74	N78			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
63	M63	N78	N79			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
64	M64	N79	N83			RIGID	None	None	RIGID	Typical
65	M65	N86	N80			Corner Plate	Beam	BAR	A36 Gr.36	Typical
66	M66	N80	N87			RIGID	None	None	RIGID	Typical
67	M67	N70	N77			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
68	M68	N77	N81			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
69	M69	N81	N84			RIGID	None	None	RIGID	Typical
70	M70	N85	N82			Corner Plate	Beam	BAR	A36 Gr.36	Typical
71	M71	N82	N88			RIGID	None	None	RIGID	Typical
72	M72	N91	N89			RIGID	None	None	RIGID	Typical
73	M73	N89	N90			RIGID	None	None	RIGID	Typical
74	M74	N92	N91			RIGID	None	None	RIGID	Typical
75	M75	N93	N90			RIGID	None	None	RIGID	Typical

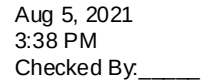
Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
76	M76A	N94	N96			RIGID	None	None	RIGID	Typical
77	M77A	N95	N97			RIGID	None	None	RIGID	Typical
78	M78	N96A	N97A			RIGID	None	None	RIGID	Typical
79	MP2A	N99	N98			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
80	M80A	N100	N101A			RIGID	None	None	RIGID	Typical
81	MP3A	N103	N102A			P2.5 Mount Pipe	Column	Pipe	A53 Gr.B	Typical
82	M82	N104	N105A			RIGID	None	None	RIGID	Typical
83	MP4A	N107	N106			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
84	M84A	N108	N109			RIGID	None	None	RIGID	Typical
85	MP5A	N111	N110			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
86	M86	N112	N113			RIGID	None	None	RIGID	Typical
87	MP1C	N115	N114			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
88	M88A	N117	N118			RIGID	None	None	RIGID	Typical
89	MP2C	N120	N119			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
90	M90	N121	N122			RIGID	None	None	RIGID	Typical
91	MP3C	N124	N123			P2.5 Mount Pipe	Column	Pipe	A53 Gr.B	Typical
92	M92A	N125	N126			RIGID	None	None	RIGID	Typical
93	MP4C	N128	N127			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
94	M94	N129	N130			RIGID	None	None	RIGID	Typical
95	MP5C	N132	N131A			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
96	M96	N133	N134			RIGID	None	None	RIGID	Typical
97	MP1B	N136	N135A			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
98	M98	N138	N139			RIGID	None	None	RIGID	Typical
99	MP2B	N141	N140			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
100	M100	N142	N143			RIGID	None	None	RIGID	Typical
101	MP3B	N145	N144A			P2.5 Mount Pipe	Column	Pipe	A53 Gr.B	Typical
102	M102	N146	N147			RIGID	None	None	RIGID	Typical
103	MP4B	N149	N148A			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
104	M104	N150	N151			RIGID	None	None	RIGID	Typical
105	MP5B	N153	N152			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
106	M106	N155	N154			Equipment Pipe	Column	Pipe	A53 Gr.B	Typical
107	M107	N152A	N153A			RIGID	None	None	RIGID	Typical
108	M108	N160	N159			Equipment Pipe	Column	Pipe	A53 Gr.B	Typical
109	M109	N157	N158			RIGID	None	None	RIGID	Typical
110	M110	N160A	N161			Support Rail	Beam	Pipe	A53 Gr.B	Typical
111	M111	N162	N163			RIGID	None	None	RIGID	Typical
112	M112	N164	N165			RIGID	None	None	RIGID	Typical
113	M113	N166	N167			RIGID	None	None	RIGID	Typical
114	M114	N168	N169			RIGID	None	None	RIGID	Typical
115	M115	N170	N171			RIGID	None	None	RIGID	Typical
116	M116	N173	N174			Support Rail	Beam	Pipe	A53 Gr.B	Typical
117	M122	N186	N187			Support Rail	Beam	Pipe	A53 Gr.B	Typical
118	M128	N196A	N198			RIGID	None	None	RIGID	Typical
119	M129	N197A	N199			RIGID	None	None	RIGID	Typical
120	M130	N201	N203			RIGID	None	None	RIGID	Typical
121	M131	N202	N204			RIGID	None	None	RIGID	Typical
122	M132	N206	N208			RIGID	None	None	RIGID	Typical
123	M133	N207	N209			RIGID	None	None	RIGID	Typical
124	M134	N208	N204		90	Support Rail C...	Beam	Single Angle	A36 Gr.36	Typical
125	M135	N198	N209		90	Support Rail C...	Beam	Single Angle	A36 Gr.36	Typical
126	M136	N203	N199		90	Support Rail C...	Beam	Single Angle	A36 Gr.36	Typical
127	M127	N188	N189			RIGID	None	None	RIGID	Typical

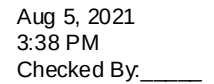


	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
128	M128A	N190	N191			RIGID	None	None	RIGID	Typical
129	M129A	N192	N193			RIGID	None	None	RIGID	Typical
130	M130A	N194	N195			RIGID	None	None	RIGID	Typical
131	M131A	N196	N197			RIGID	None	None	RIGID	Typical
132	M132A	N198A	N199A			RIGID	None	None	RIGID	Typical
133	M133A	N200	N201A			RIGID	None	None	RIGID	Typical
134	M134A	N202A	N203A			RIGID	None	None	RIGID	Typical
135	M135A	N204A	N205			RIGID	None	None	RIGID	Typical
136	M136A	N206A	N207A			RIGID	None	None	RIGID	Typical

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic ...
1	M1						Yes	Default			None
2	M4						Yes	Default			None
3	M10						Yes	Default			None
4	M19						Yes	** NA **			None
5	MP1A						Yes	** NA **			None
6	M43						Yes	Default			None
7	M46						Yes	Default			None
8	M51B	OOOOOX	OOOOOX				Yes	Default			None
9	M52B	OOOOOX	OOOOOX				Yes	Default			None
10	M58						Yes	** NA **			None
11	M59						Yes	** NA **			None
12	M76						Yes	** NA **			None
13	M77						Yes	** NA **			None
14	M79		BenPIN				Yes	** NA **			None
15	M80						Yes				None
16	M83		BenPIN				Yes	** NA **			None
17	M84						Yes	** NA **			None
18	M85						Yes	** NA **			None
19	M88		BenPIN				Yes	** NA **			None
20	M91						Yes				None
21	M92		BenPIN				Yes	** NA **			None
22	M50						Yes	** NA **			None
23	M51						Yes	** NA **			None
24	M37A						Yes	** NA **			None
25	M37B						Yes	** NA **			None
26	M28						Yes	** NA **			None
27	M28A						Yes	** NA **			None
28	M28B						Yes	Default			None
29	M29						Yes	Default			None
30	M30						Yes	Default			None
31	M31						Yes	Default			None
32	M32						Yes	Default			None
33	M33						Yes	Default			None
34	M34	OOOOOX	OOOOOX				Yes	Default			None
35	M35	OOOOOX	OOOOOX				Yes	Default			None
36	M36						Yes	** NA **			None
37	M37						Yes	** NA **			None
38	M38						Yes	** NA **			None



	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic ...
39	M39						Yes	** NA **			None
40	M40		BenPIN				Yes	** NA **			None
41	M41						Yes				None
42	M42		BenPIN				Yes	** NA **			None
43	M43A						Yes	** NA **			None
44	M44						Yes	** NA **			None
45	M45		BenPIN				Yes	** NA **			None
46	M46A						Yes				None
47	M47		BenPIN				Yes	** NA **			None
48	M48						Yes	** NA **			None
49	M49						Yes	** NA **			None
50	M50A						Yes	** NA **			None
51	M51A						Yes	** NA **			None
52	M52						Yes	** NA **			None
53	M53						Yes	** NA **			None
54	M54						Yes	Default			None
55	M55						Yes	Default			None
56	M56						Yes	Default			None
57	M57						Yes	Default			None
58	M58A	OOOOOX	OOOOOX				Yes	Default			None
59	M59A	OOOOOX	OOOOOX				Yes	Default			None
60	M60						Yes	** NA **			None
61	M61						Yes	** NA **			None
62	M62						Yes	** NA **			None
63	M63						Yes	** NA **			None
64	M64		BenPIN				Yes	** NA **			None
65	M65						Yes				None
66	M66		BenPIN				Yes	** NA **			None
67	M67						Yes	** NA **			None
68	M68						Yes	** NA **			None
69	M69		BenPIN				Yes	** NA **			None
70	M70						Yes				None
71	M71		BenPIN				Yes	** NA **			None
72	M72						Yes	** NA **			None
73	M73						Yes	** NA **			None
74	M74						Yes	** NA **			None
75	M75						Yes	** NA **			None
76	M76A						Yes	** NA **			None
77	M77A						Yes	** NA **			None
78	M78						Yes	** NA **			None
79	MP2A						Yes	** NA **			None
80	M80A						Yes	** NA **			None
81	MP3A						Yes	** NA **			None
82	M82						Yes	** NA **			None
83	MP4A						Yes	** NA **			None
84	M84A						Yes	** NA **			None
85	MP5A						Yes	** NA **			None
86	M86						Yes	** NA **			None
87	MP1C						Yes	** NA **			None
88	M88A						Yes	** NA **			None
89	MP2C						Yes	** NA **			None
90	M90						Yes	** NA **			None

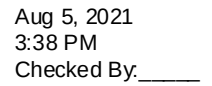


	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic ...
91	MP3C						Yes	** NA **			None
92	M92A						Yes	** NA **			None
93	MP4C						Yes	** NA **			None
94	M94						Yes	** NA **			None
95	MP5C						Yes	** NA **			None
96	M96						Yes	** NA **			None
97	MP1B						Yes	** NA **			None
98	M98						Yes	** NA **			None
99	MP2B						Yes	** NA **			None
100	M100						Yes	** NA **			None
101	MP3B						Yes	** NA **			None
102	M102						Yes	** NA **			None
103	MP4B						Yes	** NA **			None
104	M104						Yes	** NA **			None
105	MP5B						Yes	** NA **			None
106	M106						Yes	** NA **			None
107	M107						Yes	** NA **			None
108	M108						Yes	** NA **			None
109	M109						Yes	** NA **			None
110	M110						Yes	Default			None
111	M111						Yes	** NA **			None
112	M112						Yes	** NA **			None
113	M113						Yes	** NA **			None
114	M114						Yes	** NA **			None
115	M115						Yes	** NA **			None
116	M116						Yes	Default			None
117	M122						Yes	Default			None
118	M128	OOOOOX					Yes	** NA **			None
119	M129	OOOOOX					Yes	** NA **			None
120	M130	OOOOOX					Yes	** NA **			None
121	M131	OOOOOX					Yes	** NA **			None
122	M132	OOOOOX					Yes	** NA **			None
123	M133	OOOOOX					Yes	** NA **			None
124	M134						Yes	Default			None
125	M135						Yes	Default			None
126	M136						Yes	Default			None
127	M127						Yes	** NA **			None
128	M128A						Yes	** NA **			None
129	M129A						Yes	** NA **			None
130	M130A						Yes	** NA **			None
131	M131A						Yes	** NA **			None
132	M132A						Yes	** NA **			None
133	M133A						Yes	** NA **			None
134	M134A						Yes	** NA **			None
135	M135A						Yes	** NA **			None
136	M136A						Yes	** NA **			None

	Member Label	Direction	Magnitude [lb, k-ft]	Location [ft, %]
1	MP1A	Y	-22.95	.25

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

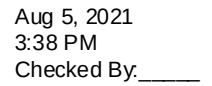
	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
2	MP1A	My	-.011	.25
3	MP1A	Mz	0	.25
4	MP1A	Y	-22.95	3.75
5	MP1A	My	-.011	3.75
6	MP1A	Mz	0	3.75
7	MP1B	Y	-22.95	.25
8	MP1B	My	.006	.25
9	MP1B	Mz	-.01	.25
10	MP1B	Y	-22.95	3.75
11	MP1B	My	.006	3.75
12	MP1B	Mz	-.01	3.75
13	MP1C	Y	-22.95	.25
14	MP1C	My	.006	.25
15	MP1C	Mz	.01	.25
16	MP1C	Y	-22.95	3.75
17	MP1C	My	.006	3.75
18	MP1C	Mz	.01	3.75
19	MP3A	Y	-21.85	.25
20	MP3A	My	-.011	.25
21	MP3A	Mz	-.013	.25
22	MP3A	Y	-21.85	3.75
23	MP3A	My	-.011	3.75
24	MP3A	Mz	-.013	3.75
25	MP3B	Y	-21.85	.25
26	MP3B	My	.017	.25
27	MP3B	Mz	-.003	.25
28	MP3B	Y	-21.85	3.75
29	MP3B	My	.017	3.75
30	MP3B	Mz	-.003	3.75
31	MP3C	Y	-21.85	.25
32	MP3C	My	-.006	.25
33	MP3C	Mz	.016	.25
34	MP3C	Y	-21.85	3.75
35	MP3C	My	-.006	3.75
36	MP3C	Mz	.016	3.75
37	MP3A	Y	-32.3	.25
38	MP3A	My	-.016	.25
39	MP3A	Mz	.019	.25
40	MP3A	Y	-32.3	3.75
41	MP3A	My	-.016	3.75
42	MP3A	Mz	.019	3.75
43	MP3B	Y	-32.3	.25
44	MP3B	My	-.008	.25
45	MP3B	Mz	-.023	.25
46	MP3B	Y	-32.3	3.75
47	MP3B	My	-.008	3.75
48	MP3B	Mz	-.023	3.75
49	MP3C	Y	-32.3	.25
50	MP3C	My	.024	.25
51	MP3C	Mz	.005	.25
52	MP3C	Y	-32.3	3.75
53	MP3C	My	.024	3.75



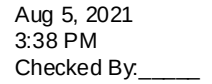
	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
54	MP3C	Mz	.005	3.75
55	MP5A	Y	-43.55	1
56	MP5A	My	-.022	1
57	MP5A	Mz	0	1
58	MP5A	Y	-43.55	3
59	MP5A	My	-.022	3
60	MP5A	Mz	0	3
61	MP5B	Y	-43.55	1
62	MP5B	My	.011	1
63	MP5B	Mz	-.019	1
64	MP5B	Y	-43.55	3
65	MP5B	My	.011	3
66	MP5B	Mz	-.019	3
67	MP5C	Y	-43.55	1
68	MP5C	My	.011	1
69	MP5C	Mz	.019	1
70	MP5C	Y	-43.55	3
71	MP5C	My	.011	3
72	MP5C	Mz	.019	3
73	M106	Y	-32	1
74	M106	My	0	1
75	M106	Mz	0	1
76	M108	Y	-32	1
77	M108	My	0	1
78	M108	Mz	0	1
79	MP1A	Y	-18.7	2.5
80	MP1A	My	.009	2.5
81	MP1A	Mz	0	2.5
82	MP1B	Y	-18.7	2.5
83	MP1B	My	-.005	2.5
84	MP1B	Mz	.008	2.5
85	MP1C	Y	-18.7	2.5
86	MP1C	My	-.005	2.5
87	MP1C	Mz	-.008	2.5
88	MP3A	Y	-74.7	2.5
89	MP3A	My	.037	2.5
90	MP3A	Mz	0	2.5
91	MP3B	Y	-74.7	2.5
92	MP3B	My	-.019	2.5
93	MP3B	Mz	.032	2.5
94	MP3C	Y	-74.7	2.5
95	MP3C	My	-.019	2.5
96	MP3C	Mz	-.032	2.5
97	MP2A	Y	-70.3	2.5
98	MP2A	My	.035	2.5
99	MP2A	Mz	0	2.5
100	MP2B	Y	-70.3	2.5
101	MP2B	My	-.018	2.5
102	MP2B	Mz	.03	2.5
103	MP2C	Y	-70.3	2.5
104	MP2C	My	-.018	2.5
105	MP2C	Mz	-.03	2.5

Member Point Loads (BLC 2 : Antenna Di)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
1	MP1A	Y	-104.923	.25
2	MP1A	My	-.052	.25
3	MP1A	Mz	0	.25
4	MP1A	Y	-104.923	3.75
5	MP1A	My	-.052	3.75
6	MP1A	Mz	0	3.75
7	MP1B	Y	-104.923	.25
8	MP1B	My	.026	.25
9	MP1B	Mz	-.045	.25
10	MP1B	Y	-104.923	3.75
11	MP1B	My	.026	3.75
12	MP1B	Mz	-.045	3.75
13	MP1C	Y	-104.923	.25
14	MP1C	My	.026	.25
15	MP1C	Mz	.045	.25
16	MP1C	Y	-104.923	3.75
17	MP1C	My	.026	3.75
18	MP1C	Mz	.045	3.75
19	MP3A	Y	-94.568	.25
20	MP3A	My	-.047	.25
21	MP3A	Mz	-.055	.25
22	MP3A	Y	-94.568	3.75
23	MP3A	My	-.047	3.75
24	MP3A	Mz	-.055	3.75
25	MP3B	Y	-94.568	.25
26	MP3B	My	.071	.25
27	MP3B	Mz	-.013	.25
28	MP3B	Y	-94.568	3.75
29	MP3B	My	.071	3.75
30	MP3B	Mz	-.013	3.75
31	MP3C	Y	-94.568	.25
32	MP3C	My	-.024	.25
33	MP3C	Mz	.069	.25
34	MP3C	Y	-94.568	3.75
35	MP3C	My	-.024	3.75
36	MP3C	Mz	.069	3.75
37	MP3A	Y	-94.568	.25
38	MP3A	My	-.047	.25
39	MP3A	Mz	.055	.25
40	MP3A	Y	-94.568	3.75
41	MP3A	My	-.047	3.75
42	MP3A	Mz	.055	3.75
43	MP3B	Y	-94.568	.25
44	MP3B	My	-.024	.25
45	MP3B	Mz	-.069	.25
46	MP3B	Y	-94.568	3.75
47	MP3B	My	-.024	3.75
48	MP3B	Mz	-.069	3.75
49	MP3C	Y	-94.568	.25
50	MP3C	My	.071	.25
51	MP3C	Mz	.013	.25
52	MP3C	Y	-94.568	3.75

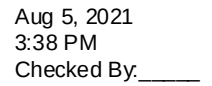


	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
53	MP3C	My	.071	3.75
54	MP3C	Mz	.013	3.75
55	MP5A	Y	-55.815	1
56	MP5A	My	-.028	1
57	MP5A	Mz	0	1
58	MP5A	Y	-55.815	3
59	MP5A	My	-.028	3
60	MP5A	Mz	0	3
61	MP5B	Y	-55.815	1
62	MP5B	My	.014	1
63	MP5B	Mz	-.024	1
64	MP5B	Y	-55.815	3
65	MP5B	My	.014	3
66	MP5B	Mz	-.024	3
67	MP5C	Y	-55.815	1
68	MP5C	My	.014	1
69	MP5C	Mz	.024	1
70	MP5C	Y	-55.815	3
71	MP5C	My	.014	3
72	MP5C	Mz	.024	3
73	M106	Y	-118.464	1
74	M106	My	0	1
75	M106	Mz	0	1
76	M108	Y	-118.464	1
77	M108	My	0	1
78	M108	Mz	0	1
79	MP1A	Y	-32.423	2.5
80	MP1A	My	.016	2.5
81	MP1A	Mz	0	2.5
82	MP1B	Y	-32.423	2.5
83	MP1B	My	-.008	2.5
84	MP1B	Mz	.014	2.5
85	MP1C	Y	-32.423	2.5
86	MP1C	My	-.008	2.5
87	MP1C	Mz	-.014	2.5
88	MP3A	Y	-70.922	2.5
89	MP3A	My	.035	2.5
90	MP3A	Mz	0	2.5
91	MP3B	Y	-70.922	2.5
92	MP3B	My	-.018	2.5
93	MP3B	Mz	.031	2.5
94	MP3C	Y	-70.922	2.5
95	MP3C	My	-.018	2.5
96	MP3C	Mz	-.031	2.5
97	MP2A	Y	-67.655	2.5
98	MP2A	My	.034	2.5
99	MP2A	Mz	0	2.5
100	MP2B	Y	-67.655	2.5
101	MP2B	My	-.017	2.5
102	MP2B	Mz	.029	2.5
103	MP2C	Y	-67.655	2.5
104	MP2C	My	-.017	2.5

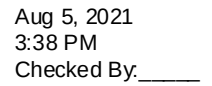


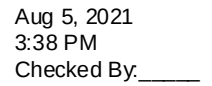
	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
105	MP2C	Mz	-.029	2.5

	Member Label	Direction	Magnitude [lb,k-ft]	Location [ft, %]
1	MP1A	X	0	.25
2	MP1A	Z	-146.543	.25
3	MP1A	Mx	0	.25
4	MP1A	X	0	3.75
5	MP1A	Z	-146.543	3.75
6	MP1A	Mx	0	3.75
7	MP1B	X	0	.25
8	MP1B	Z	-109.75	.25
9	MP1B	Mx	.048	.25
10	MP1B	X	0	3.75
11	MP1B	Z	-109.75	3.75
12	MP1B	Mx	.048	3.75
13	MP1C	X	0	.25
14	MP1C	Z	-109.75	.25
15	MP1C	Mx	-.048	.25
16	MP1C	X	0	3.75
17	MP1C	Z	-109.75	3.75
18	MP1C	Mx	-.048	3.75
19	MP3A	X	0	.25
20	MP3A	Z	-128.285	.25
21	MP3A	Mx	.075	.25
22	MP3A	X	0	3.75
23	MP3A	Z	-128.285	3.75
24	MP3A	Mx	.075	3.75
25	MP3B	X	0	.25
26	MP3B	Z	-95.678	.25
27	MP3B	Mx	.014	.25
28	MP3B	X	0	3.75
29	MP3B	Z	-95.678	3.75
30	MP3B	Mx	.014	3.75
31	MP3C	X	0	.25
32	MP3C	Z	-95.678	.25
33	MP3C	Mx	-.069	.25
34	MP3C	X	0	3.75
35	MP3C	Z	-95.678	3.75
36	MP3C	Mx	-.069	3.75
37	MP3A	X	0	.25
38	MP3A	Z	-127.808	.25
39	MP3A	Mx	-.075	.25
40	MP3A	X	0	3.75
41	MP3A	Z	-127.808	3.75
42	MP3A	Mx	-.075	3.75
43	MP3B	X	0	.25
44	MP3B	Z	-95.559	.25
45	MP3B	Mx	.069	.25
46	MP3B	X	0	3.75
47	MP3B	Z	-95.559	3.75



	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
48	MP3B	Mx	.069	3.75
49	MP3C	X	0	.25
50	MP3C	Z	-95.559	.25
51	MP3C	Mx	-.014	.25
52	MP3C	X	0	3.75
53	MP3C	Z	-95.559	3.75
54	MP3C	Mx	-.014	3.75
55	MP5A	X	0	1
56	MP5A	Z	-74.621	1
57	MP5A	Mx	0	1
58	MP5A	X	0	3
59	MP5A	Z	-74.621	3
60	MP5A	Mx	0	3
61	MP5B	X	0	1
62	MP5B	Z	-40.566	1
63	MP5B	Mx	.018	1
64	MP5B	X	0	3
65	MP5B	Z	-40.566	3
66	MP5B	Mx	.018	3
67	MP5C	X	0	1
68	MP5C	Z	-40.566	1
69	MP5C	Mx	-.018	1
70	MP5C	X	0	3
71	MP5C	Z	-40.566	3
72	MP5C	Mx	-.018	3
73	M106	X	0	1
74	M106	Z	-120.346	1
75	M106	Mx	0	1
76	M108	X	0	1
77	M108	Z	-120.346	1
78	M108	Mx	0	1
79	MP1A	X	0	2.5
80	MP1A	Z	-31.754	2.5
81	MP1A	Mx	0	2.5
82	MP1B	X	0	2.5
83	MP1B	Z	-19.872	2.5
84	MP1B	Mx	-.009	2.5
85	MP1C	X	0	2.5
86	MP1C	Z	-19.872	2.5
87	MP1C	Mx	.009	2.5
88	MP3A	X	0	2.5
89	MP3A	Z	-59.379	2.5
90	MP3A	Mx	0	2.5
91	MP3B	X	0	2.5
92	MP3B	Z	-44.614	2.5
93	MP3B	Mx	-.019	2.5
94	MP3C	X	0	2.5
95	MP3C	Z	-44.614	2.5
96	MP3C	Mx	.019	2.5
97	MP2A	X	0	2.5
98	MP2A	Z	-59.379	2.5
99	MP2A	Mx	0	2.5

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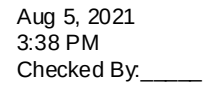
	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
43	MP3B	X	42.404	.25
44	MP3B	Z	-73.446	.25
45	MP3B	Mx	.042	.25
46	MP3B	X	42.404	3.75
47	MP3B	Z	-73.446	3.75
48	MP3B	Mx	.042	3.75
49	MP3C	X	58.529	.25
50	MP3C	Z	-101.376	.25
51	MP3C	Mx	.03	.25
52	MP3C	X	58.529	3.75
53	MP3C	Z	-101.376	3.75
54	MP3C	Mx	.03	3.75
55	MP5A	X	31.635	1
56	MP5A	Z	-54.793	1
57	MP5A	Mx	-.016	1
58	MP5A	X	31.635	3
59	MP5A	Z	-54.793	3
60	MP5A	Mx	-.016	3
61	MP5B	X	14.607	1
62	MP5B	Z	-25.3	1
63	MP5B	Mx	.015	1
64	MP5B	X	14.607	3
65	MP5B	Z	-25.3	3
66	MP5B	Mx	.015	3
67	MP5C	X	31.635	1
68	MP5C	Z	-54.793	1
69	MP5C	Mx	-.016	1
70	MP5C	X	31.635	3
71	MP5C	Z	-54.793	3
72	MP5C	Mx	-.016	3
73	M106	X	55.087	1
74	M106	Z	-95.414	1
75	M106	Mx	0	1
76	M108	X	55.087	1
77	M108	Z	-95.414	1
78	M108	Mx	0	1
79	MP1A	X	13.897	2.5
80	MP1A	Z	-24.069	2.5
81	MP1A	Mx	.007	2.5
82	MP1B	X	7.956	2.5
83	MP1B	Z	-13.78	2.5
84	MP1B	Mx	-.008	2.5
85	MP1C	X	13.897	2.5
86	MP1C	Z	-24.069	2.5
87	MP1C	Mx	.007	2.5
88	MP3A	X	27.229	2.5
89	MP3A	Z	-47.162	2.5
90	MP3A	Mx	.014	2.5
91	MP3B	X	19.846	2.5
92	MP3B	Z	-34.374	2.5
93	MP3B	Mx	-.02	2.5
94	MP3C	X	27.229	2.5

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

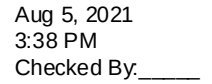
	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
95	MP3C	Z	-47.162	2.5
96	MP3C	Mx	.014	2.5
97	MP2A	X	26.782	2.5
98	MP2A	Z	-46.388	2.5
99	MP2A	Mx	.013	2.5
100	MP2B	X	18.06	2.5
101	MP2B	Z	-31.281	2.5
102	MP2B	Mx	-.018	2.5
103	MP2C	X	26.782	2.5
104	MP2C	Z	-46.388	2.5
105	MP2C	Mx	.013	2.5

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

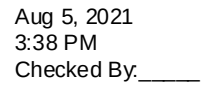
	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	95.046	.25
2	MP1A	Z	-54.875	.25
3	MP1A	Mx	-.048	.25
4	MP1A	X	95.046	3.75
5	MP1A	Z	-54.875	3.75
6	MP1A	Mx	-.048	3.75
7	MP1B	X	95.046	.25
8	MP1B	Z	-54.875	.25
9	MP1B	Mx	.048	.25
10	MP1B	X	95.046	3.75
11	MP1B	Z	-54.875	3.75
12	MP1B	Mx	.048	3.75
13	MP1C	X	126.91	.25
14	MP1C	Z	-73.271	.25
15	MP1C	Mx	0	.25
16	MP1C	X	126.91	3.75
17	MP1C	Z	-73.271	3.75
18	MP1C	Mx	0	3.75
19	MP3A	X	82.859	.25
20	MP3A	Z	-47.839	.25
21	MP3A	Mx	-.014	.25
22	MP3A	X	82.859	3.75
23	MP3A	Z	-47.839	3.75
24	MP3A	Mx	-.014	3.75
25	MP3B	X	82.859	.25
26	MP3B	Z	-47.839	.25
27	MP3B	Mx	.069	.25
28	MP3B	X	82.859	3.75
29	MP3B	Z	-47.839	3.75
30	MP3B	Mx	.069	3.75
31	MP3C	X	111.098	.25
32	MP3C	Z	-64.142	.25
33	MP3C	Mx	-.075	.25
34	MP3C	X	111.098	3.75
35	MP3C	Z	-64.142	3.75
36	MP3C	Mx	-.075	3.75
37	MP3A	X	82.756	.25



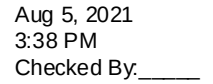
	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
38	MP3A	Z	-47.779	.25
39	MP3A	Mx	-.069	.25
40	MP3A	X	82.756	3.75
41	MP3A	Z	-47.779	3.75
42	MP3A	Mx	-.069	3.75
43	MP3B	X	82.756	.25
44	MP3B	Z	-47.779	.25
45	MP3B	Mx	.014	.25
46	MP3B	X	82.756	3.75
47	MP3B	Z	-47.779	3.75
48	MP3B	Mx	.014	3.75
49	MP3C	X	110.685	.25
50	MP3C	Z	-63.904	.25
51	MP3C	Mx	.075	.25
52	MP3C	X	110.685	3.75
53	MP3C	Z	-63.904	3.75
54	MP3C	Mx	.075	3.75
55	MP5A	X	35.131	1
56	MP5A	Z	-20.283	1
57	MP5A	Mx	-.018	1
58	MP5A	X	35.131	3
59	MP5A	Z	-20.283	3
60	MP5A	Mx	-.018	3
61	MP5B	X	35.131	1
62	MP5B	Z	-20.283	1
63	MP5B	Mx	.018	1
64	MP5B	X	35.131	3
65	MP5B	Z	-20.283	3
66	MP5B	Mx	.018	3
67	MP5C	X	64.624	1
68	MP5C	Z	-37.31	1
69	MP5C	Mx	0	1
70	MP5C	X	64.624	3
71	MP5C	Z	-37.31	3
72	MP5C	Mx	0	3
73	M106	X	77.796	1
74	M106	Z	-44.916	1
75	M106	Mx	0	1
76	M108	X	77.796	1
77	M108	Z	-44.916	1
78	M108	Mx	0	1
79	MP1A	X	17.21	2.5
80	MP1A	Z	-9.936	2.5
81	MP1A	Mx	.009	2.5
82	MP1B	X	17.21	2.5
83	MP1B	Z	-9.936	2.5
84	MP1B	Mx	-.009	2.5
85	MP1C	X	27.499	2.5
86	MP1C	Z	-15.877	2.5
87	MP1C	Mx	0	2.5
88	MP3A	X	38.637	2.5
89	MP3A	Z	-22.307	2.5



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	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
33	MP3C	Mx	-.03	.25
34	MP3C	X	117.416	3.75
35	MP3C	Z	0	3.75
36	MP3C	Mx	-.03	3.75
37	MP3A	X	84.809	.25
38	MP3A	Z	0	.25
39	MP3A	Mx	-.042	.25
40	MP3A	X	84.809	3.75
41	MP3A	Z	0	3.75
42	MP3A	Mx	-.042	3.75
43	MP3B	X	117.058	.25
44	MP3B	Z	0	.25
45	MP3B	Mx	-.03	.25
46	MP3B	X	117.058	3.75
47	MP3B	Z	0	3.75
48	MP3B	Mx	-.03	3.75
49	MP3C	X	117.058	.25
50	MP3C	Z	0	.25
51	MP3C	Mx	.088	.25
52	MP3C	X	117.058	3.75
53	MP3C	Z	0	3.75
54	MP3C	Mx	.088	3.75
55	MP5A	X	29.214	1
56	MP5A	Z	0	1
57	MP5A	Mx	-.015	1
58	MP5A	X	29.214	3
59	MP5A	Z	0	3
60	MP5A	Mx	-.015	3
61	MP5B	X	63.269	1
62	MP5B	Z	0	1
63	MP5B	Mx	.016	1
64	MP5B	X	63.269	3
65	MP5B	Z	0	3
66	MP5B	Mx	.016	3
67	MP5C	X	63.269	1
68	MP5C	Z	0	1
69	MP5C	Mx	.016	1
70	MP5C	X	63.269	3
71	MP5C	Z	0	3
72	MP5C	Mx	.016	3
73	M106	X	79.66	1
74	M106	Z	0	1
75	M106	Mx	0	1
76	M108	X	79.66	1
77	M108	Z	0	1
78	M108	Mx	0	1
79	MP1A	X	15.911	2.5
80	MP1A	Z	0	2.5
81	MP1A	Mx	.008	2.5
82	MP1B	X	27.793	2.5
83	MP1B	Z	0	2.5
84	MP1B	Mx	-.007	2.5



	Member Label	Direction	Magnitude [lb, k-ft]	Location [ft, %]
85	MP1C	X	27.793	2.5
86	MP1C	Z	0	2.5
87	MP1C	Mx	-.007	2.5
88	MP3A	X	39.692	2.5
89	MP3A	Z	0	2.5
90	MP3A	Mx	.02	2.5
91	MP3B	X	54.457	2.5
92	MP3B	Z	0	2.5
93	MP3B	Mx	-.014	2.5
94	MP3C	X	54.457	2.5
95	MP3C	Z	0	2.5
96	MP3C	Mx	-.014	2.5
97	MP2A	X	36.12	2.5
98	MP2A	Z	0	2.5
99	MP2A	Mx	.018	2.5
100	MP2B	X	53.564	2.5
101	MP2B	Z	0	2.5
102	MP2B	Mx	-.013	2.5
103	MP2C	X	53.564	2.5
104	MP2C	Z	0	2.5
105	MP2C	Mx	-.013	2.5

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
1	MP1A	X	95.046	.25
2	MP1A	Z	54.875	.25
3	MP1A	Mx	-.048	.25
4	MP1A	X	95.046	3.75
5	MP1A	Z	54.875	3.75
6	MP1A	Mx	-.048	3.75
7	MP1B	X	126.91	.25
8	MP1B	Z	73.271	.25
9	MP1B	Mx	0	.25
10	MP1B	X	126.91	3.75
11	MP1B	Z	73.271	3.75
12	MP1B	Mx	0	3.75
13	MP1C	X	95.046	.25
14	MP1C	Z	54.875	.25
15	MP1C	Mx	.048	.25
16	MP1C	X	95.046	3.75
17	MP1C	Z	54.875	3.75
18	MP1C	Mx	.048	3.75
19	MP3A	X	82.859	.25
20	MP3A	Z	47.839	.25
21	MP3A	Mx	-.069	.25
22	MP3A	X	82.859	3.75
23	MP3A	Z	47.839	3.75
24	MP3A	Mx	-.069	3.75
25	MP3B	X	111.098	.25
26	MP3B	Z	64.142	.25
27	MP3B	Mx	.075	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
28	MP3B	X	111.098	3.75
29	MP3B	Z	64.142	3.75
30	MP3B	Mx	.075	3.75
31	MP3C	X	82.859	.25
32	MP3C	Z	47.839	.25
33	MP3C	Mx	.014	.25
34	MP3C	X	82.859	3.75
35	MP3C	Z	47.839	3.75
36	MP3C	Mx	.014	3.75
37	MP3A	X	82.756	.25
38	MP3A	Z	47.779	.25
39	MP3A	Mx	-.014	.25
40	MP3A	X	82.756	3.75
41	MP3A	Z	47.779	3.75
42	MP3A	Mx	-.014	3.75
43	MP3B	X	110.685	.25
44	MP3B	Z	63.904	.25
45	MP3B	Mx	-.075	.25
46	MP3B	X	110.685	3.75
47	MP3B	Z	63.904	3.75
48	MP3B	Mx	-.075	3.75
49	MP3C	X	82.756	.25
50	MP3C	Z	47.779	.25
51	MP3C	Mx	.069	.25
52	MP3C	X	82.756	3.75
53	MP3C	Z	47.779	3.75
54	MP3C	Mx	.069	3.75
55	MP5A	X	35.131	1
56	MP5A	Z	20.283	1
57	MP5A	Mx	-.018	1
58	MP5A	X	35.131	3
59	MP5A	Z	20.283	3
60	MP5A	Mx	-.018	3
61	MP5B	X	64.624	1
62	MP5B	Z	37.31	1
63	MP5B	Mx	0	1
64	MP5B	X	64.624	3
65	MP5B	Z	37.31	3
66	MP5B	Mx	0	3
67	MP5C	X	35.131	1
68	MP5C	Z	20.283	1
69	MP5C	Mx	.018	1
70	MP5C	X	35.131	3
71	MP5C	Z	20.283	3
72	MP5C	Mx	.018	3
73	M106	X	77.796	1
74	M106	Z	44.916	1
75	M106	Mx	0	1
76	M108	X	77.796	1
77	M108	Z	44.916	1
78	M108	Mx	0	1
79	MP1A	X	17.21	2.5

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

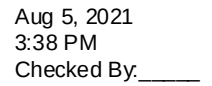
	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
80	MP1A	Z	9.936	2.5
81	MP1A	Mx	.009	2.5
82	MP1B	X	27.499	2.5
83	MP1B	Z	15.877	2.5
84	MP1B	Mx	0	2.5
85	MP1C	X	17.21	2.5
86	MP1C	Z	9.936	2.5
87	MP1C	Mx	-.009	2.5
88	MP3A	X	38.637	2.5
89	MP3A	Z	22.307	2.5
90	MP3A	Mx	.019	2.5
91	MP3B	X	51.424	2.5
92	MP3B	Z	29.69	2.5
93	MP3B	Mx	0	2.5
94	MP3C	X	38.637	2.5
95	MP3C	Z	22.307	2.5
96	MP3C	Mx	-.019	2.5
97	MP2A	X	36.316	2.5
98	MP2A	Z	20.967	2.5
99	MP2A	Mx	.018	2.5
100	MP2B	X	51.424	2.5
101	MP2B	Z	29.69	2.5
102	MP2B	Mx	0	2.5
103	MP2C	X	36.316	2.5
104	MP2C	Z	20.967	2.5
105	MP2C	Mx	-.018	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	67.139	.25
2	MP1A	Z	116.289	.25
3	MP1A	Mx	-.034	.25
4	MP1A	X	67.139	3.75
5	MP1A	Z	116.289	3.75
6	MP1A	Mx	-.034	3.75
7	MP1B	X	67.139	.25
8	MP1B	Z	116.289	.25
9	MP1B	Mx	-.034	.25
10	MP1B	X	67.139	3.75
11	MP1B	Z	116.289	3.75
12	MP1B	Mx	-.034	3.75
13	MP1C	X	48.743	.25
14	MP1C	Z	84.425	.25
15	MP1C	Mx	.049	.25
16	MP1C	X	48.743	3.75
17	MP1C	Z	84.425	3.75
18	MP1C	Mx	.049	3.75
19	MP3A	X	58.708	.25
20	MP3A	Z	101.685	.25
21	MP3A	Mx	-.089	.25
22	MP3A	X	58.708	3.75

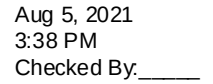
Member Point Loads (BLC 8 : Antenna Wo (150 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
23	MP3A	Z	101.685	3.75
24	MP3A	Mx	-.089	3.75
25	MP3B	X	58.708	.25
26	MP3B	Z	101.685	.25
27	MP3B	Mx	.03	.25
28	MP3B	X	58.708	3.75
29	MP3B	Z	101.685	3.75
30	MP3B	Mx	.03	3.75
31	MP3C	X	42.404	.25
32	MP3C	Z	73.446	.25
33	MP3C	Mx	.042	.25
34	MP3C	X	42.404	3.75
35	MP3C	Z	73.446	3.75
36	MP3C	Mx	.042	3.75
37	MP3A	X	58.529	.25
38	MP3A	Z	101.376	.25
39	MP3A	Mx	.03	.25
40	MP3A	X	58.529	3.75
41	MP3A	Z	101.376	3.75
42	MP3A	Mx	.03	3.75
43	MP3B	X	58.529	.25
44	MP3B	Z	101.376	.25
45	MP3B	Mx	-.088	.25
46	MP3B	X	58.529	3.75
47	MP3B	Z	101.376	3.75
48	MP3B	Mx	-.088	3.75
49	MP3C	X	42.404	.25
50	MP3C	Z	73.446	.25
51	MP3C	Mx	.042	.25
52	MP3C	X	42.404	3.75
53	MP3C	Z	73.446	3.75
54	MP3C	Mx	.042	3.75
55	MP5A	X	31.635	1
56	MP5A	Z	54.793	1
57	MP5A	Mx	-.016	1
58	MP5A	X	31.635	3
59	MP5A	Z	54.793	3
60	MP5A	Mx	-.016	3
61	MP5B	X	31.635	1
62	MP5B	Z	54.793	1
63	MP5B	Mx	-.016	1
64	MP5B	X	31.635	3
65	MP5B	Z	54.793	3
66	MP5B	Mx	-.016	3
67	MP5C	X	14.607	1
68	MP5C	Z	25.3	1
69	MP5C	Mx	.015	1
70	MP5C	X	14.607	3
71	MP5C	Z	25.3	3
72	MP5C	Mx	.015	3
73	M106	X	55.087	1
74	M106	Z	95.414	1

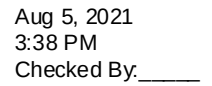


	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
75	M106	Mx	0	1
76	M108	X	55.087	1
77	M108	Z	95.414	1
78	M108	Mx	0	1
79	MP1A	X	13.897	2.5
80	MP1A	Z	24.069	2.5
81	MP1A	Mx	.007	2.5
82	MP1B	X	13.897	2.5
83	MP1B	Z	24.069	2.5
84	MP1B	Mx	.007	2.5
85	MP1C	X	7.956	2.5
86	MP1C	Z	13.78	2.5
87	MP1C	Mx	-.008	2.5
88	MP3A	X	27.229	2.5
89	MP3A	Z	47.162	2.5
90	MP3A	Mx	.014	2.5
91	MP3B	X	27.229	2.5
92	MP3B	Z	47.162	2.5
93	MP3B	Mx	.014	2.5
94	MP3C	X	19.846	2.5
95	MP3C	Z	34.374	2.5
96	MP3C	Mx	-.02	2.5
97	MP2A	X	26.782	2.5
98	MP2A	Z	46.388	2.5
99	MP2A	Mx	.013	2.5
100	MP2B	X	26.782	2.5
101	MP2B	Z	46.388	2.5
102	MP2B	Mx	.013	2.5
103	MP2C	X	18.06	2.5
104	MP2C	Z	31.281	2.5
105	MP2C	Mx	-.018	2.5

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	0	.25
2	MP1A	Z	146.543	.25
3	MP1A	Mx	0	.25
4	MP1A	X	0	3.75
5	MP1A	Z	146.543	3.75
6	MP1A	Mx	0	3.75
7	MP1B	X	0	.25
8	MP1B	Z	109.75	.25
9	MP1B	Mx	-.048	.25
10	MP1B	X	0	3.75
11	MP1B	Z	109.75	3.75
12	MP1B	Mx	-.048	3.75
13	MP1C	X	0	.25
14	MP1C	Z	109.75	.25
15	MP1C	Mx	.048	.25
16	MP1C	X	0	3.75
17	MP1C	Z	109.75	3.75

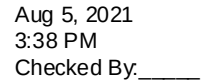


	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
18	MP1C	Mx	.048	3.75
19	MP3A	X	0	.25
20	MP3A	Z	128.285	.25
21	MP3A	Mx	-.075	.25
22	MP3A	X	0	3.75
23	MP3A	Z	128.285	3.75
24	MP3A	Mx	-.075	3.75
25	MP3B	X	0	.25
26	MP3B	Z	95.678	.25
27	MP3B	Mx	-.014	.25
28	MP3B	X	0	3.75
29	MP3B	Z	95.678	3.75
30	MP3B	Mx	-.014	3.75
31	MP3C	X	0	.25
32	MP3C	Z	95.678	.25
33	MP3C	Mx	.069	.25
34	MP3C	X	0	3.75
35	MP3C	Z	95.678	3.75
36	MP3C	Mx	.069	3.75
37	MP3A	X	0	.25
38	MP3A	Z	127.808	.25
39	MP3A	Mx	.075	.25
40	MP3A	X	0	3.75
41	MP3A	Z	127.808	3.75
42	MP3A	Mx	.075	3.75
43	MP3B	X	0	.25
44	MP3B	Z	95.559	.25
45	MP3B	Mx	-.069	.25
46	MP3B	X	0	3.75
47	MP3B	Z	95.559	3.75
48	MP3B	Mx	-.069	3.75
49	MP3C	X	0	.25
50	MP3C	Z	95.559	.25
51	MP3C	Mx	.014	.25
52	MP3C	X	0	3.75
53	MP3C	Z	95.559	3.75
54	MP3C	Mx	.014	3.75
55	MP5A	X	0	1
56	MP5A	Z	74.621	1
57	MP5A	Mx	0	1
58	MP5A	X	0	3
59	MP5A	Z	74.621	3
60	MP5A	Mx	0	3
61	MP5B	X	0	1
62	MP5B	Z	40.566	1
63	MP5B	Mx	-.018	1
64	MP5B	X	0	3
65	MP5B	Z	40.566	3
66	MP5B	Mx	-.018	3
67	MP5C	X	0	1
68	MP5C	Z	40.566	1
69	MP5C	Mx	.018	1



	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
70	MP5C	X	0	3
71	MP5C	Z	40.566	3
72	MP5C	Mx	.018	3
73	M106	X	0	1
74	M106	Z	120.346	1
75	M106	Mx	0	1
76	M108	X	0	1
77	M108	Z	120.346	1
78	M108	Mx	0	1
79	MP1A	X	0	2.5
80	MP1A	Z	31.754	2.5
81	MP1A	Mx	0	2.5
82	MP1B	X	0	2.5
83	MP1B	Z	19.872	2.5
84	MP1B	Mx	.009	2.5
85	MP1C	X	0	2.5
86	MP1C	Z	19.872	2.5
87	MP1C	Mx	-.009	2.5
88	MP3A	X	0	2.5
89	MP3A	Z	59.379	2.5
90	MP3A	Mx	0	2.5
91	MP3B	X	0	2.5
92	MP3B	Z	44.614	2.5
93	MP3B	Mx	.019	2.5
94	MP3C	X	0	2.5
95	MP3C	Z	44.614	2.5
96	MP3C	Mx	-.019	2.5
97	MP2A	X	0	2.5
98	MP2A	Z	59.379	2.5
99	MP2A	Mx	0	2.5
100	MP2B	X	0	2.5
101	MP2B	Z	41.935	2.5
102	MP2B	Mx	.018	2.5
103	MP2C	X	0	2.5
104	MP2C	Z	41.935	2.5
105	MP2C	Mx	-.018	2.5

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
1	MP1A	X	-67.139	.25
2	MP1A	Z	116.289	.25
3	MP1A	Mx	.034	.25
4	MP1A	X	-67.139	3.75
5	MP1A	Z	116.289	3.75
6	MP1A	Mx	.034	3.75
7	MP1B	X	-48.743	.25
8	MP1B	Z	84.425	.25
9	MP1B	Mx	-.049	.25
10	MP1B	X	-48.743	3.75
11	MP1B	Z	84.425	3.75
12	MP1B	Mx	-.049	3.75



	Member Label	Direction	Magnitude [lb, k-ft]	Location [ft, %]
13	MP1C	X	-67.139	.25
14	MP1C	Z	116.289	.25
15	MP1C	Mx	.034	.25
16	MP1C	X	-67.139	3.75
17	MP1C	Z	116.289	3.75
18	MP1C	Mx	.034	3.75
19	MP3A	X	-58.708	.25
20	MP3A	Z	101.685	.25
21	MP3A	Mx	-.03	.25
22	MP3A	X	-58.708	3.75
23	MP3A	Z	101.685	3.75
24	MP3A	Mx	-.03	3.75
25	MP3B	X	-42.404	.25
26	MP3B	Z	73.446	.25
27	MP3B	Mx	-.042	.25
28	MP3B	X	-42.404	3.75
29	MP3B	Z	73.446	3.75
30	MP3B	Mx	-.042	3.75
31	MP3C	X	-58.708	.25
32	MP3C	Z	101.685	.25
33	MP3C	Mx	.089	.25
34	MP3C	X	-58.708	3.75
35	MP3C	Z	101.685	3.75
36	MP3C	Mx	.089	3.75
37	MP3A	X	-58.529	.25
38	MP3A	Z	101.376	.25
39	MP3A	Mx	.088	.25
40	MP3A	X	-58.529	3.75
41	MP3A	Z	101.376	3.75
42	MP3A	Mx	.088	3.75
43	MP3B	X	-42.404	.25
44	MP3B	Z	73.446	.25
45	MP3B	Mx	-.042	.25
46	MP3B	X	-42.404	3.75
47	MP3B	Z	73.446	3.75
48	MP3B	Mx	-.042	3.75
49	MP3C	X	-58.529	.25
50	MP3C	Z	101.376	.25
51	MP3C	Mx	-.03	.25
52	MP3C	X	-58.529	3.75
53	MP3C	Z	101.376	3.75
54	MP3C	Mx	-.03	3.75
55	MP5A	X	-31.635	1
56	MP5A	Z	54.793	1
57	MP5A	Mx	.016	1
58	MP5A	X	-31.635	3
59	MP5A	Z	54.793	3
60	MP5A	Mx	.016	3
61	MP5B	X	-14.607	1
62	MP5B	Z	25.3	1
63	MP5B	Mx	-.015	1
64	MP5B	X	-14.607	3

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

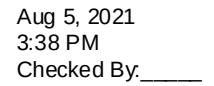
	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
65	MP5B	Z	25.3	3
66	MP5B	Mx	-.015	3
67	MP5C	X	-31.635	1
68	MP5C	Z	54.793	1
69	MP5C	Mx	.016	1
70	MP5C	X	-31.635	3
71	MP5C	Z	54.793	3
72	MP5C	Mx	.016	3
73	M106	X	-55.087	1
74	M106	Z	95.414	1
75	M106	Mx	0	1
76	M108	X	-55.087	1
77	M108	Z	95.414	1
78	M108	Mx	0	1
79	MP1A	X	-13.897	2.5
80	MP1A	Z	24.069	2.5
81	MP1A	Mx	-.007	2.5
82	MP1B	X	-7.956	2.5
83	MP1B	Z	13.78	2.5
84	MP1B	Mx	.008	2.5
85	MP1C	X	-13.897	2.5
86	MP1C	Z	24.069	2.5
87	MP1C	Mx	-.007	2.5
88	MP3A	X	-27.229	2.5
89	MP3A	Z	47.162	2.5
90	MP3A	Mx	-.014	2.5
91	MP3B	X	-19.846	2.5
92	MP3B	Z	34.374	2.5
93	MP3B	Mx	.02	2.5
94	MP3C	X	-27.229	2.5
95	MP3C	Z	47.162	2.5
96	MP3C	Mx	-.014	2.5
97	MP2A	X	-26.782	2.5
98	MP2A	Z	46.388	2.5
99	MP2A	Mx	-.013	2.5
100	MP2B	X	-18.06	2.5
101	MP2B	Z	31.281	2.5
102	MP2B	Mx	.018	2.5
103	MP2C	X	-26.782	2.5
104	MP2C	Z	46.388	2.5
105	MP2C	Mx	-.013	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-95.046	.25
2	MP1A	Z	54.875	.25
3	MP1A	Mx	.048	.25
4	MP1A	X	-95.046	3.75
5	MP1A	Z	54.875	3.75
6	MP1A	Mx	.048	3.75
7	MP1B	X	-95.046	.25

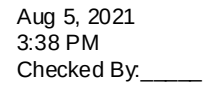
Member Point Loads (BLC 11 : Antenna Wo (240 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
8	MP1B	Z	54.875	.25
9	MP1B	Mx	-.048	.25
10	MP1B	X	-95.046	3.75
11	MP1B	Z	54.875	3.75
12	MP1B	Mx	-.048	3.75
13	MP1C	X	-126.91	.25
14	MP1C	Z	73.271	.25
15	MP1C	Mx	0	.25
16	MP1C	X	-126.91	3.75
17	MP1C	Z	73.271	3.75
18	MP1C	Mx	0	3.75
19	MP3A	X	-82.859	.25
20	MP3A	Z	47.839	.25
21	MP3A	Mx	.014	.25
22	MP3A	X	-82.859	3.75
23	MP3A	Z	47.839	3.75
24	MP3A	Mx	.014	3.75
25	MP3B	X	-82.859	.25
26	MP3B	Z	47.839	.25
27	MP3B	Mx	-.069	.25
28	MP3B	X	-82.859	3.75
29	MP3B	Z	47.839	3.75
30	MP3B	Mx	-.069	3.75
31	MP3C	X	-111.098	.25
32	MP3C	Z	64.142	.25
33	MP3C	Mx	.075	.25
34	MP3C	X	-111.098	3.75
35	MP3C	Z	64.142	3.75
36	MP3C	Mx	.075	3.75
37	MP3A	X	-82.756	.25
38	MP3A	Z	47.779	.25
39	MP3A	Mx	.069	.25
40	MP3A	X	-82.756	3.75
41	MP3A	Z	47.779	3.75
42	MP3A	Mx	.069	3.75
43	MP3B	X	-82.756	.25
44	MP3B	Z	47.779	.25
45	MP3B	Mx	-.014	.25
46	MP3B	X	-82.756	3.75
47	MP3B	Z	47.779	3.75
48	MP3B	Mx	-.014	3.75
49	MP3C	X	-110.685	.25
50	MP3C	Z	63.904	.25
51	MP3C	Mx	-.075	.25
52	MP3C	X	-110.685	3.75
53	MP3C	Z	63.904	3.75
54	MP3C	Mx	-.075	3.75
55	MP5A	X	-35.131	1
56	MP5A	Z	20.283	1
57	MP5A	Mx	.018	1
58	MP5A	X	-35.131	3
59	MP5A	Z	20.283	3



	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
60	MP5A	Mx	.018	3
61	MP5B	X	-35.131	1
62	MP5B	Z	20.283	1
63	MP5B	Mx	-.018	1
64	MP5B	X	-35.131	3
65	MP5B	Z	20.283	3
66	MP5B	Mx	-.018	3
67	MP5C	X	-64.624	1
68	MP5C	Z	37.31	1
69	MP5C	Mx	0	1
70	MP5C	X	-64.624	3
71	MP5C	Z	37.31	3
72	MP5C	Mx	0	3
73	M106	X	-77.796	1
74	M106	Z	44.916	1
75	M106	Mx	0	1
76	M108	X	-77.796	1
77	M108	Z	44.916	1
78	M108	Mx	0	1
79	MP1A	X	-17.21	2.5
80	MP1A	Z	9.936	2.5
81	MP1A	Mx	-.009	2.5
82	MP1B	X	-17.21	2.5
83	MP1B	Z	9.936	2.5
84	MP1B	Mx	.009	2.5
85	MP1C	X	-27.499	2.5
86	MP1C	Z	15.877	2.5
87	MP1C	Mx	0	2.5
88	MP3A	X	-38.637	2.5
89	MP3A	Z	22.307	2.5
90	MP3A	Mx	-.019	2.5
91	MP3B	X	-38.637	2.5
92	MP3B	Z	22.307	2.5
93	MP3B	Mx	.019	2.5
94	MP3C	X	-51.424	2.5
95	MP3C	Z	29.69	2.5
96	MP3C	Mx	0	2.5
97	MP2A	X	-36.316	2.5
98	MP2A	Z	20.967	2.5
99	MP2A	Mx	-.018	2.5
100	MP2B	X	-36.316	2.5
101	MP2B	Z	20.967	2.5
102	MP2B	Mx	.018	2.5
103	MP2C	X	-51.424	2.5
104	MP2C	Z	29.69	2.5
105	MP2C	Mx	0	2.5

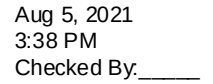
	Member Label	Direction	Magnitude [lb, k-ft]	Location [ft, %]
1	MP1A	X	-97.486	.25
2	MP1A	Z	0	.25



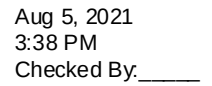
	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
55	MP5A	X	-29.214	1
56	MP5A	Z	0	1
57	MP5A	Mx	.015	1
58	MP5A	X	-29.214	3
59	MP5A	Z	0	3
60	MP5A	Mx	.015	3
61	MP5B	X	-63.269	1
62	MP5B	Z	0	1
63	MP5B	Mx	-.016	1
64	MP5B	X	-63.269	3
65	MP5B	Z	0	3
66	MP5B	Mx	-.016	3
67	MP5C	X	-63.269	1
68	MP5C	Z	0	1
69	MP5C	Mx	-.016	1
70	MP5C	X	-63.269	3
71	MP5C	Z	0	3
72	MP5C	Mx	-.016	3
73	M106	X	-79.66	1
74	M106	Z	0	1
75	M106	Mx	0	1
76	M108	X	-79.66	1
77	M108	Z	0	1
78	M108	Mx	0	1
79	MP1A	X	-15.911	2.5
80	MP1A	Z	0	2.5
81	MP1A	Mx	-.008	2.5
82	MP1B	X	-27.793	2.5
83	MP1B	Z	0	2.5
84	MP1B	Mx	.007	2.5
85	MP1C	X	-27.793	2.5
86	MP1C	Z	0	2.5
87	MP1C	Mx	.007	2.5
88	MP3A	X	-39.692	2.5
89	MP3A	Z	0	2.5
90	MP3A	Mx	-.02	2.5
91	MP3B	X	-54.457	2.5
92	MP3B	Z	0	2.5
93	MP3B	Mx	.014	2.5
94	MP3C	X	-54.457	2.5
95	MP3C	Z	0	2.5
96	MP3C	Mx	.014	2.5
97	MP2A	X	-36.12	2.5
98	MP2A	Z	0	2.5
99	MP2A	Mx	-.018	2.5
100	MP2B	X	-53.564	2.5
101	MP2B	Z	0	2.5
102	MP2B	Mx	.013	2.5
103	MP2C	X	-53.564	2.5
104	MP2C	Z	0	2.5
105	MP2C	Mx	.013	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
1	MP1A	X	-95.046	.25
2	MP1A	Z	-54.875	.25
3	MP1A	Mx	.048	.25
4	MP1A	X	-95.046	3.75
5	MP1A	Z	-54.875	3.75
6	MP1A	Mx	.048	3.75
7	MP1B	X	-126.91	.25
8	MP1B	Z	-73.271	.25
9	MP1B	Mx	0	.25
10	MP1B	X	-126.91	3.75
11	MP1B	Z	-73.271	3.75
12	MP1B	Mx	0	3.75
13	MP1C	X	-95.046	.25
14	MP1C	Z	-54.875	.25
15	MP1C	Mx	-.048	.25
16	MP1C	X	-95.046	3.75
17	MP1C	Z	-54.875	3.75
18	MP1C	Mx	-.048	3.75
19	MP3A	X	-82.859	.25
20	MP3A	Z	-47.839	.25
21	MP3A	Mx	.069	.25
22	MP3A	X	-82.859	3.75
23	MP3A	Z	-47.839	3.75
24	MP3A	Mx	.069	3.75
25	MP3B	X	-111.098	.25
26	MP3B	Z	-64.142	.25
27	MP3B	Mx	-.075	.25
28	MP3B	X	-111.098	3.75
29	MP3B	Z	-64.142	3.75
30	MP3B	Mx	-.075	3.75
31	MP3C	X	-82.859	.25
32	MP3C	Z	-47.839	.25
33	MP3C	Mx	-.014	.25
34	MP3C	X	-82.859	3.75
35	MP3C	Z	-47.839	3.75
36	MP3C	Mx	-.014	3.75
37	MP3A	X	-82.756	.25
38	MP3A	Z	-47.779	.25
39	MP3A	Mx	.014	.25
40	MP3A	X	-82.756	3.75
41	MP3A	Z	-47.779	3.75
42	MP3A	Mx	.014	3.75
43	MP3B	X	-110.685	.25
44	MP3B	Z	-63.904	.25
45	MP3B	Mx	.075	.25
46	MP3B	X	-110.685	3.75
47	MP3B	Z	-63.904	3.75
48	MP3B	Mx	.075	3.75
49	MP3C	X	-82.756	.25
50	MP3C	Z	-47.779	.25
51	MP3C	Mx	-.069	.25
52	MP3C	X	-82.756	3.75



	Member Label	Direction	Magnitude [lb,k-ft]	Location [ft, %]
53	MP3C	Z	-47.779	3.75
54	MP3C	Mx	-.069	3.75
55	MP5A	X	-35.131	1
56	MP5A	Z	-20.283	1
57	MP5A	Mx	.018	1
58	MP5A	X	-35.131	3
59	MP5A	Z	-20.283	3
60	MP5A	Mx	.018	3
61	MP5B	X	-64.624	1
62	MP5B	Z	-37.31	1
63	MP5B	Mx	0	1
64	MP5B	X	-64.624	3
65	MP5B	Z	-37.31	3
66	MP5B	Mx	0	3
67	MP5C	X	-35.131	1
68	MP5C	Z	-20.283	1
69	MP5C	Mx	-.018	1
70	MP5C	X	-35.131	3
71	MP5C	Z	-20.283	3
72	MP5C	Mx	-.018	3
73	M106	X	-77.796	1
74	M106	Z	-44.916	1
75	M106	Mx	0	1
76	M108	X	-77.796	1
77	M108	Z	-44.916	1
78	M108	Mx	0	1
79	MP1A	X	-17.21	2.5
80	MP1A	Z	-9.936	2.5
81	MP1A	Mx	-.009	2.5
82	MP1B	X	-27.499	2.5
83	MP1B	Z	-15.877	2.5
84	MP1B	Mx	0	2.5
85	MP1C	X	-17.21	2.5
86	MP1C	Z	-9.936	2.5
87	MP1C	Mx	.009	2.5
88	MP3A	X	-38.637	2.5
89	MP3A	Z	-22.307	2.5
90	MP3A	Mx	-.019	2.5
91	MP3B	X	-51.424	2.5
92	MP3B	Z	-29.69	2.5
93	MP3B	Mx	0	2.5
94	MP3C	X	-38.637	2.5
95	MP3C	Z	-22.307	2.5
96	MP3C	Mx	.019	2.5
97	MP2A	X	-36.316	2.5
98	MP2A	Z	-20.967	2.5
99	MP2A	Mx	-.018	2.5
100	MP2B	X	-51.424	2.5
101	MP2B	Z	-29.69	2.5
102	MP2B	Mx	0	2.5
103	MP2C	X	-36.316	2.5
104	MP2C	Z	-20.967	2.5



	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
105	MP2C	Mx	.018	2.5

	Member Label	Direction	Magnitude [lb, k-ft]	Location [ft, %]
1	MP1A	X	-67.139	.25
2	MP1A	Z	-116.289	.25
3	MP1A	Mx	.034	.25
4	MP1A	X	-67.139	3.75
5	MP1A	Z	-116.289	3.75
6	MP1A	Mx	.034	3.75
7	MP1B	X	-67.139	.25
8	MP1B	Z	-116.289	.25
9	MP1B	Mx	.034	.25
10	MP1B	X	-67.139	3.75
11	MP1B	Z	-116.289	3.75
12	MP1B	Mx	.034	3.75
13	MP1C	X	-48.743	.25
14	MP1C	Z	-84.425	.25
15	MP1C	Mx	-.049	.25
16	MP1C	X	-48.743	3.75
17	MP1C	Z	-84.425	3.75
18	MP1C	Mx	-.049	3.75
19	MP3A	X	-58.708	.25
20	MP3A	Z	-101.685	.25
21	MP3A	Mx	.089	.25
22	MP3A	X	-58.708	3.75
23	MP3A	Z	-101.685	3.75
24	MP3A	Mx	.089	3.75
25	MP3B	X	-58.708	.25
26	MP3B	Z	-101.685	.25
27	MP3B	Mx	-.03	.25
28	MP3B	X	-58.708	3.75
29	MP3B	Z	-101.685	3.75
30	MP3B	Mx	-.03	3.75
31	MP3C	X	-42.404	.25
32	MP3C	Z	-73.446	.25
33	MP3C	Mx	-.042	.25
34	MP3C	X	-42.404	3.75
35	MP3C	Z	-73.446	3.75
36	MP3C	Mx	-.042	3.75
37	MP3A	X	-58.529	.25
38	MP3A	Z	-101.376	.25
39	MP3A	Mx	-.03	.25
40	MP3A	X	-58.529	3.75
41	MP3A	Z	-101.376	3.75
42	MP3A	Mx	-.03	3.75
43	MP3B	X	-58.529	.25
44	MP3B	Z	-101.376	.25
45	MP3B	Mx	.088	.25
46	MP3B	X	-58.529	3.75
47	MP3B	Z	-101.376	3.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
48	MP3B	Mx	.088	3.75
49	MP3C	X	-42.404	.25
50	MP3C	Z	-73.446	.25
51	MP3C	Mx	-.042	.25
52	MP3C	X	-42.404	3.75
53	MP3C	Z	-73.446	3.75
54	MP3C	Mx	-.042	3.75
55	MP5A	X	-31.635	1
56	MP5A	Z	-54.793	1
57	MP5A	Mx	.016	1
58	MP5A	X	-31.635	3
59	MP5A	Z	-54.793	3
60	MP5A	Mx	.016	3
61	MP5B	X	-31.635	1
62	MP5B	Z	-54.793	1
63	MP5B	Mx	.016	1
64	MP5B	X	-31.635	3
65	MP5B	Z	-54.793	3
66	MP5B	Mx	.016	3
67	MP5C	X	-14.607	1
68	MP5C	Z	-25.3	1
69	MP5C	Mx	-.015	1
70	MP5C	X	-14.607	3
71	MP5C	Z	-25.3	3
72	MP5C	Mx	-.015	3
73	M106	X	-55.087	1
74	M106	Z	-95.414	1
75	M106	Mx	0	1
76	M108	X	-55.087	1
77	M108	Z	-95.414	1
78	M108	Mx	0	1
79	MP1A	X	-13.897	2.5
80	MP1A	Z	-24.069	2.5
81	MP1A	Mx	-.007	2.5
82	MP1B	X	-13.897	2.5
83	MP1B	Z	-24.069	2.5
84	MP1B	Mx	-.007	2.5
85	MP1C	X	-7.956	2.5
86	MP1C	Z	-13.78	2.5
87	MP1C	Mx	.008	2.5
88	MP3A	X	-27.229	2.5
89	MP3A	Z	-47.162	2.5
90	MP3A	Mx	-.014	2.5
91	MP3B	X	-27.229	2.5
92	MP3B	Z	-47.162	2.5
93	MP3B	Mx	-.014	2.5
94	MP3C	X	-19.846	2.5
95	MP3C	Z	-34.374	2.5
96	MP3C	Mx	.02	2.5
97	MP2A	X	-26.782	2.5
98	MP2A	Z	-46.388	2.5
99	MP2A	Mx	-.013	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
100	MP2B	X	-26.782	2.5
101	MP2B	Z	-46.388	2.5
102	MP2B	Mx	-.013	2.5
103	MP2C	X	-18.06	2.5
104	MP2C	Z	-31.281	2.5
105	MP2C	Mx	.018	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	0	.25
2	MP1A	Z	-29.78	.25
3	MP1A	Mx	0	.25
4	MP1A	X	0	3.75
5	MP1A	Z	-29.78	3.75
6	MP1A	Mx	0	3.75
7	MP1B	X	0	.25
8	MP1B	Z	-23.16	.25
9	MP1B	Mx	.01	.25
10	MP1B	X	0	3.75
11	MP1B	Z	-23.16	3.75
12	MP1B	Mx	.01	3.75
13	MP1C	X	0	.25
14	MP1C	Z	-23.16	.25
15	MP1C	Mx	-.01	.25
16	MP1C	X	0	3.75
17	MP1C	Z	-23.16	3.75
18	MP1C	Mx	-.01	3.75
19	MP3A	X	0	.25
20	MP3A	Z	-26.197	.25
21	MP3A	Mx	.015	.25
22	MP3A	X	0	3.75
23	MP3A	Z	-26.197	3.75
24	MP3A	Mx	.015	3.75
25	MP3B	X	0	.25
26	MP3B	Z	-20.356	.25
27	MP3B	Mx	.003	.25
28	MP3B	X	0	3.75
29	MP3B	Z	-20.356	3.75
30	MP3B	Mx	.003	3.75
31	MP3C	X	0	.25
32	MP3C	Z	-20.356	.25
33	MP3C	Mx	-.015	.25
34	MP3C	X	0	3.75
35	MP3C	Z	-20.356	3.75
36	MP3C	Mx	-.015	3.75
37	MP3A	X	0	.25
38	MP3A	Z	-26.197	.25
39	MP3A	Mx	-.015	.25
40	MP3A	X	0	3.75
41	MP3A	Z	-26.197	3.75
42	MP3A	Mx	-.015	3.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
43	MP3B	X	0	.25
44	MP3B	Z	-20.356	.25
45	MP3B	Mx	.015	.25
46	MP3B	X	0	3.75
47	MP3B	Z	-20.356	3.75
48	MP3B	Mx	.015	3.75
49	MP3C	X	0	.25
50	MP3C	Z	-20.356	.25
51	MP3C	Mx	-.003	.25
52	MP3C	X	0	3.75
53	MP3C	Z	-20.356	3.75
54	MP3C	Mx	-.003	3.75
55	MP5A	X	0	1
56	MP5A	Z	-15.75	1
57	MP5A	Mx	0	1
58	MP5A	X	0	3
59	MP5A	Z	-15.75	3
60	MP5A	Mx	0	3
61	MP5B	X	0	1
62	MP5B	Z	-9.177	1
63	MP5B	Mx	.004	1
64	MP5B	X	0	3
65	MP5B	Z	-9.177	3
66	MP5B	Mx	.004	3
67	MP5C	X	0	1
68	MP5C	Z	-9.177	1
69	MP5C	Mx	-.004	1
70	MP5C	X	0	3
71	MP5C	Z	-9.177	3
72	MP5C	Mx	-.004	3
73	M106	X	0	1
74	M106	Z	-25.68	1
75	M106	Mx	0	1
76	M108	X	0	1
77	M108	Z	-25.68	1
78	M108	Mx	0	1
79	MP1A	X	0	2.5
80	MP1A	Z	-8.005	2.5
81	MP1A	Mx	0	2.5
82	MP1B	X	0	2.5
83	MP1B	Z	-5.554	2.5
84	MP1B	Mx	-.002	2.5
85	MP1C	X	0	2.5
86	MP1C	Z	-5.554	2.5
87	MP1C	Mx	.002	2.5
88	MP3A	X	0	2.5
89	MP3A	Z	-13.632	2.5
90	MP3A	Mx	0	2.5
91	MP3B	X	0	2.5
92	MP3B	Z	-10.654	2.5
93	MP3B	Mx	-.005	2.5
94	MP3C	X	0	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
95	MP3C	Z	-10.654	2.5
96	MP3C	Mx	.005	2.5
97	MP2A	X	0	2.5
98	MP2A	Z	-13.632	2.5
99	MP2A	Mx	0	2.5
100	MP2B	X	0	2.5
101	MP2B	Z	-10.118	2.5
102	MP2B	Mx	-.004	2.5
103	MP2C	X	0	2.5
104	MP2C	Z	-10.118	2.5
105	MP2C	Mx	.004	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	13.787	.25
2	MP1A	Z	-23.879	.25
3	MP1A	Mx	-.007	.25
4	MP1A	X	13.787	3.75
5	MP1A	Z	-23.879	3.75
6	MP1A	Mx	-.007	3.75
7	MP1B	X	10.477	.25
8	MP1B	Z	-18.146	.25
9	MP1B	Mx	.01	.25
10	MP1B	X	10.477	3.75
11	MP1B	Z	-18.146	3.75
12	MP1B	Mx	.01	3.75
13	MP1C	X	13.787	.25
14	MP1C	Z	-23.879	.25
15	MP1C	Mx	-.007	.25
16	MP1C	X	13.787	3.75
17	MP1C	Z	-23.879	3.75
18	MP1C	Mx	-.007	3.75
19	MP3A	X	12.125	.25
20	MP3A	Z	-21.001	.25
21	MP3A	Mx	.006	.25
22	MP3A	X	12.125	3.75
23	MP3A	Z	-21.001	3.75
24	MP3A	Mx	.006	3.75
25	MP3B	X	9.204	.25
26	MP3B	Z	-15.942	.25
27	MP3B	Mx	.009	.25
28	MP3B	X	9.204	3.75
29	MP3B	Z	-15.942	3.75
30	MP3B	Mx	.009	3.75
31	MP3C	X	12.125	.25
32	MP3C	Z	-21.001	.25
33	MP3C	Mx	-.018	.25
34	MP3C	X	12.125	3.75
35	MP3C	Z	-21.001	3.75
36	MP3C	Mx	-.018	3.75
37	MP3A	X	12.125	.25

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

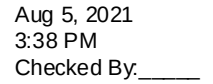
	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
38	MP3A	Z	-21.001	.25
39	MP3A	Mx	-.018	.25
40	MP3A	X	12.125	3.75
41	MP3A	Z	-21.001	3.75
42	MP3A	Mx	-.018	3.75
43	MP3B	X	9.204	.25
44	MP3B	Z	-15.942	.25
45	MP3B	Mx	.009	.25
46	MP3B	X	9.204	3.75
47	MP3B	Z	-15.942	3.75
48	MP3B	Mx	.009	3.75
49	MP3C	X	12.125	.25
50	MP3C	Z	-21.001	.25
51	MP3C	Mx	.006	.25
52	MP3C	X	12.125	3.75
53	MP3C	Z	-21.001	3.75
54	MP3C	Mx	.006	3.75
55	MP5A	X	6.779	1
56	MP5A	Z	-11.742	1
57	MP5A	Mx	-.003	1
58	MP5A	X	6.779	3
59	MP5A	Z	-11.742	3
60	MP5A	Mx	-.003	3
61	MP5B	X	3.493	1
62	MP5B	Z	-6.05	1
63	MP5B	Mx	.003	1
64	MP5B	X	3.493	3
65	MP5B	Z	-6.05	3
66	MP5B	Mx	.003	3
67	MP5C	X	6.779	1
68	MP5C	Z	-11.742	1
69	MP5C	Mx	-.003	1
70	MP5C	X	6.779	3
71	MP5C	Z	-11.742	3
72	MP5C	Mx	-.003	3
73	M106	X	11.866	1
74	M106	Z	-20.552	1
75	M106	Mx	0	1
76	M108	X	11.866	1
77	M108	Z	-20.552	1
78	M108	Mx	0	1
79	MP1A	X	3.594	2.5
80	MP1A	Z	-6.225	2.5
81	MP1A	Mx	.002	2.5
82	MP1B	X	2.368	2.5
83	MP1B	Z	-4.102	2.5
84	MP1B	Mx	-.002	2.5
85	MP1C	X	3.594	2.5
86	MP1C	Z	-6.225	2.5
87	MP1C	Mx	.002	2.5
88	MP3A	X	6.319	2.5
89	MP3A	Z	-10.946	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
90	MP3A	Mx	.003	2.5
91	MP3B	X	4.831	2.5
92	MP3B	Z	-8.367	2.5
93	MP3B	Mx	-.005	2.5
94	MP3C	X	6.319	2.5
95	MP3C	Z	-10.946	2.5
96	MP3C	Mx	.003	2.5
97	MP2A	X	6.23	2.5
98	MP2A	Z	-10.791	2.5
99	MP2A	Mx	.003	2.5
100	MP2B	X	4.473	2.5
101	MP2B	Z	-7.748	2.5
102	MP2B	Mx	-.004	2.5
103	MP2C	X	6.23	2.5
104	MP2C	Z	-10.791	2.5
105	MP2C	Mx	.003	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
1	MP1A	X	20.057	.25
2	MP1A	Z	-11.58	.25
3	MP1A	Mx	-.01	.25
4	MP1A	X	20.057	3.75
5	MP1A	Z	-11.58	3.75
6	MP1A	Mx	-.01	3.75
7	MP1B	X	20.057	.25
8	MP1B	Z	-11.58	.25
9	MP1B	Mx	.01	.25
10	MP1B	X	20.057	3.75
11	MP1B	Z	-11.58	3.75
12	MP1B	Mx	.01	3.75
13	MP1C	X	25.79	.25
14	MP1C	Z	-14.89	.25
15	MP1C	Mx	0	.25
16	MP1C	X	25.79	3.75
17	MP1C	Z	-14.89	3.75
18	MP1C	Mx	0	3.75
19	MP3A	X	17.628	.25
20	MP3A	Z	-10.178	.25
21	MP3A	Mx	-.003	.25
22	MP3A	X	17.628	3.75
23	MP3A	Z	-10.178	3.75
24	MP3A	Mx	-.003	3.75
25	MP3B	X	17.628	.25
26	MP3B	Z	-10.178	.25
27	MP3B	Mx	.015	.25
28	MP3B	X	17.628	3.75
29	MP3B	Z	-10.178	3.75
30	MP3B	Mx	.015	3.75
31	MP3C	X	22.688	.25
32	MP3C	Z	-13.099	.25



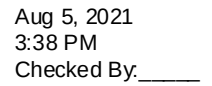
	Member Label	Direction	Magnitude [lb, k-ft]	Location [ft, %]
33	MP3C	Mx	-.015	.25
34	MP3C	X	22.688	3.75
35	MP3C	Z	-13.099	3.75
36	MP3C	Mx	-.015	3.75
37	MP3A	X	17.628	.25
38	MP3A	Z	-10.178	.25
39	MP3A	Mx	-.015	.25
40	MP3A	X	17.628	3.75
41	MP3A	Z	-10.178	3.75
42	MP3A	Mx	-.015	3.75
43	MP3B	X	17.628	.25
44	MP3B	Z	-10.178	.25
45	MP3B	Mx	.003	.25
46	MP3B	X	17.628	3.75
47	MP3B	Z	-10.178	3.75
48	MP3B	Mx	.003	3.75
49	MP3C	X	22.688	.25
50	MP3C	Z	-13.099	.25
51	MP3C	Mx	.015	.25
52	MP3C	X	22.688	3.75
53	MP3C	Z	-13.099	3.75
54	MP3C	Mx	.015	3.75
55	MP5A	X	7.947	1
56	MP5A	Z	-4.588	1
57	MP5A	Mx	-.004	1
58	MP5A	X	7.947	3
59	MP5A	Z	-4.588	3
60	MP5A	Mx	-.004	3
61	MP5B	X	7.947	1
62	MP5B	Z	-4.588	1
63	MP5B	Mx	.004	1
64	MP5B	X	7.947	3
65	MP5B	Z	-4.588	3
66	MP5B	Mx	.004	3
67	MP5C	X	13.64	1
68	MP5C	Z	-7.875	1
69	MP5C	Mx	0	1
70	MP5C	X	13.64	3
71	MP5C	Z	-7.875	3
72	MP5C	Mx	0	3
73	M106	X	17.177	1
74	M106	Z	-9.917	1
75	M106	Mx	0	1
76	M108	X	17.177	1
77	M108	Z	-9.917	1
78	M108	Mx	0	1
79	MP1A	X	4.81	2.5
80	MP1A	Z	-2.777	2.5
81	MP1A	Mx	.002	2.5
82	MP1B	X	4.81	2.5
83	MP1B	Z	-2.777	2.5
84	MP1B	Mx	-.002	2.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
85	MP1C	X	6.932	2.5
86	MP1C	Z	-4.002	2.5
87	MP1C	Mx	0	2.5
88	MP3A	X	9.226	2.5
89	MP3A	Z	-5.327	2.5
90	MP3A	Mx	.005	2.5
91	MP3B	X	9.226	2.5
92	MP3B	Z	-5.327	2.5
93	MP3B	Mx	-.005	2.5
94	MP3C	X	11.805	2.5
95	MP3C	Z	-6.816	2.5
96	MP3C	Mx	0	2.5
97	MP2A	X	8.762	2.5
98	MP2A	Z	-5.059	2.5
99	MP2A	Mx	.004	2.5
100	MP2B	X	8.762	2.5
101	MP2B	Z	-5.059	2.5
102	MP2B	Mx	-.004	2.5
103	MP2C	X	11.805	2.5
104	MP2C	Z	-6.816	2.5
105	MP2C	Mx	0	2.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP1A	X	20.953	.25
2	MP1A	Z	0	.25
3	MP1A	Mx	-.01	.25
4	MP1A	X	20.953	3.75
5	MP1A	Z	0	3.75
6	MP1A	Mx	-.01	3.75
7	MP1B	X	27.573	.25
8	MP1B	Z	0	.25
9	MP1B	Mx	.007	.25
10	MP1B	X	27.573	3.75
11	MP1B	Z	0	3.75
12	MP1B	Mx	.007	3.75
13	MP1C	X	27.573	.25
14	MP1C	Z	0	.25
15	MP1C	Mx	.007	.25
16	MP1C	X	27.573	3.75
17	MP1C	Z	0	3.75
18	MP1C	Mx	.007	3.75
19	MP3A	X	18.408	.25
20	MP3A	Z	0	.25
21	MP3A	Mx	-.009	.25
22	MP3A	X	18.408	3.75
23	MP3A	Z	0	3.75
24	MP3A	Mx	-.009	3.75
25	MP3B	X	24.25	.25
26	MP3B	Z	0	.25
27	MP3B	Mx	.018	.25



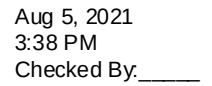
	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
28	MP3B	X	24.25	3.75
29	MP3B	Z	0	3.75
30	MP3B	Mx	.018	3.75
31	MP3C	X	24.25	.25
32	MP3C	Z	0	.25
33	MP3C	Mx	-.006	.25
34	MP3C	X	24.25	3.75
35	MP3C	Z	0	3.75
36	MP3C	Mx	-.006	3.75
37	MP3A	X	18.408	.25
38	MP3A	Z	0	.25
39	MP3A	Mx	-.009	.25
40	MP3A	X	18.408	3.75
41	MP3A	Z	0	3.75
42	MP3A	Mx	-.009	3.75
43	MP3B	X	24.25	.25
44	MP3B	Z	0	.25
45	MP3B	Mx	-.006	.25
46	MP3B	X	24.25	3.75
47	MP3B	Z	0	3.75
48	MP3B	Mx	-.006	3.75
49	MP3C	X	24.25	.25
50	MP3C	Z	0	.25
51	MP3C	Mx	.018	.25
52	MP3C	X	24.25	3.75
53	MP3C	Z	0	3.75
54	MP3C	Mx	.018	3.75
55	MP5A	X	6.986	1
56	MP5A	Z	0	1
57	MP5A	Mx	-.003	1
58	MP5A	X	6.986	3
59	MP5A	Z	0	3
60	MP5A	Mx	-.003	3
61	MP5B	X	13.559	1
62	MP5B	Z	0	1
63	MP5B	Mx	.003	1
64	MP5B	X	13.559	3
65	MP5B	Z	0	3
66	MP5B	Mx	.003	3
67	MP5C	X	13.559	1
68	MP5C	Z	0	1
69	MP5C	Mx	.003	1
70	MP5C	X	13.559	3
71	MP5C	Z	0	3
72	MP5C	Mx	.003	3
73	M106	X	17.885	1
74	M106	Z	0	1
75	M106	Mx	0	1
76	M108	X	17.885	1
77	M108	Z	0	1
78	M108	Mx	0	1
79	MP1A	X	4.737	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
80	MP1A	Z	0	2.5
81	MP1A	Mx	.002	2.5
82	MP1B	X	7.188	2.5
83	MP1B	Z	0	2.5
84	MP1B	Mx	-.002	2.5
85	MP1C	X	7.188	2.5
86	MP1C	Z	0	2.5
87	MP1C	Mx	-.002	2.5
88	MP3A	X	9.661	2.5
89	MP3A	Z	0	2.5
90	MP3A	Mx	.005	2.5
91	MP3B	X	12.639	2.5
92	MP3B	Z	0	2.5
93	MP3B	Mx	-.003	2.5
94	MP3C	X	12.639	2.5
95	MP3C	Z	0	2.5
96	MP3C	Mx	-.003	2.5
97	MP2A	X	8.946	2.5
98	MP2A	Z	0	2.5
99	MP2A	Mx	.004	2.5
100	MP2B	X	12.46	2.5
101	MP2B	Z	0	2.5
102	MP2B	Mx	-.003	2.5
103	MP2C	X	12.46	2.5
104	MP2C	Z	0	2.5
105	MP2C	Mx	-.003	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	20.057	.25
2	MP1A	Z	11.58	.25
3	MP1A	Mx	-.01	.25
4	MP1A	X	20.057	3.75
5	MP1A	Z	11.58	3.75
6	MP1A	Mx	-.01	3.75
7	MP1B	X	25.79	.25
8	MP1B	Z	14.89	.25
9	MP1B	Mx	0	.25
10	MP1B	X	25.79	3.75
11	MP1B	Z	14.89	3.75
12	MP1B	Mx	0	3.75
13	MP1C	X	20.057	.25
14	MP1C	Z	11.58	.25
15	MP1C	Mx	.01	.25
16	MP1C	X	20.057	3.75
17	MP1C	Z	11.58	3.75
18	MP1C	Mx	.01	3.75
19	MP3A	X	17.628	.25
20	MP3A	Z	10.178	.25
21	MP3A	Mx	-.015	.25
22	MP3A	X	17.628	3.75



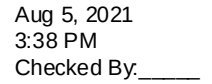
	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
23	MP3A	Z	10.178	3.75
24	MP3A	Mx	-.015	3.75
25	MP3B	X	22.688	.25
26	MP3B	Z	13.099	.25
27	MP3B	Mx	.015	.25
28	MP3B	X	22.688	3.75
29	MP3B	Z	13.099	3.75
30	MP3B	Mx	.015	3.75
31	MP3C	X	17.628	.25
32	MP3C	Z	10.178	.25
33	MP3C	Mx	.003	.25
34	MP3C	X	17.628	3.75
35	MP3C	Z	10.178	3.75
36	MP3C	Mx	.003	3.75
37	MP3A	X	17.628	.25
38	MP3A	Z	10.178	.25
39	MP3A	Mx	-.003	.25
40	MP3A	X	17.628	3.75
41	MP3A	Z	10.178	3.75
42	MP3A	Mx	-.003	3.75
43	MP3B	X	22.688	.25
44	MP3B	Z	13.099	.25
45	MP3B	Mx	-.015	.25
46	MP3B	X	22.688	3.75
47	MP3B	Z	13.099	3.75
48	MP3B	Mx	-.015	3.75
49	MP3C	X	17.628	.25
50	MP3C	Z	10.178	.25
51	MP3C	Mx	.015	.25
52	MP3C	X	17.628	3.75
53	MP3C	Z	10.178	3.75
54	MP3C	Mx	.015	3.75
55	MP5A	X	7.947	1
56	MP5A	Z	4.588	1
57	MP5A	Mx	-.004	1
58	MP5A	X	7.947	3
59	MP5A	Z	4.588	3
60	MP5A	Mx	-.004	3
61	MP5B	X	13.64	1
62	MP5B	Z	7.875	1
63	MP5B	Mx	0	1
64	MP5B	X	13.64	3
65	MP5B	Z	7.875	3
66	MP5B	Mx	0	3
67	MP5C	X	7.947	1
68	MP5C	Z	4.588	1
69	MP5C	Mx	.004	1
70	MP5C	X	7.947	3
71	MP5C	Z	4.588	3
72	MP5C	Mx	.004	3
73	M106	X	17.177	1
74	M106	Z	9.917	1

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

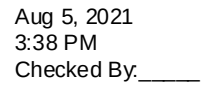
	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
75	M106	Mx	0	1
76	M108	X	17.177	1
77	M108	Z	9.917	1
78	M108	Mx	0	1
79	MP1A	X	4.81	2.5
80	MP1A	Z	2.777	2.5
81	MP1A	Mx	.002	2.5
82	MP1B	X	6.932	2.5
83	MP1B	Z	4.002	2.5
84	MP1B	Mx	0	2.5
85	MP1C	X	4.81	2.5
86	MP1C	Z	2.777	2.5
87	MP1C	Mx	-.002	2.5
88	MP3A	X	9.226	2.5
89	MP3A	Z	5.327	2.5
90	MP3A	Mx	.005	2.5
91	MP3B	X	11.805	2.5
92	MP3B	Z	6.816	2.5
93	MP3B	Mx	0	2.5
94	MP3C	X	9.226	2.5
95	MP3C	Z	5.327	2.5
96	MP3C	Mx	-.005	2.5
97	MP2A	X	8.762	2.5
98	MP2A	Z	5.059	2.5
99	MP2A	Mx	.004	2.5
100	MP2B	X	11.805	2.5
101	MP2B	Z	6.816	2.5
102	MP2B	Mx	0	2.5
103	MP2C	X	8.762	2.5
104	MP2C	Z	5.059	2.5
105	MP2C	Mx	-.004	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
1	MP1A	X	13.787	.25
2	MP1A	Z	23.879	.25
3	MP1A	Mx	-.007	.25
4	MP1A	X	13.787	3.75
5	MP1A	Z	23.879	3.75
6	MP1A	Mx	-.007	3.75
7	MP1B	X	13.787	.25
8	MP1B	Z	23.879	.25
9	MP1B	Mx	-.007	.25
10	MP1B	X	13.787	3.75
11	MP1B	Z	23.879	3.75
12	MP1B	Mx	-.007	3.75
13	MP1C	X	10.477	.25
14	MP1C	Z	18.146	.25
15	MP1C	Mx	.01	.25
16	MP1C	X	10.477	3.75
17	MP1C	Z	18.146	3.75



	Member Label	Direction	Magnitude [lb, k-ft]	Location [ft, %]
18	MP1C	Mx	.01	3.75
19	MP3A	X	12.125	.25
20	MP3A	Z	21.001	.25
21	MP3A	Mx	-.018	.25
22	MP3A	X	12.125	3.75
23	MP3A	Z	21.001	3.75
24	MP3A	Mx	-.018	3.75
25	MP3B	X	12.125	.25
26	MP3B	Z	21.001	.25
27	MP3B	Mx	.006	.25
28	MP3B	X	12.125	3.75
29	MP3B	Z	21.001	3.75
30	MP3B	Mx	.006	3.75
31	MP3C	X	9.204	.25
32	MP3C	Z	15.942	.25
33	MP3C	Mx	.009	.25
34	MP3C	X	9.204	3.75
35	MP3C	Z	15.942	3.75
36	MP3C	Mx	.009	3.75
37	MP3A	X	12.125	.25
38	MP3A	Z	21.001	.25
39	MP3A	Mx	.006	.25
40	MP3A	X	12.125	3.75
41	MP3A	Z	21.001	3.75
42	MP3A	Mx	.006	3.75
43	MP3B	X	12.125	.25
44	MP3B	Z	21.001	.25
45	MP3B	Mx	-.018	.25
46	MP3B	X	12.125	3.75
47	MP3B	Z	21.001	3.75
48	MP3B	Mx	-.018	3.75
49	MP3C	X	9.204	.25
50	MP3C	Z	15.942	.25
51	MP3C	Mx	.009	.25
52	MP3C	X	9.204	3.75
53	MP3C	Z	15.942	3.75
54	MP3C	Mx	.009	3.75
55	MP5A	X	6.779	1
56	MP5A	Z	11.742	1
57	MP5A	Mx	-.003	1
58	MP5A	X	6.779	3
59	MP5A	Z	11.742	3
60	MP5A	Mx	-.003	3
61	MP5B	X	6.779	1
62	MP5B	Z	11.742	1
63	MP5B	Mx	-.003	1
64	MP5B	X	6.779	3
65	MP5B	Z	11.742	3
66	MP5B	Mx	-.003	3
67	MP5C	X	3.493	1
68	MP5C	Z	6.05	1
69	MP5C	Mx	.003	1



	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
70	MP5C	X	3.493	3
71	MP5C	Z	6.05	3
72	MP5C	Mx	.003	3
73	M106	X	11.866	1
74	M106	Z	20.552	1
75	M106	Mx	0	1
76	M108	X	11.866	1
77	M108	Z	20.552	1
78	M108	Mx	0	1
79	MP1A	X	3.594	2.5
80	MP1A	Z	6.225	2.5
81	MP1A	Mx	.002	2.5
82	MP1B	X	3.594	2.5
83	MP1B	Z	6.225	2.5
84	MP1B	Mx	.002	2.5
85	MP1C	X	2.368	2.5
86	MP1C	Z	4.102	2.5
87	MP1C	Mx	-.002	2.5
88	MP3A	X	6.319	2.5
89	MP3A	Z	10.946	2.5
90	MP3A	Mx	.003	2.5
91	MP3B	X	6.319	2.5
92	MP3B	Z	10.946	2.5
93	MP3B	Mx	.003	2.5
94	MP3C	X	4.831	2.5
95	MP3C	Z	8.367	2.5
96	MP3C	Mx	-.005	2.5
97	MP2A	X	6.23	2.5
98	MP2A	Z	10.791	2.5
99	MP2A	Mx	.003	2.5
100	MP2B	X	6.23	2.5
101	MP2B	Z	10.791	2.5
102	MP2B	Mx	.003	2.5
103	MP2C	X	4.473	2.5
104	MP2C	Z	7.748	2.5
105	MP2C	Mx	-.004	2.5

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	0	.25
2	MP1A	Z	29.78	.25
3	MP1A	Mx	0	.25
4	MP1A	X	0	3.75
5	MP1A	Z	29.78	3.75
6	MP1A	Mx	0	3.75
7	MP1B	X	0	.25
8	MP1B	Z	23.16	.25
9	MP1B	Mx	-.01	.25
10	MP1B	X	0	3.75
11	MP1B	Z	23.16	3.75
12	MP1B	Mx	-.01	3.75

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

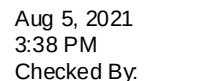
	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
65	MP5B	Z	9.177	3
66	MP5B	Mx	-.004	3
67	MP5C	X	0	1
68	MP5C	Z	9.177	1
69	MP5C	Mx	.004	1
70	MP5C	X	0	3
71	MP5C	Z	9.177	3
72	MP5C	Mx	.004	3
73	M106	X	0	1
74	M106	Z	25.68	1
75	M106	Mx	0	1
76	M108	X	0	1
77	M108	Z	25.68	1
78	M108	Mx	0	1
79	MP1A	X	0	2.5
80	MP1A	Z	8.005	2.5
81	MP1A	Mx	0	2.5
82	MP1B	X	0	2.5
83	MP1B	Z	5.554	2.5
84	MP1B	Mx	.002	2.5
85	MP1C	X	0	2.5
86	MP1C	Z	5.554	2.5
87	MP1C	Mx	-.002	2.5
88	MP3A	X	0	2.5
89	MP3A	Z	13.632	2.5
90	MP3A	Mx	0	2.5
91	MP3B	X	0	2.5
92	MP3B	Z	10.654	2.5
93	MP3B	Mx	.005	2.5
94	MP3C	X	0	2.5
95	MP3C	Z	10.654	2.5
96	MP3C	Mx	-.005	2.5
97	MP2A	X	0	2.5
98	MP2A	Z	13.632	2.5
99	MP2A	Mx	0	2.5
100	MP2B	X	0	2.5
101	MP2B	Z	10.118	2.5
102	MP2B	Mx	.004	2.5
103	MP2C	X	0	2.5
104	MP2C	Z	10.118	2.5
105	MP2C	Mx	-.004	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-13.787	.25
2	MP1A	Z	23.879	.25
3	MP1A	Mx	.007	.25
4	MP1A	X	-13.787	3.75
5	MP1A	Z	23.879	3.75
6	MP1A	Mx	.007	3.75
7	MP1B	X	-10.477	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
8	MP1B	Z	18.146	.25
9	MP1B	Mx	-.01	.25
10	MP1B	X	-10.477	3.75
11	MP1B	Z	18.146	3.75
12	MP1B	Mx	-.01	3.75
13	MP1C	X	-13.787	.25
14	MP1C	Z	23.879	.25
15	MP1C	Mx	.007	.25
16	MP1C	X	-13.787	3.75
17	MP1C	Z	23.879	3.75
18	MP1C	Mx	.007	3.75
19	MP3A	X	-12.125	.25
20	MP3A	Z	21.001	.25
21	MP3A	Mx	-.006	.25
22	MP3A	X	-12.125	3.75
23	MP3A	Z	21.001	3.75
24	MP3A	Mx	-.006	3.75
25	MP3B	X	-9.204	.25
26	MP3B	Z	15.942	.25
27	MP3B	Mx	-.009	.25
28	MP3B	X	-9.204	3.75
29	MP3B	Z	15.942	3.75
30	MP3B	Mx	-.009	3.75
31	MP3C	X	-12.125	.25
32	MP3C	Z	21.001	.25
33	MP3C	Mx	.018	.25
34	MP3C	X	-12.125	3.75
35	MP3C	Z	21.001	3.75
36	MP3C	Mx	.018	3.75
37	MP3A	X	-12.125	.25
38	MP3A	Z	21.001	.25
39	MP3A	Mx	.018	.25
40	MP3A	X	-12.125	3.75
41	MP3A	Z	21.001	3.75
42	MP3A	Mx	.018	3.75
43	MP3B	X	-9.204	.25
44	MP3B	Z	15.942	.25
45	MP3B	Mx	-.009	.25
46	MP3B	X	-9.204	3.75
47	MP3B	Z	15.942	3.75
48	MP3B	Mx	-.009	3.75
49	MP3C	X	-12.125	.25
50	MP3C	Z	21.001	.25
51	MP3C	Mx	-.006	.25
52	MP3C	X	-12.125	3.75
53	MP3C	Z	21.001	3.75
54	MP3C	Mx	-.006	3.75
55	MP5A	X	-6.779	1
56	MP5A	Z	11.742	1
57	MP5A	Mx	.003	1
58	MP5A	X	-6.779	3
59	MP5A	Z	11.742	3

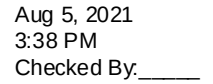


	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
60	MP5A	Mx	.003	3
61	MP5B	X	-3.493	1
62	MP5B	Z	6.05	1
63	MP5B	Mx	-.003	1
64	MP5B	X	-3.493	3
65	MP5B	Z	6.05	3
66	MP5B	Mx	-.003	3
67	MP5C	X	-6.779	1
68	MP5C	Z	11.742	1
69	MP5C	Mx	.003	1
70	MP5C	X	-6.779	3
71	MP5C	Z	11.742	3
72	MP5C	Mx	.003	3
73	M106	X	-11.866	1
74	M106	Z	20.552	1
75	M106	Mx	0	1
76	M108	X	-11.866	1
77	M108	Z	20.552	1
78	M108	Mx	0	1
79	MP1A	X	-3.594	2.5
80	MP1A	Z	6.225	2.5
81	MP1A	Mx	-.002	2.5
82	MP1B	X	-2.368	2.5
83	MP1B	Z	4.102	2.5
84	MP1B	Mx	.002	2.5
85	MP1C	X	-3.594	2.5
86	MP1C	Z	6.225	2.5
87	MP1C	Mx	-.002	2.5
88	MP3A	X	-6.319	2.5
89	MP3A	Z	10.946	2.5
90	MP3A	Mx	-.003	2.5
91	MP3B	X	-4.831	2.5
92	MP3B	Z	8.367	2.5
93	MP3B	Mx	.005	2.5
94	MP3C	X	-6.319	2.5
95	MP3C	Z	10.946	2.5
96	MP3C	Mx	-.003	2.5
97	MP2A	X	-6.23	2.5
98	MP2A	Z	10.791	2.5
99	MP2A	Mx	-.003	2.5
100	MP2B	X	-4.473	2.5
101	MP2B	Z	7.748	2.5
102	MP2B	Mx	.004	2.5
103	MP2C	X	-6.23	2.5
104	MP2C	Z	10.791	2.5
105	MP2C	Mx	-.003	2.5

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-20.057	.25
2	MP1A	Z	11.58	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
3	MP1A	Mx	.01	.25
4	MP1A	X	-20.057	3.75
5	MP1A	Z	11.58	3.75
6	MP1A	Mx	.01	3.75
7	MP1B	X	-20.057	.25
8	MP1B	Z	11.58	.25
9	MP1B	Mx	-.01	.25
10	MP1B	X	-20.057	3.75
11	MP1B	Z	11.58	3.75
12	MP1B	Mx	-.01	3.75
13	MP1C	X	-25.79	.25
14	MP1C	Z	14.89	.25
15	MP1C	Mx	0	.25
16	MP1C	X	-25.79	3.75
17	MP1C	Z	14.89	3.75
18	MP1C	Mx	0	3.75
19	MP3A	X	-17.628	.25
20	MP3A	Z	10.178	.25
21	MP3A	Mx	.003	.25
22	MP3A	X	-17.628	3.75
23	MP3A	Z	10.178	3.75
24	MP3A	Mx	.003	3.75
25	MP3B	X	-17.628	.25
26	MP3B	Z	10.178	.25
27	MP3B	Mx	-.015	.25
28	MP3B	X	-17.628	3.75
29	MP3B	Z	10.178	3.75
30	MP3B	Mx	-.015	3.75
31	MP3C	X	-22.688	.25
32	MP3C	Z	13.099	.25
33	MP3C	Mx	.015	.25
34	MP3C	X	-22.688	3.75
35	MP3C	Z	13.099	3.75
36	MP3C	Mx	.015	3.75
37	MP3A	X	-17.628	.25
38	MP3A	Z	10.178	.25
39	MP3A	Mx	.015	.25
40	MP3A	X	-17.628	3.75
41	MP3A	Z	10.178	3.75
42	MP3A	Mx	.015	3.75
43	MP3B	X	-17.628	.25
44	MP3B	Z	10.178	.25
45	MP3B	Mx	-.003	.25
46	MP3B	X	-17.628	3.75
47	MP3B	Z	10.178	3.75
48	MP3B	Mx	-.003	3.75
49	MP3C	X	-22.688	.25
50	MP3C	Z	13.099	.25
51	MP3C	Mx	-.015	.25
52	MP3C	X	-22.688	3.75
53	MP3C	Z	13.099	3.75
54	MP3C	Mx	-.015	3.75



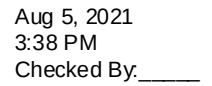
	Member Label	Direction	Magnitude [lb, k-ft]	Location [ft, %]
55	MP5A	X	-7.947	1
56	MP5A	Z	4.588	1
57	MP5A	Mx	.004	1
58	MP5A	X	-7.947	3
59	MP5A	Z	4.588	3
60	MP5A	Mx	.004	3
61	MP5B	X	-7.947	1
62	MP5B	Z	4.588	1
63	MP5B	Mx	-.004	1
64	MP5B	X	-7.947	3
65	MP5B	Z	4.588	3
66	MP5B	Mx	-.004	3
67	MP5C	X	-13.64	1
68	MP5C	Z	7.875	1
69	MP5C	Mx	0	1
70	MP5C	X	-13.64	3
71	MP5C	Z	7.875	3
72	MP5C	Mx	0	3
73	M106	X	-17.177	1
74	M106	Z	9.917	1
75	M106	Mx	0	1
76	M108	X	-17.177	1
77	M108	Z	9.917	1
78	M108	Mx	0	1
79	MP1A	X	-4.81	2.5
80	MP1A	Z	2.777	2.5
81	MP1A	Mx	-.002	2.5
82	MP1B	X	-4.81	2.5
83	MP1B	Z	2.777	2.5
84	MP1B	Mx	.002	2.5
85	MP1C	X	-6.932	2.5
86	MP1C	Z	4.002	2.5
87	MP1C	Mx	0	2.5
88	MP3A	X	-9.226	2.5
89	MP3A	Z	5.327	2.5
90	MP3A	Mx	-.005	2.5
91	MP3B	X	-9.226	2.5
92	MP3B	Z	5.327	2.5
93	MP3B	Mx	.005	2.5
94	MP3C	X	-11.805	2.5
95	MP3C	Z	6.816	2.5
96	MP3C	Mx	0	2.5
97	MP2A	X	-8.762	2.5
98	MP2A	Z	5.059	2.5
99	MP2A	Mx	-.004	2.5
100	MP2B	X	-8.762	2.5
101	MP2B	Z	5.059	2.5
102	MP2B	Mx	.004	2.5
103	MP2C	X	-11.805	2.5
104	MP2C	Z	6.816	2.5
105	MP2C	Mx	0	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
1	MP1A	X	-20.953	.25
2	MP1A	Z	0	.25
3	MP1A	Mx	.01	.25
4	MP1A	X	-20.953	3.75
5	MP1A	Z	0	3.75
6	MP1A	Mx	.01	3.75
7	MP1B	X	-27.573	.25
8	MP1B	Z	0	.25
9	MP1B	Mx	-.007	.25
10	MP1B	X	-27.573	3.75
11	MP1B	Z	0	3.75
12	MP1B	Mx	-.007	3.75
13	MP1C	X	-27.573	.25
14	MP1C	Z	0	.25
15	MP1C	Mx	-.007	.25
16	MP1C	X	-27.573	3.75
17	MP1C	Z	0	3.75
18	MP1C	Mx	-.007	3.75
19	MP3A	X	-18.408	.25
20	MP3A	Z	0	.25
21	MP3A	Mx	.009	.25
22	MP3A	X	-18.408	3.75
23	MP3A	Z	0	3.75
24	MP3A	Mx	.009	3.75
25	MP3B	X	-24.25	.25
26	MP3B	Z	0	.25
27	MP3B	Mx	-.018	.25
28	MP3B	X	-24.25	3.75
29	MP3B	Z	0	3.75
30	MP3B	Mx	-.018	3.75
31	MP3C	X	-24.25	.25
32	MP3C	Z	0	.25
33	MP3C	Mx	.006	.25
34	MP3C	X	-24.25	3.75
35	MP3C	Z	0	3.75
36	MP3C	Mx	.006	3.75
37	MP3A	X	-18.408	.25
38	MP3A	Z	0	.25
39	MP3A	Mx	.009	.25
40	MP3A	X	-18.408	3.75
41	MP3A	Z	0	3.75
42	MP3A	Mx	.009	3.75
43	MP3B	X	-24.25	.25
44	MP3B	Z	0	.25
45	MP3B	Mx	.006	.25
46	MP3B	X	-24.25	3.75
47	MP3B	Z	0	3.75
48	MP3B	Mx	.006	3.75
49	MP3C	X	-24.25	.25
50	MP3C	Z	0	.25
51	MP3C	Mx	-.018	.25
52	MP3C	X	-24.25	3.75

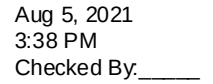
Member Point Loads (BLC 24 : Antenna Wi (270 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
53	MP3C	Z	0	3.75
54	MP3C	Mx	-.018	3.75
55	MP5A	X	-6.986	1
56	MP5A	Z	0	1
57	MP5A	Mx	.003	1
58	MP5A	X	-6.986	3
59	MP5A	Z	0	3
60	MP5A	Mx	.003	3
61	MP5B	X	-13.559	1
62	MP5B	Z	0	1
63	MP5B	Mx	-.003	1
64	MP5B	X	-13.559	3
65	MP5B	Z	0	3
66	MP5B	Mx	-.003	3
67	MP5C	X	-13.559	1
68	MP5C	Z	0	1
69	MP5C	Mx	-.003	1
70	MP5C	X	-13.559	3
71	MP5C	Z	0	3
72	MP5C	Mx	-.003	3
73	M106	X	-17.885	1
74	M106	Z	0	1
75	M106	Mx	0	1
76	M108	X	-17.885	1
77	M108	Z	0	1
78	M108	Mx	0	1
79	MP1A	X	-4.737	2.5
80	MP1A	Z	0	2.5
81	MP1A	Mx	-.002	2.5
82	MP1B	X	-7.188	2.5
83	MP1B	Z	0	2.5
84	MP1B	Mx	.002	2.5
85	MP1C	X	-7.188	2.5
86	MP1C	Z	0	2.5
87	MP1C	Mx	.002	2.5
88	MP3A	X	-9.661	2.5
89	MP3A	Z	0	2.5
90	MP3A	Mx	-.005	2.5
91	MP3B	X	-12.639	2.5
92	MP3B	Z	0	2.5
93	MP3B	Mx	.003	2.5
94	MP3C	X	-12.639	2.5
95	MP3C	Z	0	2.5
96	MP3C	Mx	.003	2.5
97	MP2A	X	-8.946	2.5
98	MP2A	Z	0	2.5
99	MP2A	Mx	-.004	2.5
100	MP2B	X	-12.46	2.5
101	MP2B	Z	0	2.5
102	MP2B	Mx	.003	2.5
103	MP2C	X	-12.46	2.5
104	MP2C	Z	0	2.5

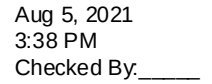


	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
105	MP2C	Mx	.003	2.5

	Member Label	Direction	Magnitude [lb, k-ft]	Location [ft, %]
1	MP1A	X	-20.057	.25
2	MP1A	Z	-11.58	.25
3	MP1A	Mx	.01	.25
4	MP1A	X	-20.057	3.75
5	MP1A	Z	-11.58	3.75
6	MP1A	Mx	.01	3.75
7	MP1B	X	-25.79	.25
8	MP1B	Z	-14.89	.25
9	MP1B	Mx	0	.25
10	MP1B	X	-25.79	3.75
11	MP1B	Z	-14.89	3.75
12	MP1B	Mx	0	3.75
13	MP1C	X	-20.057	.25
14	MP1C	Z	-11.58	.25
15	MP1C	Mx	-.01	.25
16	MP1C	X	-20.057	3.75
17	MP1C	Z	-11.58	3.75
18	MP1C	Mx	-.01	3.75
19	MP3A	X	-17.628	.25
20	MP3A	Z	-10.178	.25
21	MP3A	Mx	.015	.25
22	MP3A	X	-17.628	3.75
23	MP3A	Z	-10.178	3.75
24	MP3A	Mx	.015	3.75
25	MP3B	X	-22.688	.25
26	MP3B	Z	-13.099	.25
27	MP3B	Mx	-.015	.25
28	MP3B	X	-22.688	3.75
29	MP3B	Z	-13.099	3.75
30	MP3B	Mx	-.015	3.75
31	MP3C	X	-17.628	.25
32	MP3C	Z	-10.178	.25
33	MP3C	Mx	-.003	.25
34	MP3C	X	-17.628	3.75
35	MP3C	Z	-10.178	3.75
36	MP3C	Mx	-.003	3.75
37	MP3A	X	-17.628	.25
38	MP3A	Z	-10.178	.25
39	MP3A	Mx	.003	.25
40	MP3A	X	-17.628	3.75
41	MP3A	Z	-10.178	3.75
42	MP3A	Mx	.003	3.75
43	MP3B	X	-22.688	.25
44	MP3B	Z	-13.099	.25
45	MP3B	Mx	.015	.25
46	MP3B	X	-22.688	3.75
47	MP3B	Z	-13.099	3.75

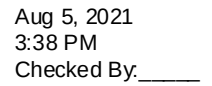


	Member Label	Direction	Magnitude [lb,k-ft]	Location [ft, %]
48	MP3B	Mx	.015	3.75
49	MP3C	X	-17.628	.25
50	MP3C	Z	-10.178	.25
51	MP3C	Mx	-.015	.25
52	MP3C	X	-17.628	3.75
53	MP3C	Z	-10.178	3.75
54	MP3C	Mx	-.015	3.75
55	MP5A	X	-7.947	1
56	MP5A	Z	-4.588	1
57	MP5A	Mx	.004	1
58	MP5A	X	-7.947	3
59	MP5A	Z	-4.588	3
60	MP5A	Mx	.004	3
61	MP5B	X	-13.64	1
62	MP5B	Z	-7.875	1
63	MP5B	Mx	0	1
64	MP5B	X	-13.64	3
65	MP5B	Z	-7.875	3
66	MP5B	Mx	0	3
67	MP5C	X	-7.947	1
68	MP5C	Z	-4.588	1
69	MP5C	Mx	-.004	1
70	MP5C	X	-7.947	3
71	MP5C	Z	-4.588	3
72	MP5C	Mx	-.004	3
73	M106	X	-17.177	1
74	M106	Z	-9.917	1
75	M106	Mx	0	1
76	M108	X	-17.177	1
77	M108	Z	-9.917	1
78	M108	Mx	0	1
79	MP1A	X	-4.81	2.5
80	MP1A	Z	-2.777	2.5
81	MP1A	Mx	-.002	2.5
82	MP1B	X	-6.932	2.5
83	MP1B	Z	-4.002	2.5
84	MP1B	Mx	0	2.5
85	MP1C	X	-4.81	2.5
86	MP1C	Z	-2.777	2.5
87	MP1C	Mx	.002	2.5
88	MP3A	X	-9.226	2.5
89	MP3A	Z	-5.327	2.5
90	MP3A	Mx	-.005	2.5
91	MP3B	X	-11.805	2.5
92	MP3B	Z	-6.816	2.5
93	MP3B	Mx	0	2.5
94	MP3C	X	-9.226	2.5
95	MP3C	Z	-5.327	2.5
96	MP3C	Mx	.005	2.5
97	MP2A	X	-8.762	2.5
98	MP2A	Z	-5.059	2.5
99	MP2A	Mx	-.004	2.5



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
43	MP3B	X	-12.125	.25
44	MP3B	Z	-21.001	.25
45	MP3B	Mx	.018	.25
46	MP3B	X	-12.125	3.75
47	MP3B	Z	-21.001	3.75
48	MP3B	Mx	.018	3.75
49	MP3C	X	-9.204	.25
50	MP3C	Z	-15.942	.25
51	MP3C	Mx	-.009	.25
52	MP3C	X	-9.204	3.75
53	MP3C	Z	-15.942	3.75
54	MP3C	Mx	-.009	3.75
55	MP5A	X	-6.779	1
56	MP5A	Z	-11.742	1
57	MP5A	Mx	.003	1
58	MP5A	X	-6.779	3
59	MP5A	Z	-11.742	3
60	MP5A	Mx	.003	3
61	MP5B	X	-6.779	1
62	MP5B	Z	-11.742	1
63	MP5B	Mx	.003	1
64	MP5B	X	-6.779	3
65	MP5B	Z	-11.742	3
66	MP5B	Mx	.003	3
67	MP5C	X	-3.493	1
68	MP5C	Z	-6.05	1
69	MP5C	Mx	-.003	1
70	MP5C	X	-3.493	3
71	MP5C	Z	-6.05	3
72	MP5C	Mx	-.003	3
73	M106	X	-11.866	1
74	M106	Z	-20.552	1
75	M106	Mx	0	1
76	M108	X	-11.866	1
77	M108	Z	-20.552	1
78	M108	Mx	0	1
79	MP1A	X	-3.594	2.5
80	MP1A	Z	-6.225	2.5
81	MP1A	Mx	-.002	2.5
82	MP1B	X	-3.594	2.5
83	MP1B	Z	-6.225	2.5
84	MP1B	Mx	-.002	2.5
85	MP1C	X	-2.368	2.5
86	MP1C	Z	-4.102	2.5
87	MP1C	Mx	.002	2.5
88	MP3A	X	-6.319	2.5
89	MP3A	Z	-10.946	2.5
90	MP3A	Mx	-.003	2.5
91	MP3B	X	-6.319	2.5
92	MP3B	Z	-10.946	2.5
93	MP3B	Mx	-.003	2.5
94	MP3C	X	-4.831	2.5



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

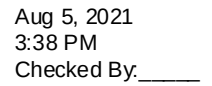
	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
38	MP3A	Z	-8.123	.25
39	MP3A	Mx	-.005	.25
40	MP3A	X	0	3.75
41	MP3A	Z	-8.123	3.75
42	MP3A	Mx	-.005	3.75
43	MP3B	X	0	.25
44	MP3B	Z	-6.073	.25
45	MP3B	Mx	.004	.25
46	MP3B	X	0	3.75
47	MP3B	Z	-6.073	3.75
48	MP3B	Mx	.004	3.75
49	MP3C	X	0	.25
50	MP3C	Z	-6.073	.25
51	MP3C	Mx	-.000858	.25
52	MP3C	X	0	3.75
53	MP3C	Z	-6.073	3.75
54	MP3C	Mx	-.000858	3.75
55	MP5A	X	0	1
56	MP5A	Z	-4.743	1
57	MP5A	Mx	0	1
58	MP5A	X	0	3
59	MP5A	Z	-4.743	3
60	MP5A	Mx	0	3
61	MP5B	X	0	1
62	MP5B	Z	-2.578	1
63	MP5B	Mx	.001	1
64	MP5B	X	0	3
65	MP5B	Z	-2.578	3
66	MP5B	Mx	.001	3
67	MP5C	X	0	1
68	MP5C	Z	-2.578	1
69	MP5C	Mx	-.001	1
70	MP5C	X	0	3
71	MP5C	Z	-2.578	3
72	MP5C	Mx	-.001	3
73	M106	X	0	1
74	M106	Z	-7.649	1
75	M106	Mx	0	1
76	M108	X	0	1
77	M108	Z	-7.649	1
78	M108	Mx	0	1
79	MP1A	X	0	2.5
80	MP1A	Z	-2.018	2.5
81	MP1A	Mx	0	2.5
82	MP1B	X	0	2.5
83	MP1B	Z	-1.263	2.5
84	MP1B	Mx	-.000547	2.5
85	MP1C	X	0	2.5
86	MP1C	Z	-1.263	2.5
87	MP1C	Mx	.000547	2.5
88	MP3A	X	0	2.5
89	MP3A	Z	-3.774	2.5

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

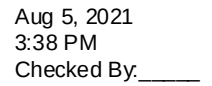
	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
90	MP3A	Mx	0	2.5
91	MP3B	X	0	2.5
92	MP3B	Z	-2.835	2.5
93	MP3B	Mx	-.001	2.5
94	MP3C	X	0	2.5
95	MP3C	Z	-2.835	2.5
96	MP3C	Mx	.001	2.5
97	MP2A	X	0	2.5
98	MP2A	Z	-3.774	2.5
99	MP2A	Mx	0	2.5
100	MP2B	X	0	2.5
101	MP2B	Z	-2.665	2.5
102	MP2B	Mx	-.001	2.5
103	MP2C	X	0	2.5
104	MP2C	Z	-2.665	2.5
105	MP2C	Mx	.001	2.5

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

	Member Label	Direction	Magnitude[lb, k-ft]	Location[ft, %]
1	MP1A	X	4.267	.25
2	MP1A	Z	-7.391	.25
3	MP1A	Mx	-.002	.25
4	MP1A	X	4.267	3.75
5	MP1A	Z	-7.391	3.75
6	MP1A	Mx	-.002	3.75
7	MP1B	X	3.098	.25
8	MP1B	Z	-5.366	.25
9	MP1B	Mx	.003	.25
10	MP1B	X	3.098	3.75
11	MP1B	Z	-5.366	3.75
12	MP1B	Mx	.003	3.75
13	MP1C	X	4.267	.25
14	MP1C	Z	-7.391	.25
15	MP1C	Mx	-.002	.25
16	MP1C	X	4.267	3.75
17	MP1C	Z	-7.391	3.75
18	MP1C	Mx	-.002	3.75
19	MP3A	X	3.731	.25
20	MP3A	Z	-6.463	.25
21	MP3A	Mx	.002	.25
22	MP3A	X	3.731	3.75
23	MP3A	Z	-6.463	3.75
24	MP3A	Mx	.002	3.75
25	MP3B	X	2.695	.25
26	MP3B	Z	-4.668	.25
27	MP3B	Mx	.003	.25
28	MP3B	X	2.695	3.75
29	MP3B	Z	-4.668	3.75
30	MP3B	Mx	.003	3.75
31	MP3C	X	3.731	.25
32	MP3C	Z	-6.463	.25

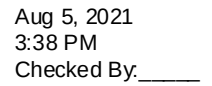


	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
33	MP3C	Mx	-.006	.25
34	MP3C	X	3.731	3.75
35	MP3C	Z	-6.463	3.75
36	MP3C	Mx	-.006	3.75
37	MP3A	X	3.72	.25
38	MP3A	Z	-6.443	.25
39	MP3A	Mx	-.006	.25
40	MP3A	X	3.72	3.75
41	MP3A	Z	-6.443	3.75
42	MP3A	Mx	-.006	3.75
43	MP3B	X	2.695	.25
44	MP3B	Z	-4.668	.25
45	MP3B	Mx	.003	.25
46	MP3B	X	2.695	3.75
47	MP3B	Z	-4.668	3.75
48	MP3B	Mx	.003	3.75
49	MP3C	X	3.72	.25
50	MP3C	Z	-6.443	.25
51	MP3C	Mx	.002	.25
52	MP3C	X	3.72	3.75
53	MP3C	Z	-6.443	3.75
54	MP3C	Mx	.002	3.75
55	MP5A	X	2.011	1
56	MP5A	Z	-3.482	1
57	MP5A	Mx	-.001	1
58	MP5A	X	2.011	3
59	MP5A	Z	-3.482	3
60	MP5A	Mx	-.001	3
61	MP5B	X	.928	1
62	MP5B	Z	-1.608	1
63	MP5B	Mx	.000928	1
64	MP5B	X	.928	3
65	MP5B	Z	-1.608	3
66	MP5B	Mx	.000928	3
67	MP5C	X	2.011	1
68	MP5C	Z	-3.482	1
69	MP5C	Mx	-.001	1
70	MP5C	X	2.011	3
71	MP5C	Z	-3.482	3
72	MP5C	Mx	-.001	3
73	M106	X	3.501	1
74	M106	Z	-6.064	1
75	M106	Mx	0	1
76	M108	X	3.501	1
77	M108	Z	-6.064	1
78	M108	Mx	0	1
79	MP1A	X	.883	2.5
80	MP1A	Z	-1.53	2.5
81	MP1A	Mx	.000442	2.5
82	MP1B	X	.506	2.5
83	MP1B	Z	-.876	2.5
84	MP1B	Mx	-.000506	2.5



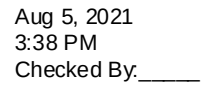
Member Point Loads (BLC 29 : Antenna Wm (60 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
28	MP3B	X	5.266	3.75
29	MP3B	Z	-3.04	3.75
30	MP3B	Mx	.004	3.75
31	MP3C	X	7.061	.25
32	MP3C	Z	-4.077	.25
33	MP3C	Mx	-.005	.25
34	MP3C	X	7.061	3.75
35	MP3C	Z	-4.077	3.75
36	MP3C	Mx	-.005	3.75
37	MP3A	X	5.26	.25
38	MP3A	Z	-3.037	.25
39	MP3A	Mx	-.004	.25
40	MP3A	X	5.26	3.75
41	MP3A	Z	-3.037	3.75
42	MP3A	Mx	-.004	3.75
43	MP3B	X	5.26	.25
44	MP3B	Z	-3.037	.25
45	MP3B	Mx	.000859	.25
46	MP3B	X	5.26	3.75
47	MP3B	Z	-3.037	3.75
48	MP3B	Mx	.000859	3.75
49	MP3C	X	7.035	.25
50	MP3C	Z	-4.061	.25
51	MP3C	Mx	.005	.25
52	MP3C	X	7.035	3.75
53	MP3C	Z	-4.061	3.75
54	MP3C	Mx	.005	3.75
55	MP5A	X	2.233	1
56	MP5A	Z	-1.289	1
57	MP5A	Mx	-.001	1
58	MP5A	X	2.233	3
59	MP5A	Z	-1.289	3
60	MP5A	Mx	-.001	3
61	MP5B	X	2.233	1
62	MP5B	Z	-1.289	1
63	MP5B	Mx	.001	1
64	MP5B	X	2.233	3
65	MP5B	Z	-1.289	3
66	MP5B	Mx	.001	3
67	MP5C	X	4.107	1
68	MP5C	Z	-2.371	1
69	MP5C	Mx	0	1
70	MP5C	X	4.107	3
71	MP5C	Z	-2.371	3
72	MP5C	Mx	0	3
73	M106	X	4.944	1
74	M106	Z	-2.855	1
75	M106	Mx	0	1
76	M108	X	4.944	1
77	M108	Z	-2.855	1
78	M108	Mx	0	1
79	MP1A	X	1.094	2.5



	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
80	MP1A	Z	-.631	2.5
81	MP1A	Mx	.000547	2.5
82	MP1B	X	1.094	2.5
83	MP1B	Z	-.631	2.5
84	MP1B	Mx	-.000547	2.5
85	MP1C	X	1.748	2.5
86	MP1C	Z	-1.009	2.5
87	MP1C	Mx	0	2.5
88	MP3A	X	2.456	2.5
89	MP3A	Z	-1.418	2.5
90	MP3A	Mx	.001	2.5
91	MP3B	X	2.456	2.5
92	MP3B	Z	-1.418	2.5
93	MP3B	Mx	-.001	2.5
94	MP3C	X	3.268	2.5
95	MP3C	Z	-1.887	2.5
96	MP3C	Mx	0	2.5
97	MP2A	X	2.308	2.5
98	MP2A	Z	-1.333	2.5
99	MP2A	Mx	.001	2.5
100	MP2B	X	2.308	2.5
101	MP2B	Z	-1.333	2.5
102	MP2B	Mx	-.001	2.5
103	MP2C	X	3.268	2.5
104	MP2C	Z	-1.887	2.5
105	MP2C	Mx	0	2.5

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	6.196	.25
2	MP1A	Z	0	.25
3	MP1A	Mx	-.003	.25
4	MP1A	X	6.196	3.75
5	MP1A	Z	0	3.75
6	MP1A	Mx	-.003	3.75
7	MP1B	X	8.534	.25
8	MP1B	Z	0	.25
9	MP1B	Mx	.002	.25
10	MP1B	X	8.534	3.75
11	MP1B	Z	0	3.75
12	MP1B	Mx	.002	3.75
13	MP1C	X	8.534	.25
14	MP1C	Z	0	.25
15	MP1C	Mx	.002	.25
16	MP1C	X	8.534	3.75
17	MP1C	Z	0	3.75
18	MP1C	Mx	.002	3.75
19	MP3A	X	5.39	.25
20	MP3A	Z	0	.25
21	MP3A	Mx	-.003	.25
22	MP3A	X	5.39	3.75



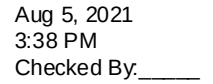
	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
23	MP3A	Z	0	3.75
24	MP3A	Mx	-.003	3.75
25	MP3B	X	7.462	.25
26	MP3B	Z	0	.25
27	MP3B	Mx	.006	.25
28	MP3B	X	7.462	3.75
29	MP3B	Z	0	3.75
30	MP3B	Mx	.006	3.75
31	MP3C	X	7.462	.25
32	MP3C	Z	0	.25
33	MP3C	Mx	-.002	.25
34	MP3C	X	7.462	3.75
35	MP3C	Z	0	3.75
36	MP3C	Mx	-.002	3.75
37	MP3A	X	5.39	.25
38	MP3A	Z	0	.25
39	MP3A	Mx	-.003	.25
40	MP3A	X	5.39	3.75
41	MP3A	Z	0	3.75
42	MP3A	Mx	-.003	3.75
43	MP3B	X	7.44	.25
44	MP3B	Z	0	.25
45	MP3B	Mx	-.002	.25
46	MP3B	X	7.44	3.75
47	MP3B	Z	0	3.75
48	MP3B	Mx	-.002	3.75
49	MP3C	X	7.44	.25
50	MP3C	Z	0	.25
51	MP3C	Mx	.006	.25
52	MP3C	X	7.44	3.75
53	MP3C	Z	0	3.75
54	MP3C	Mx	.006	3.75
55	MP5A	X	1.857	1
56	MP5A	Z	0	1
57	MP5A	Mx	-.000928	1
58	MP5A	X	1.857	3
59	MP5A	Z	0	3
60	MP5A	Mx	-.000928	3
61	MP5B	X	4.021	1
62	MP5B	Z	0	1
63	MP5B	Mx	.001	1
64	MP5B	X	4.021	3
65	MP5B	Z	0	3
66	MP5B	Mx	.001	3
67	MP5C	X	4.021	1
68	MP5C	Z	0	1
69	MP5C	Mx	.001	1
70	MP5C	X	4.021	3
71	MP5C	Z	0	3
72	MP5C	Mx	.001	3
73	M106	X	5.063	1
74	M106	Z	0	1

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

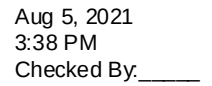
	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
75	M106	Mx	0	1
76	M108	X	5.063	1
77	M108	Z	0	1
78	M108	Mx	0	1
79	MP1A	X	1.011	2.5
80	MP1A	Z	0	2.5
81	MP1A	Mx	.000505	2.5
82	MP1B	X	1.766	2.5
83	MP1B	Z	0	2.5
84	MP1B	Mx	-.000442	2.5
85	MP1C	X	1.766	2.5
86	MP1C	Z	0	2.5
87	MP1C	Mx	-.000442	2.5
88	MP3A	X	2.523	2.5
89	MP3A	Z	0	2.5
90	MP3A	Mx	.001	2.5
91	MP3B	X	3.461	2.5
92	MP3B	Z	0	2.5
93	MP3B	Mx	-.000865	2.5
94	MP3C	X	3.461	2.5
95	MP3C	Z	0	2.5
96	MP3C	Mx	-.000865	2.5
97	MP2A	X	2.296	2.5
98	MP2A	Z	0	2.5
99	MP2A	Mx	.001	2.5
100	MP2B	X	3.404	2.5
101	MP2B	Z	0	2.5
102	MP2B	Mx	-.000851	2.5
103	MP2C	X	3.404	2.5
104	MP2C	Z	0	2.5
105	MP2C	Mx	-.000851	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	6.041	.25
2	MP1A	Z	3.488	.25
3	MP1A	Mx	-.003	.25
4	MP1A	X	6.041	3.75
5	MP1A	Z	3.488	3.75
6	MP1A	Mx	-.003	3.75
7	MP1B	X	8.066	.25
8	MP1B	Z	4.657	.25
9	MP1B	Mx	0	.25
10	MP1B	X	8.066	3.75
11	MP1B	Z	4.657	3.75
12	MP1B	Mx	0	3.75
13	MP1C	X	6.041	.25
14	MP1C	Z	3.488	.25
15	MP1C	Mx	.003	.25
16	MP1C	X	6.041	3.75
17	MP1C	Z	3.488	3.75

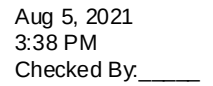


	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
18	MP1C	Mx	.003	3.75
19	MP3A	X	5.266	.25
20	MP3A	Z	3.04	.25
21	MP3A	Mx	-.004	.25
22	MP3A	X	5.266	3.75
23	MP3A	Z	3.04	3.75
24	MP3A	Mx	-.004	3.75
25	MP3B	X	7.061	.25
26	MP3B	Z	4.077	.25
27	MP3B	Mx	.005	.25
28	MP3B	X	7.061	3.75
29	MP3B	Z	4.077	3.75
30	MP3B	Mx	.005	3.75
31	MP3C	X	5.266	.25
32	MP3C	Z	3.04	.25
33	MP3C	Mx	.000859	.25
34	MP3C	X	5.266	3.75
35	MP3C	Z	3.04	3.75
36	MP3C	Mx	.000859	3.75
37	MP3A	X	5.26	.25
38	MP3A	Z	3.037	.25
39	MP3A	Mx	-.000858	.25
40	MP3A	X	5.26	3.75
41	MP3A	Z	3.037	3.75
42	MP3A	Mx	-.000858	3.75
43	MP3B	X	7.035	.25
44	MP3B	Z	4.061	.25
45	MP3B	Mx	-.005	.25
46	MP3B	X	7.035	3.75
47	MP3B	Z	4.061	3.75
48	MP3B	Mx	-.005	3.75
49	MP3C	X	5.26	.25
50	MP3C	Z	3.037	.25
51	MP3C	Mx	.004	.25
52	MP3C	X	5.26	3.75
53	MP3C	Z	3.037	3.75
54	MP3C	Mx	.004	3.75
55	MP5A	X	2.233	1
56	MP5A	Z	1.289	1
57	MP5A	Mx	-.001	1
58	MP5A	X	2.233	3
59	MP5A	Z	1.289	3
60	MP5A	Mx	-.001	3
61	MP5B	X	4.107	1
62	MP5B	Z	2.371	1
63	MP5B	Mx	0	1
64	MP5B	X	4.107	3
65	MP5B	Z	2.371	3
66	MP5B	Mx	0	3
67	MP5C	X	2.233	1
68	MP5C	Z	1.289	1
69	MP5C	Mx	.001	1



	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
70	MP5C	X	2.233	3
71	MP5C	Z	1.289	3
72	MP5C	Mx	.001	3
73	M106	X	4.944	1
74	M106	Z	2.855	1
75	M106	Mx	0	1
76	M108	X	4.944	1
77	M108	Z	2.855	1
78	M108	Mx	0	1
79	MP1A	X	1.094	2.5
80	MP1A	Z	.631	2.5
81	MP1A	Mx	.000547	2.5
82	MP1B	X	1.748	2.5
83	MP1B	Z	1.009	2.5
84	MP1B	Mx	0	2.5
85	MP1C	X	1.094	2.5
86	MP1C	Z	.631	2.5
87	MP1C	Mx	-.000547	2.5
88	MP3A	X	2.456	2.5
89	MP3A	Z	1.418	2.5
90	MP3A	Mx	.001	2.5
91	MP3B	X	3.268	2.5
92	MP3B	Z	1.887	2.5
93	MP3B	Mx	0	2.5
94	MP3C	X	2.456	2.5
95	MP3C	Z	1.418	2.5
96	MP3C	Mx	-.001	2.5
97	MP2A	X	2.308	2.5
98	MP2A	Z	1.333	2.5
99	MP2A	Mx	.001	2.5
100	MP2B	X	3.268	2.5
101	MP2B	Z	1.887	2.5
102	MP2B	Mx	0	2.5
103	MP2C	X	2.308	2.5
104	MP2C	Z	1.333	2.5
105	MP2C	Mx	-.001	2.5

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
1	MP1A	X	4.267	.25
2	MP1A	Z	7.391	.25
3	MP1A	Mx	-.002	.25
4	MP1A	X	4.267	3.75
5	MP1A	Z	7.391	3.75
6	MP1A	Mx	-.002	3.75
7	MP1B	X	4.267	.25
8	MP1B	Z	7.391	.25
9	MP1B	Mx	-.002	.25
10	MP1B	X	4.267	3.75
11	MP1B	Z	7.391	3.75
12	MP1B	Mx	-.002	3.75



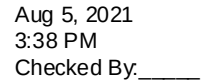
	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
13	MP1C	X	3.098	.25
14	MP1C	Z	5.366	.25
15	MP1C	Mx	.003	.25
16	MP1C	X	3.098	3.75
17	MP1C	Z	5.366	3.75
18	MP1C	Mx	.003	3.75
19	MP3A	X	3.731	.25
20	MP3A	Z	6.463	.25
21	MP3A	Mx	-.006	.25
22	MP3A	X	3.731	3.75
23	MP3A	Z	6.463	3.75
24	MP3A	Mx	-.006	3.75
25	MP3B	X	3.731	.25
26	MP3B	Z	6.463	.25
27	MP3B	Mx	.002	.25
28	MP3B	X	3.731	3.75
29	MP3B	Z	6.463	3.75
30	MP3B	Mx	.002	3.75
31	MP3C	X	2.695	.25
32	MP3C	Z	4.668	.25
33	MP3C	Mx	.003	.25
34	MP3C	X	2.695	3.75
35	MP3C	Z	4.668	3.75
36	MP3C	Mx	.003	3.75
37	MP3A	X	3.72	.25
38	MP3A	Z	6.443	.25
39	MP3A	Mx	.002	.25
40	MP3A	X	3.72	3.75
41	MP3A	Z	6.443	3.75
42	MP3A	Mx	.002	3.75
43	MP3B	X	3.72	.25
44	MP3B	Z	6.443	.25
45	MP3B	Mx	-.006	.25
46	MP3B	X	3.72	3.75
47	MP3B	Z	6.443	3.75
48	MP3B	Mx	-.006	3.75
49	MP3C	X	2.695	.25
50	MP3C	Z	4.668	.25
51	MP3C	Mx	.003	.25
52	MP3C	X	2.695	3.75
53	MP3C	Z	4.668	3.75
54	MP3C	Mx	.003	3.75
55	MP5A	X	2.011	1
56	MP5A	Z	3.482	1
57	MP5A	Mx	-.001	1
58	MP5A	X	2.011	3
59	MP5A	Z	3.482	3
60	MP5A	Mx	-.001	3
61	MP5B	X	2.011	1
62	MP5B	Z	3.482	1
63	MP5B	Mx	-.001	1
64	MP5B	X	2.011	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
65	MP5B	Z	3.482	3
66	MP5B	Mx	-.001	3
67	MP5C	X	.928	1
68	MP5C	Z	1.608	1
69	MP5C	Mx	.000928	1
70	MP5C	X	.928	3
71	MP5C	Z	1.608	3
72	MP5C	Mx	.000928	3
73	M106	X	3.501	1
74	M106	Z	6.064	1
75	M106	Mx	0	1
76	M108	X	3.501	1
77	M108	Z	6.064	1
78	M108	Mx	0	1
79	MP1A	X	.883	2.5
80	MP1A	Z	1.53	2.5
81	MP1A	Mx	.000442	2.5
82	MP1B	X	.883	2.5
83	MP1B	Z	1.53	2.5
84	MP1B	Mx	.000442	2.5
85	MP1C	X	.506	2.5
86	MP1C	Z	.876	2.5
87	MP1C	Mx	-.000506	2.5
88	MP3A	X	1.731	2.5
89	MP3A	Z	2.997	2.5
90	MP3A	Mx	.000866	2.5
91	MP3B	X	1.731	2.5
92	MP3B	Z	2.997	2.5
93	MP3B	Mx	.000865	2.5
94	MP3C	X	1.261	2.5
95	MP3C	Z	2.185	2.5
96	MP3C	Mx	-.001	2.5
97	MP2A	X	1.702	2.5
98	MP2A	Z	2.948	2.5
99	MP2A	Mx	.000851	2.5
100	MP2B	X	1.702	2.5
101	MP2B	Z	2.948	2.5
102	MP2B	Mx	.000851	2.5
103	MP2C	X	1.148	2.5
104	MP2C	Z	1.988	2.5
105	MP2C	Mx	-.001	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	0	.25
2	MP1A	Z	9.314	.25
3	MP1A	Mx	0	.25
4	MP1A	X	0	3.75
5	MP1A	Z	9.314	3.75
6	MP1A	Mx	0	3.75
7	MP1B	X	0	.25



	Member Label	Direction	Magnitude [lb,k-ft]	Location [ft, %]
8	MP1B	Z	6.975	.25
9	MP1B	Mx	-.003	.25
10	MP1B	X	0	3.75
11	MP1B	Z	6.975	3.75
12	MP1B	Mx	-.003	3.75
13	MP1C	X	0	.25
14	MP1C	Z	6.975	.25
15	MP1C	Mx	.003	.25
16	MP1C	X	0	3.75
17	MP1C	Z	6.975	3.75
18	MP1C	Mx	.003	3.75
19	MP3A	X	0	.25
20	MP3A	Z	8.153	.25
21	MP3A	Mx	-.005	.25
22	MP3A	X	0	3.75
23	MP3A	Z	8.153	3.75
24	MP3A	Mx	-.005	3.75
25	MP3B	X	0	.25
26	MP3B	Z	6.081	.25
27	MP3B	Mx	-.00086	.25
28	MP3B	X	0	3.75
29	MP3B	Z	6.081	3.75
30	MP3B	Mx	-.00086	3.75
31	MP3C	X	0	.25
32	MP3C	Z	6.081	.25
33	MP3C	Mx	.004	.25
34	MP3C	X	0	3.75
35	MP3C	Z	6.081	3.75
36	MP3C	Mx	.004	3.75
37	MP3A	X	0	.25
38	MP3A	Z	8.123	.25
39	MP3A	Mx	.005	.25
40	MP3A	X	0	3.75
41	MP3A	Z	8.123	3.75
42	MP3A	Mx	.005	3.75
43	MP3B	X	0	.25
44	MP3B	Z	6.073	.25
45	MP3B	Mx	-.004	.25
46	MP3B	X	0	3.75
47	MP3B	Z	6.073	3.75
48	MP3B	Mx	-.004	3.75
49	MP3C	X	0	.25
50	MP3C	Z	6.073	.25
51	MP3C	Mx	.000858	.25
52	MP3C	X	0	3.75
53	MP3C	Z	6.073	3.75
54	MP3C	Mx	.000858	3.75
55	MP5A	X	0	1
56	MP5A	Z	4.743	1
57	MP5A	Mx	0	1
58	MP5A	X	0	3
59	MP5A	Z	4.743	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
60	MP5A	Mx	0	3
61	MP5B	X	0	1
62	MP5B	Z	2.578	1
63	MP5B	Mx	-.001	1
64	MP5B	X	0	3
65	MP5B	Z	2.578	3
66	MP5B	Mx	-.001	3
67	MP5C	X	0	1
68	MP5C	Z	2.578	1
69	MP5C	Mx	.001	1
70	MP5C	X	0	3
71	MP5C	Z	2.578	3
72	MP5C	Mx	.001	3
73	M106	X	0	1
74	M106	Z	7.649	1
75	M106	Mx	0	1
76	M108	X	0	1
77	M108	Z	7.649	1
78	M108	Mx	0	1
79	MP1A	X	0	2.5
80	MP1A	Z	2.018	2.5
81	MP1A	Mx	0	2.5
82	MP1B	X	0	2.5
83	MP1B	Z	1.263	2.5
84	MP1B	Mx	.000547	2.5
85	MP1C	X	0	2.5
86	MP1C	Z	1.263	2.5
87	MP1C	Mx	-.000547	2.5
88	MP3A	X	0	2.5
89	MP3A	Z	3.774	2.5
90	MP3A	Mx	0	2.5
91	MP3B	X	0	2.5
92	MP3B	Z	2.835	2.5
93	MP3B	Mx	.001	2.5
94	MP3C	X	0	2.5
95	MP3C	Z	2.835	2.5
96	MP3C	Mx	-.001	2.5
97	MP2A	X	0	2.5
98	MP2A	Z	3.774	2.5
99	MP2A	Mx	0	2.5
100	MP2B	X	0	2.5
101	MP2B	Z	2.665	2.5
102	MP2B	Mx	.001	2.5
103	MP2C	X	0	2.5
104	MP2C	Z	2.665	2.5
105	MP2C	Mx	-.001	2.5

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

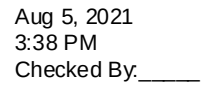
	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-4.267	.25
2	MP1A	Z	7.391	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
3	MP1A	Mx	.002	.25
4	MP1A	X	-4.267	3.75
5	MP1A	Z	7.391	3.75
6	MP1A	Mx	.002	3.75
7	MP1B	X	-3.098	.25
8	MP1B	Z	5.366	.25
9	MP1B	Mx	-.003	.25
10	MP1B	X	-3.098	3.75
11	MP1B	Z	5.366	3.75
12	MP1B	Mx	-.003	3.75
13	MP1C	X	-4.267	.25
14	MP1C	Z	7.391	.25
15	MP1C	Mx	.002	.25
16	MP1C	X	-4.267	3.75
17	MP1C	Z	7.391	3.75
18	MP1C	Mx	.002	3.75
19	MP3A	X	-3.731	.25
20	MP3A	Z	6.463	.25
21	MP3A	Mx	-.002	.25
22	MP3A	X	-3.731	3.75
23	MP3A	Z	6.463	3.75
24	MP3A	Mx	-.002	3.75
25	MP3B	X	-2.695	.25
26	MP3B	Z	4.668	.25
27	MP3B	Mx	-.003	.25
28	MP3B	X	-2.695	3.75
29	MP3B	Z	4.668	3.75
30	MP3B	Mx	-.003	3.75
31	MP3C	X	-3.731	.25
32	MP3C	Z	6.463	.25
33	MP3C	Mx	.006	.25
34	MP3C	X	-3.731	3.75
35	MP3C	Z	6.463	3.75
36	MP3C	Mx	.006	3.75
37	MP3A	X	-3.72	.25
38	MP3A	Z	6.443	.25
39	MP3A	Mx	.006	.25
40	MP3A	X	-3.72	3.75
41	MP3A	Z	6.443	3.75
42	MP3A	Mx	.006	3.75
43	MP3B	X	-2.695	.25
44	MP3B	Z	4.668	.25
45	MP3B	Mx	-.003	.25
46	MP3B	X	-2.695	3.75
47	MP3B	Z	4.668	3.75
48	MP3B	Mx	-.003	3.75
49	MP3C	X	-3.72	.25
50	MP3C	Z	6.443	.25
51	MP3C	Mx	-.002	.25
52	MP3C	X	-3.72	3.75
53	MP3C	Z	6.443	3.75
54	MP3C	Mx	-.002	3.75

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

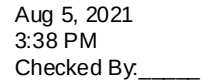
	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
55	MP5A	X	-2.011	1
56	MP5A	Z	3.482	1
57	MP5A	Mx	.001	1
58	MP5A	X	-2.011	3
59	MP5A	Z	3.482	3
60	MP5A	Mx	.001	3
61	MP5B	X	-.928	1
62	MP5B	Z	1.608	1
63	MP5B	Mx	-.000928	1
64	MP5B	X	-.928	3
65	MP5B	Z	1.608	3
66	MP5B	Mx	-.000928	3
67	MP5C	X	-2.011	1
68	MP5C	Z	3.482	1
69	MP5C	Mx	.001	1
70	MP5C	X	-2.011	3
71	MP5C	Z	3.482	3
72	MP5C	Mx	.001	3
73	M106	X	-3.501	1
74	M106	Z	6.064	1
75	M106	Mx	0	1
76	M108	X	-3.501	1
77	M108	Z	6.064	1
78	M108	Mx	0	1
79	MP1A	X	-.883	2.5
80	MP1A	Z	1.53	2.5
81	MP1A	Mx	-.000442	2.5
82	MP1B	X	-.506	2.5
83	MP1B	Z	.876	2.5
84	MP1B	Mx	.000506	2.5
85	MP1C	X	-.883	2.5
86	MP1C	Z	1.53	2.5
87	MP1C	Mx	-.000442	2.5
88	MP3A	X	-1.731	2.5
89	MP3A	Z	2.997	2.5
90	MP3A	Mx	-.000866	2.5
91	MP3B	X	-1.261	2.5
92	MP3B	Z	2.185	2.5
93	MP3B	Mx	.001	2.5
94	MP3C	X	-1.731	2.5
95	MP3C	Z	2.997	2.5
96	MP3C	Mx	-.000865	2.5
97	MP2A	X	-1.702	2.5
98	MP2A	Z	2.948	2.5
99	MP2A	Mx	-.000851	2.5
100	MP2B	X	-1.148	2.5
101	MP2B	Z	1.988	2.5
102	MP2B	Mx	.001	2.5
103	MP2C	X	-1.702	2.5
104	MP2C	Z	2.948	2.5
105	MP2C	Mx	-.000851	2.5



	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
1	MP1A	X	-6.041	.25
2	MP1A	Z	3.488	.25
3	MP1A	Mx	.003	.25
4	MP1A	X	-6.041	3.75
5	MP1A	Z	3.488	3.75
6	MP1A	Mx	.003	3.75
7	MP1B	X	-6.041	.25
8	MP1B	Z	3.488	.25
9	MP1B	Mx	-.003	.25
10	MP1B	X	-6.041	3.75
11	MP1B	Z	3.488	3.75
12	MP1B	Mx	-.003	3.75
13	MP1C	X	-8.066	.25
14	MP1C	Z	4.657	.25
15	MP1C	Mx	0	.25
16	MP1C	X	-8.066	3.75
17	MP1C	Z	4.657	3.75
18	MP1C	Mx	0	3.75
19	MP3A	X	-5.266	.25
20	MP3A	Z	3.04	.25
21	MP3A	Mx	.00086	.25
22	MP3A	X	-5.266	3.75
23	MP3A	Z	3.04	3.75
24	MP3A	Mx	.00086	3.75
25	MP3B	X	-5.266	.25
26	MP3B	Z	3.04	.25
27	MP3B	Mx	-.004	.25
28	MP3B	X	-5.266	3.75
29	MP3B	Z	3.04	3.75
30	MP3B	Mx	-.004	3.75
31	MP3C	X	-7.061	.25
32	MP3C	Z	4.077	.25
33	MP3C	Mx	.005	.25
34	MP3C	X	-7.061	3.75
35	MP3C	Z	4.077	3.75
36	MP3C	Mx	.005	3.75
37	MP3A	X	-5.26	.25
38	MP3A	Z	3.037	.25
39	MP3A	Mx	.004	.25
40	MP3A	X	-5.26	3.75
41	MP3A	Z	3.037	3.75
42	MP3A	Mx	.004	3.75
43	MP3B	X	-5.26	.25
44	MP3B	Z	3.037	.25
45	MP3B	Mx	-.000859	.25
46	MP3B	X	-5.26	3.75
47	MP3B	Z	3.037	3.75
48	MP3B	Mx	-.000859	3.75
49	MP3C	X	-7.035	.25
50	MP3C	Z	4.061	.25
51	MP3C	Mx	-.005	.25
52	MP3C	X	-7.035	3.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
53	MP3C	Z	4.061	3.75
54	MP3C	Mx	-.005	3.75
55	MP5A	X	-2.233	1
56	MP5A	Z	1.289	1
57	MP5A	Mx	.001	1
58	MP5A	X	-2.233	3
59	MP5A	Z	1.289	3
60	MP5A	Mx	.001	3
61	MP5B	X	-2.233	1
62	MP5B	Z	1.289	1
63	MP5B	Mx	-.001	1
64	MP5B	X	-2.233	3
65	MP5B	Z	1.289	3
66	MP5B	Mx	-.001	3
67	MP5C	X	-4.107	1
68	MP5C	Z	2.371	1
69	MP5C	Mx	0	1
70	MP5C	X	-4.107	3
71	MP5C	Z	2.371	3
72	MP5C	Mx	0	3
73	M106	X	-4.944	1
74	M106	Z	2.855	1
75	M106	Mx	0	1
76	M108	X	-4.944	1
77	M108	Z	2.855	1
78	M108	Mx	0	1
79	MP1A	X	-1.094	2.5
80	MP1A	Z	.631	2.5
81	MP1A	Mx	-.000547	2.5
82	MP1B	X	-1.094	2.5
83	MP1B	Z	.631	2.5
84	MP1B	Mx	.000547	2.5
85	MP1C	X	-1.748	2.5
86	MP1C	Z	1.009	2.5
87	MP1C	Mx	0	2.5
88	MP3A	X	-2.456	2.5
89	MP3A	Z	1.418	2.5
90	MP3A	Mx	-.001	2.5
91	MP3B	X	-2.456	2.5
92	MP3B	Z	1.418	2.5
93	MP3B	Mx	.001	2.5
94	MP3C	X	-3.268	2.5
95	MP3C	Z	1.887	2.5
96	MP3C	Mx	0	2.5
97	MP2A	X	-2.308	2.5
98	MP2A	Z	1.333	2.5
99	MP2A	Mx	-.001	2.5
100	MP2B	X	-2.308	2.5
101	MP2B	Z	1.333	2.5
102	MP2B	Mx	.001	2.5
103	MP2C	X	-3.268	2.5
104	MP2C	Z	1.887	2.5

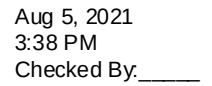


	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
105	MP2C	Mx	0	2.5

	Member Label	Direction	Magnitude [lb, k-ft]	Location [ft, %]
1	MP1A	X	-6.196	.25
2	MP1A	Z	0	.25
3	MP1A	Mx	.003	.25
4	MP1A	X	-6.196	3.75
5	MP1A	Z	0	3.75
6	MP1A	Mx	.003	3.75
7	MP1B	X	-8.534	.25
8	MP1B	Z	0	.25
9	MP1B	Mx	-.002	.25
10	MP1B	X	-8.534	3.75
11	MP1B	Z	0	3.75
12	MP1B	Mx	-.002	3.75
13	MP1C	X	-8.534	.25
14	MP1C	Z	0	.25
15	MP1C	Mx	-.002	.25
16	MP1C	X	-8.534	3.75
17	MP1C	Z	0	3.75
18	MP1C	Mx	-.002	3.75
19	MP3A	X	-5.39	.25
20	MP3A	Z	0	.25
21	MP3A	Mx	.003	.25
22	MP3A	X	-5.39	3.75
23	MP3A	Z	0	3.75
24	MP3A	Mx	.003	3.75
25	MP3B	X	-7.462	.25
26	MP3B	Z	0	.25
27	MP3B	Mx	-.006	.25
28	MP3B	X	-7.462	3.75
29	MP3B	Z	0	3.75
30	MP3B	Mx	-.006	3.75
31	MP3C	X	-7.462	.25
32	MP3C	Z	0	.25
33	MP3C	Mx	.002	.25
34	MP3C	X	-7.462	3.75
35	MP3C	Z	0	3.75
36	MP3C	Mx	.002	3.75
37	MP3A	X	-5.39	.25
38	MP3A	Z	0	.25
39	MP3A	Mx	.003	.25
40	MP3A	X	-5.39	3.75
41	MP3A	Z	0	3.75
42	MP3A	Mx	.003	3.75
43	MP3B	X	-7.44	.25
44	MP3B	Z	0	.25
45	MP3B	Mx	.002	.25
46	MP3B	X	-7.44	3.75
47	MP3B	Z	0	3.75

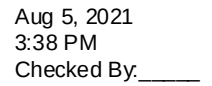
Member Point Loads (BLC 36 : Antenna Wm (270 Deg)) (Continued)

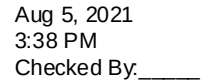
	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
48	MP3B	Mx	.002	3.75
49	MP3C	X	-7.44	.25
50	MP3C	Z	0	.25
51	MP3C	Mx	-.006	.25
52	MP3C	X	-7.44	3.75
53	MP3C	Z	0	3.75
54	MP3C	Mx	-.006	3.75
55	MP5A	X	-1.857	1
56	MP5A	Z	0	1
57	MP5A	Mx	.000928	1
58	MP5A	X	-1.857	3
59	MP5A	Z	0	3
60	MP5A	Mx	.000928	3
61	MP5B	X	-4.021	1
62	MP5B	Z	0	1
63	MP5B	Mx	-.001	1
64	MP5B	X	-4.021	3
65	MP5B	Z	0	3
66	MP5B	Mx	-.001	3
67	MP5C	X	-4.021	1
68	MP5C	Z	0	1
69	MP5C	Mx	-.001	1
70	MP5C	X	-4.021	3
71	MP5C	Z	0	3
72	MP5C	Mx	-.001	3
73	M106	X	-5.063	1
74	M106	Z	0	1
75	M106	Mx	0	1
76	M108	X	-5.063	1
77	M108	Z	0	1
78	M108	Mx	0	1
79	MP1A	X	-1.011	2.5
80	MP1A	Z	0	2.5
81	MP1A	Mx	-.000505	2.5
82	MP1B	X	-1.766	2.5
83	MP1B	Z	0	2.5
84	MP1B	Mx	.000442	2.5
85	MP1C	X	-1.766	2.5
86	MP1C	Z	0	2.5
87	MP1C	Mx	.000442	2.5
88	MP3A	X	-2.523	2.5
89	MP3A	Z	0	2.5
90	MP3A	Mx	-.001	2.5
91	MP3B	X	-3.461	2.5
92	MP3B	Z	0	2.5
93	MP3B	Mx	.000865	2.5
94	MP3C	X	-3.461	2.5
95	MP3C	Z	0	2.5
96	MP3C	Mx	.000865	2.5
97	MP2A	X	-2.296	2.5
98	MP2A	Z	0	2.5
99	MP2A	Mx	-.001	2.5



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
43	MP3B	X	-7.035	.25
44	MP3B	Z	-4.061	.25
45	MP3B	Mx	.005	.25
46	MP3B	X	-7.035	3.75
47	MP3B	Z	-4.061	3.75
48	MP3B	Mx	.005	3.75
49	MP3C	X	-5.26	.25
50	MP3C	Z	-3.037	.25
51	MP3C	Mx	-.004	.25
52	MP3C	X	-5.26	3.75
53	MP3C	Z	-3.037	3.75
54	MP3C	Mx	-.004	3.75
55	MP5A	X	-2.233	1
56	MP5A	Z	-1.289	1
57	MP5A	Mx	.001	1
58	MP5A	X	-2.233	3
59	MP5A	Z	-1.289	3
60	MP5A	Mx	.001	3
61	MP5B	X	-4.107	1
62	MP5B	Z	-2.371	1
63	MP5B	Mx	0	1
64	MP5B	X	-4.107	3
65	MP5B	Z	-2.371	3
66	MP5B	Mx	0	3
67	MP5C	X	-2.233	1
68	MP5C	Z	-1.289	1
69	MP5C	Mx	-.001	1
70	MP5C	X	-2.233	3
71	MP5C	Z	-1.289	3
72	MP5C	Mx	-.001	3
73	M106	X	-4.944	1
74	M106	Z	-2.855	1
75	M106	Mx	0	1
76	M108	X	-4.944	1
77	M108	Z	-2.855	1
78	M108	Mx	0	1
79	MP1A	X	-1.094	2.5
80	MP1A	Z	-.631	2.5
81	MP1A	Mx	-.000547	2.5
82	MP1B	X	-1.748	2.5
83	MP1B	Z	-1.009	2.5
84	MP1B	Mx	0	2.5
85	MP1C	X	-1.094	2.5
86	MP1C	Z	-.631	2.5
87	MP1C	Mx	.000547	2.5
88	MP3A	X	-2.456	2.5
89	MP3A	Z	-1.418	2.5
90	MP3A	Mx	-.001	2.5
91	MP3B	X	-3.268	2.5
92	MP3B	Z	-1.887	2.5
93	MP3B	Mx	0	2.5
94	MP3C	X	-2.456	2.5





	Member Label	Direction	Magnitude [lb, k-ft]	Location [ft, %]
38	MP3A	Z	-6.443	.25
39	MP3A	Mx	-.002	.25
40	MP3A	X	-3.72	3.75
41	MP3A	Z	-6.443	3.75
42	MP3A	Mx	-.002	3.75
43	MP3B	X	-3.72	.25
44	MP3B	Z	-6.443	.25
45	MP3B	Mx	.006	.25
46	MP3B	X	-3.72	3.75
47	MP3B	Z	-6.443	3.75
48	MP3B	Mx	.006	3.75
49	MP3C	X	-2.695	.25
50	MP3C	Z	-4.668	.25
51	MP3C	Mx	-.003	.25
52	MP3C	X	-2.695	3.75
53	MP3C	Z	-4.668	3.75
54	MP3C	Mx	-.003	3.75
55	MP5A	X	-2.011	1
56	MP5A	Z	-3.482	1
57	MP5A	Mx	.001	1
58	MP5A	X	-2.011	3
59	MP5A	Z	-3.482	3
60	MP5A	Mx	.001	3
61	MP5B	X	-2.011	1
62	MP5B	Z	-3.482	1
63	MP5B	Mx	.001	1
64	MP5B	X	-2.011	3
65	MP5B	Z	-3.482	3
66	MP5B	Mx	.001	3
67	MP5C	X	-.928	1
68	MP5C	Z	-1.608	1
69	MP5C	Mx	-.000928	1
70	MP5C	X	-.928	3
71	MP5C	Z	-1.608	3
72	MP5C	Mx	-.000928	3
73	M106	X	-3.501	1
74	M106	Z	-6.064	1
75	M106	Mx	0	1
76	M108	X	-3.501	1
77	M108	Z	-6.064	1
78	M108	Mx	0	1
79	MP1A	X	-.883	2.5
80	MP1A	Z	-1.53	2.5
81	MP1A	Mx	-.000442	2.5
82	MP1B	X	-.883	2.5
83	MP1B	Z	-1.53	2.5
84	MP1B	Mx	-.000442	2.5
85	MP1C	X	-.506	2.5
86	MP1C	Z	-.876	2.5
87	MP1C	Mx	.000506	2.5
88	MP3A	X	-1.731	2.5
89	MP3A	Z	-2.997	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
90	MP3A	Mx	-.000866	2.5
91	MP3B	X	-1.731	2.5
92	MP3B	Z	-2.997	2.5
93	MP3B	Mx	-.000865	2.5
94	MP3C	X	-1.261	2.5
95	MP3C	Z	-2.185	2.5
96	MP3C	Mx	.001	2.5
97	MP2A	X	-1.702	2.5
98	MP2A	Z	-2.948	2.5
99	MP2A	Mx	-.000851	2.5
100	MP2B	X	-1.702	2.5
101	MP2B	Z	-2.948	2.5
102	MP2B	Mx	-.000851	2.5
103	MP2C	X	-1.148	2.5
104	MP2C	Z	-1.988	2.5
105	MP2C	Mx	.001	2.5

Member Point Loads (BLC 77 : Lm1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M80A	Y	-500	0

Member Point Loads (BLC 78 : Lm2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M84A	Y	-500	0

Member Point Loads (BLC 79 : Lv1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M1	Y	-250	0

Member Point Loads (BLC 80 : Lv2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M1	Y	-250	%50

Member Distributed Loads (BLC 40 : Structure Di)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	Y	-10.91	-10.91	0	%100
2	M4	Y	-15.424	-15.424	0	%100
3	M10	Y	-15.424	-15.424	0	%100
4	MP1A	Y	-8.555	-8.555	0	%100
5	M43	Y	-15.424	-15.424	0	%100
6	M46	Y	-16.185	-16.185	0	%100
7	M51B	Y	-10.984	-10.984	0	%100
8	M52B	Y	-10.984	-10.984	0	%100
9	M76	Y	-16.166	-16.166	0	%100
10	M77	Y	-16.166	-16.166	0	%100
11	M80	Y	-16.185	-16.185	0	%100
12	M84	Y	-16.166	-16.166	0	%100
13	M85	Y	-16.166	-16.166	0	%100

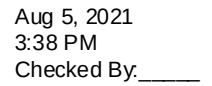
Member Distributed Loads (BLC 40 : Structure Di) (Continued)

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

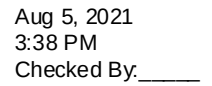
Member Label	Direction	Start Magnitude[lb/ft	End Magnitude[lb/ft	Start Location[ft %]	End Location[ft %]
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Member Distributed Loads (BLC 41 : Structure Wo (0 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	-11.114	-11.114	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	-9.552	-9.552	0	%100
7	MP1A	X	0	0	0	%100
8	MP1A	Z	-7.541	-7.541	0	%100
9	M43	X	0	0	0	%100
10	M43	Z	-9.552	-9.552	0	%100
11	M46	X	0	0	0	%100
12	M46	Z	-19.052	-19.052	0	%100
13	M51B	X	0	0	0	%100
14	M51B	Z	-3.037	-3.037	0	%100
15	M52B	X	0	0	0	%100
16	M52B	Z	-3.037	-3.037	0	%100
17	M76	X	0	0	0	%100
18	M76	Z	0	0	0	%100
19	M77	X	0	0	0	%100
20	M77	Z	-4.851	-4.851	0	%100
21	M80	X	0	0	0	%100
22	M80	Z	-5.11	-5.11	0	%100
23	M84	X	0	0	0	%100
24	M84	Z	0	0	0	%100
25	M85	X	0	0	0	%100
26	M85	Z	-4.851	-4.851	0	%100
27	M91	X	0	0	0	%100
28	M91	Z	-5.11	-5.11	0	%100
29	M28B	X	0	0	0	%100
30	M28B	Z	-2.778	-2.778	0	%100
31	M29	X	0	0	0	%100
32	M29	Z	-2.778	-2.778	0	%100
33	M30	X	0	0	0	%100
34	M30	Z	-8.457	-8.457	0	%100
35	M31	X	0	0	0	%100
36	M31	Z	-2.388	-2.388	0	%100
37	M32	X	0	0	0	%100
38	M32	Z	-2.388	-2.388	0	%100
39	M33	X	0	0	0	%100
40	M33	Z	-4.763	-4.763	0	%100
41	M34	X	0	0	0	%100
42	M34	Z	-3.037	-3.037	0	%100
43	M35	X	0	0	0	%100
44	M35	Z	-12.148	-12.148	0	%100
45	M38	X	0	0	0	%100
46	M38	Z	-14.289	-14.289	0	%100
47	M39	X	0	0	0	%100
48	M39	Z	-4.851	-4.851	0	%100
49	M41	X	0	0	0	%100
50	M41	Z	-5.11	-5.11	0	%100
51	M43A	X	0	0	0	%100
52	M43A	Z	-14.289	-14.289	0	%100



	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
53	M44	X	0	0	0	%100
54	M44	Z	-19.405	-19.405	0	%100
55	M46A	X	0	0	0	%100
56	M46A	Z	-20.439	-20.439	0	%100
57	M54	X	0	0	0	%100
58	M54	Z	-8.457	-8.457	0	%100
59	M55	X	0	0	0	%100
60	M55	Z	-2.388	-2.388	0	%100
61	M56	X	0	0	0	%100
62	M56	Z	-2.388	-2.388	0	%100
63	M57	X	0	0	0	%100
64	M57	Z	-4.763	-4.763	0	%100
65	M58A	X	0	0	0	%100
66	M58A	Z	-12.148	-12.148	0	%100
67	M59A	X	0	0	0	%100
68	M59A	Z	-3.037	-3.037	0	%100
69	M62	X	0	0	0	%100
70	M62	Z	-14.289	-14.289	0	%100
71	M63	X	0	0	0	%100
72	M63	Z	-19.405	-19.405	0	%100
73	M65	X	0	0	0	%100
74	M65	Z	-20.439	-20.439	0	%100
75	M67	X	0	0	0	%100
76	M67	Z	-14.289	-14.289	0	%100
77	M68	X	0	0	0	%100
78	M68	Z	-4.851	-4.851	0	%100
79	M70	X	0	0	0	%100
80	M70	Z	-5.11	-5.11	0	%100
81	MP2A	X	0	0	0	%100
82	MP2A	Z	-7.541	-7.541	0	%100
83	MP3A	X	0	0	0	%100
84	MP3A	Z	-9.129	-9.129	0	%100
85	MP4A	X	0	0	0	%100
86	MP4A	Z	-7.541	-7.541	0	%100
87	MP5A	X	0	0	0	%100
88	MP5A	Z	-7.541	-7.541	0	%100
89	MP1C	X	0	0	0	%100
90	MP1C	Z	-7.541	-7.541	0	%100
91	MP2C	X	0	0	0	%100
92	MP2C	Z	-7.541	-7.541	0	%100
93	MP3C	X	0	0	0	%100
94	MP3C	Z	-9.129	-9.129	0	%100
95	MP4C	X	0	0	0	%100
96	MP4C	Z	-7.541	-7.541	0	%100
97	MP5C	X	0	0	0	%100
98	MP5C	Z	-7.541	-7.541	0	%100
99	MP1B	X	0	0	0	%100
100	MP1B	Z	-7.541	-7.541	0	%100
101	MP2B	X	0	0	0	%100
102	MP2B	Z	-7.541	-7.541	0	%100
103	MP3B	X	0	0	0	%100
104	MP3B	Z	-9.129	-9.129	0	%100



	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
105	MP4B	X	0	0	0	%100
106	MP4B	Z	-7.541	-7.541	0	%100
107	MP5B	X	0	0	0	%100
108	MP5B	Z	-7.541	-7.541	0	%100
109	M106	X	0	0	0	%100
110	M106	Z	-6.167	-6.167	0	%100
111	M108	X	0	0	0	%100
112	M108	Z	-6.167	-6.167	0	%100
113	M110	X	0	0	0	%100
114	M110	Z	-9.129	-9.129	0	%100
115	M116	X	0	0	0	%100
116	M116	Z	-2.282	-2.282	0	%100
117	M122	X	0	0	0	%100
118	M122	Z	-2.282	-2.282	0	%100
119	M134	X	0	0	0	%100
120	M134	Z	-11.976	-11.976	0	%100
121	M135	X	0	0	0	%100
122	M135	Z	-2.994	-2.994	0	%100
123	M136	X	0	0	0	%100
124	M136	Z	-2.994	-2.994	0	%100

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	4.168	4.168	0	%100
2	M1	Z	-7.219	-7.219	0	%100
3	M4	X	1.409	1.409	0	%100
4	M4	Z	-2.441	-2.441	0	%100
5	M10	X	3.582	3.582	0	%100
6	M10	Z	-6.204	-6.204	0	%100
7	MP1A	X	3.771	3.771	0	%100
8	MP1A	Z	-6.531	-6.531	0	%100
9	M43	X	3.582	3.582	0	%100
10	M43	Z	-6.204	-6.204	0	%100
11	M46	X	7.145	7.145	0	%100
12	M46	Z	-12.375	-12.375	0	%100
13	M51B	X	4.556	4.556	0	%100
14	M51B	Z	-7.891	-7.891	0	%100
15	M52B	X	0	0	0	%100
16	M52B	Z	0	0	0	%100
17	M76	X	2.382	2.382	0	%100
18	M76	Z	-4.125	-4.125	0	%100
19	M77	X	7.277	7.277	0	%100
20	M77	Z	-12.604	-12.604	0	%100
21	M80	X	7.665	7.665	0	%100
22	M80	Z	-13.275	-13.275	0	%100
23	M84	X	2.382	2.382	0	%100
24	M84	Z	-4.125	-4.125	0	%100
25	M85	X	0	0	0	%100
26	M85	Z	0	0	0	%100
27	M91	X	0	0	0	%100
28	M91	Z	0	0	0	%100

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

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

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

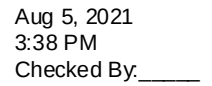
	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	2.406	2.406	0	%100
2	M1	Z	-1.389	-1.389	0	%100
3	M4	X	7.324	7.324	0	%100
4	M4	Z	-4.228	-4.228	0	%100

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,%]
5	M10	X	2.068	2.068	0	%100
6	M10	Z	-1.194	-1.194	0	%100
7	MP1A	X	6.531	6.531	0	%100
8	MP1A	Z	-3.771	-3.771	0	%100
9	M43	X	2.068	2.068	0	%100
10	M43	Z	-1.194	-1.194	0	%100
11	M46	X	4.125	4.125	0	%100
12	M46	Z	-2.382	-2.382	0	%100
13	M51B	X	10.521	10.521	0	%100
14	M51B	Z	-6.074	-6.074	0	%100
15	M52B	X	2.63	2.63	0	%100
16	M52B	Z	-1.519	-1.519	0	%100
17	M76	X	12.375	12.375	0	%100
18	M76	Z	-7.145	-7.145	0	%100
19	M77	X	16.805	16.805	0	%100
20	M77	Z	-9.702	-9.702	0	%100
21	M80	X	17.701	17.701	0	%100
22	M80	Z	-10.219	-10.219	0	%100
23	M84	X	12.375	12.375	0	%100
24	M84	Z	-7.145	-7.145	0	%100
25	M85	X	4.201	4.201	0	%100
26	M85	Z	-2.426	-2.426	0	%100
27	M91	X	4.425	4.425	0	%100
28	M91	Z	-2.555	-2.555	0	%100
29	M28B	X	9.625	9.625	0	%100
30	M28B	Z	-5.557	-5.557	0	%100
31	M29	X	2.406	2.406	0	%100
32	M29	Z	-1.389	-1.389	0	%100
33	M30	X	0	0	0	%100
34	M30	Z	0	0	0	%100
35	M31	X	8.272	8.272	0	%100
36	M31	Z	-4.776	-4.776	0	%100
37	M32	X	8.272	8.272	0	%100
38	M32	Z	-4.776	-4.776	0	%100
39	M33	X	16.5	16.5	0	%100
40	M33	Z	-9.526	-9.526	0	%100
41	M34	X	2.63	2.63	0	%100
42	M34	Z	-1.519	-1.519	0	%100
43	M35	X	2.63	2.63	0	%100
44	M35	Z	-1.519	-1.519	0	%100
45	M38	X	0	0	0	%100
46	M38	Z	0	0	0	%100
47	M39	X	4.201	4.201	0	%100
48	M39	Z	-2.426	-2.426	0	%100
49	M41	X	4.425	4.425	0	%100
50	M41	Z	-2.555	-2.555	0	%100
51	M43A	X	0	0	0	%100
52	M43A	Z	0	0	0	%100
53	M44	X	4.201	4.201	0	%100
54	M44	Z	-2.426	-2.426	0	%100
55	M46A	X	4.425	4.425	0	%100
56	M46A	Z	-2.555	-2.555	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,%]
57	M54	X	7.324	7.324	0	%100
58	M54	Z	-4.228	-4.228	0	%100
59	M55	X	2.068	2.068	0	%100
60	M55	Z	-1.194	-1.194	0	%100
61	M56	X	2.068	2.068	0	%100
62	M56	Z	-1.194	-1.194	0	%100
63	M57	X	4.125	4.125	0	%100
64	M57	Z	-2.382	-2.382	0	%100
65	M58A	X	2.63	2.63	0	%100
66	M58A	Z	-1.519	-1.519	0	%100
67	M59A	X	10.521	10.521	0	%100
68	M59A	Z	-6.074	-6.074	0	%100
69	M62	X	12.375	12.375	0	%100
70	M62	Z	-7.145	-7.145	0	%100
71	M63	X	4.201	4.201	0	%100
72	M63	Z	-2.426	-2.426	0	%100
73	M65	X	4.425	4.425	0	%100
74	M65	Z	-2.555	-2.555	0	%100
75	M67	X	12.375	12.375	0	%100
76	M67	Z	-7.145	-7.145	0	%100
77	M68	X	16.805	16.805	0	%100
78	M68	Z	-9.702	-9.702	0	%100
79	M70	X	17.701	17.701	0	%100
80	M70	Z	-10.219	-10.219	0	%100
81	MP2A	X	6.531	6.531	0	%100
82	MP2A	Z	-3.771	-3.771	0	%100
83	MP3A	X	7.906	7.906	0	%100
84	MP3A	Z	-4.565	-4.565	0	%100
85	MP4A	X	6.531	6.531	0	%100
86	MP4A	Z	-3.771	-3.771	0	%100
87	MP5A	X	6.531	6.531	0	%100
88	MP5A	Z	-3.771	-3.771	0	%100
89	MP1C	X	6.531	6.531	0	%100
90	MP1C	Z	-3.771	-3.771	0	%100
91	MP2C	X	6.531	6.531	0	%100
92	MP2C	Z	-3.771	-3.771	0	%100
93	MP3C	X	7.906	7.906	0	%100
94	MP3C	Z	-4.565	-4.565	0	%100
95	MP4C	X	6.531	6.531	0	%100
96	MP4C	Z	-3.771	-3.771	0	%100
97	MP5C	X	6.531	6.531	0	%100
98	MP5C	Z	-3.771	-3.771	0	%100
99	MP1B	X	6.531	6.531	0	%100
100	MP1B	Z	-3.771	-3.771	0	%100
101	MP2B	X	6.531	6.531	0	%100
102	MP2B	Z	-3.771	-3.771	0	%100
103	MP3B	X	7.906	7.906	0	%100
104	MP3B	Z	-4.565	-4.565	0	%100
105	MP4B	X	6.531	6.531	0	%100
106	MP4B	Z	-3.771	-3.771	0	%100
107	MP5B	X	6.531	6.531	0	%100
108	MP5B	Z	-3.771	-3.771	0	%100

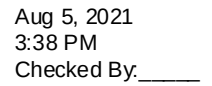


	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
109	M106	X	5.341	5.341	0	%100
110	M106	Z	-3.083	-3.083	0	%100
111	M108	X	5.341	5.341	0	%100
112	M108	Z	-3.083	-3.083	0	%100
113	M110	X	1.977	1.977	0	%100
114	M110	Z	-1.141	-1.141	0	%100
115	M116	X	7.906	7.906	0	%100
116	M116	Z	-4.565	-4.565	0	%100
117	M122	X	1.977	1.977	0	%100
118	M122	Z	-1.141	-1.141	0	%100
119	M134	X	2.593	2.593	0	%100
120	M134	Z	-1.497	-1.497	0	%100
121	M135	X	10.371	10.371	0	%100
122	M135	Z	-5.988	-5.988	0	%100
123	M136	X	2.593	2.593	0	%100
124	M136	Z	-1.497	-1.497	0	%100

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	11.275	11.275	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	MP1A	X	7.541	7.541	0	%100
8	MP1A	Z	0	0	0	%100
9	M43	X	0	0	0	%100
10	M43	Z	0	0	0	%100
11	M46	X	0	0	0	%100
12	M46	Z	0	0	0	%100
13	M51B	X	9.111	9.111	0	%100
14	M51B	Z	0	0	0	%100
15	M52B	X	9.111	9.111	0	%100
16	M52B	Z	0	0	0	%100
17	M76	X	19.052	19.052	0	%100
18	M76	Z	0	0	0	%100
19	M77	X	14.554	14.554	0	%100
20	M77	Z	0	0	0	%100
21	M80	X	15.329	15.329	0	%100
22	M80	Z	0	0	0	%100
23	M84	X	19.052	19.052	0	%100
24	M84	Z	0	0	0	%100
25	M85	X	14.554	14.554	0	%100
26	M85	Z	0	0	0	%100
27	M91	X	15.329	15.329	0	%100
28	M91	Z	0	0	0	%100
29	M28B	X	8.335	8.335	0	%100
30	M28B	Z	0	0	0	%100
31	M29	X	8.335	8.335	0	%100
32	M29	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,%]
33	M30	X	2.819	2.819	0	%100
34	M30	Z	0	0	0	%100
35	M31	X	7.164	7.164	0	%100
36	M31	Z	0	0	0	%100
37	M32	X	7.164	7.164	0	%100
38	M32	Z	0	0	0	%100
39	M33	X	14.289	14.289	0	%100
40	M33	Z	0	0	0	%100
41	M34	X	9.111	9.111	0	%100
42	M34	Z	0	0	0	%100
43	M35	X	0	0	0	%100
44	M35	Z	0	0	0	%100
45	M38	X	4.763	4.763	0	%100
46	M38	Z	0	0	0	%100
47	M39	X	14.554	14.554	0	%100
48	M39	Z	0	0	0	%100
49	M41	X	15.329	15.329	0	%100
50	M41	Z	0	0	0	%100
51	M43A	X	4.763	4.763	0	%100
52	M43A	Z	0	0	0	%100
53	M44	X	0	0	0	%100
54	M44	Z	0	0	0	%100
55	M46A	X	0	0	0	%100
56	M46A	Z	0	0	0	%100
57	M54	X	2.819	2.819	0	%100
58	M54	Z	0	0	0	%100
59	M55	X	7.164	7.164	0	%100
60	M55	Z	0	0	0	%100
61	M56	X	7.164	7.164	0	%100
62	M56	Z	0	0	0	%100
63	M57	X	14.289	14.289	0	%100
64	M57	Z	0	0	0	%100
65	M58A	X	0	0	0	%100
66	M58A	Z	0	0	0	%100
67	M59A	X	9.111	9.111	0	%100
68	M59A	Z	0	0	0	%100
69	M62	X	4.763	4.763	0	%100
70	M62	Z	0	0	0	%100
71	M63	X	0	0	0	%100
72	M63	Z	0	0	0	%100
73	M65	X	0	0	0	%100
74	M65	Z	0	0	0	%100
75	M67	X	4.763	4.763	0	%100
76	M67	Z	0	0	0	%100
77	M68	X	14.554	14.554	0	%100
78	M68	Z	0	0	0	%100
79	M70	X	15.329	15.329	0	%100
80	M70	Z	0	0	0	%100
81	MP2A	X	7.541	7.541	0	%100
82	MP2A	Z	0	0	0	%100
83	MP3A	X	9.129	9.129	0	%100
84	MP3A	Z	0	0	0	%100



	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
85	MP4A	X	7.541	7.541	0	%100
86	MP4A	Z	0	0	0	%100
87	MP5A	X	7.541	7.541	0	%100
88	MP5A	Z	0	0	0	%100
89	MP1C	X	7.541	7.541	0	%100
90	MP1C	Z	0	0	0	%100
91	MP2C	X	7.541	7.541	0	%100
92	MP2C	Z	0	0	0	%100
93	MP3C	X	9.129	9.129	0	%100
94	MP3C	Z	0	0	0	%100
95	MP4C	X	7.541	7.541	0	%100
96	MP4C	Z	0	0	0	%100
97	MP5C	X	7.541	7.541	0	%100
98	MP5C	Z	0	0	0	%100
99	MP1B	X	7.541	7.541	0	%100
100	MP1B	Z	0	0	0	%100
101	MP2B	X	7.541	7.541	0	%100
102	MP2B	Z	0	0	0	%100
103	MP3B	X	9.129	9.129	0	%100
104	MP3B	Z	0	0	0	%100
105	MP4B	X	7.541	7.541	0	%100
106	MP4B	Z	0	0	0	%100
107	MP5B	X	7.541	7.541	0	%100
108	MP5B	Z	0	0	0	%100
109	M106	X	6.167	6.167	0	%100
110	M106	Z	0	0	0	%100
111	M108	X	6.167	6.167	0	%100
112	M108	Z	0	0	0	%100
113	M110	X	0	0	0	%100
114	M110	Z	0	0	0	%100
115	M116	X	6.847	6.847	0	%100
116	M116	Z	0	0	0	%100
117	M122	X	6.847	6.847	0	%100
118	M122	Z	0	0	0	%100
119	M134	X	0	0	0	%100
120	M134	Z	0	0	0	%100
121	M135	X	8.982	8.982	0	%100
122	M135	Z	0	0	0	%100
123	M136	X	8.982	8.982	0	%100
124	M136	Z	0	0	0	%100

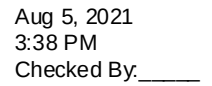
	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	2.406	2.406	0	%100
2	M1	Z	1.389	1.389	0	%100
3	M4	X	7.324	7.324	0	%100
4	M4	Z	4.228	4.228	0	%100
5	M10	X	2.068	2.068	0	%100
6	M10	Z	1.194	1.194	0	%100
7	MP1A	X	6.531	6.531	0	%100
8	MP1A	Z	3.771	3.771	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
9	M43	X	2.068	2.068	0	%100
10	M43	Z	1.194	1.194	0	%100
11	M46	X	4.125	4.125	0	%100
12	M46	Z	2.382	2.382	0	%100
13	M51B	X	2.63	2.63	0	%100
14	M51B	Z	1.519	1.519	0	%100
15	M52B	X	10.521	10.521	0	%100
16	M52B	Z	6.074	6.074	0	%100
17	M76	X	12.375	12.375	0	%100
18	M76	Z	7.145	7.145	0	%100
19	M77	X	4.201	4.201	0	%100
20	M77	Z	2.426	2.426	0	%100
21	M80	X	4.425	4.425	0	%100
22	M80	Z	2.555	2.555	0	%100
23	M84	X	12.375	12.375	0	%100
24	M84	Z	7.145	7.145	0	%100
25	M85	X	16.805	16.805	0	%100
26	M85	Z	9.702	9.702	0	%100
27	M91	X	17.701	17.701	0	%100
28	M91	Z	10.219	10.219	0	%100
29	M28B	X	2.406	2.406	0	%100
30	M28B	Z	1.389	1.389	0	%100
31	M29	X	9.625	9.625	0	%100
32	M29	Z	5.557	5.557	0	%100
33	M30	X	7.324	7.324	0	%100
34	M30	Z	4.228	4.228	0	%100
35	M31	X	2.068	2.068	0	%100
36	M31	Z	1.194	1.194	0	%100
37	M32	X	2.068	2.068	0	%100
38	M32	Z	1.194	1.194	0	%100
39	M33	X	4.125	4.125	0	%100
40	M33	Z	2.382	2.382	0	%100
41	M34	X	10.521	10.521	0	%100
42	M34	Z	6.074	6.074	0	%100
43	M35	X	2.63	2.63	0	%100
44	M35	Z	1.519	1.519	0	%100
45	M38	X	12.375	12.375	0	%100
46	M38	Z	7.145	7.145	0	%100
47	M39	X	16.805	16.805	0	%100
48	M39	Z	9.702	9.702	0	%100
49	M41	X	17.701	17.701	0	%100
50	M41	Z	10.219	10.219	0	%100
51	M43A	X	12.375	12.375	0	%100
52	M43A	Z	7.145	7.145	0	%100
53	M44	X	4.201	4.201	0	%100
54	M44	Z	2.426	2.426	0	%100
55	M46A	X	4.425	4.425	0	%100
56	M46A	Z	2.555	2.555	0	%100
57	M54	X	0	0	0	%100
58	M54	Z	0	0	0	%100
59	M55	X	8.272	8.272	0	%100
60	M55	Z	4.776	4.776	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
61	M56	X	8.272	8.272	0	%100
62	M56	Z	4.776	4.776	0	%100
63	M57	X	16.5	16.5	0	%100
64	M57	Z	9.526	9.526	0	%100
65	M58A	X	2.63	2.63	0	%100
66	M58A	Z	1.519	1.519	0	%100
67	M59A	X	2.63	2.63	0	%100
68	M59A	Z	1.519	1.519	0	%100
69	M62	X	0	0	0	%100
70	M62	Z	0	0	0	%100
71	M63	X	4.201	4.201	0	%100
72	M63	Z	2.426	2.426	0	%100
73	M65	X	4.425	4.425	0	%100
74	M65	Z	2.555	2.555	0	%100
75	M67	X	0	0	0	%100
76	M67	Z	0	0	0	%100
77	M68	X	4.201	4.201	0	%100
78	M68	Z	2.426	2.426	0	%100
79	M70	X	4.425	4.425	0	%100
80	M70	Z	2.555	2.555	0	%100
81	MP2A	X	6.531	6.531	0	%100
82	MP2A	Z	3.771	3.771	0	%100
83	MP3A	X	7.906	7.906	0	%100
84	MP3A	Z	4.565	4.565	0	%100
85	MP4A	X	6.531	6.531	0	%100
86	MP4A	Z	3.771	3.771	0	%100
87	MP5A	X	6.531	6.531	0	%100
88	MP5A	Z	3.771	3.771	0	%100
89	MP1C	X	6.531	6.531	0	%100
90	MP1C	Z	3.771	3.771	0	%100
91	MP2C	X	6.531	6.531	0	%100
92	MP2C	Z	3.771	3.771	0	%100
93	MP3C	X	7.906	7.906	0	%100
94	MP3C	Z	4.565	4.565	0	%100
95	MP4C	X	6.531	6.531	0	%100
96	MP4C	Z	3.771	3.771	0	%100
97	MP5C	X	6.531	6.531	0	%100
98	MP5C	Z	3.771	3.771	0	%100
99	MP1B	X	6.531	6.531	0	%100
100	MP1B	Z	3.771	3.771	0	%100
101	MP2B	X	6.531	6.531	0	%100
102	MP2B	Z	3.771	3.771	0	%100
103	MP3B	X	7.906	7.906	0	%100
104	MP3B	Z	4.565	4.565	0	%100
105	MP4B	X	6.531	6.531	0	%100
106	MP4B	Z	3.771	3.771	0	%100
107	MP5B	X	6.531	6.531	0	%100
108	MP5B	Z	3.771	3.771	0	%100
109	M106	X	5.341	5.341	0	%100
110	M106	Z	3.083	3.083	0	%100
111	M108	X	5.341	5.341	0	%100
112	M108	Z	3.083	3.083	0	%100

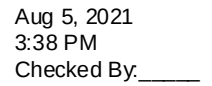


	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
113	M110	X	1.977	1.977	0	%100
114	M110	Z	1.141	1.141	0	%100
115	M116	X	1.977	1.977	0	%100
116	M116	Z	1.141	1.141	0	%100
117	M122	X	7.906	7.906	0	%100
118	M122	Z	4.565	4.565	0	%100
119	M134	X	2.593	2.593	0	%100
120	M134	Z	1.497	1.497	0	%100
121	M135	X	2.593	2.593	0	%100
122	M135	Z	1.497	1.497	0	%100
123	M136	X	10.371	10.371	0	%100
124	M136	Z	5.988	5.988	0	%100

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	4.168	4.168	0	%100
2	M1	Z	7.219	7.219	0	%100
3	M4	X	1.409	1.409	0	%100
4	M4	Z	2.441	2.441	0	%100
5	M10	X	3.582	3.582	0	%100
6	M10	Z	6.204	6.204	0	%100
7	MP1A	X	3.771	3.771	0	%100
8	MP1A	Z	6.531	6.531	0	%100
9	M43	X	3.582	3.582	0	%100
10	M43	Z	6.204	6.204	0	%100
11	M46	X	7.145	7.145	0	%100
12	M46	Z	12.375	12.375	0	%100
13	M51B	X	0	0	0	%100
14	M51B	Z	0	0	0	%100
15	M52B	X	4.556	4.556	0	%100
16	M52B	Z	7.891	7.891	0	%100
17	M76	X	2.382	2.382	0	%100
18	M76	Z	4.125	4.125	0	%100
19	M77	X	0	0	0	%100
20	M77	Z	0	0	0	%100
21	M80	X	0	0	0	%100
22	M80	Z	0	0	0	%100
23	M84	X	2.382	2.382	0	%100
24	M84	Z	4.125	4.125	0	%100
25	M85	X	7.277	7.277	0	%100
26	M85	Z	12.604	12.604	0	%100
27	M91	X	7.665	7.665	0	%100
28	M91	Z	13.275	13.275	0	%100
29	M28B	X	0	0	0	%100
30	M28B	Z	0	0	0	%100
31	M29	X	4.168	4.168	0	%100
32	M29	Z	7.219	7.219	0	%100
33	M30	X	5.638	5.638	0	%100
34	M30	Z	9.765	9.765	0	%100
35	M31	X	0	0	0	%100
36	M31	Z	0	0	0	%100

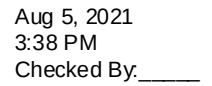
Member Distributed Loads (BLC 46 : Structure Wo (150 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
37	M32	X	0	0	0	%100
38	M32	Z	0	0	0	%100
39	M33	X	0	0	0	%100
40	M33	Z	0	0	0	%100
41	M34	X	4.556	4.556	0	%100
42	M34	Z	7.891	7.891	0	%100
43	M35	X	4.556	4.556	0	%100
44	M35	Z	7.891	7.891	0	%100
45	M38	X	9.526	9.526	0	%100
46	M38	Z	16.5	16.5	0	%100
47	M39	X	7.277	7.277	0	%100
48	M39	Z	12.604	12.604	0	%100
49	M41	X	7.665	7.665	0	%100
50	M41	Z	13.275	13.275	0	%100
51	M43A	X	9.526	9.526	0	%100
52	M43A	Z	16.5	16.5	0	%100
53	M44	X	7.277	7.277	0	%100
54	M44	Z	12.604	12.604	0	%100
55	M46A	X	7.665	7.665	0	%100
56	M46A	Z	13.275	13.275	0	%100
57	M54	X	1.409	1.409	0	%100
58	M54	Z	2.441	2.441	0	%100
59	M55	X	3.582	3.582	0	%100
60	M55	Z	6.204	6.204	0	%100
61	M56	X	3.582	3.582	0	%100
62	M56	Z	6.204	6.204	0	%100
63	M57	X	7.145	7.145	0	%100
64	M57	Z	12.375	12.375	0	%100
65	M58A	X	4.556	4.556	0	%100
66	M58A	Z	7.891	7.891	0	%100
67	M59A	X	0	0	0	%100
68	M59A	Z	0	0	0	%100
69	M62	X	2.382	2.382	0	%100
70	M62	Z	4.125	4.125	0	%100
71	M63	X	7.277	7.277	0	%100
72	M63	Z	12.604	12.604	0	%100
73	M65	X	7.665	7.665	0	%100
74	M65	Z	13.275	13.275	0	%100
75	M67	X	2.382	2.382	0	%100
76	M67	Z	4.125	4.125	0	%100
77	M68	X	0	0	0	%100
78	M68	Z	0	0	0	%100
79	M70	X	0	0	0	%100
80	M70	Z	0	0	0	%100
81	MP2A	X	3.771	3.771	0	%100
82	MP2A	Z	6.531	6.531	0	%100
83	MP3A	X	4.565	4.565	0	%100
84	MP3A	Z	7.906	7.906	0	%100
85	MP4A	X	3.771	3.771	0	%100
86	MP4A	Z	6.531	6.531	0	%100
87	MP5A	X	3.771	3.771	0	%100
88	MP5A	Z	6.531	6.531	0	%100

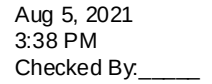


	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
89	MP1C	X	3.771	3.771	0	%100
90	MP1C	Z	6.531	6.531	0	%100
91	MP2C	X	3.771	3.771	0	%100
92	MP2C	Z	6.531	6.531	0	%100
93	MP3C	X	4.565	4.565	0	%100
94	MP3C	Z	7.906	7.906	0	%100
95	MP4C	X	3.771	3.771	0	%100
96	MP4C	Z	6.531	6.531	0	%100
97	MP5C	X	3.771	3.771	0	%100
98	MP5C	Z	6.531	6.531	0	%100
99	MP1B	X	3.771	3.771	0	%100
100	MP1B	Z	6.531	6.531	0	%100
101	MP2B	X	3.771	3.771	0	%100
102	MP2B	Z	6.531	6.531	0	%100
103	MP3B	X	4.565	4.565	0	%100
104	MP3B	Z	7.906	7.906	0	%100
105	MP4B	X	3.771	3.771	0	%100
106	MP4B	Z	6.531	6.531	0	%100
107	MP5B	X	3.771	3.771	0	%100
108	MP5B	Z	6.531	6.531	0	%100
109	M106	X	3.083	3.083	0	%100
110	M106	Z	5.341	5.341	0	%100
111	M108	X	3.083	3.083	0	%100
112	M108	Z	5.341	5.341	0	%100
113	M110	X	3.423	3.423	0	%100
114	M110	Z	5.93	5.93	0	%100
115	M116	X	0	0	0	%100
116	M116	Z	0	0	0	%100
117	M122	X	3.423	3.423	0	%100
118	M122	Z	5.93	5.93	0	%100
119	M134	X	4.491	4.491	0	%100
120	M134	Z	7.779	7.779	0	%100
121	M135	X	0	0	0	%100
122	M135	Z	0	0	0	%100
123	M136	X	4.491	4.491	0	%100
124	M136	Z	7.779	7.779	0	%100

	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	11.114	11.114	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	9.552	9.552	0	%100
7	MP1A	X	0	0	0	%100
8	MP1A	Z	7.541	7.541	0	%100
9	M43	X	0	0	0	%100
10	M43	Z	9.552	9.552	0	%100
11	M46	X	0	0	0	%100
12	M46	Z	19.052	19.052	0	%100



	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
13	M51B	X	0	0	0	%100
14	M51B	Z	3.037	3.037	0	%100
15	M52B	X	0	0	0	%100
16	M52B	Z	3.037	3.037	0	%100
17	M76	X	0	0	0	%100
18	M76	Z	0	0	0	%100
19	M77	X	0	0	0	%100
20	M77	Z	4.851	4.851	0	%100
21	M80	X	0	0	0	%100
22	M80	Z	5.11	5.11	0	%100
23	M84	X	0	0	0	%100
24	M84	Z	0	0	0	%100
25	M85	X	0	0	0	%100
26	M85	Z	4.851	4.851	0	%100
27	M91	X	0	0	0	%100
28	M91	Z	5.11	5.11	0	%100
29	M28B	X	0	0	0	%100
30	M28B	Z	2.778	2.778	0	%100
31	M29	X	0	0	0	%100
32	M29	Z	2.778	2.778	0	%100
33	M30	X	0	0	0	%100
34	M30	Z	8.457	8.457	0	%100
35	M31	X	0	0	0	%100
36	M31	Z	2.388	2.388	0	%100
37	M32	X	0	0	0	%100
38	M32	Z	2.388	2.388	0	%100
39	M33	X	0	0	0	%100
40	M33	Z	4.763	4.763	0	%100
41	M34	X	0	0	0	%100
42	M34	Z	3.037	3.037	0	%100
43	M35	X	0	0	0	%100
44	M35	Z	12.148	12.148	0	%100
45	M38	X	0	0	0	%100
46	M38	Z	14.289	14.289	0	%100
47	M39	X	0	0	0	%100
48	M39	Z	4.851	4.851	0	%100
49	M41	X	0	0	0	%100
50	M41	Z	5.11	5.11	0	%100
51	M43A	X	0	0	0	%100
52	M43A	Z	14.289	14.289	0	%100
53	M44	X	0	0	0	%100
54	M44	Z	19.405	19.405	0	%100
55	M46A	X	0	0	0	%100
56	M46A	Z	20.439	20.439	0	%100
57	M54	X	0	0	0	%100
58	M54	Z	8.457	8.457	0	%100
59	M55	X	0	0	0	%100
60	M55	Z	2.388	2.388	0	%100
61	M56	X	0	0	0	%100
62	M56	Z	2.388	2.388	0	%100
63	M57	X	0	0	0	%100
64	M57	Z	4.763	4.763	0	%100



	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
65	M58A	X	0	0	0	%100
66	M58A	Z	12.148	12.148	0	%100
67	M59A	X	0	0	0	%100
68	M59A	Z	3.037	3.037	0	%100
69	M62	X	0	0	0	%100
70	M62	Z	14.289	14.289	0	%100
71	M63	X	0	0	0	%100
72	M63	Z	19.405	19.405	0	%100
73	M65	X	0	0	0	%100
74	M65	Z	20.439	20.439	0	%100
75	M67	X	0	0	0	%100
76	M67	Z	14.289	14.289	0	%100
77	M68	X	0	0	0	%100
78	M68	Z	4.851	4.851	0	%100
79	M70	X	0	0	0	%100
80	M70	Z	5.11	5.11	0	%100
81	MP2A	X	0	0	0	%100
82	MP2A	Z	7.541	7.541	0	%100
83	MP3A	X	0	0	0	%100
84	MP3A	Z	9.129	9.129	0	%100
85	MP4A	X	0	0	0	%100
86	MP4A	Z	7.541	7.541	0	%100
87	MP5A	X	0	0	0	%100
88	MP5A	Z	7.541	7.541	0	%100
89	MP1C	X	0	0	0	%100
90	MP1C	Z	7.541	7.541	0	%100
91	MP2C	X	0	0	0	%100
92	MP2C	Z	7.541	7.541	0	%100
93	MP3C	X	0	0	0	%100
94	MP3C	Z	9.129	9.129	0	%100
95	MP4C	X	0	0	0	%100
96	MP4C	Z	7.541	7.541	0	%100
97	MP5C	X	0	0	0	%100
98	MP5C	Z	7.541	7.541	0	%100
99	MP1B	X	0	0	0	%100
100	MP1B	Z	7.541	7.541	0	%100
101	MP2B	X	0	0	0	%100
102	MP2B	Z	7.541	7.541	0	%100
103	MP3B	X	0	0	0	%100
104	MP3B	Z	9.129	9.129	0	%100
105	MP4B	X	0	0	0	%100
106	MP4B	Z	7.541	7.541	0	%100
107	MP5B	X	0	0	0	%100
108	MP5B	Z	7.541	7.541	0	%100
109	M106	X	0	0	0	%100
110	M106	Z	6.167	6.167	0	%100
111	M108	X	0	0	0	%100
112	M108	Z	6.167	6.167	0	%100
113	M110	X	0	0	0	%100
114	M110	Z	9.129	9.129	0	%100
115	M116	X	0	0	0	%100
116	M116	Z	2.282	2.282	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, %]
117	M122	X	0	0	0	%100
118	M122	Z	2.282	2.282	0	%100
119	M134	X	0	0	0	%100
120	M134	Z	11.976	11.976	0	%100
121	M135	X	0	0	0	%100
122	M135	Z	2.994	2.994	0	%100
123	M136	X	0	0	0	%100
124	M136	Z	2.994	2.994	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	-4.168	-4.168	0	%100
2	M1	Z	7.219	7.219	0	%100
3	M4	X	-1.409	-1.409	0	%100
4	M4	Z	2.441	2.441	0	%100
5	M10	X	-3.582	-3.582	0	%100
6	M10	Z	6.204	6.204	0	%100
7	MP1A	X	-3.771	-3.771	0	%100
8	MP1A	Z	6.531	6.531	0	%100
9	M43	X	-3.582	-3.582	0	%100
10	M43	Z	6.204	6.204	0	%100
11	M46	X	-7.145	-7.145	0	%100
12	M46	Z	12.375	12.375	0	%100
13	M51B	X	-4.556	-4.556	0	%100
14	M51B	Z	7.891	7.891	0	%100
15	M52B	X	0	0	0	%100
16	M52B	Z	0	0	0	%100
17	M76	X	-2.382	-2.382	0	%100
18	M76	Z	4.125	4.125	0	%100
19	M77	X	-7.277	-7.277	0	%100
20	M77	Z	12.604	12.604	0	%100
21	M80	X	-7.665	-7.665	0	%100
22	M80	Z	13.275	13.275	0	%100
23	M84	X	-2.382	-2.382	0	%100
24	M84	Z	4.125	4.125	0	%100
25	M85	X	0	0	0	%100
26	M85	Z	0	0	0	%100
27	M91	X	0	0	0	%100
28	M91	Z	0	0	0	%100
29	M28B	X	-4.168	-4.168	0	%100
30	M28B	Z	7.219	7.219	0	%100
31	M29	X	0	0	0	%100
32	M29	Z	0	0	0	%100
33	M30	X	-1.409	-1.409	0	%100
34	M30	Z	2.441	2.441	0	%100
35	M31	X	-3.582	-3.582	0	%100
36	M31	Z	6.204	6.204	0	%100
37	M32	X	-3.582	-3.582	0	%100
38	M32	Z	6.204	6.204	0	%100
39	M33	X	-7.145	-7.145	0	%100
40	M33	Z	12.375	12.375	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,%]
41	M34	X	0	0	0	%100
42	M34	Z	0	0	0	%100
43	M35	X	-4.556	-4.556	0	%100
44	M35	Z	7.891	7.891	0	%100
45	M38	X	-2.382	-2.382	0	%100
46	M38	Z	4.125	4.125	0	%100
47	M39	X	0	0	0	%100
48	M39	Z	0	0	0	%100
49	M41	X	0	0	0	%100
50	M41	Z	0	0	0	%100
51	M43A	X	-2.382	-2.382	0	%100
52	M43A	Z	4.125	4.125	0	%100
53	M44	X	-7.277	-7.277	0	%100
54	M44	Z	12.604	12.604	0	%100
55	M46A	X	-7.665	-7.665	0	%100
56	M46A	Z	13.275	13.275	0	%100
57	M54	X	-5.638	-5.638	0	%100
58	M54	Z	9.765	9.765	0	%100
59	M55	X	0	0	0	%100
60	M55	Z	0	0	0	%100
61	M56	X	0	0	0	%100
62	M56	Z	0	0	0	%100
63	M57	X	0	0	0	%100
64	M57	Z	0	0	0	%100
65	M58A	X	-4.556	-4.556	0	%100
66	M58A	Z	7.891	7.891	0	%100
67	M59A	X	-4.556	-4.556	0	%100
68	M59A	Z	7.891	7.891	0	%100
69	M62	X	-9.526	-9.526	0	%100
70	M62	Z	16.5	16.5	0	%100
71	M63	X	-7.277	-7.277	0	%100
72	M63	Z	12.604	12.604	0	%100
73	M65	X	-7.665	-7.665	0	%100
74	M65	Z	13.275	13.275	0	%100
75	M67	X	-9.526	-9.526	0	%100
76	M67	Z	16.5	16.5	0	%100
77	M68	X	-7.277	-7.277	0	%100
78	M68	Z	12.604	12.604	0	%100
79	M70	X	-7.665	-7.665	0	%100
80	M70	Z	13.275	13.275	0	%100
81	MP2A	X	-3.771	-3.771	0	%100
82	MP2A	Z	6.531	6.531	0	%100
83	MP3A	X	-4.565	-4.565	0	%100
84	MP3A	Z	7.906	7.906	0	%100
85	MP4A	X	-3.771	-3.771	0	%100
86	MP4A	Z	6.531	6.531	0	%100
87	MP5A	X	-3.771	-3.771	0	%100
88	MP5A	Z	6.531	6.531	0	%100
89	MP1C	X	-3.771	-3.771	0	%100
90	MP1C	Z	6.531	6.531	0	%100
91	MP2C	X	-3.771	-3.771	0	%100
92	MP2C	Z	6.531	6.531	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,%]
93	MP3C	X	-4.565	-4.565	0	%100
94	MP3C	Z	7.906	7.906	0	%100
95	MP4C	X	-3.771	-3.771	0	%100
96	MP4C	Z	6.531	6.531	0	%100
97	MP5C	X	-3.771	-3.771	0	%100
98	MP5C	Z	6.531	6.531	0	%100
99	MP1B	X	-3.771	-3.771	0	%100
100	MP1B	Z	6.531	6.531	0	%100
101	MP2B	X	-3.771	-3.771	0	%100
102	MP2B	Z	6.531	6.531	0	%100
103	MP3B	X	-4.565	-4.565	0	%100
104	MP3B	Z	7.906	7.906	0	%100
105	MP4B	X	-3.771	-3.771	0	%100
106	MP4B	Z	6.531	6.531	0	%100
107	MP5B	X	-3.771	-3.771	0	%100
108	MP5B	Z	6.531	6.531	0	%100
109	M106	X	-3.083	-3.083	0	%100
110	M106	Z	5.341	5.341	0	%100
111	M108	X	-3.083	-3.083	0	%100
112	M108	Z	5.341	5.341	0	%100
113	M110	X	-3.423	-3.423	0	%100
114	M110	Z	5.93	5.93	0	%100
115	M116	X	-3.423	-3.423	0	%100
116	M116	Z	5.93	5.93	0	%100
117	M122	X	0	0	0	%100
118	M122	Z	0	0	0	%100
119	M134	X	-4.491	-4.491	0	%100
120	M134	Z	7.779	7.779	0	%100
121	M135	X	-4.491	-4.491	0	%100
122	M135	Z	7.779	7.779	0	%100
123	M136	X	0	0	0	%100
124	M136	Z	0	0	0	%100

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

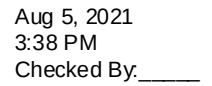
	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M1	X	-2.406	-2.406	0	%100
2	M1	Z	1.389	1.389	0	%100
3	M4	X	-7.324	-7.324	0	%100
4	M4	Z	4.228	4.228	0	%100
5	M10	X	-2.068	-2.068	0	%100
6	M10	Z	1.194	1.194	0	%100
7	MP1A	X	-6.531	-6.531	0	%100
8	MP1A	Z	3.771	3.771	0	%100
9	M43	X	-2.068	-2.068	0	%100
10	M43	Z	1.194	1.194	0	%100
11	M46	X	-4.125	-4.125	0	%100
12	M46	Z	2.382	2.382	0	%100
13	M51B	X	-10.521	-10.521	0	%100
14	M51B	Z	6.074	6.074	0	%100
15	M52B	X	-2.63	-2.63	0	%100
16	M52B	Z	1.519	1.519	0	%100

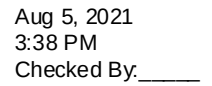
Member Distributed Loads (BLC 49 : Structure Wo (240 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
17	M76	X	-12.375	-12.375	0	%100
18	M76	Z	7.145	7.145	0	%100
19	M77	X	-16.805	-16.805	0	%100
20	M77	Z	9.702	9.702	0	%100
21	M80	X	-17.701	-17.701	0	%100
22	M80	Z	10.219	10.219	0	%100
23	M84	X	-12.375	-12.375	0	%100
24	M84	Z	7.145	7.145	0	%100
25	M85	X	-4.201	-4.201	0	%100
26	M85	Z	2.426	2.426	0	%100
27	M91	X	-4.425	-4.425	0	%100
28	M91	Z	2.555	2.555	0	%100
29	M28B	X	-9.625	-9.625	0	%100
30	M28B	Z	5.557	5.557	0	%100
31	M29	X	-2.406	-2.406	0	%100
32	M29	Z	1.389	1.389	0	%100
33	M30	X	0	0	0	%100
34	M30	Z	0	0	0	%100
35	M31	X	-8.272	-8.272	0	%100
36	M31	Z	4.776	4.776	0	%100
37	M32	X	-8.272	-8.272	0	%100
38	M32	Z	4.776	4.776	0	%100
39	M33	X	-16.5	-16.5	0	%100
40	M33	Z	9.526	9.526	0	%100
41	M34	X	-2.63	-2.63	0	%100
42	M34	Z	1.519	1.519	0	%100
43	M35	X	-2.63	-2.63	0	%100
44	M35	Z	1.519	1.519	0	%100
45	M38	X	0	0	0	%100
46	M38	Z	0	0	0	%100
47	M39	X	-4.201	-4.201	0	%100
48	M39	Z	2.426	2.426	0	%100
49	M41	X	-4.425	-4.425	0	%100
50	M41	Z	2.555	2.555	0	%100
51	M43A	X	0	0	0	%100
52	M43A	Z	0	0	0	%100
53	M44	X	-4.201	-4.201	0	%100
54	M44	Z	2.426	2.426	0	%100
55	M46A	X	-4.425	-4.425	0	%100
56	M46A	Z	2.555	2.555	0	%100
57	M54	X	-7.324	-7.324	0	%100
58	M54	Z	4.228	4.228	0	%100
59	M55	X	-2.068	-2.068	0	%100
60	M55	Z	1.194	1.194	0	%100
61	M56	X	-2.068	-2.068	0	%100
62	M56	Z	1.194	1.194	0	%100
63	M57	X	-4.125	-4.125	0	%100
64	M57	Z	2.382	2.382	0	%100
65	M58A	X	-2.63	-2.63	0	%100
66	M58A	Z	1.519	1.519	0	%100
67	M59A	X	-10.521	-10.521	0	%100
68	M59A	Z	6.074	6.074	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,%]
69	M62	X	-12.375	-12.375	0	%100
70	M62	Z	7.145	7.145	0	%100
71	M63	X	-4.201	-4.201	0	%100
72	M63	Z	2.426	2.426	0	%100
73	M65	X	-4.425	-4.425	0	%100
74	M65	Z	2.555	2.555	0	%100
75	M67	X	-12.375	-12.375	0	%100
76	M67	Z	7.145	7.145	0	%100
77	M68	X	-16.805	-16.805	0	%100
78	M68	Z	9.702	9.702	0	%100
79	M70	X	-17.701	-17.701	0	%100
80	M70	Z	10.219	10.219	0	%100
81	MP2A	X	-6.531	-6.531	0	%100
82	MP2A	Z	3.771	3.771	0	%100
83	MP3A	X	-7.906	-7.906	0	%100
84	MP3A	Z	4.565	4.565	0	%100
85	MP4A	X	-6.531	-6.531	0	%100
86	MP4A	Z	3.771	3.771	0	%100
87	MP5A	X	-6.531	-6.531	0	%100
88	MP5A	Z	3.771	3.771	0	%100
89	MP1C	X	-6.531	-6.531	0	%100
90	MP1C	Z	3.771	3.771	0	%100
91	MP2C	X	-6.531	-6.531	0	%100
92	MP2C	Z	3.771	3.771	0	%100
93	MP3C	X	-7.906	-7.906	0	%100
94	MP3C	Z	4.565	4.565	0	%100
95	MP4C	X	-6.531	-6.531	0	%100
96	MP4C	Z	3.771	3.771	0	%100
97	MP5C	X	-6.531	-6.531	0	%100
98	MP5C	Z	3.771	3.771	0	%100
99	MP1B	X	-6.531	-6.531	0	%100
100	MP1B	Z	3.771	3.771	0	%100
101	MP2B	X	-6.531	-6.531	0	%100
102	MP2B	Z	3.771	3.771	0	%100
103	MP3B	X	-7.906	-7.906	0	%100
104	MP3B	Z	4.565	4.565	0	%100
105	MP4B	X	-6.531	-6.531	0	%100
106	MP4B	Z	3.771	3.771	0	%100
107	MP5B	X	-6.531	-6.531	0	%100
108	MP5B	Z	3.771	3.771	0	%100
109	M106	X	-5.341	-5.341	0	%100
110	M106	Z	3.083	3.083	0	%100
111	M108	X	-5.341	-5.341	0	%100
112	M108	Z	3.083	3.083	0	%100
113	M110	X	-1.977	-1.977	0	%100
114	M110	Z	1.141	1.141	0	%100
115	M116	X	-7.906	-7.906	0	%100
116	M116	Z	4.565	4.565	0	%100
117	M122	X	-1.977	-1.977	0	%100
118	M122	Z	1.141	1.141	0	%100
119	M134	X	-2.593	-2.593	0	%100
120	M134	Z	1.497	1.497	0	%100

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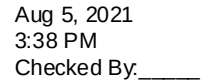
	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
45	M38	X	-4.763	-4.763	0	%100
46	M38	Z	0	0	0	%100
47	M39	X	-14.554	-14.554	0	%100
48	M39	Z	0	0	0	%100
49	M41	X	-15.329	-15.329	0	%100
50	M41	Z	0	0	0	%100
51	M43A	X	-4.763	-4.763	0	%100
52	M43A	Z	0	0	0	%100
53	M44	X	0	0	0	%100
54	M44	Z	0	0	0	%100
55	M46A	X	0	0	0	%100
56	M46A	Z	0	0	0	%100
57	M54	X	-2.819	-2.819	0	%100
58	M54	Z	0	0	0	%100
59	M55	X	-7.164	-7.164	0	%100
60	M55	Z	0	0	0	%100
61	M56	X	-7.164	-7.164	0	%100
62	M56	Z	0	0	0	%100
63	M57	X	-14.289	-14.289	0	%100
64	M57	Z	0	0	0	%100
65	M58A	X	0	0	0	%100
66	M58A	Z	0	0	0	%100
67	M59A	X	-9.111	-9.111	0	%100
68	M59A	Z	0	0	0	%100
69	M62	X	-4.763	-4.763	0	%100
70	M62	Z	0	0	0	%100
71	M63	X	0	0	0	%100
72	M63	Z	0	0	0	%100
73	M65	X	0	0	0	%100
74	M65	Z	0	0	0	%100
75	M67	X	-4.763	-4.763	0	%100
76	M67	Z	0	0	0	%100
77	M68	X	-14.554	-14.554	0	%100
78	M68	Z	0	0	0	%100
79	M70	X	-15.329	-15.329	0	%100
80	M70	Z	0	0	0	%100
81	MP2A	X	-7.541	-7.541	0	%100
82	MP2A	Z	0	0	0	%100
83	MP3A	X	-9.129	-9.129	0	%100
84	MP3A	Z	0	0	0	%100
85	MP4A	X	-7.541	-7.541	0	%100
86	MP4A	Z	0	0	0	%100
87	MP5A	X	-7.541	-7.541	0	%100
88	MP5A	Z	0	0	0	%100
89	MP1C	X	-7.541	-7.541	0	%100
90	MP1C	Z	0	0	0	%100
91	MP2C	X	-7.541	-7.541	0	%100
92	MP2C	Z	0	0	0	%100
93	MP3C	X	-9.129	-9.129	0	%100
94	MP3C	Z	0	0	0	%100
95	MP4C	X	-7.541	-7.541	0	%100
96	MP4C	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,%]
97	MP5C	X	-7.541	-7.541	0	%100
98	MP5C	Z	0	0	0	%100
99	MP1B	X	-7.541	-7.541	0	%100
100	MP1B	Z	0	0	0	%100
101	MP2B	X	-7.541	-7.541	0	%100
102	MP2B	Z	0	0	0	%100
103	MP3B	X	-9.129	-9.129	0	%100
104	MP3B	Z	0	0	0	%100
105	MP4B	X	-7.541	-7.541	0	%100
106	MP4B	Z	0	0	0	%100
107	MP5B	X	-7.541	-7.541	0	%100
108	MP5B	Z	0	0	0	%100
109	M106	X	-6.167	-6.167	0	%100
110	M106	Z	0	0	0	%100
111	M108	X	-6.167	-6.167	0	%100
112	M108	Z	0	0	0	%100
113	M110	X	0	0	0	%100
114	M110	Z	0	0	0	%100
115	M116	X	-6.847	-6.847	0	%100
116	M116	Z	0	0	0	%100
117	M122	X	-6.847	-6.847	0	%100
118	M122	Z	0	0	0	%100
119	M134	X	0	0	0	%100
120	M134	Z	0	0	0	%100
121	M135	X	-8.982	-8.982	0	%100
122	M135	Z	0	0	0	%100
123	M136	X	-8.982	-8.982	0	%100
124	M136	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%)	End Location[ft,%)
1	M1	X	-2.406	-2.406	0	%100
2	M1	Z	-1.389	-1.389	0	%100
3	M4	X	-7.324	-7.324	0	%100
4	M4	Z	-4.228	-4.228	0	%100
5	M10	X	-2.068	-2.068	0	%100
6	M10	Z	-1.194	-1.194	0	%100
7	MP1A	X	-6.531	-6.531	0	%100
8	MP1A	Z	-3.771	-3.771	0	%100
9	M43	X	-2.068	-2.068	0	%100
10	M43	Z	-1.194	-1.194	0	%100
11	M46	X	-4.125	-4.125	0	%100
12	M46	Z	-2.382	-2.382	0	%100
13	M51B	X	-2.63	-2.63	0	%100
14	M51B	Z	-1.519	-1.519	0	%100
15	M52B	X	-10.521	-10.521	0	%100
16	M52B	Z	-6.074	-6.074	0	%100
17	M76	X	-12.375	-12.375	0	%100
18	M76	Z	-7.145	-7.145	0	%100
19	M77	X	-4.201	-4.201	0	%100
20	M77	Z	-2.426	-2.426	0	%100



	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
21	M80	X	-4.425	-4.425	0	%100
22	M80	Z	-2.555	-2.555	0	%100
23	M84	X	-12.375	-12.375	0	%100
24	M84	Z	-7.145	-7.145	0	%100
25	M85	X	-16.805	-16.805	0	%100
26	M85	Z	-9.702	-9.702	0	%100
27	M91	X	-17.701	-17.701	0	%100
28	M91	Z	-10.219	-10.219	0	%100
29	M28B	X	-2.406	-2.406	0	%100
30	M28B	Z	-1.389	-1.389	0	%100
31	M29	X	-9.625	-9.625	0	%100
32	M29	Z	-5.557	-5.557	0	%100
33	M30	X	-7.324	-7.324	0	%100
34	M30	Z	-4.228	-4.228	0	%100
35	M31	X	-2.068	-2.068	0	%100
36	M31	Z	-1.194	-1.194	0	%100
37	M32	X	-2.068	-2.068	0	%100
38	M32	Z	-1.194	-1.194	0	%100
39	M33	X	-4.125	-4.125	0	%100
40	M33	Z	-2.382	-2.382	0	%100
41	M34	X	-10.521	-10.521	0	%100
42	M34	Z	-6.074	-6.074	0	%100
43	M35	X	-2.63	-2.63	0	%100
44	M35	Z	-1.519	-1.519	0	%100
45	M38	X	-12.375	-12.375	0	%100
46	M38	Z	-7.145	-7.145	0	%100
47	M39	X	-16.805	-16.805	0	%100
48	M39	Z	-9.702	-9.702	0	%100
49	M41	X	-17.701	-17.701	0	%100
50	M41	Z	-10.219	-10.219	0	%100
51	M43A	X	-12.375	-12.375	0	%100
52	M43A	Z	-7.145	-7.145	0	%100
53	M44	X	-4.201	-4.201	0	%100
54	M44	Z	-2.426	-2.426	0	%100
55	M46A	X	-4.425	-4.425	0	%100
56	M46A	Z	-2.555	-2.555	0	%100
57	M54	X	0	0	0	%100
58	M54	Z	0	0	0	%100
59	M55	X	-8.272	-8.272	0	%100
60	M55	Z	-4.776	-4.776	0	%100
61	M56	X	-8.272	-8.272	0	%100
62	M56	Z	-4.776	-4.776	0	%100
63	M57	X	-16.5	-16.5	0	%100
64	M57	Z	-9.526	-9.526	0	%100
65	M58A	X	-2.63	-2.63	0	%100
66	M58A	Z	-1.519	-1.519	0	%100
67	M59A	X	-2.63	-2.63	0	%100
68	M59A	Z	-1.519	-1.519	0	%100
69	M62	X	0	0	0	%100
70	M62	Z	0	0	0	%100
71	M63	X	-4.201	-4.201	0	%100
72	M63	Z	-2.426	-2.426	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
73	M65	X	-4.425	-4.425	0	%100
74	M65	Z	-2.555	-2.555	0	%100
75	M67	X	0	0	0	%100
76	M67	Z	0	0	0	%100
77	M68	X	-4.201	-4.201	0	%100
78	M68	Z	-2.426	-2.426	0	%100
79	M70	X	-4.425	-4.425	0	%100
80	M70	Z	-2.555	-2.555	0	%100
81	MP2A	X	-6.531	-6.531	0	%100
82	MP2A	Z	-3.771	-3.771	0	%100
83	MP3A	X	-7.906	-7.906	0	%100
84	MP3A	Z	-4.565	-4.565	0	%100
85	MP4A	X	-6.531	-6.531	0	%100
86	MP4A	Z	-3.771	-3.771	0	%100
87	MP5A	X	-6.531	-6.531	0	%100
88	MP5A	Z	-3.771	-3.771	0	%100
89	MP1C	X	-6.531	-6.531	0	%100
90	MP1C	Z	-3.771	-3.771	0	%100
91	MP2C	X	-6.531	-6.531	0	%100
92	MP2C	Z	-3.771	-3.771	0	%100
93	MP3C	X	-7.906	-7.906	0	%100
94	MP3C	Z	-4.565	-4.565	0	%100
95	MP4C	X	-6.531	-6.531	0	%100
96	MP4C	Z	-3.771	-3.771	0	%100
97	MP5C	X	-6.531	-6.531	0	%100
98	MP5C	Z	-3.771	-3.771	0	%100
99	MP1B	X	-6.531	-6.531	0	%100
100	MP1B	Z	-3.771	-3.771	0	%100
101	MP2B	X	-6.531	-6.531	0	%100
102	MP2B	Z	-3.771	-3.771	0	%100
103	MP3B	X	-7.906	-7.906	0	%100
104	MP3B	Z	-4.565	-4.565	0	%100
105	MP4B	X	-6.531	-6.531	0	%100
106	MP4B	Z	-3.771	-3.771	0	%100
107	MP5B	X	-6.531	-6.531	0	%100
108	MP5B	Z	-3.771	-3.771	0	%100
109	M106	X	-5.341	-5.341	0	%100
110	M106	Z	-3.083	-3.083	0	%100
111	M108	X	-5.341	-5.341	0	%100
112	M108	Z	-3.083	-3.083	0	%100
113	M110	X	-1.977	-1.977	0	%100
114	M110	Z	-1.141	-1.141	0	%100
115	M116	X	-1.977	-1.977	0	%100
116	M116	Z	-1.141	-1.141	0	%100
117	M122	X	-7.906	-7.906	0	%100
118	M122	Z	-4.565	-4.565	0	%100
119	M134	X	-2.593	-2.593	0	%100
120	M134	Z	-1.497	-1.497	0	%100
121	M135	X	-2.593	-2.593	0	%100
122	M135	Z	-1.497	-1.497	0	%100
123	M136	X	-10.371	-10.371	0	%100
124	M136	Z	-5.988	-5.988	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	-4.168	-4.168	0	%100
2	M1	Z	-7.219	-7.219	0	%100
3	M4	X	-1.409	-1.409	0	%100
4	M4	Z	-2.441	-2.441	0	%100
5	M10	X	-3.582	-3.582	0	%100
6	M10	Z	-6.204	-6.204	0	%100
7	MP1A	X	-3.771	-3.771	0	%100
8	MP1A	Z	-6.531	-6.531	0	%100
9	M43	X	-3.582	-3.582	0	%100
10	M43	Z	-6.204	-6.204	0	%100
11	M46	X	-7.145	-7.145	0	%100
12	M46	Z	-12.375	-12.375	0	%100
13	M51B	X	0	0	0	%100
14	M51B	Z	0	0	0	%100
15	M52B	X	-4.556	-4.556	0	%100
16	M52B	Z	-7.891	-7.891	0	%100
17	M76	X	-2.382	-2.382	0	%100
18	M76	Z	-4.125	-4.125	0	%100
19	M77	X	0	0	0	%100
20	M77	Z	0	0	0	%100
21	M80	X	0	0	0	%100
22	M80	Z	0	0	0	%100
23	M84	X	-2.382	-2.382	0	%100
24	M84	Z	-4.125	-4.125	0	%100
25	M85	X	-7.277	-7.277	0	%100
26	M85	Z	-12.604	-12.604	0	%100
27	M91	X	-7.665	-7.665	0	%100
28	M91	Z	-13.275	-13.275	0	%100
29	M28B	X	0	0	0	%100
30	M28B	Z	0	0	0	%100
31	M29	X	-4.168	-4.168	0	%100
32	M29	Z	-7.219	-7.219	0	%100
33	M30	X	-5.638	-5.638	0	%100
34	M30	Z	-9.765	-9.765	0	%100
35	M31	X	0	0	0	%100
36	M31	Z	0	0	0	%100
37	M32	X	0	0	0	%100
38	M32	Z	0	0	0	%100
39	M33	X	0	0	0	%100
40	M33	Z	0	0	0	%100
41	M34	X	-4.556	-4.556	0	%100
42	M34	Z	-7.891	-7.891	0	%100
43	M35	X	-4.556	-4.556	0	%100
44	M35	Z	-7.891	-7.891	0	%100
45	M38	X	-9.526	-9.526	0	%100
46	M38	Z	-16.5	-16.5	0	%100
47	M39	X	-7.277	-7.277	0	%100
48	M39	Z	-12.604	-12.604	0	%100
49	M41	X	-7.665	-7.665	0	%100
50	M41	Z	-13.275	-13.275	0	%100
51	M43A	X	-9.526	-9.526	0	%100
52	M43A	Z	-16.5	-16.5	0	%100

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

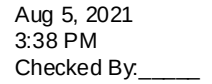
	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
53	M44	X	-7.277	-7.277	0	%100
54	M44	Z	-12.604	-12.604	0	%100
55	M46A	X	-7.665	-7.665	0	%100
56	M46A	Z	-13.275	-13.275	0	%100
57	M54	X	-1.409	-1.409	0	%100
58	M54	Z	-2.441	-2.441	0	%100
59	M55	X	-3.582	-3.582	0	%100
60	M55	Z	-6.204	-6.204	0	%100
61	M56	X	-3.582	-3.582	0	%100
62	M56	Z	-6.204	-6.204	0	%100
63	M57	X	-7.145	-7.145	0	%100
64	M57	Z	-12.375	-12.375	0	%100
65	M58A	X	-4.556	-4.556	0	%100
66	M58A	Z	-7.891	-7.891	0	%100
67	M59A	X	0	0	0	%100
68	M59A	Z	0	0	0	%100
69	M62	X	-2.382	-2.382	0	%100
70	M62	Z	-4.125	-4.125	0	%100
71	M63	X	-7.277	-7.277	0	%100
72	M63	Z	-12.604	-12.604	0	%100
73	M65	X	-7.665	-7.665	0	%100
74	M65	Z	-13.275	-13.275	0	%100
75	M67	X	-2.382	-2.382	0	%100
76	M67	Z	-4.125	-4.125	0	%100
77	M68	X	0	0	0	%100
78	M68	Z	0	0	0	%100
79	M70	X	0	0	0	%100
80	M70	Z	0	0	0	%100
81	MP2A	X	-3.771	-3.771	0	%100
82	MP2A	Z	-6.531	-6.531	0	%100
83	MP3A	X	-4.565	-4.565	0	%100
84	MP3A	Z	-7.906	-7.906	0	%100
85	MP4A	X	-3.771	-3.771	0	%100
86	MP4A	Z	-6.531	-6.531	0	%100
87	MP5A	X	-3.771	-3.771	0	%100
88	MP5A	Z	-6.531	-6.531	0	%100
89	MP1C	X	-3.771	-3.771	0	%100
90	MP1C	Z	-6.531	-6.531	0	%100
91	MP2C	X	-3.771	-3.771	0	%100
92	MP2C	Z	-6.531	-6.531	0	%100
93	MP3C	X	-4.565	-4.565	0	%100
94	MP3C	Z	-7.906	-7.906	0	%100
95	MP4C	X	-3.771	-3.771	0	%100
96	MP4C	Z	-6.531	-6.531	0	%100
97	MP5C	X	-3.771	-3.771	0	%100
98	MP5C	Z	-6.531	-6.531	0	%100
99	MP1B	X	-3.771	-3.771	0	%100
100	MP1B	Z	-6.531	-6.531	0	%100
101	MP2B	X	-3.771	-3.771	0	%100
102	MP2B	Z	-6.531	-6.531	0	%100
103	MP3B	X	-4.565	-4.565	0	%100
104	MP3B	Z	-7.906	-7.906	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,%]
105	MP4B	X	-3.771	-3.771	0	%100
106	MP4B	Z	-6.531	-6.531	0	%100
107	MP5B	X	-3.771	-3.771	0	%100
108	MP5B	Z	-6.531	-6.531	0	%100
109	M106	X	-3.083	-3.083	0	%100
110	M106	Z	-5.341	-5.341	0	%100
111	M108	X	-3.083	-3.083	0	%100
112	M108	Z	-5.341	-5.341	0	%100
113	M110	X	-3.423	-3.423	0	%100
114	M110	Z	-5.93	-5.93	0	%100
115	M116	X	0	0	0	%100
116	M116	Z	0	0	0	%100
117	M122	X	-3.423	-3.423	0	%100
118	M122	Z	-5.93	-5.93	0	%100
119	M134	X	-4.491	-4.491	0	%100
120	M134	Z	-7.779	-7.779	0	%100
121	M135	X	0	0	0	%100
122	M135	Z	0	0	0	%100
123	M136	X	-4.491	-4.491	0	%100
124	M136	Z	-7.779	-7.779	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M1	X	0	0	0	%100
2	M1	Z	-3.883	-3.883	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	-3.014	-3.014	0	%100
7	MP1A	X	0	0	0	%100
8	MP1A	Z	-3.11	-3.11	0	%100
9	M43	X	0	0	0	%100
10	M43	Z	-3.014	-3.014	0	%100
11	M46	X	0	0	0	%100
12	M46	Z	-4.523	-4.523	0	%100
13	M51B	X	0	0	0	%100
14	M51B	Z	-.924	-.924	0	%100
15	M52B	X	0	0	0	%100
16	M52B	Z	-.924	-.924	0	%100
17	M76	X	0	0	0	%100
18	M76	Z	0	0	0	%100
19	M77	X	0	0	0	%100
20	M77	Z	-1.137	-1.137	0	%100
21	M80	X	0	0	0	%100
22	M80	Z	-1.183	-1.183	0	%100
23	M84	X	0	0	0	%100
24	M84	Z	0	0	0	%100
25	M85	X	0	0	0	%100
26	M85	Z	-1.137	-1.137	0	%100
27	M91	X	0	0	0	%100
28	M91	Z	-1.183	-1.183	0	%100



	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
29	M28B	X	0	0	0	%100
30	M28B	Z	- .971	- .971	0	%100
31	M29	X	0	0	0	%100
32	M29	Z	- .971	- .971	0	%100
33	M30	X	0	0	0	%100
34	M30	Z	-2.749	-2.749	0	%100
35	M31	X	0	0	0	%100
36	M31	Z	- .753	- .753	0	%100
37	M32	X	0	0	0	%100
38	M32	Z	- .753	- .753	0	%100
39	M33	X	0	0	0	%100
40	M33	Z	-1.131	-1.131	0	%100
41	M34	X	0	0	0	%100
42	M34	Z	- .924	- .924	0	%100
43	M35	X	0	0	0	%100
44	M35	Z	-3.698	-3.698	0	%100
45	M38	X	0	0	0	%100
46	M38	Z	-3.363	-3.363	0	%100
47	M39	X	0	0	0	%100
48	M39	Z	-1.137	-1.137	0	%100
49	M41	X	0	0	0	%100
50	M41	Z	-1.183	-1.183	0	%100
51	M43A	X	0	0	0	%100
52	M43A	Z	-3.363	-3.363	0	%100
53	M44	X	0	0	0	%100
54	M44	Z	-4.546	-4.546	0	%100
55	M46A	X	0	0	0	%100
56	M46A	Z	-4.73	-4.73	0	%100
57	M54	X	0	0	0	%100
58	M54	Z	-2.749	-2.749	0	%100
59	M55	X	0	0	0	%100
60	M55	Z	- .753	- .753	0	%100
61	M56	X	0	0	0	%100
62	M56	Z	- .753	- .753	0	%100
63	M57	X	0	0	0	%100
64	M57	Z	-1.131	-1.131	0	%100
65	M58A	X	0	0	0	%100
66	M58A	Z	-3.698	-3.698	0	%100
67	M59A	X	0	0	0	%100
68	M59A	Z	- .924	- .924	0	%100
69	M62	X	0	0	0	%100
70	M62	Z	-3.363	-3.363	0	%100
71	M63	X	0	0	0	%100
72	M63	Z	-4.546	-4.546	0	%100
73	M65	X	0	0	0	%100
74	M65	Z	-4.73	-4.73	0	%100
75	M67	X	0	0	0	%100
76	M67	Z	-3.363	-3.363	0	%100
77	M68	X	0	0	0	%100
78	M68	Z	-1.137	-1.137	0	%100
79	M70	X	0	0	0	%100
80	M70	Z	-1.183	-1.183	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,%]
81	MP2A	X	0	0	0	%100
82	MP2A	Z	-3.11	-3.11	0	%100
83	MP3A	X	0	0	0	%100
84	MP3A	Z	-3.391	-3.391	0	%100
85	MP4A	X	0	0	0	%100
86	MP4A	Z	-3.11	-3.11	0	%100
87	MP5A	X	0	0	0	%100
88	MP5A	Z	-3.11	-3.11	0	%100
89	MP1C	X	0	0	0	%100
90	MP1C	Z	-3.11	-3.11	0	%100
91	MP2C	X	0	0	0	%100
92	MP2C	Z	-3.11	-3.11	0	%100
93	MP3C	X	0	0	0	%100
94	MP3C	Z	-3.391	-3.391	0	%100
95	MP4C	X	0	0	0	%100
96	MP4C	Z	-3.11	-3.11	0	%100
97	MP5C	X	0	0	0	%100
98	MP5C	Z	-3.11	-3.11	0	%100
99	MP1B	X	0	0	0	%100
100	MP1B	Z	-3.11	-3.11	0	%100
101	MP2B	X	0	0	0	%100
102	MP2B	Z	-3.11	-3.11	0	%100
103	MP3B	X	0	0	0	%100
104	MP3B	Z	-3.391	-3.391	0	%100
105	MP4B	X	0	0	0	%100
106	MP4B	Z	-3.11	-3.11	0	%100
107	MP5B	X	0	0	0	%100
108	MP5B	Z	-3.11	-3.11	0	%100
109	M106	X	0	0	0	%100
110	M106	Z	-2.494	-2.494	0	%100
111	M108	X	0	0	0	%100
112	M108	Z	-2.494	-2.494	0	%100
113	M110	X	0	0	0	%100
114	M110	Z	-3.532	-3.532	0	%100
115	M116	X	0	0	0	%100
116	M116	Z	-.883	-.883	0	%100
117	M122	X	0	0	0	%100
118	M122	Z	-.883	-.883	0	%100
119	M134	X	0	0	0	%100
120	M134	Z	-3.465	-3.465	0	%100
121	M135	X	0	0	0	%100
122	M135	Z	-.866	-.866	0	%100
123	M136	X	0	0	0	%100
124	M136	Z	-.866	-.866	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	1.456	1.456	0	%100
2	M1	Z	-2.522	-2.522	0	%100
3	M4	X	.458	.458	0	%100
4	M4	Z	-.794	-.794	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,%]
5	M10	X	1.13	1.13	0	%100
6	M10	Z	-1.957	-1.957	0	%100
7	MP1A	X	1.555	1.555	0	%100
8	MP1A	Z	-2.694	-2.694	0	%100
9	M43	X	1.13	1.13	0	%100
10	M43	Z	-1.957	-1.957	0	%100
11	M46	X	1.696	1.696	0	%100
12	M46	Z	-2.938	-2.938	0	%100
13	M51B	X	1.387	1.387	0	%100
14	M51B	Z	-2.402	-2.402	0	%100
15	M52B	X	0	0	0	%100
16	M52B	Z	0	0	0	%100
17	M76	X	.56	.56	0	%100
18	M76	Z	-.971	-.971	0	%100
19	M77	X	1.705	1.705	0	%100
20	M77	Z	-2.953	-2.953	0	%100
21	M80	X	1.774	1.774	0	%100
22	M80	Z	-3.072	-3.072	0	%100
23	M84	X	.56	.56	0	%100
24	M84	Z	-.971	-.971	0	%100
25	M85	X	0	0	0	%100
26	M85	Z	0	0	0	%100
27	M91	X	0	0	0	%100
28	M91	Z	0	0	0	%100
29	M28B	X	1.456	1.456	0	%100
30	M28B	Z	-2.522	-2.522	0	%100
31	M29	X	0	0	0	%100
32	M29	Z	0	0	0	%100
33	M30	X	.458	.458	0	%100
34	M30	Z	-.794	-.794	0	%100
35	M31	X	1.13	1.13	0	%100
36	M31	Z	-1.957	-1.957	0	%100
37	M32	X	1.13	1.13	0	%100
38	M32	Z	-1.957	-1.957	0	%100
39	M33	X	1.696	1.696	0	%100
40	M33	Z	-2.938	-2.938	0	%100
41	M34	X	0	0	0	%100
42	M34	Z	0	0	0	%100
43	M35	X	1.387	1.387	0	%100
44	M35	Z	-2.402	-2.402	0	%100
45	M38	X	.56	.56	0	%100
46	M38	Z	-.971	-.971	0	%100
47	M39	X	0	0	0	%100
48	M39	Z	0	0	0	%100
49	M41	X	0	0	0	%100
50	M41	Z	0	0	0	%100
51	M43A	X	.56	.56	0	%100
52	M43A	Z	-.971	-.971	0	%100
53	M44	X	1.705	1.705	0	%100
54	M44	Z	-2.953	-2.953	0	%100
55	M46A	X	1.774	1.774	0	%100
56	M46A	Z	-3.072	-3.072	0	%100

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

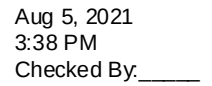
	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
57	M54	X	1.833	1.833	0	%100
58	M54	Z	-3.175	-3.175	0	%100
59	M55	X	0	0	0	%100
60	M55	Z	0	0	0	%100
61	M56	X	0	0	0	%100
62	M56	Z	0	0	0	%100
63	M57	X	0	0	0	%100
64	M57	Z	0	0	0	%100
65	M58A	X	1.387	1.387	0	%100
66	M58A	Z	-2.402	-2.402	0	%100
67	M59A	X	1.387	1.387	0	%100
68	M59A	Z	-2.402	-2.402	0	%100
69	M62	X	2.242	2.242	0	%100
70	M62	Z	-3.883	-3.883	0	%100
71	M63	X	1.705	1.705	0	%100
72	M63	Z	-2.953	-2.953	0	%100
73	M65	X	1.774	1.774	0	%100
74	M65	Z	-3.072	-3.072	0	%100
75	M67	X	2.242	2.242	0	%100
76	M67	Z	-3.883	-3.883	0	%100
77	M68	X	1.705	1.705	0	%100
78	M68	Z	-2.953	-2.953	0	%100
79	M70	X	1.774	1.774	0	%100
80	M70	Z	-3.072	-3.072	0	%100
81	MP2A	X	1.555	1.555	0	%100
82	MP2A	Z	-2.694	-2.694	0	%100
83	MP3A	X	1.695	1.695	0	%100
84	MP3A	Z	-2.936	-2.936	0	%100
85	MP4A	X	1.555	1.555	0	%100
86	MP4A	Z	-2.694	-2.694	0	%100
87	MP5A	X	1.555	1.555	0	%100
88	MP5A	Z	-2.694	-2.694	0	%100
89	MP1C	X	1.555	1.555	0	%100
90	MP1C	Z	-2.694	-2.694	0	%100
91	MP2C	X	1.555	1.555	0	%100
92	MP2C	Z	-2.694	-2.694	0	%100
93	MP3C	X	1.695	1.695	0	%100
94	MP3C	Z	-2.936	-2.936	0	%100
95	MP4C	X	1.555	1.555	0	%100
96	MP4C	Z	-2.694	-2.694	0	%100
97	MP5C	X	1.555	1.555	0	%100
98	MP5C	Z	-2.694	-2.694	0	%100
99	MP1B	X	1.555	1.555	0	%100
100	MP1B	Z	-2.694	-2.694	0	%100
101	MP2B	X	1.555	1.555	0	%100
102	MP2B	Z	-2.694	-2.694	0	%100
103	MP3B	X	1.695	1.695	0	%100
104	MP3B	Z	-2.936	-2.936	0	%100
105	MP4B	X	1.555	1.555	0	%100
106	MP4B	Z	-2.694	-2.694	0	%100
107	MP5B	X	1.555	1.555	0	%100
108	MP5B	Z	-2.694	-2.694	0	%100

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

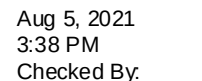
	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%)	End Location[ft,%)
109	M106	X	1.247	1.247	0	%100
110	M106	Z	-2.16	-2.16	0	%100
111	M108	X	1.247	1.247	0	%100
112	M108	Z	-2.16	-2.16	0	%100
113	M110	X	1.325	1.325	0	%100
114	M110	Z	-2.294	-2.294	0	%100
115	M116	X	1.325	1.325	0	%100
116	M116	Z	-2.294	-2.294	0	%100
117	M122	X	0	0	0	%100
118	M122	Z	0	0	0	%100
119	M134	X	1.299	1.299	0	%100
120	M134	Z	-2.251	-2.251	0	%100
121	M135	X	1.299	1.299	0	%100
122	M135	Z	-2.251	-2.251	0	%100
123	M136	X	0	0	0	%100
124	M136	Z	0	0	0	%100

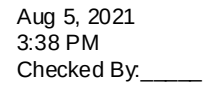
Member Distributed Loads (BLC 55 : Structure Wi (60 Deg))

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.841	.841	0	%100
2	M1	Z	-.485	-.485	0	%100
3	M4	X	2.381	2.381	0	%100
4	M4	Z	-1.375	-1.375	0	%100
5	M10	X	.652	.652	0	%100
6	M10	Z	-.377	-.377	0	%100
7	MP1A	X	2.694	2.694	0	%100
8	MP1A	Z	-1.555	-1.555	0	%100
9	M43	X	.652	.652	0	%100
10	M43	Z	-.377	-.377	0	%100
11	M46	X	.979	.979	0	%100
12	M46	Z	-.565	-.565	0	%100
13	M51B	X	3.202	3.202	0	%100
14	M51B	Z	-1.849	-1.849	0	%100
15	M52B	X	.801	.801	0	%100
16	M52B	Z	-.462	-.462	0	%100
17	M76	X	2.912	2.912	0	%100
18	M76	Z	-1.681	-1.681	0	%100
19	M77	X	3.937	3.937	0	%100
20	M77	Z	-2.273	-2.273	0	%100
21	M80	X	4.097	4.097	0	%100
22	M80	Z	-2.365	-2.365	0	%100
23	M84	X	2.912	2.912	0	%100
24	M84	Z	-1.681	-1.681	0	%100
25	M85	X	.984	.984	0	%100
26	M85	Z	-.568	-.568	0	%100
27	M91	X	1.024	1.024	0	%100
28	M91	Z	-.591	-.591	0	%100
29	M28B	X	3.362	3.362	0	%100
30	M28B	Z	-1.941	-1.941	0	%100
31	M29	X	.841	.841	0	%100
32	M29	Z	-.485	-.485	0	%100

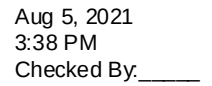


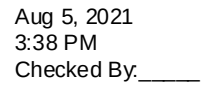
	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
33	M30	X	0	0	0	%100
34	M30	Z	0	0	0	%100
35	M31	X	2.61	2.61	0	%100
36	M31	Z	-1.507	-1.507	0	%100
37	M32	X	2.61	2.61	0	%100
38	M32	Z	-1.507	-1.507	0	%100
39	M33	X	3.917	3.917	0	%100
40	M33	Z	-2.262	-2.262	0	%100
41	M34	X	.801	.801	0	%100
42	M34	Z	-.462	-.462	0	%100
43	M35	X	.801	.801	0	%100
44	M35	Z	-.462	-.462	0	%100
45	M38	X	0	0	0	%100
46	M38	Z	0	0	0	%100
47	M39	X	.984	.984	0	%100
48	M39	Z	-.568	-.568	0	%100
49	M41	X	1.024	1.024	0	%100
50	M41	Z	-.591	-.591	0	%100
51	M43A	X	0	0	0	%100
52	M43A	Z	0	0	0	%100
53	M44	X	.984	.984	0	%100
54	M44	Z	-.568	-.568	0	%100
55	M46A	X	1.024	1.024	0	%100
56	M46A	Z	-.591	-.591	0	%100
57	M54	X	2.381	2.381	0	%100
58	M54	Z	-1.375	-1.375	0	%100
59	M55	X	.652	.652	0	%100
60	M55	Z	-.377	-.377	0	%100
61	M56	X	.652	.652	0	%100
62	M56	Z	-.377	-.377	0	%100
63	M57	X	.979	.979	0	%100
64	M57	Z	-.565	-.565	0	%100
65	M58A	X	.801	.801	0	%100
66	M58A	Z	-.462	-.462	0	%100
67	M59A	X	3.202	3.202	0	%100
68	M59A	Z	-1.849	-1.849	0	%100
69	M62	X	2.912	2.912	0	%100
70	M62	Z	-1.681	-1.681	0	%100
71	M63	X	.984	.984	0	%100
72	M63	Z	-.568	-.568	0	%100
73	M65	X	1.024	1.024	0	%100
74	M65	Z	-.591	-.591	0	%100
75	M67	X	2.912	2.912	0	%100
76	M67	Z	-1.681	-1.681	0	%100
77	M68	X	3.937	3.937	0	%100
78	M68	Z	-2.273	-2.273	0	%100
79	M70	X	4.097	4.097	0	%100
80	M70	Z	-2.365	-2.365	0	%100
81	MP2A	X	2.694	2.694	0	%100
82	MP2A	Z	-1.555	-1.555	0	%100
83	MP3A	X	2.936	2.936	0	%100
84	MP3A	Z	-1.695	-1.695	0	%100





	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
9	M43	X	0	0	0	%100
10	M43	Z	0	0	0	%100
11	M46	X	0	0	0	%100
12	M46	Z	0	0	0	%100
13	M51B	X	2.773	2.773	0	%100
14	M51B	Z	0	0	0	%100
15	M52B	X	2.773	2.773	0	%100
16	M52B	Z	0	0	0	%100
17	M76	X	4.484	4.484	0	%100
18	M76	Z	0	0	0	%100
19	M77	X	3.41	3.41	0	%100
20	M77	Z	0	0	0	%100
21	M80	X	3.548	3.548	0	%100
22	M80	Z	0	0	0	%100
23	M84	X	4.484	4.484	0	%100
24	M84	Z	0	0	0	%100
25	M85	X	3.41	3.41	0	%100
26	M85	Z	0	0	0	%100
27	M91	X	3.548	3.548	0	%100
28	M91	Z	0	0	0	%100
29	M28B	X	2.912	2.912	0	%100
30	M28B	Z	0	0	0	%100
31	M29	X	2.912	2.912	0	%100
32	M29	Z	0	0	0	%100
33	M30	X	.916	.916	0	%100
34	M30	Z	0	0	0	%100
35	M31	X	2.26	2.26	0	%100
36	M31	Z	0	0	0	%100
37	M32	X	2.26	2.26	0	%100
38	M32	Z	0	0	0	%100
39	M33	X	3.393	3.393	0	%100
40	M33	Z	0	0	0	%100
41	M34	X	2.773	2.773	0	%100
42	M34	Z	0	0	0	%100
43	M35	X	0	0	0	%100
44	M35	Z	0	0	0	%100
45	M38	X	1.121	1.121	0	%100
46	M38	Z	0	0	0	%100
47	M39	X	3.41	3.41	0	%100
48	M39	Z	0	0	0	%100
49	M41	X	3.548	3.548	0	%100
50	M41	Z	0	0	0	%100
51	M43A	X	1.121	1.121	0	%100
52	M43A	Z	0	0	0	%100
53	M44	X	0	0	0	%100
54	M44	Z	0	0	0	%100
55	M46A	X	0	0	0	%100
56	M46A	Z	0	0	0	%100
57	M54	X	.916	.916	0	%100
58	M54	Z	0	0	0	%100
59	M55	X	2.26	2.26	0	%100
60	M55	Z	0	0	0	%100



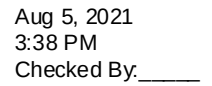


	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
113	M110	X	0	0	0	%100
114	M110	Z	0	0	0	%100
115	M116	X	2.649	2.649	0	%100
116	M116	Z	0	0	0	%100
117	M122	X	2.649	2.649	0	%100
118	M122	Z	0	0	0	%100
119	M134	X	0	0	0	%100
120	M134	Z	0	0	0	%100
121	M135	X	2.599	2.599	0	%100
122	M135	Z	0	0	0	%100
123	M136	X	2.599	2.599	0	%100
124	M136	Z	0	0	0	%100

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M1	X	.841	.841	0	%100
2	M1	Z	.485	.485	0	%100
3	M4	X	2.381	2.381	0	%100
4	M4	Z	1.375	1.375	0	%100
5	M10	X	.652	.652	0	%100
6	M10	Z	.377	.377	0	%100
7	MP1A	X	2.694	2.694	0	%100
8	MP1A	Z	1.555	1.555	0	%100
9	M43	X	.652	.652	0	%100
10	M43	Z	.377	.377	0	%100
11	M46	X	.979	.979	0	%100
12	M46	Z	.565	.565	0	%100
13	M51B	X	.801	.801	0	%100
14	M51B	Z	.462	.462	0	%100
15	M52B	X	3.202	3.202	0	%100
16	M52B	Z	1.849	1.849	0	%100
17	M76	X	2.912	2.912	0	%100
18	M76	Z	1.681	1.681	0	%100
19	M77	X	.984	.984	0	%100
20	M77	Z	.568	.568	0	%100
21	M80	X	1.024	1.024	0	%100
22	M80	Z	.591	.591	0	%100
23	M84	X	2.912	2.912	0	%100
24	M84	Z	1.681	1.681	0	%100
25	M85	X	3.937	3.937	0	%100
26	M85	Z	2.273	2.273	0	%100
27	M91	X	4.097	4.097	0	%100
28	M91	Z	2.365	2.365	0	%100
29	M28B	X	.841	.841	0	%100
30	M28B	Z	.485	.485	0	%100
31	M29	X	3.362	3.362	0	%100
32	M29	Z	1.941	1.941	0	%100
33	M30	X	2.381	2.381	0	%100
34	M30	Z	1.375	1.375	0	%100
35	M31	X	.652	.652	0	%100
36	M31	Z	.377	.377	0	%100

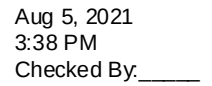
Member Distributed Loads (BLC 57 : Structure Wi (120 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
37	M32	X	.652	.652	0	%100
38	M32	Z	.377	.377	0	%100
39	M33	X	.979	.979	0	%100
40	M33	Z	.565	.565	0	%100
41	M34	X	3.202	3.202	0	%100
42	M34	Z	1.849	1.849	0	%100
43	M35	X	.801	.801	0	%100
44	M35	Z	.462	.462	0	%100
45	M38	X	2.912	2.912	0	%100
46	M38	Z	1.681	1.681	0	%100
47	M39	X	3.937	3.937	0	%100
48	M39	Z	2.273	2.273	0	%100
49	M41	X	4.097	4.097	0	%100
50	M41	Z	2.365	2.365	0	%100
51	M43A	X	2.912	2.912	0	%100
52	M43A	Z	1.681	1.681	0	%100
53	M44	X	.984	.984	0	%100
54	M44	Z	.568	.568	0	%100
55	M46A	X	1.024	1.024	0	%100
56	M46A	Z	.591	.591	0	%100
57	M54	X	0	0	0	%100
58	M54	Z	0	0	0	%100
59	M55	X	2.61	2.61	0	%100
60	M55	Z	1.507	1.507	0	%100
61	M56	X	2.61	2.61	0	%100
62	M56	Z	1.507	1.507	0	%100
63	M57	X	3.917	3.917	0	%100
64	M57	Z	2.262	2.262	0	%100
65	M58A	X	.801	.801	0	%100
66	M58A	Z	.462	.462	0	%100
67	M59A	X	.801	.801	0	%100
68	M59A	Z	.462	.462	0	%100
69	M62	X	0	0	0	%100
70	M62	Z	0	0	0	%100
71	M63	X	.984	.984	0	%100
72	M63	Z	.568	.568	0	%100
73	M65	X	1.024	1.024	0	%100
74	M65	Z	.591	.591	0	%100
75	M67	X	0	0	0	%100
76	M67	Z	0	0	0	%100
77	M68	X	.984	.984	0	%100
78	M68	Z	.568	.568	0	%100
79	M70	X	1.024	1.024	0	%100
80	M70	Z	.591	.591	0	%100
81	MP2A	X	2.694	2.694	0	%100
82	MP2A	Z	1.555	1.555	0	%100
83	MP3A	X	2.936	2.936	0	%100
84	MP3A	Z	1.695	1.695	0	%100
85	MP4A	X	2.694	2.694	0	%100
86	MP4A	Z	1.555	1.555	0	%100
87	MP5A	X	2.694	2.694	0	%100
88	MP5A	Z	1.555	1.555	0	%100

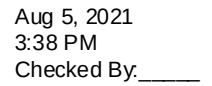


	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
89	MP1C	X	2.694	2.694	0	%100
90	MP1C	Z	1.555	1.555	0	%100
91	MP2C	X	2.694	2.694	0	%100
92	MP2C	Z	1.555	1.555	0	%100
93	MP3C	X	2.936	2.936	0	%100
94	MP3C	Z	1.695	1.695	0	%100
95	MP4C	X	2.694	2.694	0	%100
96	MP4C	Z	1.555	1.555	0	%100
97	MP5C	X	2.694	2.694	0	%100
98	MP5C	Z	1.555	1.555	0	%100
99	MP1B	X	2.694	2.694	0	%100
100	MP1B	Z	1.555	1.555	0	%100
101	MP2B	X	2.694	2.694	0	%100
102	MP2B	Z	1.555	1.555	0	%100
103	MP3B	X	2.936	2.936	0	%100
104	MP3B	Z	1.695	1.695	0	%100
105	MP4B	X	2.694	2.694	0	%100
106	MP4B	Z	1.555	1.555	0	%100
107	MP5B	X	2.694	2.694	0	%100
108	MP5B	Z	1.555	1.555	0	%100
109	M106	X	2.16	2.16	0	%100
110	M106	Z	1.247	1.247	0	%100
111	M108	X	2.16	2.16	0	%100
112	M108	Z	1.247	1.247	0	%100
113	M110	X	.765	.765	0	%100
114	M110	Z	.442	.442	0	%100
115	M116	X	.765	.765	0	%100
116	M116	Z	.442	.442	0	%100
117	M122	X	3.059	3.059	0	%100
118	M122	Z	1.766	1.766	0	%100
119	M134	X	.75	.75	0	%100
120	M134	Z	.433	.433	0	%100
121	M135	X	.75	.75	0	%100
122	M135	Z	.433	.433	0	%100
123	M136	X	3.001	3.001	0	%100
124	M136	Z	1.733	1.733	0	%100

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M1	X	1.456	1.456	0	%100
2	M1	Z	2.522	2.522	0	%100
3	M4	X	.458	.458	0	%100
4	M4	Z	.794	.794	0	%100
5	M10	X	1.13	1.13	0	%100
6	M10	Z	1.957	1.957	0	%100
7	MP1A	X	1.555	1.555	0	%100
8	MP1A	Z	2.694	2.694	0	%100
9	M43	X	1.13	1.13	0	%100
10	M43	Z	1.957	1.957	0	%100
11	M46	X	1.696	1.696	0	%100
12	M46	Z	2.938	2.938	0	%100



	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
13	M51B	X	0	0	0	%100
14	M51B	Z	0	0	0	%100
15	M52B	X	1.387	1.387	0	%100
16	M52B	Z	2.402	2.402	0	%100
17	M76	X	.56	.56	0	%100
18	M76	Z	.971	.971	0	%100
19	M77	X	0	0	0	%100
20	M77	Z	0	0	0	%100
21	M80	X	0	0	0	%100
22	M80	Z	0	0	0	%100
23	M84	X	.56	.56	0	%100
24	M84	Z	.971	.971	0	%100
25	M85	X	1.705	1.705	0	%100
26	M85	Z	2.953	2.953	0	%100
27	M91	X	1.774	1.774	0	%100
28	M91	Z	3.072	3.072	0	%100
29	M28B	X	0	0	0	%100
30	M28B	Z	0	0	0	%100
31	M29	X	1.456	1.456	0	%100
32	M29	Z	2.522	2.522	0	%100
33	M30	X	1.833	1.833	0	%100
34	M30	Z	3.175	3.175	0	%100
35	M31	X	0	0	0	%100
36	M31	Z	0	0	0	%100
37	M32	X	0	0	0	%100
38	M32	Z	0	0	0	%100
39	M33	X	0	0	0	%100
40	M33	Z	0	0	0	%100
41	M34	X	1.387	1.387	0	%100
42	M34	Z	2.402	2.402	0	%100
43	M35	X	1.387	1.387	0	%100
44	M35	Z	2.402	2.402	0	%100
45	M38	X	2.242	2.242	0	%100
46	M38	Z	3.883	3.883	0	%100
47	M39	X	1.705	1.705	0	%100
48	M39	Z	2.953	2.953	0	%100
49	M41	X	1.774	1.774	0	%100
50	M41	Z	3.072	3.072	0	%100
51	M43A	X	2.242	2.242	0	%100
52	M43A	Z	3.883	3.883	0	%100
53	M44	X	1.705	1.705	0	%100
54	M44	Z	2.953	2.953	0	%100
55	M46A	X	1.774	1.774	0	%100
56	M46A	Z	3.072	3.072	0	%100
57	M54	X	.458	.458	0	%100
58	M54	Z	.794	.794	0	%100
59	M55	X	1.13	1.13	0	%100
60	M55	Z	1.957	1.957	0	%100
61	M56	X	1.13	1.13	0	%100
62	M56	Z	1.957	1.957	0	%100
63	M57	X	1.696	1.696	0	%100
64	M57	Z	2.938	2.938	0	%100



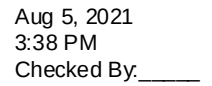
	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
65	M58A	X	1.387	1.387	0	%100
66	M58A	Z	2.402	2.402	0	%100
67	M59A	X	0	0	0	%100
68	M59A	Z	0	0	0	%100
69	M62	X	.56	.56	0	%100
70	M62	Z	.971	.971	0	%100
71	M63	X	1.705	1.705	0	%100
72	M63	Z	2.953	2.953	0	%100
73	M65	X	1.774	1.774	0	%100
74	M65	Z	3.072	3.072	0	%100
75	M67	X	.56	.56	0	%100
76	M67	Z	.971	.971	0	%100
77	M68	X	0	0	0	%100
78	M68	Z	0	0	0	%100
79	M70	X	0	0	0	%100
80	M70	Z	0	0	0	%100
81	MP2A	X	1.555	1.555	0	%100
82	MP2A	Z	2.694	2.694	0	%100
83	MP3A	X	1.695	1.695	0	%100
84	MP3A	Z	2.936	2.936	0	%100
85	MP4A	X	1.555	1.555	0	%100
86	MP4A	Z	2.694	2.694	0	%100
87	MP5A	X	1.555	1.555	0	%100
88	MP5A	Z	2.694	2.694	0	%100
89	MP1C	X	1.555	1.555	0	%100
90	MP1C	Z	2.694	2.694	0	%100
91	MP2C	X	1.555	1.555	0	%100
92	MP2C	Z	2.694	2.694	0	%100
93	MP3C	X	1.695	1.695	0	%100
94	MP3C	Z	2.936	2.936	0	%100
95	MP4C	X	1.555	1.555	0	%100
96	MP4C	Z	2.694	2.694	0	%100
97	MP5C	X	1.555	1.555	0	%100
98	MP5C	Z	2.694	2.694	0	%100
99	MP1B	X	1.555	1.555	0	%100
100	MP1B	Z	2.694	2.694	0	%100
101	MP2B	X	1.555	1.555	0	%100
102	MP2B	Z	2.694	2.694	0	%100
103	MP3B	X	1.695	1.695	0	%100
104	MP3B	Z	2.936	2.936	0	%100
105	MP4B	X	1.555	1.555	0	%100
106	MP4B	Z	2.694	2.694	0	%100
107	MP5B	X	1.555	1.555	0	%100
108	MP5B	Z	2.694	2.694	0	%100
109	M106	X	1.247	1.247	0	%100
110	M106	Z	2.16	2.16	0	%100
111	M108	X	1.247	1.247	0	%100
112	M108	Z	2.16	2.16	0	%100
113	M110	X	1.325	1.325	0	%100
114	M110	Z	2.294	2.294	0	%100
115	M116	X	0	0	0	%100
116	M116	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
117	M122	X	1.325	1.325	0	%100
118	M122	Z	2.294	2.294	0	%100
119	M134	X	1.299	1.299	0	%100
120	M134	Z	2.251	2.251	0	%100
121	M135	X	0	0	0	%100
122	M135	Z	0	0	0	%100
123	M136	X	1.299	1.299	0	%100
124	M136	Z	2.251	2.251	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M1	X	0	0	0	%100
2	M1	Z	3.883	3.883	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	3.014	3.014	0	%100
7	MP1A	X	0	0	0	%100
8	MP1A	Z	3.11	3.11	0	%100
9	M43	X	0	0	0	%100
10	M43	Z	3.014	3.014	0	%100
11	M46	X	0	0	0	%100
12	M46	Z	4.523	4.523	0	%100
13	M51B	X	0	0	0	%100
14	M51B	Z	.924	.924	0	%100
15	M52B	X	0	0	0	%100
16	M52B	Z	.924	.924	0	%100
17	M76	X	0	0	0	%100
18	M76	Z	0	0	0	%100
19	M77	X	0	0	0	%100
20	M77	Z	1.137	1.137	0	%100
21	M80	X	0	0	0	%100
22	M80	Z	1.183	1.183	0	%100
23	M84	X	0	0	0	%100
24	M84	Z	0	0	0	%100
25	M85	X	0	0	0	%100
26	M85	Z	1.137	1.137	0	%100
27	M91	X	0	0	0	%100
28	M91	Z	1.183	1.183	0	%100
29	M28B	X	0	0	0	%100
30	M28B	Z	.971	.971	0	%100
31	M29	X	0	0	0	%100
32	M29	Z	.971	.971	0	%100
33	M30	X	0	0	0	%100
34	M30	Z	2.749	2.749	0	%100
35	M31	X	0	0	0	%100
36	M31	Z	.753	.753	0	%100
37	M32	X	0	0	0	%100
38	M32	Z	.753	.753	0	%100
39	M33	X	0	0	0	%100
40	M33	Z	1.131	1.131	0	%100



	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
41	M34	X	0	0	0	%100
42	M34	Z	.924	.924	0	%100
43	M35	X	0	0	0	%100
44	M35	Z	3.698	3.698	0	%100
45	M38	X	0	0	0	%100
46	M38	Z	3.363	3.363	0	%100
47	M39	X	0	0	0	%100
48	M39	Z	1.137	1.137	0	%100
49	M41	X	0	0	0	%100
50	M41	Z	1.183	1.183	0	%100
51	M43A	X	0	0	0	%100
52	M43A	Z	3.363	3.363	0	%100
53	M44	X	0	0	0	%100
54	M44	Z	4.546	4.546	0	%100
55	M46A	X	0	0	0	%100
56	M46A	Z	4.73	4.73	0	%100
57	M54	X	0	0	0	%100
58	M54	Z	2.749	2.749	0	%100
59	M55	X	0	0	0	%100
60	M55	Z	.753	.753	0	%100
61	M56	X	0	0	0	%100
62	M56	Z	.753	.753	0	%100
63	M57	X	0	0	0	%100
64	M57	Z	1.131	1.131	0	%100
65	M58A	X	0	0	0	%100
66	M58A	Z	3.698	3.698	0	%100
67	M59A	X	0	0	0	%100
68	M59A	Z	.924	.924	0	%100
69	M62	X	0	0	0	%100
70	M62	Z	3.363	3.363	0	%100
71	M63	X	0	0	0	%100
72	M63	Z	4.546	4.546	0	%100
73	M65	X	0	0	0	%100
74	M65	Z	4.73	4.73	0	%100
75	M67	X	0	0	0	%100
76	M67	Z	3.363	3.363	0	%100
77	M68	X	0	0	0	%100
78	M68	Z	1.137	1.137	0	%100
79	M70	X	0	0	0	%100
80	M70	Z	1.183	1.183	0	%100
81	MP2A	X	0	0	0	%100
82	MP2A	Z	3.11	3.11	0	%100
83	MP3A	X	0	0	0	%100
84	MP3A	Z	3.391	3.391	0	%100
85	MP4A	X	0	0	0	%100
86	MP4A	Z	3.11	3.11	0	%100
87	MP5A	X	0	0	0	%100
88	MP5A	Z	3.11	3.11	0	%100
89	MP1C	X	0	0	0	%100
90	MP1C	Z	3.11	3.11	0	%100
91	MP2C	X	0	0	0	%100
92	MP2C	Z	3.11	3.11	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,%]
93	MP3C	X	0	0	0	%100
94	MP3C	Z	3.391	3.391	0	%100
95	MP4C	X	0	0	0	%100
96	MP4C	Z	3.11	3.11	0	%100
97	MP5C	X	0	0	0	%100
98	MP5C	Z	3.11	3.11	0	%100
99	MP1B	X	0	0	0	%100
100	MP1B	Z	3.11	3.11	0	%100
101	MP2B	X	0	0	0	%100
102	MP2B	Z	3.11	3.11	0	%100
103	MP3B	X	0	0	0	%100
104	MP3B	Z	3.391	3.391	0	%100
105	MP4B	X	0	0	0	%100
106	MP4B	Z	3.11	3.11	0	%100
107	MP5B	X	0	0	0	%100
108	MP5B	Z	3.11	3.11	0	%100
109	M106	X	0	0	0	%100
110	M106	Z	2.494	2.494	0	%100
111	M108	X	0	0	0	%100
112	M108	Z	2.494	2.494	0	%100
113	M110	X	0	0	0	%100
114	M110	Z	3.532	3.532	0	%100
115	M116	X	0	0	0	%100
116	M116	Z	.883	.883	0	%100
117	M122	X	0	0	0	%100
118	M122	Z	.883	.883	0	%100
119	M134	X	0	0	0	%100
120	M134	Z	3.465	3.465	0	%100
121	M135	X	0	0	0	%100
122	M135	Z	.866	.866	0	%100
123	M136	X	0	0	0	%100
124	M136	Z	.866	.866	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M1	X	-1.456	-1.456	0	%100
2	M1	Z	2.522	2.522	0	%100
3	M4	X	-.458	-.458	0	%100
4	M4	Z	.794	.794	0	%100
5	M10	X	-1.13	-1.13	0	%100
6	M10	Z	1.957	1.957	0	%100
7	MP1A	X	-1.555	-1.555	0	%100
8	MP1A	Z	2.694	2.694	0	%100
9	M43	X	-1.13	-1.13	0	%100
10	M43	Z	1.957	1.957	0	%100
11	M46	X	-1.696	-1.696	0	%100
12	M46	Z	2.938	2.938	0	%100
13	M51B	X	-1.387	-1.387	0	%100
14	M51B	Z	2.402	2.402	0	%100
15	M52B	X	0	0	0	%100
16	M52B	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
17	M76	X	- .56	- .56	0	%100
18	M76	Z	.971	.971	0	%100
19	M77	X	-1.705	-1.705	0	%100
20	M77	Z	2.953	2.953	0	%100
21	M80	X	-1.774	-1.774	0	%100
22	M80	Z	3.072	3.072	0	%100
23	M84	X	- .56	- .56	0	%100
24	M84	Z	.971	.971	0	%100
25	M85	X	0	0	0	%100
26	M85	Z	0	0	0	%100
27	M91	X	0	0	0	%100
28	M91	Z	0	0	0	%100
29	M28B	X	-1.456	-1.456	0	%100
30	M28B	Z	2.522	2.522	0	%100
31	M29	X	0	0	0	%100
32	M29	Z	0	0	0	%100
33	M30	X	- .458	- .458	0	%100
34	M30	Z	.794	.794	0	%100
35	M31	X	-1.13	-1.13	0	%100
36	M31	Z	1.957	1.957	0	%100
37	M32	X	-1.13	-1.13	0	%100
38	M32	Z	1.957	1.957	0	%100
39	M33	X	-1.696	-1.696	0	%100
40	M33	Z	2.938	2.938	0	%100
41	M34	X	0	0	0	%100
42	M34	Z	0	0	0	%100
43	M35	X	-1.387	-1.387	0	%100
44	M35	Z	2.402	2.402	0	%100
45	M38	X	- .56	- .56	0	%100
46	M38	Z	.971	.971	0	%100
47	M39	X	0	0	0	%100
48	M39	Z	0	0	0	%100
49	M41	X	0	0	0	%100
50	M41	Z	0	0	0	%100
51	M43A	X	- .56	- .56	0	%100
52	M43A	Z	.971	.971	0	%100
53	M44	X	-1.705	-1.705	0	%100
54	M44	Z	2.953	2.953	0	%100
55	M46A	X	-1.774	-1.774	0	%100
56	M46A	Z	3.072	3.072	0	%100
57	M54	X	-1.833	-1.833	0	%100
58	M54	Z	3.175	3.175	0	%100
59	M55	X	0	0	0	%100
60	M55	Z	0	0	0	%100
61	M56	X	0	0	0	%100
62	M56	Z	0	0	0	%100
63	M57	X	0	0	0	%100
64	M57	Z	0	0	0	%100
65	M58A	X	-1.387	-1.387	0	%100
66	M58A	Z	2.402	2.402	0	%100
67	M59A	X	-1.387	-1.387	0	%100
68	M59A	Z	2.402	2.402	0	%100

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

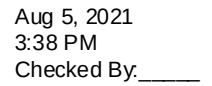
	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
69	M62	X	-2.242	-2.242	0	%100
70	M62	Z	3.883	3.883	0	%100
71	M63	X	-1.705	-1.705	0	%100
72	M63	Z	2.953	2.953	0	%100
73	M65	X	-1.774	-1.774	0	%100
74	M65	Z	3.072	3.072	0	%100
75	M67	X	-2.242	-2.242	0	%100
76	M67	Z	3.883	3.883	0	%100
77	M68	X	-1.705	-1.705	0	%100
78	M68	Z	2.953	2.953	0	%100
79	M70	X	-1.774	-1.774	0	%100
80	M70	Z	3.072	3.072	0	%100
81	MP2A	X	-1.555	-1.555	0	%100
82	MP2A	Z	2.694	2.694	0	%100
83	MP3A	X	-1.695	-1.695	0	%100
84	MP3A	Z	2.936	2.936	0	%100
85	MP4A	X	-1.555	-1.555	0	%100
86	MP4A	Z	2.694	2.694	0	%100
87	MP5A	X	-1.555	-1.555	0	%100
88	MP5A	Z	2.694	2.694	0	%100
89	MP1C	X	-1.555	-1.555	0	%100
90	MP1C	Z	2.694	2.694	0	%100
91	MP2C	X	-1.555	-1.555	0	%100
92	MP2C	Z	2.694	2.694	0	%100
93	MP3C	X	-1.695	-1.695	0	%100
94	MP3C	Z	2.936	2.936	0	%100
95	MP4C	X	-1.555	-1.555	0	%100
96	MP4C	Z	2.694	2.694	0	%100
97	MP5C	X	-1.555	-1.555	0	%100
98	MP5C	Z	2.694	2.694	0	%100
99	MP1B	X	-1.555	-1.555	0	%100
100	MP1B	Z	2.694	2.694	0	%100
101	MP2B	X	-1.555	-1.555	0	%100
102	MP2B	Z	2.694	2.694	0	%100
103	MP3B	X	-1.695	-1.695	0	%100
104	MP3B	Z	2.936	2.936	0	%100
105	MP4B	X	-1.555	-1.555	0	%100
106	MP4B	Z	2.694	2.694	0	%100
107	MP5B	X	-1.555	-1.555	0	%100
108	MP5B	Z	2.694	2.694	0	%100
109	M106	X	-1.247	-1.247	0	%100
110	M106	Z	2.16	2.16	0	%100
111	M108	X	-1.247	-1.247	0	%100
112	M108	Z	2.16	2.16	0	%100
113	M110	X	-1.325	-1.325	0	%100
114	M110	Z	2.294	2.294	0	%100
115	M116	X	-1.325	-1.325	0	%100
116	M116	Z	2.294	2.294	0	%100
117	M122	X	0	0	0	%100
118	M122	Z	0	0	0	%100
119	M134	X	-1.299	-1.299	0	%100
120	M134	Z	2.251	2.251	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
121	M135	X	-1.299	-1.299	0	%100
122	M135	Z	2.251	2.251	0	%100
123	M136	X	0	0	0	%100
124	M136	Z	0	0	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	-.841	-.841	0	%100
2	M1	Z	.485	.485	0	%100
3	M4	X	-2.381	-2.381	0	%100
4	M4	Z	1.375	1.375	0	%100
5	M10	X	-.652	-.652	0	%100
6	M10	Z	.377	.377	0	%100
7	MP1A	X	-2.694	-2.694	0	%100
8	MP1A	Z	1.555	1.555	0	%100
9	M43	X	-.652	-.652	0	%100
10	M43	Z	.377	.377	0	%100
11	M46	X	-.979	-.979	0	%100
12	M46	Z	.565	.565	0	%100
13	M51B	X	-3.202	-3.202	0	%100
14	M51B	Z	1.849	1.849	0	%100
15	M52B	X	-.801	-.801	0	%100
16	M52B	Z	.462	.462	0	%100
17	M76	X	-2.912	-2.912	0	%100
18	M76	Z	1.681	1.681	0	%100
19	M77	X	-3.937	-3.937	0	%100
20	M77	Z	2.273	2.273	0	%100
21	M80	X	-4.097	-4.097	0	%100
22	M80	Z	2.365	2.365	0	%100
23	M84	X	-2.912	-2.912	0	%100
24	M84	Z	1.681	1.681	0	%100
25	M85	X	-.984	-.984	0	%100
26	M85	Z	.568	.568	0	%100
27	M91	X	-1.024	-1.024	0	%100
28	M91	Z	.591	.591	0	%100
29	M28B	X	-3.362	-3.362	0	%100
30	M28B	Z	1.941	1.941	0	%100
31	M29	X	-.841	-.841	0	%100
32	M29	Z	.485	.485	0	%100
33	M30	X	0	0	0	%100
34	M30	Z	0	0	0	%100
35	M31	X	-2.61	-2.61	0	%100
36	M31	Z	1.507	1.507	0	%100
37	M32	X	-2.61	-2.61	0	%100
38	M32	Z	1.507	1.507	0	%100
39	M33	X	-3.917	-3.917	0	%100
40	M33	Z	2.262	2.262	0	%100
41	M34	X	-.801	-.801	0	%100
42	M34	Z	.462	.462	0	%100
43	M35	X	-.801	-.801	0	%100
44	M35	Z	.462	.462	0	%100



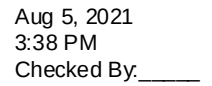
	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
45	M38	X	0	0	0	%100
46	M38	Z	0	0	0	%100
47	M39	X	-.984	-.984	0	%100
48	M39	Z	.568	.568	0	%100
49	M41	X	-1.024	-1.024	0	%100
50	M41	Z	.591	.591	0	%100
51	M43A	X	0	0	0	%100
52	M43A	Z	0	0	0	%100
53	M44	X	-.984	-.984	0	%100
54	M44	Z	.568	.568	0	%100
55	M46A	X	-1.024	-1.024	0	%100
56	M46A	Z	.591	.591	0	%100
57	M54	X	-2.381	-2.381	0	%100
58	M54	Z	1.375	1.375	0	%100
59	M55	X	-.652	-.652	0	%100
60	M55	Z	.377	.377	0	%100
61	M56	X	-.652	-.652	0	%100
62	M56	Z	.377	.377	0	%100
63	M57	X	-.979	-.979	0	%100
64	M57	Z	.565	.565	0	%100
65	M58A	X	-.801	-.801	0	%100
66	M58A	Z	.462	.462	0	%100
67	M59A	X	-3.202	-3.202	0	%100
68	M59A	Z	1.849	1.849	0	%100
69	M62	X	-2.912	-2.912	0	%100
70	M62	Z	1.681	1.681	0	%100
71	M63	X	-.984	-.984	0	%100
72	M63	Z	.568	.568	0	%100
73	M65	X	-1.024	-1.024	0	%100
74	M65	Z	.591	.591	0	%100
75	M67	X	-2.912	-2.912	0	%100
76	M67	Z	1.681	1.681	0	%100
77	M68	X	-3.937	-3.937	0	%100
78	M68	Z	2.273	2.273	0	%100
79	M70	X	-4.097	-4.097	0	%100
80	M70	Z	2.365	2.365	0	%100
81	MP2A	X	-2.694	-2.694	0	%100
82	MP2A	Z	1.555	1.555	0	%100
83	MP3A	X	-2.936	-2.936	0	%100
84	MP3A	Z	1.695	1.695	0	%100
85	MP4A	X	-2.694	-2.694	0	%100
86	MP4A	Z	1.555	1.555	0	%100
87	MP5A	X	-2.694	-2.694	0	%100
88	MP5A	Z	1.555	1.555	0	%100
89	MP1C	X	-2.694	-2.694	0	%100
90	MP1C	Z	1.555	1.555	0	%100
91	MP2C	X	-2.694	-2.694	0	%100
92	MP2C	Z	1.555	1.555	0	%100
93	MP3C	X	-2.936	-2.936	0	%100
94	MP3C	Z	1.695	1.695	0	%100
95	MP4C	X	-2.694	-2.694	0	%100
96	MP4C	Z	1.555	1.555	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
97	MP5C	X	-2.694	-2.694	0	%100
98	MP5C	Z	1.555	1.555	0	%100
99	MP1B	X	-2.694	-2.694	0	%100
100	MP1B	Z	1.555	1.555	0	%100
101	MP2B	X	-2.694	-2.694	0	%100
102	MP2B	Z	1.555	1.555	0	%100
103	MP3B	X	-2.936	-2.936	0	%100
104	MP3B	Z	1.695	1.695	0	%100
105	MP4B	X	-2.694	-2.694	0	%100
106	MP4B	Z	1.555	1.555	0	%100
107	MP5B	X	-2.694	-2.694	0	%100
108	MP5B	Z	1.555	1.555	0	%100
109	M106	X	-2.16	-2.16	0	%100
110	M106	Z	1.247	1.247	0	%100
111	M108	X	-2.16	-2.16	0	%100
112	M108	Z	1.247	1.247	0	%100
113	M110	X	-.765	-.765	0	%100
114	M110	Z	.442	.442	0	%100
115	M116	X	-3.059	-3.059	0	%100
116	M116	Z	1.766	1.766	0	%100
117	M122	X	-.765	-.765	0	%100
118	M122	Z	.442	.442	0	%100
119	M134	X	-.75	-.75	0	%100
120	M134	Z	.433	.433	0	%100
121	M135	X	-3.001	-3.001	0	%100
122	M135	Z	1.733	1.733	0	%100
123	M136	X	-.75	-.75	0	%100
124	M136	Z	.433	.433	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	-3.666	-3.666	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	MP1A	X	-3.11	-3.11	0	%100
8	MP1A	Z	0	0	0	%100
9	M43	X	0	0	0	%100
10	M43	Z	0	0	0	%100
11	M46	X	0	0	0	%100
12	M46	Z	0	0	0	%100
13	M51B	X	-2.773	-2.773	0	%100
14	M51B	Z	0	0	0	%100
15	M52B	X	-2.773	-2.773	0	%100
16	M52B	Z	0	0	0	%100
17	M76	X	-4.484	-4.484	0	%100
18	M76	Z	0	0	0	%100
19	M77	X	-3.41	-3.41	0	%100
20	M77	Z	0	0	0	%100



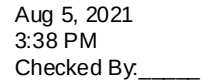
	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
21	M80	X	-3.548	-3.548	0	%100
22	M80	Z	0	0	0	%100
23	M84	X	-4.484	-4.484	0	%100
24	M84	Z	0	0	0	%100
25	M85	X	-3.41	-3.41	0	%100
26	M85	Z	0	0	0	%100
27	M91	X	-3.548	-3.548	0	%100
28	M91	Z	0	0	0	%100
29	M28B	X	-2.912	-2.912	0	%100
30	M28B	Z	0	0	0	%100
31	M29	X	-2.912	-2.912	0	%100
32	M29	Z	0	0	0	%100
33	M30	X	-.916	-.916	0	%100
34	M30	Z	0	0	0	%100
35	M31	X	-2.26	-2.26	0	%100
36	M31	Z	0	0	0	%100
37	M32	X	-2.26	-2.26	0	%100
38	M32	Z	0	0	0	%100
39	M33	X	-3.393	-3.393	0	%100
40	M33	Z	0	0	0	%100
41	M34	X	-2.773	-2.773	0	%100
42	M34	Z	0	0	0	%100
43	M35	X	0	0	0	%100
44	M35	Z	0	0	0	%100
45	M38	X	-1.121	-1.121	0	%100
46	M38	Z	0	0	0	%100
47	M39	X	-3.41	-3.41	0	%100
48	M39	Z	0	0	0	%100
49	M41	X	-3.548	-3.548	0	%100
50	M41	Z	0	0	0	%100
51	M43A	X	-1.121	-1.121	0	%100
52	M43A	Z	0	0	0	%100
53	M44	X	0	0	0	%100
54	M44	Z	0	0	0	%100
55	M46A	X	0	0	0	%100
56	M46A	Z	0	0	0	%100
57	M54	X	-.916	-.916	0	%100
58	M54	Z	0	0	0	%100
59	M55	X	-2.26	-2.26	0	%100
60	M55	Z	0	0	0	%100
61	M56	X	-2.26	-2.26	0	%100
62	M56	Z	0	0	0	%100
63	M57	X	-3.393	-3.393	0	%100
64	M57	Z	0	0	0	%100
65	M58A	X	0	0	0	%100
66	M58A	Z	0	0	0	%100
67	M59A	X	-2.773	-2.773	0	%100
68	M59A	Z	0	0	0	%100
69	M62	X	-1.121	-1.121	0	%100
70	M62	Z	0	0	0	%100
71	M63	X	0	0	0	%100
72	M63	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
73	M65	X	0	0	0	%100
74	M65	Z	0	0	0	%100
75	M67	X	-1.121	-1.121	0	%100
76	M67	Z	0	0	0	%100
77	M68	X	-3.41	-3.41	0	%100
78	M68	Z	0	0	0	%100
79	M70	X	-3.548	-3.548	0	%100
80	M70	Z	0	0	0	%100
81	MP2A	X	-3.11	-3.11	0	%100
82	MP2A	Z	0	0	0	%100
83	MP3A	X	-3.391	-3.391	0	%100
84	MP3A	Z	0	0	0	%100
85	MP4A	X	-3.11	-3.11	0	%100
86	MP4A	Z	0	0	0	%100
87	MP5A	X	-3.11	-3.11	0	%100
88	MP5A	Z	0	0	0	%100
89	MP1C	X	-3.11	-3.11	0	%100
90	MP1C	Z	0	0	0	%100
91	MP2C	X	-3.11	-3.11	0	%100
92	MP2C	Z	0	0	0	%100
93	MP3C	X	-3.391	-3.391	0	%100
94	MP3C	Z	0	0	0	%100
95	MP4C	X	-3.11	-3.11	0	%100
96	MP4C	Z	0	0	0	%100
97	MP5C	X	-3.11	-3.11	0	%100
98	MP5C	Z	0	0	0	%100
99	MP1B	X	-3.11	-3.11	0	%100
100	MP1B	Z	0	0	0	%100
101	MP2B	X	-3.11	-3.11	0	%100
102	MP2B	Z	0	0	0	%100
103	MP3B	X	-3.391	-3.391	0	%100
104	MP3B	Z	0	0	0	%100
105	MP4B	X	-3.11	-3.11	0	%100
106	MP4B	Z	0	0	0	%100
107	MP5B	X	-3.11	-3.11	0	%100
108	MP5B	Z	0	0	0	%100
109	M106	X	-2.494	-2.494	0	%100
110	M106	Z	0	0	0	%100
111	M108	X	-2.494	-2.494	0	%100
112	M108	Z	0	0	0	%100
113	M110	X	0	0	0	%100
114	M110	Z	0	0	0	%100
115	M116	X	-2.649	-2.649	0	%100
116	M116	Z	0	0	0	%100
117	M122	X	-2.649	-2.649	0	%100
118	M122	Z	0	0	0	%100
119	M134	X	0	0	0	%100
120	M134	Z	0	0	0	%100
121	M135	X	-2.599	-2.599	0	%100
122	M135	Z	0	0	0	%100
123	M136	X	-2.599	-2.599	0	%100
124	M136	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	- .841	- .841	0	%100
2	M1	Z	- .485	- .485	0	%100
3	M4	X	-2.381	-2.381	0	%100
4	M4	Z	-1.375	-1.375	0	%100
5	M10	X	- .652	- .652	0	%100
6	M10	Z	- .377	- .377	0	%100
7	MP1A	X	-2.694	-2.694	0	%100
8	MP1A	Z	-1.555	-1.555	0	%100
9	M43	X	- .652	- .652	0	%100
10	M43	Z	- .377	- .377	0	%100
11	M46	X	- .979	- .979	0	%100
12	M46	Z	- .565	- .565	0	%100
13	M51B	X	- .801	- .801	0	%100
14	M51B	Z	- .462	- .462	0	%100
15	M52B	X	-3.202	-3.202	0	%100
16	M52B	Z	-1.849	-1.849	0	%100
17	M76	X	-2.912	-2.912	0	%100
18	M76	Z	-1.681	-1.681	0	%100
19	M77	X	- .984	- .984	0	%100
20	M77	Z	- .568	- .568	0	%100
21	M80	X	-1.024	-1.024	0	%100
22	M80	Z	- .591	- .591	0	%100
23	M84	X	-2.912	-2.912	0	%100
24	M84	Z	-1.681	-1.681	0	%100
25	M85	X	-3.937	-3.937	0	%100
26	M85	Z	-2.273	-2.273	0	%100
27	M91	X	-4.097	-4.097	0	%100
28	M91	Z	-2.365	-2.365	0	%100
29	M28B	X	- .841	- .841	0	%100
30	M28B	Z	- .485	- .485	0	%100
31	M29	X	-3.362	-3.362	0	%100
32	M29	Z	-1.941	-1.941	0	%100
33	M30	X	-2.381	-2.381	0	%100
34	M30	Z	-1.375	-1.375	0	%100
35	M31	X	- .652	- .652	0	%100
36	M31	Z	- .377	- .377	0	%100
37	M32	X	- .652	- .652	0	%100
38	M32	Z	- .377	- .377	0	%100
39	M33	X	- .979	- .979	0	%100
40	M33	Z	- .565	- .565	0	%100
41	M34	X	-3.202	-3.202	0	%100
42	M34	Z	-1.849	-1.849	0	%100
43	M35	X	- .801	- .801	0	%100
44	M35	Z	- .462	- .462	0	%100
45	M38	X	-2.912	-2.912	0	%100
46	M38	Z	-1.681	-1.681	0	%100
47	M39	X	-3.937	-3.937	0	%100
48	M39	Z	-2.273	-2.273	0	%100
49	M41	X	-4.097	-4.097	0	%100
50	M41	Z	-2.365	-2.365	0	%100
51	M43A	X	-2.912	-2.912	0	%100
52	M43A	Z	-1.681	-1.681	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,%]
105	MP4B	X	-2.694	-2.694	0	%100
106	MP4B	Z	-1.555	-1.555	0	%100
107	MP5B	X	-2.694	-2.694	0	%100
108	MP5B	Z	-1.555	-1.555	0	%100
109	M106	X	-2.16	-2.16	0	%100
110	M106	Z	-1.247	-1.247	0	%100
111	M108	X	-2.16	-2.16	0	%100
112	M108	Z	-1.247	-1.247	0	%100
113	M110	X	-.765	-.765	0	%100
114	M110	Z	-.442	-.442	0	%100
115	M116	X	-.765	-.765	0	%100
116	M116	Z	-.442	-.442	0	%100
117	M122	X	-3.059	-3.059	0	%100
118	M122	Z	-1.766	-1.766	0	%100
119	M134	X	-.75	-.75	0	%100
120	M134	Z	-.433	-.433	0	%100
121	M135	X	-.75	-.75	0	%100
122	M135	Z	-.433	-.433	0	%100
123	M136	X	-3.001	-3.001	0	%100
124	M136	Z	-1.733	-1.733	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-1.456	-1.456	0	%100
2	M1	Z	-2.522	-2.522	0	%100
3	M4	X	-.458	-.458	0	%100
4	M4	Z	-.794	-.794	0	%100
5	M10	X	-1.13	-1.13	0	%100
6	M10	Z	-1.957	-1.957	0	%100
7	MP1A	X	-1.555	-1.555	0	%100
8	MP1A	Z	-2.694	-2.694	0	%100
9	M43	X	-1.13	-1.13	0	%100
10	M43	Z	-1.957	-1.957	0	%100
11	M46	X	-1.696	-1.696	0	%100
12	M46	Z	-2.938	-2.938	0	%100
13	M51B	X	0	0	0	%100
14	M51B	Z	0	0	0	%100
15	M52B	X	-1.387	-1.387	0	%100
16	M52B	Z	-2.402	-2.402	0	%100
17	M76	X	-.56	-.56	0	%100
18	M76	Z	-.971	-.971	0	%100
19	M77	X	0	0	0	%100
20	M77	Z	0	0	0	%100
21	M80	X	0	0	0	%100
22	M80	Z	0	0	0	%100
23	M84	X	-.56	-.56	0	%100
24	M84	Z	-.971	-.971	0	%100
25	M85	X	-1.705	-1.705	0	%100
26	M85	Z	-2.953	-2.953	0	%100
27	M91	X	-1.774	-1.774	0	%100
28	M91	Z	-3.072	-3.072	0	%100

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

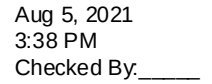
	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
29	M28B	X	0	0	0	%100
30	M28B	Z	0	0	0	%100
31	M29	X	-1.456	-1.456	0	%100
32	M29	Z	-2.522	-2.522	0	%100
33	M30	X	-1.833	-1.833	0	%100
34	M30	Z	-3.175	-3.175	0	%100
35	M31	X	0	0	0	%100
36	M31	Z	0	0	0	%100
37	M32	X	0	0	0	%100
38	M32	Z	0	0	0	%100
39	M33	X	0	0	0	%100
40	M33	Z	0	0	0	%100
41	M34	X	-1.387	-1.387	0	%100
42	M34	Z	-2.402	-2.402	0	%100
43	M35	X	-1.387	-1.387	0	%100
44	M35	Z	-2.402	-2.402	0	%100
45	M38	X	-2.242	-2.242	0	%100
46	M38	Z	-3.883	-3.883	0	%100
47	M39	X	-1.705	-1.705	0	%100
48	M39	Z	-2.953	-2.953	0	%100
49	M41	X	-1.774	-1.774	0	%100
50	M41	Z	-3.072	-3.072	0	%100
51	M43A	X	-2.242	-2.242	0	%100
52	M43A	Z	-3.883	-3.883	0	%100
53	M44	X	-1.705	-1.705	0	%100
54	M44	Z	-2.953	-2.953	0	%100
55	M46A	X	-1.774	-1.774	0	%100
56	M46A	Z	-3.072	-3.072	0	%100
57	M54	X	-.458	-.458	0	%100
58	M54	Z	-.794	-.794	0	%100
59	M55	X	-1.13	-1.13	0	%100
60	M55	Z	-1.957	-1.957	0	%100
61	M56	X	-1.13	-1.13	0	%100
62	M56	Z	-1.957	-1.957	0	%100
63	M57	X	-1.696	-1.696	0	%100
64	M57	Z	-2.938	-2.938	0	%100
65	M58A	X	-1.387	-1.387	0	%100
66	M58A	Z	-2.402	-2.402	0	%100
67	M59A	X	0	0	0	%100
68	M59A	Z	0	0	0	%100
69	M62	X	-.56	-.56	0	%100
70	M62	Z	-.971	-.971	0	%100
71	M63	X	-1.705	-1.705	0	%100
72	M63	Z	-2.953	-2.953	0	%100
73	M65	X	-1.774	-1.774	0	%100
74	M65	Z	-3.072	-3.072	0	%100
75	M67	X	-.56	-.56	0	%100
76	M67	Z	-.971	-.971	0	%100
77	M68	X	0	0	0	%100
78	M68	Z	0	0	0	%100
79	M70	X	0	0	0	%100
80	M70	Z	0	0	0	%100

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

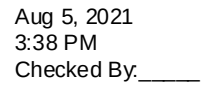
	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
81	MP2A	X	-1.555	-1.555	0	%100
82	MP2A	Z	-2.694	-2.694	0	%100
83	MP3A	X	-1.695	-1.695	0	%100
84	MP3A	Z	-2.936	-2.936	0	%100
85	MP4A	X	-1.555	-1.555	0	%100
86	MP4A	Z	-2.694	-2.694	0	%100
87	MP5A	X	-1.555	-1.555	0	%100
88	MP5A	Z	-2.694	-2.694	0	%100
89	MP1C	X	-1.555	-1.555	0	%100
90	MP1C	Z	-2.694	-2.694	0	%100
91	MP2C	X	-1.555	-1.555	0	%100
92	MP2C	Z	-2.694	-2.694	0	%100
93	MP3C	X	-1.695	-1.695	0	%100
94	MP3C	Z	-2.936	-2.936	0	%100
95	MP4C	X	-1.555	-1.555	0	%100
96	MP4C	Z	-2.694	-2.694	0	%100
97	MP5C	X	-1.555	-1.555	0	%100
98	MP5C	Z	-2.694	-2.694	0	%100
99	MP1B	X	-1.555	-1.555	0	%100
100	MP1B	Z	-2.694	-2.694	0	%100
101	MP2B	X	-1.555	-1.555	0	%100
102	MP2B	Z	-2.694	-2.694	0	%100
103	MP3B	X	-1.695	-1.695	0	%100
104	MP3B	Z	-2.936	-2.936	0	%100
105	MP4B	X	-1.555	-1.555	0	%100
106	MP4B	Z	-2.694	-2.694	0	%100
107	MP5B	X	-1.555	-1.555	0	%100
108	MP5B	Z	-2.694	-2.694	0	%100
109	M106	X	-1.247	-1.247	0	%100
110	M106	Z	-2.16	-2.16	0	%100
111	M108	X	-1.247	-1.247	0	%100
112	M108	Z	-2.16	-2.16	0	%100
113	M110	X	-1.325	-1.325	0	%100
114	M110	Z	-2.294	-2.294	0	%100
115	M116	X	0	0	0	%100
116	M116	Z	0	0	0	%100
117	M122	X	-1.325	-1.325	0	%100
118	M122	Z	-2.294	-2.294	0	%100
119	M134	X	-1.299	-1.299	0	%100
120	M134	Z	-2.251	-2.251	0	%100
121	M135	X	0	0	0	%100
122	M135	Z	0	0	0	%100
123	M136	X	-1.299	-1.299	0	%100
124	M136	Z	-2.251	-2.251	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	-.706	-.706	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100



	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
5	M10	X	0	0	0	%100
6	M10	Z	-.607	-.607	0	%100
7	MP1A	X	0	0	0	%100
8	MP1A	Z	-.479	-.479	0	%100
9	M43	X	0	0	0	%100
10	M43	Z	-.607	-.607	0	%100
11	M46	X	0	0	0	%100
12	M46	Z	-1.211	-1.211	0	%100
13	M51B	X	0	0	0	%100
14	M51B	Z	-.193	-.193	0	%100
15	M52B	X	0	0	0	%100
16	M52B	Z	-.193	-.193	0	%100
17	M76	X	0	0	0	%100
18	M76	Z	0	0	0	%100
19	M77	X	0	0	0	%100
20	M77	Z	-.308	-.308	0	%100
21	M80	X	0	0	0	%100
22	M80	Z	-.325	-.325	0	%100
23	M84	X	0	0	0	%100
24	M84	Z	0	0	0	%100
25	M85	X	0	0	0	%100
26	M85	Z	-.308	-.308	0	%100
27	M91	X	0	0	0	%100
28	M91	Z	-.325	-.325	0	%100
29	M28B	X	0	0	0	%100
30	M28B	Z	-.177	-.177	0	%100
31	M29	X	0	0	0	%100
32	M29	Z	-.177	-.177	0	%100
33	M30	X	0	0	0	%100
34	M30	Z	-.537	-.537	0	%100
35	M31	X	0	0	0	%100
36	M31	Z	-.152	-.152	0	%100
37	M32	X	0	0	0	%100
38	M32	Z	-.152	-.152	0	%100
39	M33	X	0	0	0	%100
40	M33	Z	-.303	-.303	0	%100
41	M34	X	0	0	0	%100
42	M34	Z	-.193	-.193	0	%100
43	M35	X	0	0	0	%100
44	M35	Z	-.772	-.772	0	%100
45	M38	X	0	0	0	%100
46	M38	Z	-.908	-.908	0	%100
47	M39	X	0	0	0	%100
48	M39	Z	-.308	-.308	0	%100
49	M41	X	0	0	0	%100
50	M41	Z	-.325	-.325	0	%100
51	M43A	X	0	0	0	%100
52	M43A	Z	-.908	-.908	0	%100
53	M44	X	0	0	0	%100
54	M44	Z	-1.233	-1.233	0	%100
55	M46A	X	0	0	0	%100
56	M46A	Z	-1.299	-1.299	0	%100



	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
57	M54	X	0	0	0	%100
58	M54	Z	-.537	-.537	0	%100
59	M55	X	0	0	0	%100
60	M55	Z	-.152	-.152	0	%100
61	M56	X	0	0	0	%100
62	M56	Z	-.152	-.152	0	%100
63	M57	X	0	0	0	%100
64	M57	Z	-.303	-.303	0	%100
65	M58A	X	0	0	0	%100
66	M58A	Z	-.772	-.772	0	%100
67	M59A	X	0	0	0	%100
68	M59A	Z	-.193	-.193	0	%100
69	M62	X	0	0	0	%100
70	M62	Z	-.908	-.908	0	%100
71	M63	X	0	0	0	%100
72	M63	Z	-1.233	-1.233	0	%100
73	M65	X	0	0	0	%100
74	M65	Z	-1.299	-1.299	0	%100
75	M67	X	0	0	0	%100
76	M67	Z	-.908	-.908	0	%100
77	M68	X	0	0	0	%100
78	M68	Z	-.308	-.308	0	%100
79	M70	X	0	0	0	%100
80	M70	Z	-.325	-.325	0	%100
81	MP2A	X	0	0	0	%100
82	MP2A	Z	-.479	-.479	0	%100
83	MP3A	X	0	0	0	%100
84	MP3A	Z	-.58	-.58	0	%100
85	MP4A	X	0	0	0	%100
86	MP4A	Z	-.479	-.479	0	%100
87	MP5A	X	0	0	0	%100
88	MP5A	Z	-.479	-.479	0	%100
89	MP1C	X	0	0	0	%100
90	MP1C	Z	-.479	-.479	0	%100
91	MP2C	X	0	0	0	%100
92	MP2C	Z	-.479	-.479	0	%100
93	MP3C	X	0	0	0	%100
94	MP3C	Z	-.58	-.58	0	%100
95	MP4C	X	0	0	0	%100
96	MP4C	Z	-.479	-.479	0	%100
97	MP5C	X	0	0	0	%100
98	MP5C	Z	-.479	-.479	0	%100
99	MP1B	X	0	0	0	%100
100	MP1B	Z	-.479	-.479	0	%100
101	MP2B	X	0	0	0	%100
102	MP2B	Z	-.479	-.479	0	%100
103	MP3B	X	0	0	0	%100
104	MP3B	Z	-.58	-.58	0	%100
105	MP4B	X	0	0	0	%100
106	MP4B	Z	-.479	-.479	0	%100
107	MP5B	X	0	0	0	%100
108	MP5B	Z	-.479	-.479	0	%100

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

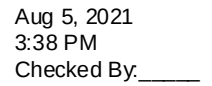
	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
109	M106	X	0	0	0	%100
110	M106	Z	-.392	-.392	0	%100
111	M108	X	0	0	0	%100
112	M108	Z	-.392	-.392	0	%100
113	M110	X	0	0	0	%100
114	M110	Z	-.58	-.58	0	%100
115	M116	X	0	0	0	%100
116	M116	Z	-.145	-.145	0	%100
117	M122	X	0	0	0	%100
118	M122	Z	-.145	-.145	0	%100
119	M134	X	0	0	0	%100
120	M134	Z	-.761	-.761	0	%100
121	M135	X	0	0	0	%100
122	M135	Z	-.19	-.19	0	%100
123	M136	X	0	0	0	%100
124	M136	Z	-.19	-.19	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.265	.265	0	%100
2	M1	Z	-.459	-.459	0	%100
3	M4	X	.09	.09	0	%100
4	M4	Z	-.155	-.155	0	%100
5	M10	X	.228	.228	0	%100
6	M10	Z	-.394	-.394	0	%100
7	MP1A	X	.24	.24	0	%100
8	MP1A	Z	-.415	-.415	0	%100
9	M43	X	.228	.228	0	%100
10	M43	Z	-.394	-.394	0	%100
11	M46	X	.454	.454	0	%100
12	M46	Z	-.786	-.786	0	%100
13	M51B	X	.29	.29	0	%100
14	M51B	Z	-.501	-.501	0	%100
15	M52B	X	0	0	0	%100
16	M52B	Z	0	0	0	%100
17	M76	X	.151	.151	0	%100
18	M76	Z	-.262	-.262	0	%100
19	M77	X	.462	.462	0	%100
20	M77	Z	-.801	-.801	0	%100
21	M80	X	.487	.487	0	%100
22	M80	Z	-.844	-.844	0	%100
23	M84	X	.151	.151	0	%100
24	M84	Z	-.262	-.262	0	%100
25	M85	X	0	0	0	%100
26	M85	Z	0	0	0	%100
27	M91	X	0	0	0	%100
28	M91	Z	0	0	0	%100
29	M28B	X	.265	.265	0	%100
30	M28B	Z	-.459	-.459	0	%100
31	M29	X	0	0	0	%100
32	M29	Z	0	0	0	%100

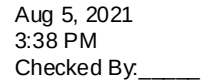
Member Distributed Loads (BLC 66 : Structure Wm (30 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
33	M30	X	.09	.09	0	%100
34	M30	Z	-.155	-.155	0	%100
35	M31	X	.228	.228	0	%100
36	M31	Z	-.394	-.394	0	%100
37	M32	X	.228	.228	0	%100
38	M32	Z	-.394	-.394	0	%100
39	M33	X	.454	.454	0	%100
40	M33	Z	-.786	-.786	0	%100
41	M34	X	0	0	0	%100
42	M34	Z	0	0	0	%100
43	M35	X	.29	.29	0	%100
44	M35	Z	-.501	-.501	0	%100
45	M38	X	.151	.151	0	%100
46	M38	Z	-.262	-.262	0	%100
47	M39	X	0	0	0	%100
48	M39	Z	0	0	0	%100
49	M41	X	0	0	0	%100
50	M41	Z	0	0	0	%100
51	M43A	X	.151	.151	0	%100
52	M43A	Z	-.262	-.262	0	%100
53	M44	X	.462	.462	0	%100
54	M44	Z	-.801	-.801	0	%100
55	M46A	X	.487	.487	0	%100
56	M46A	Z	-.844	-.844	0	%100
57	M54	X	.358	.358	0	%100
58	M54	Z	-.621	-.621	0	%100
59	M55	X	0	0	0	%100
60	M55	Z	0	0	0	%100
61	M56	X	0	0	0	%100
62	M56	Z	0	0	0	%100
63	M57	X	0	0	0	%100
64	M57	Z	0	0	0	%100
65	M58A	X	.29	.29	0	%100
66	M58A	Z	-.501	-.501	0	%100
67	M59A	X	.29	.29	0	%100
68	M59A	Z	-.501	-.501	0	%100
69	M62	X	.605	.605	0	%100
70	M62	Z	-1.049	-1.049	0	%100
71	M63	X	.462	.462	0	%100
72	M63	Z	-.801	-.801	0	%100
73	M65	X	.487	.487	0	%100
74	M65	Z	-.844	-.844	0	%100
75	M67	X	.605	.605	0	%100
76	M67	Z	-1.049	-1.049	0	%100
77	M68	X	.462	.462	0	%100
78	M68	Z	-.801	-.801	0	%100
79	M70	X	.487	.487	0	%100
80	M70	Z	-.844	-.844	0	%100
81	MP2A	X	.24	.24	0	%100
82	MP2A	Z	-.415	-.415	0	%100
83	MP3A	X	.29	.29	0	%100
84	MP3A	Z	-.502	-.502	0	%100



	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
85	MP4A	X	.24	.24	0	%100
86	MP4A	Z	-.415	-.415	0	%100
87	MP5A	X	.24	.24	0	%100
88	MP5A	Z	-.415	-.415	0	%100
89	MP1C	X	.24	.24	0	%100
90	MP1C	Z	-.415	-.415	0	%100
91	MP2C	X	.24	.24	0	%100
92	MP2C	Z	-.415	-.415	0	%100
93	MP3C	X	.29	.29	0	%100
94	MP3C	Z	-.502	-.502	0	%100
95	MP4C	X	.24	.24	0	%100
96	MP4C	Z	-.415	-.415	0	%100
97	MP5C	X	.24	.24	0	%100
98	MP5C	Z	-.415	-.415	0	%100
99	MP1B	X	.24	.24	0	%100
100	MP1B	Z	-.415	-.415	0	%100
101	MP2B	X	.24	.24	0	%100
102	MP2B	Z	-.415	-.415	0	%100
103	MP3B	X	.29	.29	0	%100
104	MP3B	Z	-.502	-.502	0	%100
105	MP4B	X	.24	.24	0	%100
106	MP4B	Z	-.415	-.415	0	%100
107	MP5B	X	.24	.24	0	%100
108	MP5B	Z	-.415	-.415	0	%100
109	M106	X	.196	.196	0	%100
110	M106	Z	-.339	-.339	0	%100
111	M108	X	.196	.196	0	%100
112	M108	Z	-.339	-.339	0	%100
113	M110	X	.218	.218	0	%100
114	M110	Z	-.377	-.377	0	%100
115	M116	X	.218	.218	0	%100
116	M116	Z	-.377	-.377	0	%100
117	M122	X	0	0	0	%100
118	M122	Z	0	0	0	%100
119	M134	X	.285	.285	0	%100
120	M134	Z	-.494	-.494	0	%100
121	M135	X	.285	.285	0	%100
122	M135	Z	-.494	-.494	0	%100
123	M136	X	0	0	0	%100
124	M136	Z	0	0	0	%100

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M1	X	.153	.153	0	%100
2	M1	Z	-.088	-.088	0	%100
3	M4	X	.465	.465	0	%100
4	M4	Z	-.269	-.269	0	%100
5	M10	X	.131	.131	0	%100
6	M10	Z	-.076	-.076	0	%100
7	MP1A	X	.415	.415	0	%100
8	MP1A	Z	-.24	-.24	0	%100



	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
9	M43	X	.131	.131	0	%100
10	M43	Z	-.076	-.076	0	%100
11	M46	X	.262	.262	0	%100
12	M46	Z	-.151	-.151	0	%100
13	M51B	X	.669	.669	0	%100
14	M51B	Z	-.386	-.386	0	%100
15	M52B	X	.167	.167	0	%100
16	M52B	Z	-.097	-.097	0	%100
17	M76	X	.786	.786	0	%100
18	M76	Z	-.454	-.454	0	%100
19	M77	X	1.068	1.068	0	%100
20	M77	Z	-.617	-.617	0	%100
21	M80	X	1.125	1.125	0	%100
22	M80	Z	-.649	-.649	0	%100
23	M84	X	.786	.786	0	%100
24	M84	Z	-.454	-.454	0	%100
25	M85	X	.267	.267	0	%100
26	M85	Z	-.154	-.154	0	%100
27	M91	X	.281	.281	0	%100
28	M91	Z	-.162	-.162	0	%100
29	M28B	X	.612	.612	0	%100
30	M28B	Z	-.353	-.353	0	%100
31	M29	X	.153	.153	0	%100
32	M29	Z	-.088	-.088	0	%100
33	M30	X	0	0	0	%100
34	M30	Z	0	0	0	%100
35	M31	X	.526	.526	0	%100
36	M31	Z	-.304	-.304	0	%100
37	M32	X	.526	.526	0	%100
38	M32	Z	-.304	-.304	0	%100
39	M33	X	1.049	1.049	0	%100
40	M33	Z	-.605	-.605	0	%100
41	M34	X	.167	.167	0	%100
42	M34	Z	-.097	-.097	0	%100
43	M35	X	.167	.167	0	%100
44	M35	Z	-.097	-.097	0	%100
45	M38	X	0	0	0	%100
46	M38	Z	0	0	0	%100
47	M39	X	.267	.267	0	%100
48	M39	Z	-.154	-.154	0	%100
49	M41	X	.281	.281	0	%100
50	M41	Z	-.162	-.162	0	%100
51	M43A	X	0	0	0	%100
52	M43A	Z	0	0	0	%100
53	M44	X	.267	.267	0	%100
54	M44	Z	-.154	-.154	0	%100
55	M46A	X	.281	.281	0	%100
56	M46A	Z	-.162	-.162	0	%100
57	M54	X	.465	.465	0	%100
58	M54	Z	-.269	-.269	0	%100
59	M55	X	.131	.131	0	%100
60	M55	Z	-.076	-.076	0	%100

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

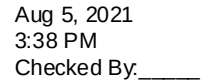
	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
61	M56	X	.131	.131	0	%100
62	M56	Z	-.076	-.076	0	%100
63	M57	X	.262	.262	0	%100
64	M57	Z	-.151	-.151	0	%100
65	M58A	X	.167	.167	0	%100
66	M58A	Z	-.097	-.097	0	%100
67	M59A	X	.669	.669	0	%100
68	M59A	Z	-.386	-.386	0	%100
69	M62	X	.786	.786	0	%100
70	M62	Z	-.454	-.454	0	%100
71	M63	X	.267	.267	0	%100
72	M63	Z	-.154	-.154	0	%100
73	M65	X	.281	.281	0	%100
74	M65	Z	-.162	-.162	0	%100
75	M67	X	.786	.786	0	%100
76	M67	Z	-.454	-.454	0	%100
77	M68	X	1.068	1.068	0	%100
78	M68	Z	-.617	-.617	0	%100
79	M70	X	1.125	1.125	0	%100
80	M70	Z	-.649	-.649	0	%100
81	MP2A	X	.415	.415	0	%100
82	MP2A	Z	-.24	-.24	0	%100
83	MP3A	X	.502	.502	0	%100
84	MP3A	Z	-.29	-.29	0	%100
85	MP4A	X	.415	.415	0	%100
86	MP4A	Z	-.24	-.24	0	%100
87	MP5A	X	.415	.415	0	%100
88	MP5A	Z	-.24	-.24	0	%100
89	MP1C	X	.415	.415	0	%100
90	MP1C	Z	-.24	-.24	0	%100
91	MP2C	X	.415	.415	0	%100
92	MP2C	Z	-.24	-.24	0	%100
93	MP3C	X	.502	.502	0	%100
94	MP3C	Z	-.29	-.29	0	%100
95	MP4C	X	.415	.415	0	%100
96	MP4C	Z	-.24	-.24	0	%100
97	MP5C	X	.415	.415	0	%100
98	MP5C	Z	-.24	-.24	0	%100
99	MP1B	X	.415	.415	0	%100
100	MP1B	Z	-.24	-.24	0	%100
101	MP2B	X	.415	.415	0	%100
102	MP2B	Z	-.24	-.24	0	%100
103	MP3B	X	.502	.502	0	%100
104	MP3B	Z	-.29	-.29	0	%100
105	MP4B	X	.415	.415	0	%100
106	MP4B	Z	-.24	-.24	0	%100
107	MP5B	X	.415	.415	0	%100
108	MP5B	Z	-.24	-.24	0	%100
109	M106	X	.339	.339	0	%100
110	M106	Z	-.196	-.196	0	%100
111	M108	X	.339	.339	0	%100
112	M108	Z	-.196	-.196	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, %]
113	M110	X	.126	.126	0	%100
114	M110	Z	-.073	-.073	0	%100
115	M116	X	.502	.502	0	%100
116	M116	Z	-.29	-.29	0	%100
117	M122	X	.126	.126	0	%100
118	M122	Z	-.073	-.073	0	%100
119	M134	X	.165	.165	0	%100
120	M134	Z	-.095	-.095	0	%100
121	M135	X	.659	.659	0	%100
122	M135	Z	-.381	-.381	0	%100
123	M136	X	.165	.165	0	%100
124	M136	Z	-.095	-.095	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	.717	.717	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	MP1A	X	.479	.479	0	%100
8	MP1A	Z	0	0	0	%100
9	M43	X	0	0	0	%100
10	M43	Z	0	0	0	%100
11	M46	X	0	0	0	%100
12	M46	Z	0	0	0	%100
13	M51B	X	.579	.579	0	%100
14	M51B	Z	0	0	0	%100
15	M52B	X	.579	.579	0	%100
16	M52B	Z	0	0	0	%100
17	M76	X	1.211	1.211	0	%100
18	M76	Z	0	0	0	%100
19	M77	X	.925	.925	0	%100
20	M77	Z	0	0	0	%100
21	M80	X	.974	.974	0	%100
22	M80	Z	0	0	0	%100
23	M84	X	1.211	1.211	0	%100
24	M84	Z	0	0	0	%100
25	M85	X	.925	.925	0	%100
26	M85	Z	0	0	0	%100
27	M91	X	.974	.974	0	%100
28	M91	Z	0	0	0	%100
29	M28B	X	.53	.53	0	%100
30	M28B	Z	0	0	0	%100
31	M29	X	.53	.53	0	%100
32	M29	Z	0	0	0	%100
33	M30	X	.179	.179	0	%100
34	M30	Z	0	0	0	%100
35	M31	X	.455	.455	0	%100
36	M31	Z	0	0	0	%100



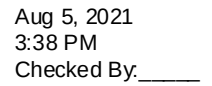
	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
37	M32	X	.455	.455	0	%100
38	M32	Z	0	0	0	%100
39	M33	X	.908	.908	0	%100
40	M33	Z	0	0	0	%100
41	M34	X	.579	.579	0	%100
42	M34	Z	0	0	0	%100
43	M35	X	0	0	0	%100
44	M35	Z	0	0	0	%100
45	M38	X	.303	.303	0	%100
46	M38	Z	0	0	0	%100
47	M39	X	.925	.925	0	%100
48	M39	Z	0	0	0	%100
49	M41	X	.974	.974	0	%100
50	M41	Z	0	0	0	%100
51	M43A	X	.303	.303	0	%100
52	M43A	Z	0	0	0	%100
53	M44	X	0	0	0	%100
54	M44	Z	0	0	0	%100
55	M46A	X	0	0	0	%100
56	M46A	Z	0	0	0	%100
57	M54	X	.179	.179	0	%100
58	M54	Z	0	0	0	%100
59	M55	X	.455	.455	0	%100
60	M55	Z	0	0	0	%100
61	M56	X	.455	.455	0	%100
62	M56	Z	0	0	0	%100
63	M57	X	.908	.908	0	%100
64	M57	Z	0	0	0	%100
65	M58A	X	0	0	0	%100
66	M58A	Z	0	0	0	%100
67	M59A	X	.579	.579	0	%100
68	M59A	Z	0	0	0	%100
69	M62	X	.303	.303	0	%100
70	M62	Z	0	0	0	%100
71	M63	X	0	0	0	%100
72	M63	Z	0	0	0	%100
73	M65	X	0	0	0	%100
74	M65	Z	0	0	0	%100
75	M67	X	.303	.303	0	%100
76	M67	Z	0	0	0	%100
77	M68	X	.925	.925	0	%100
78	M68	Z	0	0	0	%100
79	M70	X	.974	.974	0	%100
80	M70	Z	0	0	0	%100
81	MP2A	X	.479	.479	0	%100
82	MP2A	Z	0	0	0	%100
83	MP3A	X	.58	.58	0	%100
84	MP3A	Z	0	0	0	%100
85	MP4A	X	.479	.479	0	%100
86	MP4A	Z	0	0	0	%100
87	MP5A	X	.479	.479	0	%100
88	MP5A	Z	0	0	0	%100

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

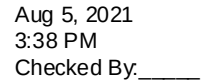
	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
89	MP1C	X	.479	.479	0	%100
90	MP1C	Z	0	0	0	%100
91	MP2C	X	.479	.479	0	%100
92	MP2C	Z	0	0	0	%100
93	MP3C	X	.58	.58	0	%100
94	MP3C	Z	0	0	0	%100
95	MP4C	X	.479	.479	0	%100
96	MP4C	Z	0	0	0	%100
97	MP5C	X	.479	.479	0	%100
98	MP5C	Z	0	0	0	%100
99	MP1B	X	.479	.479	0	%100
100	MP1B	Z	0	0	0	%100
101	MP2B	X	.479	.479	0	%100
102	MP2B	Z	0	0	0	%100
103	MP3B	X	.58	.58	0	%100
104	MP3B	Z	0	0	0	%100
105	MP4B	X	.479	.479	0	%100
106	MP4B	Z	0	0	0	%100
107	MP5B	X	.479	.479	0	%100
108	MP5B	Z	0	0	0	%100
109	M106	X	.392	.392	0	%100
110	M106	Z	0	0	0	%100
111	M108	X	.392	.392	0	%100
112	M108	Z	0	0	0	%100
113	M110	X	0	0	0	%100
114	M110	Z	0	0	0	%100
115	M116	X	.435	.435	0	%100
116	M116	Z	0	0	0	%100
117	M122	X	.435	.435	0	%100
118	M122	Z	0	0	0	%100
119	M134	X	0	0	0	%100
120	M134	Z	0	0	0	%100
121	M135	X	.571	.571	0	%100
122	M135	Z	0	0	0	%100
123	M136	X	.571	.571	0	%100
124	M136	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	.153	.153	0	%100
2	M1	Z	.088	.088	0	%100
3	M4	X	.465	.465	0	%100
4	M4	Z	.269	.269	0	%100
5	M10	X	.131	.131	0	%100
6	M10	Z	.076	.076	0	%100
7	MP1A	X	.415	.415	0	%100
8	MP1A	Z	.24	.24	0	%100
9	M43	X	.131	.131	0	%100
10	M43	Z	.076	.076	0	%100
11	M46	X	.262	.262	0	%100
12	M46	Z	.151	.151	0	%100



	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
13	M51B	X	.167	.167	0	%100
14	M51B	Z	.097	.097	0	%100
15	M52B	X	.669	.669	0	%100
16	M52B	Z	.386	.386	0	%100
17	M76	X	.786	.786	0	%100
18	M76	Z	.454	.454	0	%100
19	M77	X	.267	.267	0	%100
20	M77	Z	.154	.154	0	%100
21	M80	X	.281	.281	0	%100
22	M80	Z	.162	.162	0	%100
23	M84	X	.786	.786	0	%100
24	M84	Z	.454	.454	0	%100
25	M85	X	1.068	1.068	0	%100
26	M85	Z	.617	.617	0	%100
27	M91	X	1.125	1.125	0	%100
28	M91	Z	.649	.649	0	%100
29	M28B	X	.153	.153	0	%100
30	M28B	Z	.088	.088	0	%100
31	M29	X	.612	.612	0	%100
32	M29	Z	.353	.353	0	%100
33	M30	X	.465	.465	0	%100
34	M30	Z	.269	.269	0	%100
35	M31	X	.131	.131	0	%100
36	M31	Z	.076	.076	0	%100
37	M32	X	.131	.131	0	%100
38	M32	Z	.076	.076	0	%100
39	M33	X	.262	.262	0	%100
40	M33	Z	.151	.151	0	%100
41	M34	X	.669	.669	0	%100
42	M34	Z	.386	.386	0	%100
43	M35	X	.167	.167	0	%100
44	M35	Z	.097	.097	0	%100
45	M38	X	.786	.786	0	%100
46	M38	Z	.454	.454	0	%100
47	M39	X	1.068	1.068	0	%100
48	M39	Z	.617	.617	0	%100
49	M41	X	1.125	1.125	0	%100
50	M41	Z	.649	.649	0	%100
51	M43A	X	.786	.786	0	%100
52	M43A	Z	.454	.454	0	%100
53	M44	X	.267	.267	0	%100
54	M44	Z	.154	.154	0	%100
55	M46A	X	.281	.281	0	%100
56	M46A	Z	.162	.162	0	%100
57	M54	X	0	0	0	%100
58	M54	Z	0	0	0	%100
59	M55	X	.526	.526	0	%100
60	M55	Z	.304	.304	0	%100
61	M56	X	.526	.526	0	%100
62	M56	Z	.304	.304	0	%100
63	M57	X	1.049	1.049	0	%100
64	M57	Z	.605	.605	0	%100



	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
65	M58A	X	.167	.167	0	%100
66	M58A	Z	.097	.097	0	%100
67	M59A	X	.167	.167	0	%100
68	M59A	Z	.097	.097	0	%100
69	M62	X	0	0	0	%100
70	M62	Z	0	0	0	%100
71	M63	X	.267	.267	0	%100
72	M63	Z	.154	.154	0	%100
73	M65	X	.281	.281	0	%100
74	M65	Z	.162	.162	0	%100
75	M67	X	0	0	0	%100
76	M67	Z	0	0	0	%100
77	M68	X	.267	.267	0	%100
78	M68	Z	.154	.154	0	%100
79	M70	X	.281	.281	0	%100
80	M70	Z	.162	.162	0	%100
81	MP2A	X	.415	.415	0	%100
82	MP2A	Z	.24	.24	0	%100
83	MP3A	X	.502	.502	0	%100
84	MP3A	Z	.29	.29	0	%100
85	MP4A	X	.415	.415	0	%100
86	MP4A	Z	.24	.24	0	%100
87	MP5A	X	.415	.415	0	%100
88	MP5A	Z	.24	.24	0	%100
89	MP1C	X	.415	.415	0	%100
90	MP1C	Z	.24	.24	0	%100
91	MP2C	X	.415	.415	0	%100
92	MP2C	Z	.24	.24	0	%100
93	MP3C	X	.502	.502	0	%100
94	MP3C	Z	.29	.29	0	%100
95	MP4C	X	.415	.415	0	%100
96	MP4C	Z	.24	.24	0	%100
97	MP5C	X	.415	.415	0	%100
98	MP5C	Z	.24	.24	0	%100
99	MP1B	X	.415	.415	0	%100
100	MP1B	Z	.24	.24	0	%100
101	MP2B	X	.415	.415	0	%100
102	MP2B	Z	.24	.24	0	%100
103	MP3B	X	.502	.502	0	%100
104	MP3B	Z	.29	.29	0	%100
105	MP4B	X	.415	.415	0	%100
106	MP4B	Z	.24	.24	0	%100
107	MP5B	X	.415	.415	0	%100
108	MP5B	Z	.24	.24	0	%100
109	M106	X	.339	.339	0	%100
110	M106	Z	.196	.196	0	%100
111	M108	X	.339	.339	0	%100
112	M108	Z	.196	.196	0	%100
113	M110	X	.126	.126	0	%100
114	M110	Z	.073	.073	0	%100
115	M116	X	.126	.126	0	%100
116	M116	Z	.073	.073	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
117	M122	X	.502	.502	0	%100
118	M122	Z	.29	.29	0	%100
119	M134	X	.165	.165	0	%100
120	M134	Z	.095	.095	0	%100
121	M135	X	.165	.165	0	%100
122	M135	Z	.095	.095	0	%100
123	M136	X	.659	.659	0	%100
124	M136	Z	.381	.381	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	.265	.265	0	%100
2	M1	Z	.459	.459	0	%100
3	M4	X	.09	.09	0	%100
4	M4	Z	.155	.155	0	%100
5	M10	X	.228	.228	0	%100
6	M10	Z	.394	.394	0	%100
7	MP1A	X	.24	.24	0	%100
8	MP1A	Z	.415	.415	0	%100
9	M43	X	.228	.228	0	%100
10	M43	Z	.394	.394	0	%100
11	M46	X	.454	.454	0	%100
12	M46	Z	.786	.786	0	%100
13	M51B	X	0	0	0	%100
14	M51B	Z	0	0	0	%100
15	M52B	X	.29	.29	0	%100
16	M52B	Z	.501	.501	0	%100
17	M76	X	.151	.151	0	%100
18	M76	Z	.262	.262	0	%100
19	M77	X	0	0	0	%100
20	M77	Z	0	0	0	%100
21	M80	X	0	0	0	%100
22	M80	Z	0	0	0	%100
23	M84	X	.151	.151	0	%100
24	M84	Z	.262	.262	0	%100
25	M85	X	.462	.462	0	%100
26	M85	Z	.801	.801	0	%100
27	M91	X	.487	.487	0	%100
28	M91	Z	.844	.844	0	%100
29	M28B	X	0	0	0	%100
30	M28B	Z	0	0	0	%100
31	M29	X	.265	.265	0	%100
32	M29	Z	.459	.459	0	%100
33	M30	X	.358	.358	0	%100
34	M30	Z	.621	.621	0	%100
35	M31	X	0	0	0	%100
36	M31	Z	0	0	0	%100
37	M32	X	0	0	0	%100
38	M32	Z	0	0	0	%100
39	M33	X	0	0	0	%100
40	M33	Z	0	0	0	%100

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

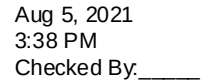
	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
41	M34	X	.29	.29	0	%100
42	M34	Z	.501	.501	0	%100
43	M35	X	.29	.29	0	%100
44	M35	Z	.501	.501	0	%100
45	M38	X	.605	.605	0	%100
46	M38	Z	1.049	1.049	0	%100
47	M39	X	.462	.462	0	%100
48	M39	Z	.801	.801	0	%100
49	M41	X	.487	.487	0	%100
50	M41	Z	.844	.844	0	%100
51	M43A	X	.605	.605	0	%100
52	M43A	Z	1.049	1.049	0	%100
53	M44	X	.462	.462	0	%100
54	M44	Z	.801	.801	0	%100
55	M46A	X	.487	.487	0	%100
56	M46A	Z	.844	.844	0	%100
57	M54	X	.09	.09	0	%100
58	M54	Z	.155	.155	0	%100
59	M55	X	.228	.228	0	%100
60	M55	Z	.394	.394	0	%100
61	M56	X	.228	.228	0	%100
62	M56	Z	.394	.394	0	%100
63	M57	X	.454	.454	0	%100
64	M57	Z	.786	.786	0	%100
65	M58A	X	.29	.29	0	%100
66	M58A	Z	.501	.501	0	%100
67	M59A	X	0	0	0	%100
68	M59A	Z	0	0	0	%100
69	M62	X	.151	.151	0	%100
70	M62	Z	.262	.262	0	%100
71	M63	X	.462	.462	0	%100
72	M63	Z	.801	.801	0	%100
73	M65	X	.487	.487	0	%100
74	M65	Z	.844	.844	0	%100
75	M67	X	.151	.151	0	%100
76	M67	Z	.262	.262	0	%100
77	M68	X	0	0	0	%100
78	M68	Z	0	0	0	%100
79	M70	X	0	0	0	%100
80	M70	Z	0	0	0	%100
81	MP2A	X	.24	.24	0	%100
82	MP2A	Z	.415	.415	0	%100
83	MP3A	X	.29	.29	0	%100
84	MP3A	Z	.502	.502	0	%100
85	MP4A	X	.24	.24	0	%100
86	MP4A	Z	.415	.415	0	%100
87	MP5A	X	.24	.24	0	%100
88	MP5A	Z	.415	.415	0	%100
89	MP1C	X	.24	.24	0	%100
90	MP1C	Z	.415	.415	0	%100
91	MP2C	X	.24	.24	0	%100
92	MP2C	Z	.415	.415	0	%100

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

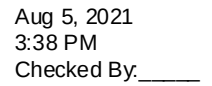
	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
93	MP3C	X	.29	.29	0	%100
94	MP3C	Z	.502	.502	0	%100
95	MP4C	X	.24	.24	0	%100
96	MP4C	Z	.415	.415	0	%100
97	MP5C	X	.24	.24	0	%100
98	MP5C	Z	.415	.415	0	%100
99	MP1B	X	.24	.24	0	%100
100	MP1B	Z	.415	.415	0	%100
101	MP2B	X	.24	.24	0	%100
102	MP2B	Z	.415	.415	0	%100
103	MP3B	X	.29	.29	0	%100
104	MP3B	Z	.502	.502	0	%100
105	MP4B	X	.24	.24	0	%100
106	MP4B	Z	.415	.415	0	%100
107	MP5B	X	.24	.24	0	%100
108	MP5B	Z	.415	.415	0	%100
109	M106	X	.196	.196	0	%100
110	M106	Z	.339	.339	0	%100
111	M108	X	.196	.196	0	%100
112	M108	Z	.339	.339	0	%100
113	M110	X	.218	.218	0	%100
114	M110	Z	.377	.377	0	%100
115	M116	X	0	0	0	%100
116	M116	Z	0	0	0	%100
117	M122	X	.218	.218	0	%100
118	M122	Z	.377	.377	0	%100
119	M134	X	.285	.285	0	%100
120	M134	Z	.494	.494	0	%100
121	M135	X	0	0	0	%100
122	M135	Z	0	0	0	%100
123	M136	X	.285	.285	0	%100
124	M136	Z	.494	.494	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	.706	.706	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	.607	.607	0	%100
7	MP1A	X	0	0	0	%100
8	MP1A	Z	.479	.479	0	%100
9	M43	X	0	0	0	%100
10	M43	Z	.607	.607	0	%100
11	M46	X	0	0	0	%100
12	M46	Z	1.211	1.211	0	%100
13	M51B	X	0	0	0	%100
14	M51B	Z	.193	.193	0	%100
15	M52B	X	0	0	0	%100
16	M52B	Z	.193	.193	0	%100



	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
17	M76	X	0	0	0	%100
18	M76	Z	0	0	0	%100
19	M77	X	0	0	0	%100
20	M77	Z	.308	.308	0	%100
21	M80	X	0	0	0	%100
22	M80	Z	.325	.325	0	%100
23	M84	X	0	0	0	%100
24	M84	Z	0	0	0	%100
25	M85	X	0	0	0	%100
26	M85	Z	.308	.308	0	%100
27	M91	X	0	0	0	%100
28	M91	Z	.325	.325	0	%100
29	M28B	X	0	0	0	%100
30	M28B	Z	.177	.177	0	%100
31	M29	X	0	0	0	%100
32	M29	Z	.177	.177	0	%100
33	M30	X	0	0	0	%100
34	M30	Z	.537	.537	0	%100
35	M31	X	0	0	0	%100
36	M31	Z	.152	.152	0	%100
37	M32	X	0	0	0	%100
38	M32	Z	.152	.152	0	%100
39	M33	X	0	0	0	%100
40	M33	Z	.303	.303	0	%100
41	M34	X	0	0	0	%100
42	M34	Z	.193	.193	0	%100
43	M35	X	0	0	0	%100
44	M35	Z	.772	.772	0	%100
45	M38	X	0	0	0	%100
46	M38	Z	.908	.908	0	%100
47	M39	X	0	0	0	%100
48	M39	Z	.308	.308	0	%100
49	M41	X	0	0	0	%100
50	M41	Z	.325	.325	0	%100
51	M43A	X	0	0	0	%100
52	M43A	Z	.908	.908	0	%100
53	M44	X	0	0	0	%100
54	M44	Z	1.233	1.233	0	%100
55	M46A	X	0	0	0	%100
56	M46A	Z	1.299	1.299	0	%100
57	M54	X	0	0	0	%100
58	M54	Z	.537	.537	0	%100
59	M55	X	0	0	0	%100
60	M55	Z	.152	.152	0	%100
61	M56	X	0	0	0	%100
62	M56	Z	.152	.152	0	%100
63	M57	X	0	0	0	%100
64	M57	Z	.303	.303	0	%100
65	M58A	X	0	0	0	%100
66	M58A	Z	.772	.772	0	%100
67	M59A	X	0	0	0	%100
68	M59A	Z	.193	.193	0	%100



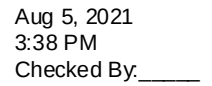
	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
69	M62	X	0	0	0	%100
70	M62	Z	.908	.908	0	%100
71	M63	X	0	0	0	%100
72	M63	Z	1.233	1.233	0	%100
73	M65	X	0	0	0	%100
74	M65	Z	1.299	1.299	0	%100
75	M67	X	0	0	0	%100
76	M67	Z	.908	.908	0	%100
77	M68	X	0	0	0	%100
78	M68	Z	.308	.308	0	%100
79	M70	X	0	0	0	%100
80	M70	Z	.325	.325	0	%100
81	MP2A	X	0	0	0	%100
82	MP2A	Z	.479	.479	0	%100
83	MP3A	X	0	0	0	%100
84	MP3A	Z	.58	.58	0	%100
85	MP4A	X	0	0	0	%100
86	MP4A	Z	.479	.479	0	%100
87	MP5A	X	0	0	0	%100
88	MP5A	Z	.479	.479	0	%100
89	MP1C	X	0	0	0	%100
90	MP1C	Z	.479	.479	0	%100
91	MP2C	X	0	0	0	%100
92	MP2C	Z	.479	.479	0	%100
93	MP3C	X	0	0	0	%100
94	MP3C	Z	.58	.58	0	%100
95	MP4C	X	0	0	0	%100
96	MP4C	Z	.479	.479	0	%100
97	MP5C	X	0	0	0	%100
98	MP5C	Z	.479	.479	0	%100
99	MP1B	X	0	0	0	%100
100	MP1B	Z	.479	.479	0	%100
101	MP2B	X	0	0	0	%100
102	MP2B	Z	.479	.479	0	%100
103	MP3B	X	0	0	0	%100
104	MP3B	Z	.58	.58	0	%100
105	MP4B	X	0	0	0	%100
106	MP4B	Z	.479	.479	0	%100
107	MP5B	X	0	0	0	%100
108	MP5B	Z	.479	.479	0	%100
109	M106	X	0	0	0	%100
110	M106	Z	.392	.392	0	%100
111	M108	X	0	0	0	%100
112	M108	Z	.392	.392	0	%100
113	M110	X	0	0	0	%100
114	M110	Z	.58	.58	0	%100
115	M116	X	0	0	0	%100
116	M116	Z	.145	.145	0	%100
117	M122	X	0	0	0	%100
118	M122	Z	.145	.145	0	%100
119	M134	X	0	0	0	%100
120	M134	Z	.761	.761	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,%]
121	M135	X	0	0	0	%100
122	M135	Z	.19	.19	0	%100
123	M136	X	0	0	0	%100
124	M136	Z	.19	.19	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	-.265	-.265	0	%100
2	M1	Z	.459	.459	0	%100
3	M4	X	-.09	-.09	0	%100
4	M4	Z	.155	.155	0	%100
5	M10	X	-.228	-.228	0	%100
6	M10	Z	.394	.394	0	%100
7	MP1A	X	-.24	-.24	0	%100
8	MP1A	Z	.415	.415	0	%100
9	M43	X	-.228	-.228	0	%100
10	M43	Z	.394	.394	0	%100
11	M46	X	-.454	-.454	0	%100
12	M46	Z	.786	.786	0	%100
13	M51B	X	-.29	-.29	0	%100
14	M51B	Z	.501	.501	0	%100
15	M52B	X	0	0	0	%100
16	M52B	Z	0	0	0	%100
17	M76	X	-.151	-.151	0	%100
18	M76	Z	.262	.262	0	%100
19	M77	X	-.462	-.462	0	%100
20	M77	Z	.801	.801	0	%100
21	M80	X	-.487	-.487	0	%100
22	M80	Z	.844	.844	0	%100
23	M84	X	-.151	-.151	0	%100
24	M84	Z	.262	.262	0	%100
25	M85	X	0	0	0	%100
26	M85	Z	0	0	0	%100
27	M91	X	0	0	0	%100
28	M91	Z	0	0	0	%100
29	M28B	X	-.265	-.265	0	%100
30	M28B	Z	.459	.459	0	%100
31	M29	X	0	0	0	%100
32	M29	Z	0	0	0	%100
33	M30	X	-.09	-.09	0	%100
34	M30	Z	.155	.155	0	%100
35	M31	X	-.228	-.228	0	%100
36	M31	Z	.394	.394	0	%100
37	M32	X	-.228	-.228	0	%100
38	M32	Z	.394	.394	0	%100
39	M33	X	-.454	-.454	0	%100
40	M33	Z	.786	.786	0	%100
41	M34	X	0	0	0	%100
42	M34	Z	0	0	0	%100
43	M35	X	-.29	-.29	0	%100
44	M35	Z	.501	.501	0	%100



	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
45	M38	X	-.151	-.151	0	%100
46	M38	Z	.262	.262	0	%100
47	M39	X	0	0	0	%100
48	M39	Z	0	0	0	%100
49	M41	X	0	0	0	%100
50	M41	Z	0	0	0	%100
51	M43A	X	-.151	-.151	0	%100
52	M43A	Z	.262	.262	0	%100
53	M44	X	-.462	-.462	0	%100
54	M44	Z	.801	.801	0	%100
55	M46A	X	-.487	-.487	0	%100
56	M46A	Z	.844	.844	0	%100
57	M54	X	-.358	-.358	0	%100
58	M54	Z	.621	.621	0	%100
59	M55	X	0	0	0	%100
60	M55	Z	0	0	0	%100
61	M56	X	0	0	0	%100
62	M56	Z	0	0	0	%100
63	M57	X	0	0	0	%100
64	M57	Z	0	0	0	%100
65	M58A	X	-.29	-.29	0	%100
66	M58A	Z	.501	.501	0	%100
67	M59A	X	-.29	-.29	0	%100
68	M59A	Z	.501	.501	0	%100
69	M62	X	-.605	-.605	0	%100
70	M62	Z	1.049	1.049	0	%100
71	M63	X	-.462	-.462	0	%100
72	M63	Z	.801	.801	0	%100
73	M65	X	-.487	-.487	0	%100
74	M65	Z	.844	.844	0	%100
75	M67	X	-.605	-.605	0	%100
76	M67	Z	1.049	1.049	0	%100
77	M68	X	-.462	-.462	0	%100
78	M68	Z	.801	.801	0	%100
79	M70	X	-.487	-.487	0	%100
80	M70	Z	.844	.844	0	%100
81	MP2A	X	-.24	-.24	0	%100
82	MP2A	Z	.415	.415	0	%100
83	MP3A	X	-.29	-.29	0	%100
84	MP3A	Z	.502	.502	0	%100
85	MP4A	X	-.24	-.24	0	%100
86	MP4A	Z	.415	.415	0	%100
87	MP5A	X	-.24	-.24	0	%100
88	MP5A	Z	.415	.415	0	%100
89	MP1C	X	-.24	-.24	0	%100
90	MP1C	Z	.415	.415	0	%100
91	MP2C	X	-.24	-.24	0	%100
92	MP2C	Z	.415	.415	0	%100
93	MP3C	X	-.29	-.29	0	%100
94	MP3C	Z	.502	.502	0	%100
95	MP4C	X	-.24	-.24	0	%100
96	MP4C	Z	.415	.415	0	%100

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

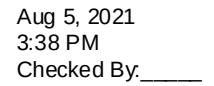
	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
97	MP5C	X	-.24	-.24	0	%100
98	MP5C	Z	.415	.415	0	%100
99	MP1B	X	-.24	-.24	0	%100
100	MP1B	Z	.415	.415	0	%100
101	MP2B	X	-.24	-.24	0	%100
102	MP2B	Z	.415	.415	0	%100
103	MP3B	X	-.29	-.29	0	%100
104	MP3B	Z	.502	.502	0	%100
105	MP4B	X	-.24	-.24	0	%100
106	MP4B	Z	.415	.415	0	%100
107	MP5B	X	-.24	-.24	0	%100
108	MP5B	Z	.415	.415	0	%100
109	M106	X	-.196	-.196	0	%100
110	M106	Z	.339	.339	0	%100
111	M108	X	-.196	-.196	0	%100
112	M108	Z	.339	.339	0	%100
113	M110	X	-.218	-.218	0	%100
114	M110	Z	.377	.377	0	%100
115	M116	X	-.218	-.218	0	%100
116	M116	Z	.377	.377	0	%100
117	M122	X	0	0	0	%100
118	M122	Z	0	0	0	%100
119	M134	X	-.285	-.285	0	%100
120	M134	Z	.494	.494	0	%100
121	M135	X	-.285	-.285	0	%100
122	M135	Z	.494	.494	0	%100
123	M136	X	0	0	0	%100
124	M136	Z	0	0	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	-.153	-.153	0	%100
2	M1	Z	.088	.088	0	%100
3	M4	X	-.465	-.465	0	%100
4	M4	Z	.269	.269	0	%100
5	M10	X	-.131	-.131	0	%100
6	M10	Z	.076	.076	0	%100
7	MP1A	X	-.415	-.415	0	%100
8	MP1A	Z	.24	.24	0	%100
9	M43	X	-.131	-.131	0	%100
10	M43	Z	.076	.076	0	%100
11	M46	X	-.262	-.262	0	%100
12	M46	Z	.151	.151	0	%100
13	M51B	X	-.669	-.669	0	%100
14	M51B	Z	.386	.386	0	%100
15	M52B	X	-.167	-.167	0	%100
16	M52B	Z	.097	.097	0	%100
17	M76	X	-.786	-.786	0	%100
18	M76	Z	.454	.454	0	%100
19	M77	X	-1.068	-1.068	0	%100
20	M77	Z	.617	.617	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,%]
21	M80	X	-1.125	-1.125	0	%100
22	M80	Z	.649	.649	0	%100
23	M84	X	-.786	-.786	0	%100
24	M84	Z	.454	.454	0	%100
25	M85	X	-.267	-.267	0	%100
26	M85	Z	.154	.154	0	%100
27	M91	X	-.281	-.281	0	%100
28	M91	Z	.162	.162	0	%100
29	M28B	X	-.612	-.612	0	%100
30	M28B	Z	.353	.353	0	%100
31	M29	X	-.153	-.153	0	%100
32	M29	Z	.088	.088	0	%100
33	M30	X	0	0	0	%100
34	M30	Z	0	0	0	%100
35	M31	X	-.526	-.526	0	%100
36	M31	Z	.304	.304	0	%100
37	M32	X	-.526	-.526	0	%100
38	M32	Z	.304	.304	0	%100
39	M33	X	-1.049	-1.049	0	%100
40	M33	Z	.605	.605	0	%100
41	M34	X	-.167	-.167	0	%100
42	M34	Z	.097	.097	0	%100
43	M35	X	-.167	-.167	0	%100
44	M35	Z	.097	.097	0	%100
45	M38	X	0	0	0	%100
46	M38	Z	0	0	0	%100
47	M39	X	-.267	-.267	0	%100
48	M39	Z	.154	.154	0	%100
49	M41	X	-.281	-.281	0	%100
50	M41	Z	.162	.162	0	%100
51	M43A	X	0	0	0	%100
52	M43A	Z	0	0	0	%100
53	M44	X	-.267	-.267	0	%100
54	M44	Z	.154	.154	0	%100
55	M46A	X	-.281	-.281	0	%100
56	M46A	Z	.162	.162	0	%100
57	M54	X	-.465	-.465	0	%100
58	M54	Z	.269	.269	0	%100
59	M55	X	-.131	-.131	0	%100
60	M55	Z	.076	.076	0	%100
61	M56	X	-.131	-.131	0	%100
62	M56	Z	.076	.076	0	%100
63	M57	X	-.262	-.262	0	%100
64	M57	Z	.151	.151	0	%100
65	M58A	X	-.167	-.167	0	%100
66	M58A	Z	.097	.097	0	%100
67	M59A	X	-.669	-.669	0	%100
68	M59A	Z	.386	.386	0	%100
69	M62	X	-.786	-.786	0	%100
70	M62	Z	.454	.454	0	%100
71	M63	X	-.267	-.267	0	%100
72	M63	Z	.154	.154	0	%100



	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
73	M65	X	-.281	-.281	0	%100
74	M65	Z	.162	.162	0	%100
75	M67	X	-.786	-.786	0	%100
76	M67	Z	.454	.454	0	%100
77	M68	X	-1.068	-1.068	0	%100
78	M68	Z	.617	.617	0	%100
79	M70	X	-1.125	-1.125	0	%100
80	M70	Z	.649	.649	0	%100
81	MP2A	X	-.415	-.415	0	%100
82	MP2A	Z	.24	.24	0	%100
83	MP3A	X	-.502	-.502	0	%100
84	MP3A	Z	.29	.29	0	%100
85	MP4A	X	-.415	-.415	0	%100
86	MP4A	Z	.24	.24	0	%100
87	MP5A	X	-.415	-.415	0	%100
88	MP5A	Z	.24	.24	0	%100
89	MP1C	X	-.415	-.415	0	%100
90	MP1C	Z	.24	.24	0	%100
91	MP2C	X	-.415	-.415	0	%100
92	MP2C	Z	.24	.24	0	%100
93	MP3C	X	-.502	-.502	0	%100
94	MP3C	Z	.29	.29	0	%100
95	MP4C	X	-.415	-.415	0	%100
96	MP4C	Z	.24	.24	0	%100
97	MP5C	X	-.415	-.415	0	%100
98	MP5C	Z	.24	.24	0	%100
99	MP1B	X	-.415	-.415	0	%100
100	MP1B	Z	.24	.24	0	%100
101	MP2B	X	-.415	-.415	0	%100
102	MP2B	Z	.24	.24	0	%100
103	MP3B	X	-.502	-.502	0	%100
104	MP3B	Z	.29	.29	0	%100
105	MP4B	X	-.415	-.415	0	%100
106	MP4B	Z	.24	.24	0	%100
107	MP5B	X	-.415	-.415	0	%100
108	MP5B	Z	.24	.24	0	%100
109	M106	X	-.339	-.339	0	%100
110	M106	Z	.196	.196	0	%100
111	M108	X	-.339	-.339	0	%100
112	M108	Z	.196	.196	0	%100
113	M110	X	-.126	-.126	0	%100
114	M110	Z	.073	.073	0	%100
115	M116	X	-.502	-.502	0	%100
116	M116	Z	.29	.29	0	%100
117	M122	X	-.126	-.126	0	%100
118	M122	Z	.073	.073	0	%100
119	M134	X	-.165	-.165	0	%100
120	M134	Z	.095	.095	0	%100
121	M135	X	-.659	-.659	0	%100
122	M135	Z	.381	.381	0	%100
123	M136	X	-.165	-.165	0	%100
124	M136	Z	.095	.095	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	-.717	-.717	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	MP1A	X	-.479	-.479	0	%100
8	MP1A	Z	0	0	0	%100
9	M43	X	0	0	0	%100
10	M43	Z	0	0	0	%100
11	M46	X	0	0	0	%100
12	M46	Z	0	0	0	%100
13	M51B	X	-.579	-.579	0	%100
14	M51B	Z	0	0	0	%100
15	M52B	X	-.579	-.579	0	%100
16	M52B	Z	0	0	0	%100
17	M76	X	-1.211	-1.211	0	%100
18	M76	Z	0	0	0	%100
19	M77	X	-.925	-.925	0	%100
20	M77	Z	0	0	0	%100
21	M80	X	-.974	-.974	0	%100
22	M80	Z	0	0	0	%100
23	M84	X	-1.211	-1.211	0	%100
24	M84	Z	0	0	0	%100
25	M85	X	-.925	-.925	0	%100
26	M85	Z	0	0	0	%100
27	M91	X	-.974	-.974	0	%100
28	M91	Z	0	0	0	%100
29	M28B	X	-.53	-.53	0	%100
30	M28B	Z	0	0	0	%100
31	M29	X	-.53	-.53	0	%100
32	M29	Z	0	0	0	%100
33	M30	X	-.179	-.179	0	%100
34	M30	Z	0	0	0	%100
35	M31	X	-.455	-.455	0	%100
36	M31	Z	0	0	0	%100
37	M32	X	-.455	-.455	0	%100
38	M32	Z	0	0	0	%100
39	M33	X	-.908	-.908	0	%100
40	M33	Z	0	0	0	%100
41	M34	X	-.579	-.579	0	%100
42	M34	Z	0	0	0	%100
43	M35	X	0	0	0	%100
44	M35	Z	0	0	0	%100
45	M38	X	-.303	-.303	0	%100
46	M38	Z	0	0	0	%100
47	M39	X	-.925	-.925	0	%100
48	M39	Z	0	0	0	%100
49	M41	X	-.974	-.974	0	%100
50	M41	Z	0	0	0	%100
51	M43A	X	-.303	-.303	0	%100
52	M43A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
53	M44	X	0	0	0	%100
54	M44	Z	0	0	0	%100
55	M46A	X	0	0	0	%100
56	M46A	Z	0	0	0	%100
57	M54	X	-.179	-.179	0	%100
58	M54	Z	0	0	0	%100
59	M55	X	-.455	-.455	0	%100
60	M55	Z	0	0	0	%100
61	M56	X	-.455	-.455	0	%100
62	M56	Z	0	0	0	%100
63	M57	X	-.908	-.908	0	%100
64	M57	Z	0	0	0	%100
65	M58A	X	0	0	0	%100
66	M58A	Z	0	0	0	%100
67	M59A	X	-.579	-.579	0	%100
68	M59A	Z	0	0	0	%100
69	M62	X	-.303	-.303	0	%100
70	M62	Z	0	0	0	%100
71	M63	X	0	0	0	%100
72	M63	Z	0	0	0	%100
73	M65	X	0	0	0	%100
74	M65	Z	0	0	0	%100
75	M67	X	-.303	-.303	0	%100
76	M67	Z	0	0	0	%100
77	M68	X	-.925	-.925	0	%100
78	M68	Z	0	0	0	%100
79	M70	X	-.974	-.974	0	%100
80	M70	Z	0	0	0	%100
81	MP2A	X	-.479	-.479	0	%100
82	MP2A	Z	0	0	0	%100
83	MP3A	X	-.58	-.58	0	%100
84	MP3A	Z	0	0	0	%100
85	MP4A	X	-.479	-.479	0	%100
86	MP4A	Z	0	0	0	%100
87	MP5A	X	-.479	-.479	0	%100
88	MP5A	Z	0	0	0	%100
89	MP1C	X	-.479	-.479	0	%100
90	MP1C	Z	0	0	0	%100
91	MP2C	X	-.479	-.479	0	%100
92	MP2C	Z	0	0	0	%100
93	MP3C	X	-.58	-.58	0	%100
94	MP3C	Z	0	0	0	%100
95	MP4C	X	-.479	-.479	0	%100
96	MP4C	Z	0	0	0	%100
97	MP5C	X	-.479	-.479	0	%100
98	MP5C	Z	0	0	0	%100
99	MP1B	X	-.479	-.479	0	%100
100	MP1B	Z	0	0	0	%100
101	MP2B	X	-.479	-.479	0	%100
102	MP2B	Z	0	0	0	%100
103	MP3B	X	-.58	-.58	0	%100
104	MP3B	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
105	MP4B	X	-.479	-.479	0	%100
106	MP4B	Z	0	0	0	%100
107	MP5B	X	-.479	-.479	0	%100
108	MP5B	Z	0	0	0	%100
109	M106	X	-.392	-.392	0	%100
110	M106	Z	0	0	0	%100
111	M108	X	-.392	-.392	0	%100
112	M108	Z	0	0	0	%100
113	M110	X	0	0	0	%100
114	M110	Z	0	0	0	%100
115	M116	X	-.435	-.435	0	%100
116	M116	Z	0	0	0	%100
117	M122	X	-.435	-.435	0	%100
118	M122	Z	0	0	0	%100
119	M134	X	0	0	0	%100
120	M134	Z	0	0	0	%100
121	M135	X	-.571	-.571	0	%100
122	M135	Z	0	0	0	%100
123	M136	X	-.571	-.571	0	%100
124	M136	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	-.153	-.153	0	%100
2	M1	Z	-.088	-.088	0	%100
3	M4	X	-.465	-.465	0	%100
4	M4	Z	-.269	-.269	0	%100
5	M10	X	-.131	-.131	0	%100
6	M10	Z	-.076	-.076	0	%100
7	MP1A	X	-.415	-.415	0	%100
8	MP1A	Z	-.24	-.24	0	%100
9	M43	X	-.131	-.131	0	%100
10	M43	Z	-.076	-.076	0	%100
11	M46	X	-.262	-.262	0	%100
12	M46	Z	-.151	-.151	0	%100
13	M51B	X	-.167	-.167	0	%100
14	M51B	Z	-.097	-.097	0	%100
15	M52B	X	-.669	-.669	0	%100
16	M52B	Z	-.386	-.386	0	%100
17	M76	X	-.786	-.786	0	%100
18	M76	Z	-.454	-.454	0	%100
19	M77	X	-.267	-.267	0	%100
20	M77	Z	-.154	-.154	0	%100
21	M80	X	-.281	-.281	0	%100
22	M80	Z	-.162	-.162	0	%100
23	M84	X	-.786	-.786	0	%100
24	M84	Z	-.454	-.454	0	%100
25	M85	X	-1.068	-1.068	0	%100
26	M85	Z	-.617	-.617	0	%100
27	M91	X	-1.125	-1.125	0	%100
28	M91	Z	-.649	-.649	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,%]
29	M28B	X	- .153	- .153	0	%100
30	M28B	Z	- .088	- .088	0	%100
31	M29	X	- .612	- .612	0	%100
32	M29	Z	- .353	- .353	0	%100
33	M30	X	- .465	- .465	0	%100
34	M30	Z	- .269	- .269	0	%100
35	M31	X	- .131	- .131	0	%100
36	M31	Z	- .076	- .076	0	%100
37	M32	X	- .131	- .131	0	%100
38	M32	Z	- .076	- .076	0	%100
39	M33	X	- .262	- .262	0	%100
40	M33	Z	- .151	- .151	0	%100
41	M34	X	- .669	- .669	0	%100
42	M34	Z	- .386	- .386	0	%100
43	M35	X	- .167	- .167	0	%100
44	M35	Z	- .097	- .097	0	%100
45	M38	X	- .786	- .786	0	%100
46	M38	Z	- .454	- .454	0	%100
47	M39	X	-1.068	-1.068	0	%100
48	M39	Z	- .617	- .617	0	%100
49	M41	X	-1.125	-1.125	0	%100
50	M41	Z	- .649	- .649	0	%100
51	M43A	X	- .786	- .786	0	%100
52	M43A	Z	- .454	- .454	0	%100
53	M44	X	- .267	- .267	0	%100
54	M44	Z	- .154	- .154	0	%100
55	M46A	X	- .281	- .281	0	%100
56	M46A	Z	- .162	- .162	0	%100
57	M54	X	0	0	0	%100
58	M54	Z	0	0	0	%100
59	M55	X	- .526	- .526	0	%100
60	M55	Z	- .304	- .304	0	%100
61	M56	X	- .526	- .526	0	%100
62	M56	Z	- .304	- .304	0	%100
63	M57	X	-1.049	-1.049	0	%100
64	M57	Z	- .605	- .605	0	%100
65	M58A	X	- .167	- .167	0	%100
66	M58A	Z	- .097	- .097	0	%100
67	M59A	X	- .167	- .167	0	%100
68	M59A	Z	- .097	- .097	0	%100
69	M62	X	0	0	0	%100
70	M62	Z	0	0	0	%100
71	M63	X	- .267	- .267	0	%100
72	M63	Z	- .154	- .154	0	%100
73	M65	X	- .281	- .281	0	%100
74	M65	Z	- .162	- .162	0	%100
75	M67	X	0	0	0	%100
76	M67	Z	0	0	0	%100
77	M68	X	- .267	- .267	0	%100
78	M68	Z	- .154	- .154	0	%100
79	M70	X	- .281	- .281	0	%100
80	M70	Z	- .162	- .162	0	%100

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

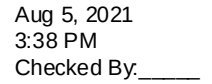
	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
81	MP2A	X	-.415	-.415	0	%100
82	MP2A	Z	-.24	-.24	0	%100
83	MP3A	X	-.502	-.502	0	%100
84	MP3A	Z	-.29	-.29	0	%100
85	MP4A	X	-.415	-.415	0	%100
86	MP4A	Z	-.24	-.24	0	%100
87	MP5A	X	-.415	-.415	0	%100
88	MP5A	Z	-.24	-.24	0	%100
89	MP1C	X	-.415	-.415	0	%100
90	MP1C	Z	-.24	-.24	0	%100
91	MP2C	X	-.415	-.415	0	%100
92	MP2C	Z	-.24	-.24	0	%100
93	MP3C	X	-.502	-.502	0	%100
94	MP3C	Z	-.29	-.29	0	%100
95	MP4C	X	-.415	-.415	0	%100
96	MP4C	Z	-.24	-.24	0	%100
97	MP5C	X	-.415	-.415	0	%100
98	MP5C	Z	-.24	-.24	0	%100
99	MP1B	X	-.415	-.415	0	%100
100	MP1B	Z	-.24	-.24	0	%100
101	MP2B	X	-.415	-.415	0	%100
102	MP2B	Z	-.24	-.24	0	%100
103	MP3B	X	-.502	-.502	0	%100
104	MP3B	Z	-.29	-.29	0	%100
105	MP4B	X	-.415	-.415	0	%100
106	MP4B	Z	-.24	-.24	0	%100
107	MP5B	X	-.415	-.415	0	%100
108	MP5B	Z	-.24	-.24	0	%100
109	M106	X	-.339	-.339	0	%100
110	M106	Z	-.196	-.196	0	%100
111	M108	X	-.339	-.339	0	%100
112	M108	Z	-.196	-.196	0	%100
113	M110	X	-.126	-.126	0	%100
114	M110	Z	-.073	-.073	0	%100
115	M116	X	-.126	-.126	0	%100
116	M116	Z	-.073	-.073	0	%100
117	M122	X	-.502	-.502	0	%100
118	M122	Z	-.29	-.29	0	%100
119	M134	X	-.165	-.165	0	%100
120	M134	Z	-.095	-.095	0	%100
121	M135	X	-.165	-.165	0	%100
122	M135	Z	-.095	-.095	0	%100
123	M136	X	-.659	-.659	0	%100
124	M136	Z	-.381	-.381	0	%100

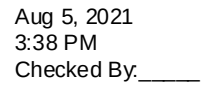
Member Distributed Loads (BLC 76 : Structure Wm (330 Deg))

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M1	X	-.265	-.265	0	%100
2	M1	Z	-.459	-.459	0	%100
3	M4	X	-.09	-.09	0	%100
4	M4	Z	-.155	-.155	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
5	M10	X	-.228	-.228	0	%100
6	M10	Z	-.394	-.394	0	%100
7	MP1A	X	-.24	-.24	0	%100
8	MP1A	Z	-.415	-.415	0	%100
9	M43	X	-.228	-.228	0	%100
10	M43	Z	-.394	-.394	0	%100
11	M46	X	-.454	-.454	0	%100
12	M46	Z	-.786	-.786	0	%100
13	M51B	X	0	0	0	%100
14	M51B	Z	0	0	0	%100
15	M52B	X	-.29	-.29	0	%100
16	M52B	Z	-.501	-.501	0	%100
17	M76	X	-.151	-.151	0	%100
18	M76	Z	-.262	-.262	0	%100
19	M77	X	0	0	0	%100
20	M77	Z	0	0	0	%100
21	M80	X	0	0	0	%100
22	M80	Z	0	0	0	%100
23	M84	X	-.151	-.151	0	%100
24	M84	Z	-.262	-.262	0	%100
25	M85	X	-.462	-.462	0	%100
26	M85	Z	-.801	-.801	0	%100
27	M91	X	-.487	-.487	0	%100
28	M91	Z	-.844	-.844	0	%100
29	M28B	X	0	0	0	%100
30	M28B	Z	0	0	0	%100
31	M29	X	-.265	-.265	0	%100
32	M29	Z	-.459	-.459	0	%100
33	M30	X	-.358	-.358	0	%100
34	M30	Z	-.621	-.621	0	%100
35	M31	X	0	0	0	%100
36	M31	Z	0	0	0	%100
37	M32	X	0	0	0	%100
38	M32	Z	0	0	0	%100
39	M33	X	0	0	0	%100
40	M33	Z	0	0	0	%100
41	M34	X	-.29	-.29	0	%100
42	M34	Z	-.501	-.501	0	%100
43	M35	X	-.29	-.29	0	%100
44	M35	Z	-.501	-.501	0	%100
45	M38	X	-.605	-.605	0	%100
46	M38	Z	-1.049	-1.049	0	%100
47	M39	X	-.462	-.462	0	%100
48	M39	Z	-.801	-.801	0	%100
49	M41	X	-.487	-.487	0	%100
50	M41	Z	-.844	-.844	0	%100
51	M43A	X	-.605	-.605	0	%100
52	M43A	Z	-1.049	-1.049	0	%100
53	M44	X	-.462	-.462	0	%100
54	M44	Z	-.801	-.801	0	%100
55	M46A	X	-.487	-.487	0	%100
56	M46A	Z	-.844	-.844	0	%100





	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
109	M106	X	-.196	-.196	0	%100
110	M106	Z	-.339	-.339	0	%100
111	M108	X	-.196	-.196	0	%100
112	M108	Z	-.339	-.339	0	%100
113	M110	X	-.218	-.218	0	%100
114	M110	Z	-.377	-.377	0	%100
115	M116	X	0	0	0	%100
116	M116	Z	0	0	0	%100
117	M122	X	-.218	-.218	0	%100
118	M122	Z	-.377	-.377	0	%100
119	M134	X	-.285	-.285	0	%100
120	M134	Z	-.494	-.494	0	%100
121	M135	X	0	0	0	%100
122	M135	Z	0	0	0	%100
123	M136	X	-.285	-.285	0	%100
124	M136	Z	-.494	-.494	0	%100

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%)	End Location[ft,%)
1	M51B	Y	-2.372	-4.984	0	.837
2	M51B	Y	-4.984	-6.338	.837	1.674
3	M51B	Y	-6.338	-7.809	1.674	2.511
4	M51B	Y	-7.809	-6.649	2.511	3.349
5	M51B	Y	-6.649	-1.484	3.349	4.186
6	M52B	Y	-2.383	-6.312	0	.837
7	M52B	Y	-6.312	-8.445	.837	1.674
8	M52B	Y	-8.445	-5.754	1.674	2.511
9	M52B	Y	-5.754	-2.742	2.511	3.349
10	M52B	Y	-2.742	-2.438	3.349	4.186
11	M34	Y	-2.372	-4.984	0	.837
12	M34	Y	-4.984	-6.338	.837	1.674
13	M34	Y	-6.338	-7.809	1.674	2.511
14	M34	Y	-7.809	-6.649	2.511	3.349
15	M34	Y	-6.649	-1.484	3.349	4.186
16	M35	Y	-2.383	-6.312	0	.837
17	M35	Y	-6.312	-8.445	.837	1.674
18	M35	Y	-8.445	-5.754	1.674	2.511
19	M35	Y	-5.754	-2.742	2.511	3.349
20	M35	Y	-2.742	-2.438	3.349	4.186
21	M58A	Y	-2.438	-2.742	0	.837
22	M58A	Y	-2.742	-5.754	.837	1.674
23	M58A	Y	-5.754	-8.445	1.674	2.511
24	M58A	Y	-8.445	-6.312	2.511	3.349
25	M58A	Y	-6.312	-2.383	3.349	4.186
26	M59A	Y	-1.484	-6.649	0	.837
27	M59A	Y	-6.649	-7.809	.837	1.674
28	M59A	Y	-7.809	-6.338	1.674	2.511
29	M59A	Y	-6.338	-4.984	2.511	3.349
30	M59A	Y	-4.984	-2.372	3.349	4.186

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M51B	Y	-7.592	-15.947	0	.837
2	M51B	Y	-15.947	-20.282	.837	1.674
3	M51B	Y	-20.282	-24.99	1.674	2.511
4	M51B	Y	-24.99	-21.277	2.511	3.349
5	M51B	Y	-21.277	-4.749	3.349	4.186
6	M52B	Y	-7.627	-20.2	0	.837
7	M52B	Y	-20.2	-27.023	.837	1.674
8	M52B	Y	-27.023	-18.411	1.674	2.511
9	M52B	Y	-18.411	-8.776	2.511	3.349
10	M52B	Y	-8.776	-7.802	3.349	4.186
11	M34	Y	-7.592	-15.947	0	.837
12	M34	Y	-15.947	-20.282	.837	1.674
13	M34	Y	-20.282	-24.99	1.674	2.511
14	M34	Y	-24.99	-21.277	2.511	3.349
15	M34	Y	-21.277	-4.749	3.349	4.186
16	M35	Y	-7.627	-20.2	0	.837
17	M35	Y	-20.2	-27.023	.837	1.674
18	M35	Y	-27.023	-18.411	1.674	2.511
19	M35	Y	-18.411	-8.776	2.511	3.349
20	M35	Y	-8.776	-7.802	3.349	4.186
21	M58A	Y	-7.802	-8.776	0	.837
22	M58A	Y	-8.776	-18.411	.837	1.674
23	M58A	Y	-18.411	-27.023	1.674	2.511
24	M58A	Y	-27.023	-20.2	2.511	3.349
25	M58A	Y	-20.2	-7.627	3.349	4.186
26	M59A	Y	-4.749	-21.277	0	.837
27	M59A	Y	-21.277	-24.99	.837	1.674
28	M59A	Y	-24.99	-20.282	1.674	2.511
29	M59A	Y	-20.282	-15.947	2.511	3.349
30	M59A	Y	-15.947	-7.592	3.349	4.186

Member Area Loads (BLC 39 : Structure D)

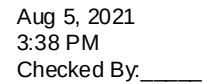
	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N40	N41	N55	N54A	Y	Two Way	-.005
2	N64	N63	N65	N66	Y	Two Way	-.005
3	N95	N94	N92	N93	Y	Two Way	-.005

Member Area Loads (BLC 40 : Structure Di)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N40	N41	N55	N54A	Y	Two Way	-.016
2	N64	N63	N65	N66	Y	Two Way	-.016
3	N95	N94	N92	N93	Y	Two Way	-.016

Envelope Joint Reactions

	Joint		X [lb]	LC	Y [lb]	LC	Z [lb]	LC	MX [k-ft]	LC	MY [k-ft]	LC	MZ [k-ft]	LC
1	N3	max	675.013	10	3343.936	13	2243.028	1	6.942	13	1.104	4	.123	22
2		min	-687.168	4	-135.437	7	-2380.977	7	-1.714	7	-1.113	10	-.065	4
3	N40B	max	2043.105	9	3441.87	21	1210.061	3	.968	3	1.119	12	1.536	3



Joint			X [lb]	LC	Y [lb]	LC	Z [lb]	LC	MX [k-ft]	LC	MY [k-ft]	LC	MZ [k-ft]	LC
4	N69	min	-2156.989	3	-111.531	3	-1134.935	9	-3.281	21	-1.136	6	-6.02	21
5		max	2132.534	11	3575.821	17	1300.141	12	.791	11	1.209	8	6.15	17
6		min	-2007.487	5	-59.764	11	-1233.938	6	-3.755	17	-1.227	2	-1.582	11
7	Totals:	max	4481.626	10	9425.977	18	4563.029	1						
8		min	-4481.628	4	3457.564	12	-4563.032	7						

	Member	Shape	Code C...	Loc[ft]	LC	Shear ...	Loc[ft]	Dir	LC	phi*Pnc [lb]	phi*Pnt [lb]	phi*Mn y...	phi*Mn z...	Cb	Eqn
1	M1	PIPE 3.0	.166	9.365	20	.134	5.135		6	21266.02	65205	5.749	5.749	2...	H1-1b
2	M4	HSS4X4X4	.431	0	13	.095	0	y	13	124770.52	139518	16.181	16.181	3...	H1-1b
3	M10	HSS4X4X4	.233	2.375	14	.084	2.375	y	13	136263.03	139518	16.181	16.181	1...	H1-1b
4	MP1A	PIPE 2.0	.368	2	7	.176	2		7	20866.733	32130	1.872	1.872	2...	H1-1b
5	M43	HSS4X4X4	.234	0	24	.081	0	y	13	136263.03	139518	16.181	16.181	1...	H1-1b
6	M46	PL1/2X6	.272	.516	8	.169	.516	y	11	66009.234	97200	1.012	12.15	1...	H1-1b
7	M51B	L2.5x2.5x3	.100	0	3	.016	0	y	16	16480.842	29192.4	.873	1.715	1...	H2-1
8	M52B	L2.5x2.5x3	.104	4.186	22	.017	4.186	y	22	16480.842	29192.4	.873	1.701	1...	H2-1
9	M76	PL3/8x6	.357	0	11	.417	0	y	16	70677.939	72900	.57	9.113	1...	H1-1b
10	M77	PL3/8x6	.346	.167	7	.756	0	y	13	71601.728	72900	.57	9.113	1...	H1-1b
11	M80	PL1/2X6	.158	.112	1	.177	0	y	11	96757.507	97200	1.012	12.15	1...	H1-1b
12	M84	PL3/8x6	.390	0	3	.469	0	y	22	70677.939	72900	.57	9.113	1...	H1-1b
13	M85	PL3/8x6	.353	.167	7	.757	0	y	13	71601.728	72900	.57	9.093	1...	H1-1b
14	M91	PL1/2X6	.158	.112	1	.177	.112	y	9	96757.507	97200	1.012	12.15	1...	H1-1b
15	M28B	PIPE 3.0	.173	9.516	16	.141	9.365		4	21266.02	65205	5.749	5.749	2...	H1-1b
16	M29	PIPE 3.0	.160	4.984	21	.133	9.365		12	21266.02	65205	5.749	5.749	2...	H1-1b
17	M30	HSS4X4X4	.426	0	21	.102	0	y	21	124770.52	139518	16.181	16.181	3...	H1-1b
18	M31	HSS4X4X4	.225	2.375	22	.082	2.375	y	21	136263.03	139518	16.181	16.181	1...	H1-1b
19	M32	HSS4X4X4	.229	0	20	.078	0	y	21	136263.03	139518	16.181	16.181	1...	H1-1b
20	M33	PL1/2X6	.270	.516	4	.160	1.031	y	12	66009.234	97200	1.012	12.15	1...	H1-1b
21	M34	L2.5x2.5x3	.098	0	11	.015	0	y	24	16480.842	29192.4	.873	1.715	1...	H2-1
22	M35	L2.5x2.5x3	.105	4.186	18	.017	4.186	y	18	16480.842	29192.4	.873	1.701	1...	H2-1
23	M38	PL3/8x6	.336	0	7	.393	0	y	23	70677.939	72900	.57	9.113	1...	H1-1b
24	M39	PL3/8x6	.340	.167	3	.733	0	y	21	71601.728	72900	.57	9.113	1...	H1-1b
25	M41	PL1/2X6	.155	.112	9	.173	0	y	7	96757.507	97200	1.012	12.15	1...	H1-1b
26	M43A	PL3/8x6	.370	0	11	.459	0	y	19	70677.939	72900	.57	9.113	1...	H1-1b
27	M44	PL3/8x6	.349	.167	3	.738	0	y	21	71601.728	72900	.57	9.083	1...	H1-1b
28	M46A	PL1/2X6	.159	.112	9	.179	.112	y	5	96757.507	97200	1.012	12.15	1...	H1-1b
29	M54	HSS4X4X4	.447	0	17	.107	0	y	17	124770.52	139518	16.181	16.181	3...	H1-1b

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

	Member	Shape	Code C...	Loc[ft]	LC	Shear ...	Loc[ft]	Dir	LC	phi*Pnc [lb]	phi*Pnt [lb]	phi*Mn y-...	phi*Mn z-...	Cb	Eqn
43	MP4A	PIPE 2.0	.437	4.5	5	.173	4.5		7	20866.733	32130	1.872	1.872	1...	H1-1b
44	MP5A	PIPE 2.0	.349	4.5	6	.202	2		7	20866.733	32130	1.872	1.872	2...	H1-1b
45	MP1C	PIPE 2.0	.380	2	3	.177	2		3	20866.733	32130	1.872	1.872	1...	H1-1b
46	MP2C	PIPE 2.0	.422	4.5	5	.166	4.5		3	20866.733	32130	1.872	1.872	2...	H1-1b
47	MP3C	PIPE 2.5	.369	5.5	6	.148	5.5		12	30038.461	50715	3.596	3.596	3...	H1-1b
48	MP4C	PIPE 2.0	.412	4.5	1	.182	4.5		3	20866.733	32130	1.872	1.872	2...	H1-1b
49	MP5C	PIPE 2.0	.336	2	2	.200	2		3	20866.733	32130	1.872	1.872	2...	H1-1b
50	MP1B	PIPE 2.0	.375	2	11	.181	2		11	20866.733	32130	1.872	1.872	1...	H1-1b
51	MP2B	PIPE 2.0	.407	4.5	1	.167	4.5		11	20866.733	32130	1.872	1.872	2...	H1-1b
52	MP3B	PIPE 2.5	.358	5.5	2	.143	5.5		8	30038.461	50715	3.596	3.596	3...	H1-1b
53	MP4B	PIPE 2.0	.420	4.5	9	.169	4.5		11	20866.733	32130	1.872	1.872	2...	H1-1b
54	MP5B	PIPE 2.0	.343	4.5	10	.177	2		11	20866.733	32130	1.872	1.872	2...	H1-1b
55	M106	PIPE 2.0	.108	2.5	7	.014	2.5		7	28843.414	32130	1.872	1.872	1...	H1-1b
56	M108	PIPE 2.0	.108	2.5	7	.014	2.5		7	28843.414	32130	1.872	1.872	1...	H1-1b
57	M110	PIPE 2.5	.263	11.391	4	.162	2.813		6	12481.817	50715	3.596	3.596	1...	H1-1b
58	M116	PIPE 2.5	.268	11.391	1	.167	6.75		4	12481.817	50715	3.596	3.596	1...	H1-1b
59	M122	PIPE 2.5	.268	11.391	8	.166	10.266		12	12481.817	50715	3.596	3.596	1...	H1-1b
60	M134	L3X3X4	.631	2.564	10	.055	0	y	10	40330.97	46656	1.688	3.756	2...	H2-1
61	M135	L3X3X4	.611	2.564	6	.054	0	y	6	40330.97	46656	1.688	3.756	2...	H2-1
62	M136	L3X3X4	.646	2.564	2	.057	0	y	2	40330.97	46656	1.688	3.756	2...	H2-1



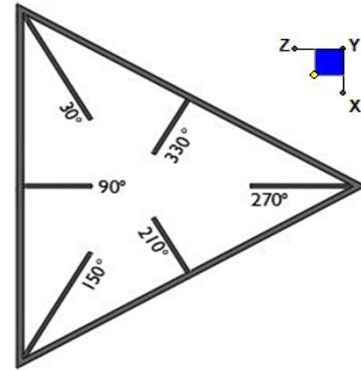
Client:	Verizon Wireless	Date:	8/5/2021
Site Name:	COVENTRY NORTH CT		
Project No.	21777112A		
Title:	Antenna Mount Analysis	Page:	1

Version 3.1

I. Mount-to-Tower Connection Check

RISA Model Data

Nodes (labeled per RISA)	Orientation (per graphic of typical platform)
N3	270
N40B	30
N69	150



TYPICAL PLATFORM

Tower Connection Bolt Checks

Any moment resistance?:

Bolt Quantity per Reaction:

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

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

Bolt Type:

Bolt Diameter (in):

Required Tensile Strength (kips):

Required Shear Strength (kips):

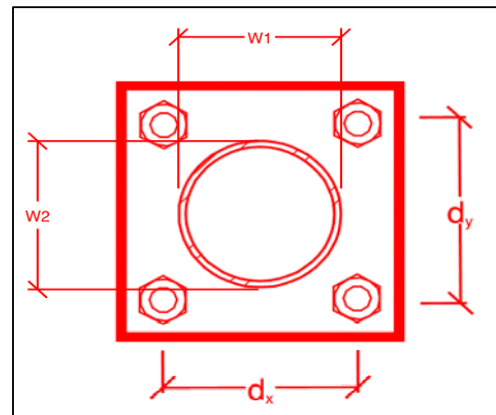
Tensile Strength / bolt (kips):

Shear Strength / bolt (kips):

Tensile Capacity Overall:

Shear Capacity Overall:

yes
4
7
7
A325N
0.625
28.3
5.0
20.7
12.4
34.1%*
10.1%



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

Tower Connection Plate and Weld Check

Connecting Standoff Member Shape:

Plate Width (in):

Plate Height (in):

W1 (in):

W2 (in):

Fy (ksi, plate):

t_{plate} (in):

Weld Size (1/16 in):

ΦR_n (kip/in):

Required Weld Strength (kip/in):

Plate Bending Capacity:

Weld Capacity:

Rect
10
10
4
4
36
0.625
6
8.35
4.09
59.6%
48.9%

Max Plate Bending Strengths

$M_{u_{xx}}$ (kip-in):	18.8
$\Phi M_{n_{xx}}$ (kip-in):	31.6
$M_{u_{yy}}$ (kip-in):	0.0
$\Phi M_{n_{yy}}$ (kip-in):	31.6

Mount Desktop – Post Modification Inspection (PMI) Report Requirements

Documents & Photos Required from Contractor – Mount Modification

Purpose – to provide Maser Consulting Connecticut the proper documentation in order to complete the required Mount Desktop review of the Post Modification Inspection Report.

- Contractor is responsible for making certain the photos provided as noted below provide confirmation that the 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:

- 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) must be shown.
- Notation that all hardware was properly installed, and the existing hardware was inspected for any issues.
- Verification that loading is as communicated in the modification drawings. NOTE If loading is different than what is conveyed in the modification drawing contact Maser Consulting Connecticut immediately.
- Each photo should be time and date stamped
- Photos should be high resolution and submitted in a Zip File and should be organized in the file structure as depicted in Schedule A attached.
- Contractor shall ensure that the safety climb wire rope is supported and not adversely impacted by the install of the modification components. This may involve the install of wire rope guides, or other items to protect the wire rope.
- The photos in the file structure should be uploaded to <https://pmi.vzwsmart.com> as depicted on the drawings

Photo Requirements:

- Base and “During Installation Photos”
 - Base pictures include
 - Photo of Gate Signs showing the tower owner, site name, and number
 - Photo of carrier shelter showing the carrier site name and number if available
 - Photos of the galvanizing compound and/or paint used (if applicable), clearly showing the label and name
 - “During Installation Photos if provided - must be placed only in this folder
- Photos taken at ground level
 - Overall tower structure before and after installation of the modifications
 - Photos of the appropriate mount before and 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 each individual sector before and also after installation of modifications. Each entire sector must be in one photo to show in the inter-connection of members.
 - These photos should also certify that the placement and geometry of the equipment on the mount is as depicted on the sketch and table in the mount analysis
 - Close-up photos of each installed modification per the modification drawings; pictures should also include connection hardware (U-bolts, bolts, nuts, all-threaded rods, etc.)
 - Photos showing the measurements of the installed modification member sizes (i.e. lengths, widths, depths, diameters, thicknesses)
 - Photos showing the elevation or distances of the installed modifications from the appropriate reference locations shown in the modification drawings
 - Photos showing the installed modifications onto the tower with tape drop measurements (if applicable) (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, a tape drop measurement shall be provided before the elevation change
 - 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.

Material Certification:

- Materials utilized must be as per specification on the drawings or the equivalent as validated by Maser Consulting Connecticut.
 - If the drawings are as specified on the drawings
 - The contractor should provide the packing list or the materials utilized to perform the mount modification
 - If an equivalent is utilized
 - It is required that the Maser Consulting Connecticut certification of such is included in the contractor submission package. There may be an additional charge for this certification if the equivalent submission doesn't meet specifications as prescribed in the drawings.
- The contractor must certify that the materials meet these specifications by one of these methods.

☐ The Material utilized was as specified on the Maser Consulting Connecticut Mount Modification Drawings and included in the Material certification folder is a packing list or invoice for these materials

☐ The material utilized was an "equivalent" and included as part of the contractor submission is the Maser Consulting Connecticut certification, invoices, or specifications validating accepted status

Certifying Individual: Company _____

Name _____

Signature _____

Antenna & equipment placement and Geometry Confirmation:

- The contractor must certify that the antenna & equipment placement and geometry is in accordance with the antenna placement diagrams as included in this mount analysis.
- ☐ The contractor certifies that the photos support and the equipment on the mount is as depicted on the antenna placement diagrams as included in this mount analysis.
- ☐ The contractor notes that the equipment on the mount is not in accordance with the antenna placement diagrams and has accordingly marked up the diagrams or provided a diagram outlining the differences.

Certifying Individual: Company _____

Name _____

Signature _____

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

Issue:

Install new 36" long P2.0 STD pipes on the existing standoff horizontal member between Alpha & Beta and Alpha & Gamma sectors for new OVPs - connect to standoff using crossover plates (Site Pro 1 Part #: SQCX4-K or EOR approved equivalent)

Contractor shall install safety climb wire rope guide (Part #: Site Pro 1 - 120-203/317 or EOR approved equal) in locations where the wire rope is rubbing against mount to tower attachments. Contractor shall provide photos of safety climb wire rope guide installation.

Response:

Schedule A – Photo & Document File Structure

-  VzW Site Number / Name
 -  Base & “During Installation” Photos
 -  Pre-Installation Photos
 -  Alpha
 -  Beta
 -  Gamma
 -  Ground Level
 -  Tape Drop
 -  Post-Installation Photos
 -  Alpha
 -  Beta
 -  Gamma
 -  Ground Level
 -  Tape Drop
 -  Photos of climbing facility and safety climb – If Present
-  Certifications – Submission of this document including certifications
-  Specific Required Additional Photos

Sector: A

8/5/2021

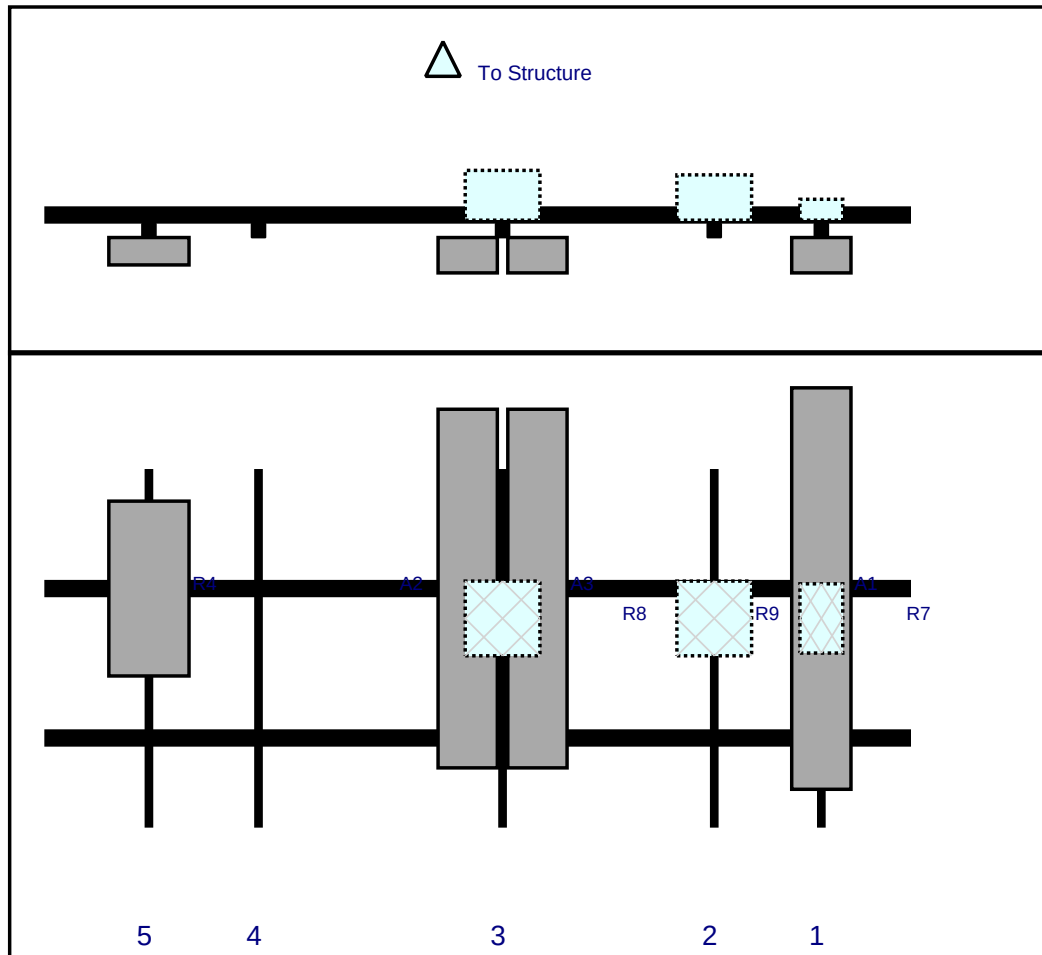
Structure Type: Monopole

10039582

Mount Elev: 124.50

Page: 1

Plan View



Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A1	LNx-6514DS-A1M	80.6	11.9	156	1	a	Front	24	0	Added	
R7	CBRS RRH - RT4401-48A	13.9	8.6	156	1	a	Behind	30	0	Added	
R9	RF4440d-13A	15	15	134.5	2	a	Behind	30	0	Added	
A2	NHH-65B-R2B	72	11.9	92	3	a	Front	24	-7	Added	
A3	NHHSS-65B-R2BT0	72	11.9	92	3	a	Front	24	7	Added	
R8	RF4439d-25A	15	15	92	3	a	Behind	30	0	Added	
R4	MT6407-77A	35.1	16.1	21	5	a	Front	24	0	Added	

Sector: **B**

8/5/2021

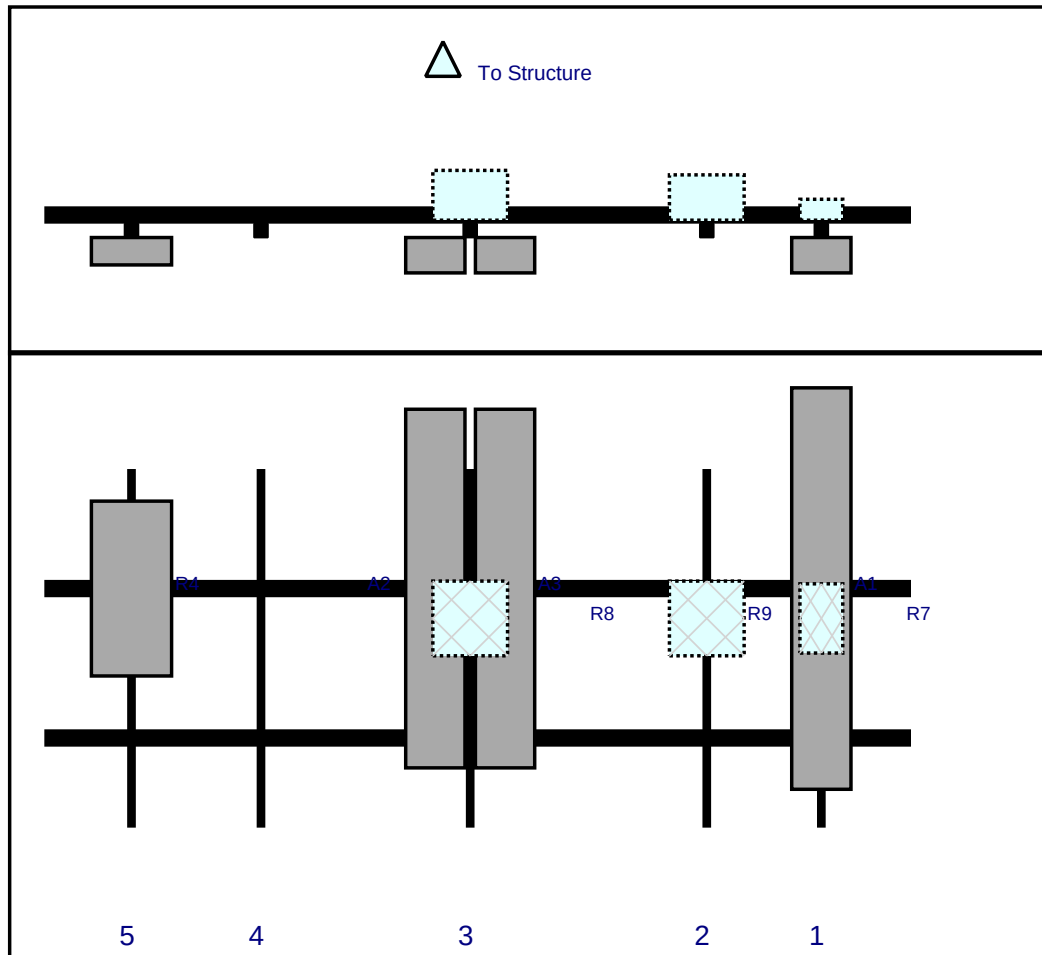
Structure Type: Monopole

10039582

Mount Elev: 124.50

Page: 2

Plan View

Front View
Looking at Structure

Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A1	LNx-6514DS-A1M	80.6	11.9	156	1	a	Front	24	0	Added	
R7	CBRS RRH - RT4401-48A	13.9	8.6	156	1	a	Behind	30	0	Added	
R9	RF4440d-13A	15	15	133	2	a	Behind	30	0	Added	
A2	NHH-65B-R2B	72	11.9	85.5	3	a	Front	24	-7	Added	
A3	NHHSS-65B-R2BT0	72	11.9	85.5	3	a	Front	24	7	Added	
R8	RF4439d-25A	15	15	85.5	3	a	Behind	30	0	Added	
R4	MT6407-77A	35.1	16.1	17.5	5	a	Front	24	0	Added	

Sector: C

8/5/2021

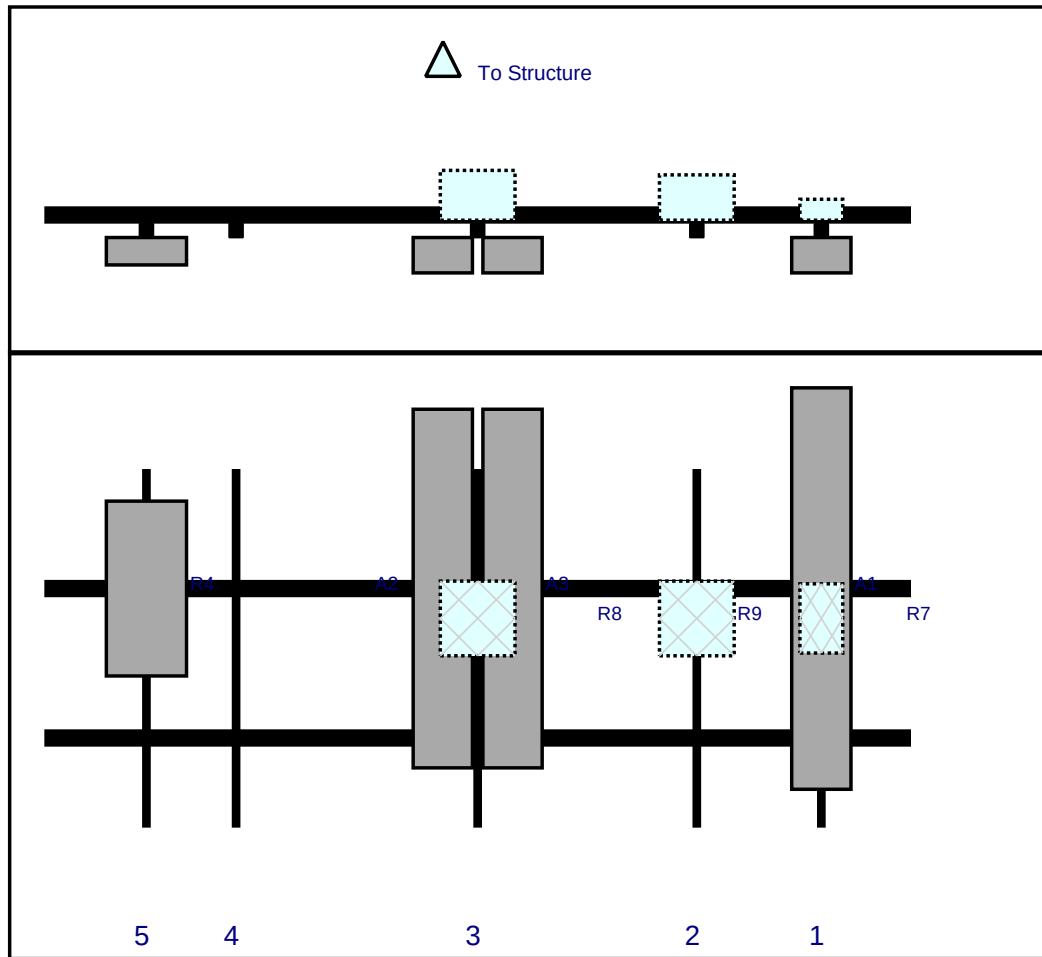
Structure Type: Monopole

10039582

Mount Elev: 124.50

Page: 3

Plan View

Front View
Looking at Structure

Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A1	LNx-6514DS-A1M	80.6	11.9	156	1	a	Front	24	0	Added	
R7	CBRS RRH - RT4401-48A	13.9	8.6	156	1	a	Behind	30	0	Added	
R9	RF4440d-13A	15	15	131	2	a	Behind	30	0	Added	
A2	NHH-65B-R2B	72	11.9	87	3	a	Front	24	-7	Added	
A3	NHHSS-65B-R2BT0	72	11.9	87	3	a	Front	24	7	Added	
R8	RF4439d-25A	15	15	87	3	a	Behind	30	0	Added	
R4	MT6407-77A	35.1	16.1	20.5	5	a	Front	24	0	Added	



Subject

TIA-222-H Adoption and Wind Speed Usage

Site Information

Site ID: 467222-VZW / COVENTRY NORTH CT
Site Name: COVENTRY NORTH CT
Carrier Name: Verizon Wireless
Address: 400 Riley Mountain Rd
Coventry, Connecticut 06238
Tolland County
Latitude: 41.801389°
Longitude: -72.328333°

Structure Information

Tower Type: Monopole
Mount Type: 14.50-Ft Platform

To Whom It May Concern,

We respectfully submit the above referenced Antenna Mount Structural Analysis report in conformance with ANSI/TIA-222-H, Structural Standard for Antenna Supporting Structures and Antennas and Small Wind Turbine Support Structures.

The 2015 International Building Code states that, in Section 3108, telecommunication towers shall be designed and constructed in accordance with the provisions of TIA-222. The TIA-222-H is the latest revision of the TIA-222 Standard, effective as of January 01, 2018.

As with all ANSI standards and engineering best practice is to apply the most current revision of the standard. This ensures the engineer is applying all updates. As an example, the TIA-222-H standard includes updates to bring it in line with the latest AISC and ACI standards and it also incorporates the latest wind speed maps by ASCE 7 based on updated studies of the wind data.

The TIA-222-H standard clarifies these specific requirements for the antenna mount analysis such as modeling methods, seismic analysis, 30-degree increment wind directions and maintenance loading. Therefore, it is our opinion that TIA-222-H is the most appropriate standard for antenna mount structural analysis and is acceptable for use at this site to ensure the engineer is taking into account the most current engineering standard available.

Sincerely,

Justin Linette, PE
Technical Manager

Exhibit F

Power Density/RF Emissions Report

Site Name: **COVENTRY NORTH CT**
Cumulative Power Density

Operator	Operating Frequency	Number of Trans.	ERP Per Trans.	Total ERP	Distance to Target	Calculated Power Density	Maximum Permissible Exposure*	Fraction of MPE
	(MHz)		(watts)	(watts)	(feet)	(mW/cm^2)	(mW/cm^2)	(%)
VZW 700	751	4	689	2756	127	0.0061	0.5007	1.23%
VZW CDMA	869	2	394	789	127	0.0018	0.5793	0.30%
VZW Cellular	869	4	697	2788	127	0.0062	0.5793	1.07%
VZW PCS	1980	4	1486	5944	127	0.0133	1.0000	1.33%
VZW AWS	2125	4	1429	5716	127	0.0127	1.0000	1.27%
VZW CBAND	3730	4	6531	26124	127	0.0582	1.0000	5.82%
VZW CBRS	3625	4	12	48	127	0.0001	1.0000	0.01%
Total Percentage of Maximum Permissible Exposure								11.04%

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

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

MHz = Megahertz

mW/cm^2 = milliwatts per square centimeter

ERP = Effective Radiated Power

Absolute worst case maximum values used.