NORTHEAST SITE SOLUTIONS

Turnkey Wireless Development

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

July 13, 2021

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

RE: Exempt Modification Application
123 Campville Road, Harwinton CT, 06791
Latitude: 41.736678
Longitude: -73.097033
Site#: 876376_ Crown_VZW

Dear Ms. Bachman:

Verizon Wireless is requesting to file an exempt modification for an existing tower located at 123 Campville Road, Harwinton CT, 06791. Verizon Wireless currently maintains twelve (12) antennas at the 154-foot level of the existing 177-foot tower. The property is owned by Harwinton Rod and Gun Club and the tower is owned by Crown Castle. Verizon now intends to add three (3) antenna. The new antennas would be installed at the 154-foot level of the tower. This modification includes B2, B5 hardware that is both 4G (LTE), and **5G** capable. Antenna mount medications will be completed as per the attached Maser mount analysis dated May 6, 2021.

Verizon Planned Modifications:
Remove: NONE

Remove and Replace:
(3) Antel-BXA-70063-6CF Antenna (REMOVE) - (3) Quintel QS6656-5D Antenna
(3) Antenna Spare (Dummy model) (REMOVE) - (3) Samsung MT6407-77A Antenna

Install New:
(3) Quintel QS6656-5D Antenna
(1) Raycap
(3) Samsung B2/B66A -BRO49 – RFV01U-D1A RRU
(3) Samsung B5/B13 -BRO4C – RFV01U-D2A RRU

Existing to Remain:
(4) LPA-80080-6CF-5 Antenna
(2) LPA-80063-6CF-5 Antenna
(6) Coax Lines
(1) 1-5/8" Hybrid

The facility was approved by the Town of Harwinton Zoning Commission by way of a Special Use Permit on June 26, 2000. Verizon was approved on January 13, 2004 by the CT Siting Council EM-VER-06+6-040108. Please see attached

Please accept this letter as notification pursuant to Regulations of Connecticut State Agencies§ 16- SOj-73, for construction that constitutes an exempt modification pursuant to R.C.S.A. § 16-50j-72(b)(2). In accordance with R.C.SA. § 16-SOj-73, a copy of this letter is being sent to Michael R. Criss, First Selectman, and Jeffrey Neumann, Building Official, for the Town of Harwinton. A copy is also being sent to the tower owner, and property owner.

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

1. The proposed modifications will not result in an increase in the height of the existing structure.

2. The proposed modifications will not require the extension of the site boundary.

3. The proposed modifications will not increase noise levels at the facility by six decibels or more, or to levels that exceed state and local criteria.

4. The operation of the replacement antennas will not increase radio frequency emissions at the facility to a level at or above the Federal Communications Commission safety standard.

5. The proposed modifications will not cause a change or alteration in the physical or environmental characteristics of the site.

6. The existing structure and its foundation can support the proposed loading.

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

Sincerely,

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

Attachments
cc: Michael R. Criss, First Selectman (via email only to mcriss@harwinton.us)
Town of Harwinton 100 Bentley Drive Harwinton CT, 06791

Jeffrey Neumann, Building Official (via email only to building@harwinton.us)
Polly Redmond, Land Use Coordinator (via email only to landuse@harwinton.us)
Town of Harwinton 100 Bentley Drive Harwinton CT, 06791

Harwinton Rod and Gun Club, Property Owner
PO Box 181, Harwinton CT 06791

Crown Castle Tower Owner (via email to Sarah.Snell@crowncastle.com)

Exhibit A

Original Facility Approval

STATE OF CONNECTICUT
CONNECTICUT SITING COUNCIL
Ten Franklin Square, New Britain, CT 06051
Phone: (860) 827-2935 Fax: (860) 827-2950
E-Mail: siting.council@po.state.ct.us
Web Site: www.ct.gov/csc

February 4, 2004

Kenneth C. Baldwin
Robinson & Cole
280 Trumbull Street
Hartford, CT 06103-3597

RE: **EM-VER-066-040108** - Cellco Partnership d/b/a Verizon Wireless notice of intent to modify an existing telecommunications facility located at 123 Campville Hill Road, Harwinton, Connecticut.

Dear Attorney Baldwin:

At a public meeting held on February 3, 2004, the Connecticut Siting Council (Council) acknowledged your notice to modify this existing telecommunications facility, pursuant to Section 16-50j-73 of the Regulations of Connecticut State Agencies.

The proposed modifications are to be implemented as specified here and in your notice dated January 8, 2004. The modifications are in compliance with the exception criteria in Section 16-50j-72 (b) of the Regulations of Connecticut State Agencies as changes to an existing facility site that would not increase tower height, extend the boundaries of the tower site, increase noise levels at the tower site boundary by six decibels, and increase the total radio frequencies electromagnetic radiation power density measured at the tower site boundary to or above the standard adopted by the State Department of Environmental Protection pursuant to General Statutes § 22a-162. This facility has also been carefully modeled to ensure that radio frequency emissions are conservatively below State and federal standards applicable to the frequencies now used on this tower.

This decision is under the exclusive jurisdiction of the Council. Any additional change to this facility will require explicit notice to this agency pursuant to Regulations of Connecticut State Agencies Section 16-50j-73. Such notice shall include all relevant information regarding the proposed change with cumulative worst-case modeling of radio frequency exposure at the closest point of uncontrolled access to the tower base, consistent with Federal Communications Commission, Office of Engineering and Technology, Bulletin 65. Any deviation from this format may result in the Council implementing enforcement proceedings pursuant to General Statutes § 16-50u including, without limitation, imposition of expenses resulting from such failure and of civil penalties in an amount not less than one thousand dollars per day for each day of construction or operation in material violation.

Thank you for your attention and cooperation.

Very truly yours,

Pamela B. Katz / [illegible]

Pamela B. Katz, P.E.
Chairman

PBK/laf

c: Honorable Marie M. Knudsen, First Selectman, Town of Harwinton
William J. Tracy, Jr., Planning Chairman, Town of Harwinton
Thomas J. Regan, Esq., Brown Rudnick Berlack Israels LLP
Stephen J. Humes, Esq., LeBoeuf, Lamb, Green & MacRae LLP
Christopher B. Fisher, Esq., Cuddy & Feder LLP

G:em\bam-ver\harwinton\dc020304.doc

CSC
CONNECTICUT SITING COUNCIL

STATE OF CONNECTICUT
CONNECTICUT SITING COUNCIL
Ten Franklin Square, New Britain, CT 06051
Phone: (860) 827-2935 Fax: (860) 827-2950
E-Mail: siting.council@po.state.ct.us
Web Site: www.ct.gov/csc

January 13, 2004

Honorable Marie M. Knudsen
First Selectman
Town of Harwinton
Town Hall
100 Bentley Drive
Harwinton, CT 06791

RE: **EM-VER-066-040108** – Cellco Partnership d/b/a Verizon Wireless notice of intent to modify an existing telecommunications facility located at 123 Campville Hill Road, Harwinton, Connecticut.

Dear Ms. Knudsen:

The Connecticut Siting Council (Council) received this request to modify an existing telecommunications facility, pursuant to Regulations of Connecticut State Agencies Section 16-50j-72.

The Council will consider this item at the next meeting tentatively scheduled for February 3, 2004, at 1:30 p.m. in Hearing Room One, Ten Franklin Square, New Britain, Connecticut.

Please call me or inform the Council if you have any questions or comments regarding this proposal.

Thank you for your cooperation and consideration.

Very truly yours,

S. Derek Phelps
Executive Director

SDP/cm

Enclosure: Notice of Intent

c: William J. Tracy, Jr., Planning Chairman, Town of Harwinton

ROBINSON & COLE

KENNETH C. BALDWIN

280 Trumbull Street
Hartford, CT 06103-3597
Main (860) 275-8200
Fax (860) 275-8299
kbaldwin@rc.com
Direct (860) 275-8345

EM-VER-066-040108

January 8, 2004

Via Hand Delivery

S. Derek Phelps
Executive Director
Connecticut Siting Council
10 Franklin Square
New Britain, CT 06051

Re: **Notice of Exempt Modification**
123 Campville Hill Road
Harwinton, Connecticut

Dear Mr. Phelps:

Cellco Partnership d/b/a Verizon Wireless ("Cellco") intends to install antennas on an existing tower at 123 Campville Hill Road in Harwinton, Connecticut. Please accept this letter as notification pursuant to R.C.S.A. § 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 the Harwinton First Selectman, Marie Knudsen.

The facility consists of a 177-foot self-supporting monopole tower, capable of supporting multiple carriers within an approximately 64' x 72' site compound. The tower is owned and operated by Sprint Sites USA ("Sprint"). The tower is currently shared by Sprint PCS at the 180-foot level, T-Mobile at the 168-foot level and AT&T at the 157-foot level. Cellco proposes to install twelve (12) panel-type antennas at the 147-foot level on the tower and a 12' x 30' single-story equipment shelter near the base of the tower. (See Attachment 1- Project Plans).

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

1. The proposed modification will not increase the overall height of the existing tower. Cellco's antennas will be mounted with their centerline at the 147-foot level on the 177-foot tower.

Law Offices
BOSTON
HARTFORD
NEW LONDON
STAMFORD
GREENWICH
NEW YORK
www.rc.com

2. The proposed installation of twelve (12) panel-type antennas and a 12' x 30' equipment shelter will not require an extension of the site boundaries.

3. The proposed modification will not increase the noise levels at the facility by six decibels or more.

4. The operation of the antennas will not increase radio frequency (RF) power density levels at the facility to a level at or above the Federal Communications Commission (FCC) adopted safety standard. The combined worst-case RF power density calculations for existing and Cellco antennas would be 6.44% of the FCC standard (See Attachment 2).

Also included as Attachment 3 is an engineer's certification verifying that the tower can accommodate the existing and proposed antennas and related equipment.

For the foregoing reasons, Cellco respectfully submits that the proposed antenna installation at the Harwinton facility tower constitutes an exempt modification under R.C.S.A. § 16-50j-72(b)(2).

Sincerely,

Kenneth C. Baldwin

Attachments
cc: Marie Knudsen, Harwinton First Selectman
Sandy M. Carter

Exhibit B

Property Card

qPublic.net™ Town of Harwinton, CT

Summary

ParcelId	1225
Account Number	2581
Location Address	123 CAMPVILLE HILL
Map-Block-Lot	A4 /05 /0002
Use Class/Description	1-1 RES LAND
Assessing Neighborhood	0001A
Census Tract	298400000000
Acreage	49
Utilities	

Owner

HARWINTON ROD & GUN CLUB
PO BOX 181
HARWINTON, CT 06791

Current Appraised Value

		2019	2018	2017
+	Building Value	$196,600	$196,600	$205,400
+	XF Value	$0	$0	$0
+	OB Value	$0	$0	$0
+	Land Value	$594,300	$594,300	$391,460
+	Special Land Value			
+	Total Appraised Value	$790,900	$790,900	$596,860
+	Net Appraised Value	$790,900	$790,900	$596,860
+	Current Assessment	$324,650	$324,650	$220,070

Assessment History

		2018	2017	2016	2015
+	Building Value	$137,620	$143,780	$143,780	$143,780
+	OB/Misc	$0	$0	$0	$0
+	Land	$187,030	$76,290	$76,290	$76,290
+	Total Assessment	$324,650	$220,070	$220,070	$220,070

Land

Use	Class	Zoning	Area	Value
1-1 RES LAND	R	CR2	2 AC	$75,900
6-2 FOREST LD	R		47 AC	$338,400
3-1 IND LAND	I		1 BL	$180,000

Building Data

Building #	1
Style	Camp
Actual Year Built	1977
Effective Year Built	1980
Living Area	5892
Stories	1
Grade	Average
Exterior Wall	Wood on Sheath
Interior Wall	Wall Brd/Wood
Fireplaces	
Roof Cover	Asph/F Gls/Cmp
Roof Structure	Gable/Hip
Floor Type	Average
Heat Type	Forced Air-Duc
Fuel Type	Oil
AC	None
Bdrms/Ful Bth/Hlf Bth/Ttl Rm	0/1/0/2

Building Sub Areas

Code	Description	Living Area	Gross Area	Effective Area
BAS	First Floor	5892	5892	5892
FST	Utility Storage	0	2400	1200
PTO	Patio	0	210	21
	Totals	5892	8502	7113

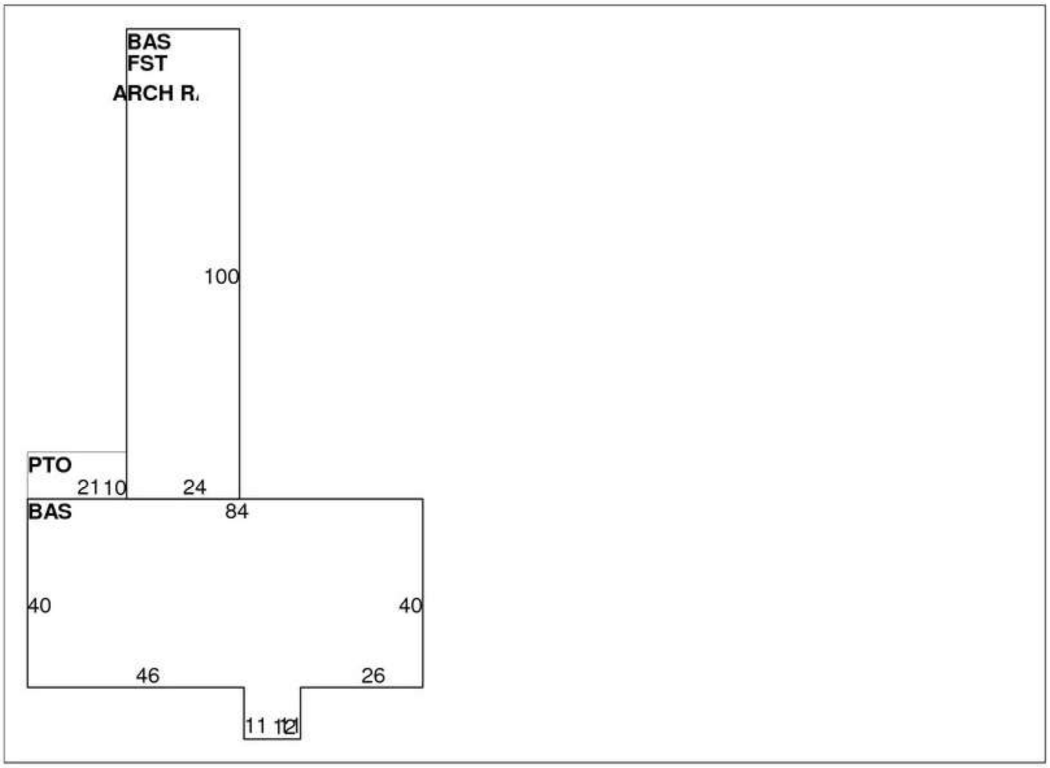
Sales History

Sales Date	Type of Document	Grantee	Vacant/Improved	Book/Page	Amount
12-30-1997	Q	HARWINTON ROD & GUN CLUB	Improved	0152/0053	$50,000
07-08-1957		SLATE ALICE	Improved	0049/0488	$0

Permit Information

Permit ID	Issue Date	Type	Description	Amount	Inspection Date	% Complete	Date Complete	Comments
19171B	12-06-2019		14X20 PAVILLION	$6,000		100		
1864E	11-05-2019		STAND BY GENERATOR	$8,500		100		
198E	01-31-2019	EL	Electric	$2,500		100		
17164B	11-09-2017		ADD 3 ANTENNAS	$20,000		100		
176CA	02-06-2017	CO	CO ISSUED	$0		100		T-MOBILE
16146B	08-02-2016		CONCRETE PATIO 30X30	$6,175		0		
1647E	03-08-2016	EL	Electric	$2,500		0		
9416	10-24-2014		MODIFICATIONS	$20,000		0		
8760	01-17-2013		FACILITY MODIFICATIO	$25,000		0		
8757	01-02-2013		ANTENNA SWAP	$10,000		0		
8704	11-21-2012		ANTENNAS	$12,000		0		
8339	01-13-2012			$92		0		REPLACING 6 ANTENNAS WITH NEWER MODELS
7560	09-28-2009	DE	Demolish	$1,500		0		
0000	09-10-2009	CO	CO ISSUED	$0		0		
7495	07-14-2009	EL	Electric	$3,000		0		
7486	07-01-2009	AD	Addition	$31,395		0		CEL TOWER
	03-17-2009	EL	Electric	$0		0		INSTALLING ANTENNAS & RADIO
7201	07-09-2008			$28,000		0		NEW VINYL SIDING
6437	06-21-2008	EL	Electric	$8,000		0		

Sketch



Photos

No data available for the following modules: Commercial Building, Out Buildings\Extra Features.

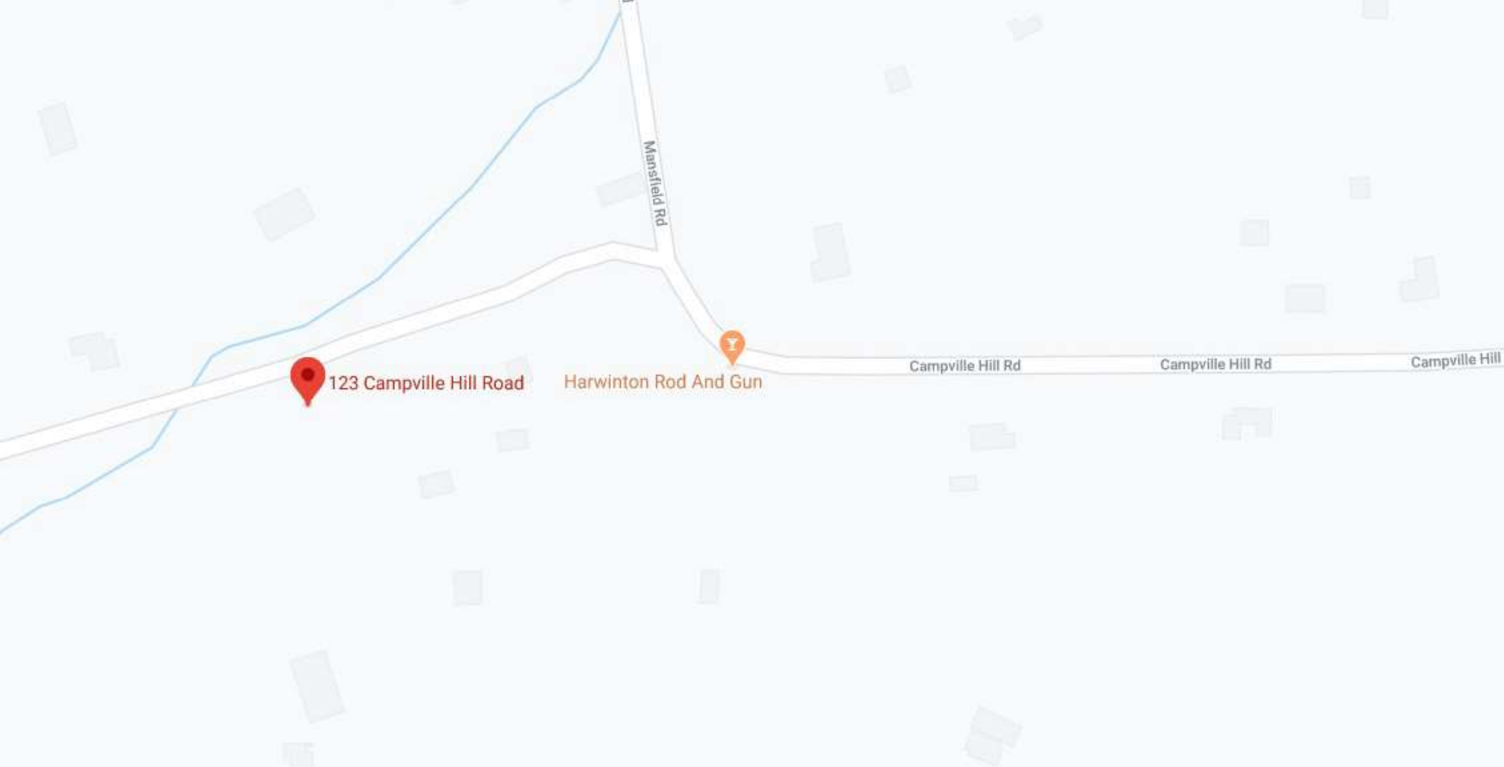

Mansfield Rd
123 Campville Hill Road
Harwinton Rod And Gun
Campville Hill Rd
Campville Hill Rd

Exhibit C

Construction Drawings

verizon

VERIZON SITE NUMBER:	468296	**BUSINESS UNIT #:**	876376
VERIZON SITE NAME:	HARWINTON W CT	**SITE ADDRESS:**	123 CAMPVILLE HILL RD. HARWINTON, CT 06791
SITE TYPE:	MONOPOLE	**COUNTY:**	LITCHFIELD
TOWER HEIGHT:	177'-0"	**JURISDICTION:**	LITCHFIELD COUNTY

VERIZON FUZE PROJECT #: 16271950

SITE INFORMATION

CROWN CASTLE USA INC. SITE NAME:	SCOVILLE HILL / HARWINTON ROD
SITE ADDRESS:	123 CAMPVILLE HILL RD. HARWINTON, CT 06791
COUNTY:	LITCHFIELD
MAP/PARCEL #:	VERIFY
AREA OF CONSTRUCTION:	EXISTING
LATITUDE:	41° 44' 12.04" N (41.736678°)
LONGITUDE:	73° 5' 49.32" W (-73.097033°)
LAT/LONG TYPE:	NAD83
GROUND ELEVATION:	728.2'
CURRENT ZONING:	TBD
JURISDICTION:	LITCHFIELD COUNTY
OCCUPANCY CLASSIFICATION:	U
TYPE OF CONSTRUCTION:	IIB
A.D.A. COMPLIANCE:	FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION
PROPERTY OWNER:	TBD -- --
TOWER OWNER:	CCATT LLC 1500 CORPORATE DRIVE CANONSBURG, PA 15317
CARRIER/APPLICANT:	VERIZON WIRELESS 180 WASHINGTON VALLEY ROAD BEDMINSTER, NJ 07921
ELECTRIC PROVIDER:	TBD --
TELCO PROVIDER:	TBD --

PROJECT TEAM

A&E FIRM:	CROWN CASTLE USA INC. 2000 CORPORATE DRIVE CANONSBURG, PA 15317 CROWNAE.APPROVAL@CROWNCASTLE.COM
CROWN CASTLE USA INC. DISTRICT CONTACTS:	1505 WESTLAKE AVENUE NORTH, SUITE 800 SEATTLE, WA 98109 TBD - PROJECT MANAGER -- TBD - CONSTRUCTION MANAGER --
VERIZON CONTACT:	TIMOTHY PARKS TIMOTHY.PARKS@VERIZONWIRELESS.COM

DRAWING INDEX

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

ALL DRAWINGS CONTAINED HEREIN ARE FORMATTED FOR 11X17. 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.vzwsmart.com
SMART TOOL VENDOR PROJECT NUMBER	6039-Z0001-C
VzW LOCATION CODE (PSLC)	468296

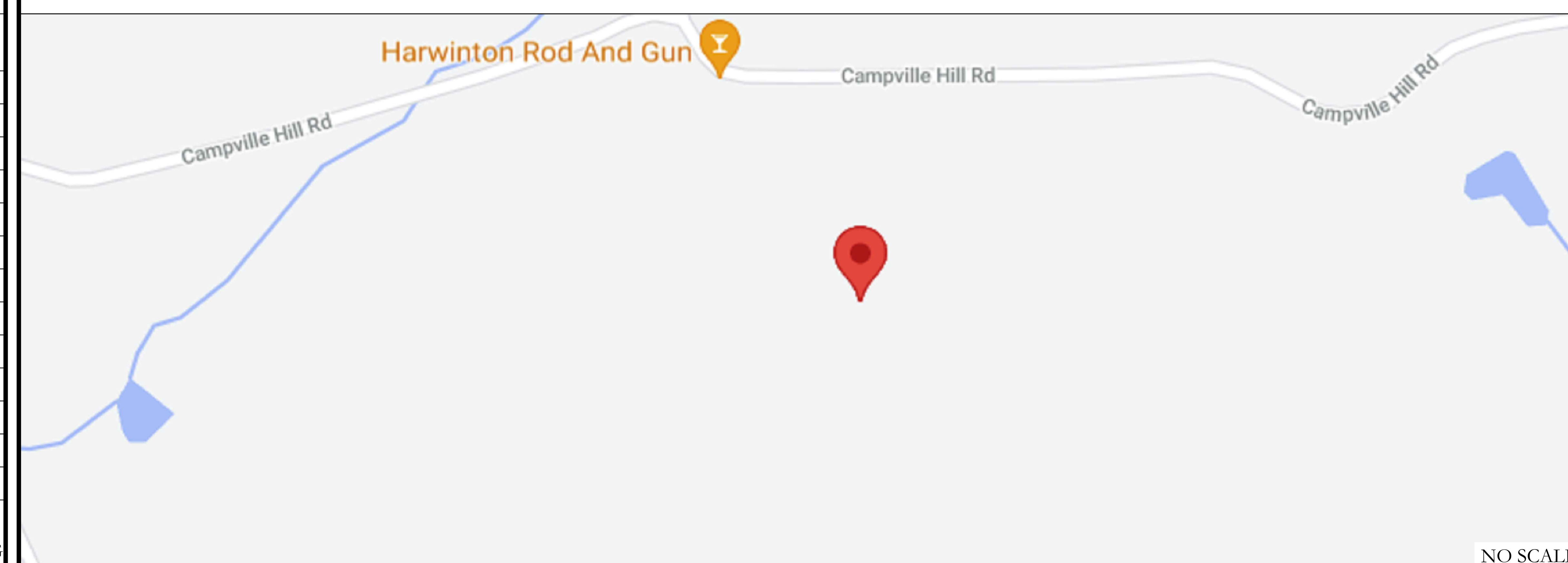
*** PMI AND REQUIREMENTS ALSO EMBEDDED IN MOUNT ANALYSIS REPORT

MOUNT MODIFICATION REQUIRED	N

VzW APPROVED SMART KIT VENDORS

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

LOCATION MAP



NO SCALE

DRIVING DIRECTIONS FROM VERIZON LOCAL OFFICE (180 WASHINGTON VALLEY RD, BEDMINSTER, NJ 07921) DEPART AND HEAD TOWARDS WASHINGTON VALLEY RD / COUNTY HWY-620, TURN LEFT ONTO WASHINGTON VALLEY RD / COUNTY HWY-620, BEAR RIGHT ONTO US-206 N / US-202 N / US HIGHWAY 202 206, BEAR RIGHT ONTO US-202 N / US-206 N / US HIGHWAY 202 206, TURN RIGHT ONTO SCHLEY MOUNTAIN RD, TAKE THE RAMP ON THE RIGHT FOR I-287 N, KEEP STRAIGHT TO GET ONTO I-95 N / NEW JERSEY TPKE N, KEEP LEFT TO STAY ON I-95 N, KEEP STRAIGHT TO GET ONTO US-6 E / CT-8 N / JAMES H DARCEY MEMORIAL HWY N, KEEP STRAIGHT TO GET ONTO CT-8 N / JAMES H DARCEY MEMORIAL HWY N, TURN RIGHT ONTO CAMPVILLE HILL RD TOWARDS CAMPVILLE, ROAD NAME CHANGES TO NORTHFIELD RD, KEEP STRAIGHT TO GET ONTO VALLEY RD, BEAR RIGHT ONTO CAMPVILLE HILL RD, ARRIVE AT 123 CAMPVILLE HILL RD., HARWINTON, CT 06791.

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	2018 CT STATE BUILDING CODE
MECHANICAL	2015 IMC
ELECTRICAL	2017 NEC

REFERENCE DOCUMENTS:

STRUCTURAL ANALYSIS: BY OTHERS
DATED:

MOUNT ANALYSIS: MASER CONSULTING CONNECTICUT
DATED: 05/13/2021

RFDS REVISION: TBD
DATED: 03/18/2021

ORDER ID: 552650
REVISION: 0

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

811

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 (6) ANTENNAS
- INSTALL (9) ANTENNAS
- INSTALL (3) ANTENNA MOUNTING BRACKETS
- INSTALL (6) RRHs
- INSTALL (1) OVP
- REMOVE (1) COAXIAL CABLE
- INSTALL (1) HYBRID CABLE

GROUND SCOPE OF WORK:

- REMOVE (3) B13 RRH 4x30

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

verizon
180 WASHINGTON VALLEY ROAD
BEDMINSTER, NJ 07921

CROWN CASTLE
1500 CORPORATE DRIVE
CANONSBURG, PA 15317

INFINIGY
FROM ZERO TO INFINIGY
the solutions are endless
BELLEVUE, WA 98004

VERIZON SITE NUMBER:
468296

BU #: **876376**
SCOVILLE HILL / HARWINTON ROD

123 CAMPVILLE HILL RD.
HARWINTON, CT 06791

EXISTING 177'-0" MONOPOLE

ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	DES./QA
0	06/07/2021	RCD	FINAL CDs	--

STATE OF CONNECTICUT
34916
LICENSED PROFESSIONAL ENGINEER
6/10/21

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

SHEET NUMBER:	REVISION:
T-1	0

CROWN CASTLE USA INC. SITE ACTIVITY REQUIREMENTS:

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

GENERAL NOTES:

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

CONCRETE, FOUNDATIONS, AND REINFORCING STEEL:

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

GREENFIELD GROUNDING NOTES:

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

ELECTRICAL INSTALLATION NOTES:

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

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

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

APWA UNIFORM COLOR CODE:

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

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

verizon
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BEDMINSTER, NJ 07921

CROWN CASTLE
1500 CORPORATE DRIVE
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HARWINTON, CT 06791

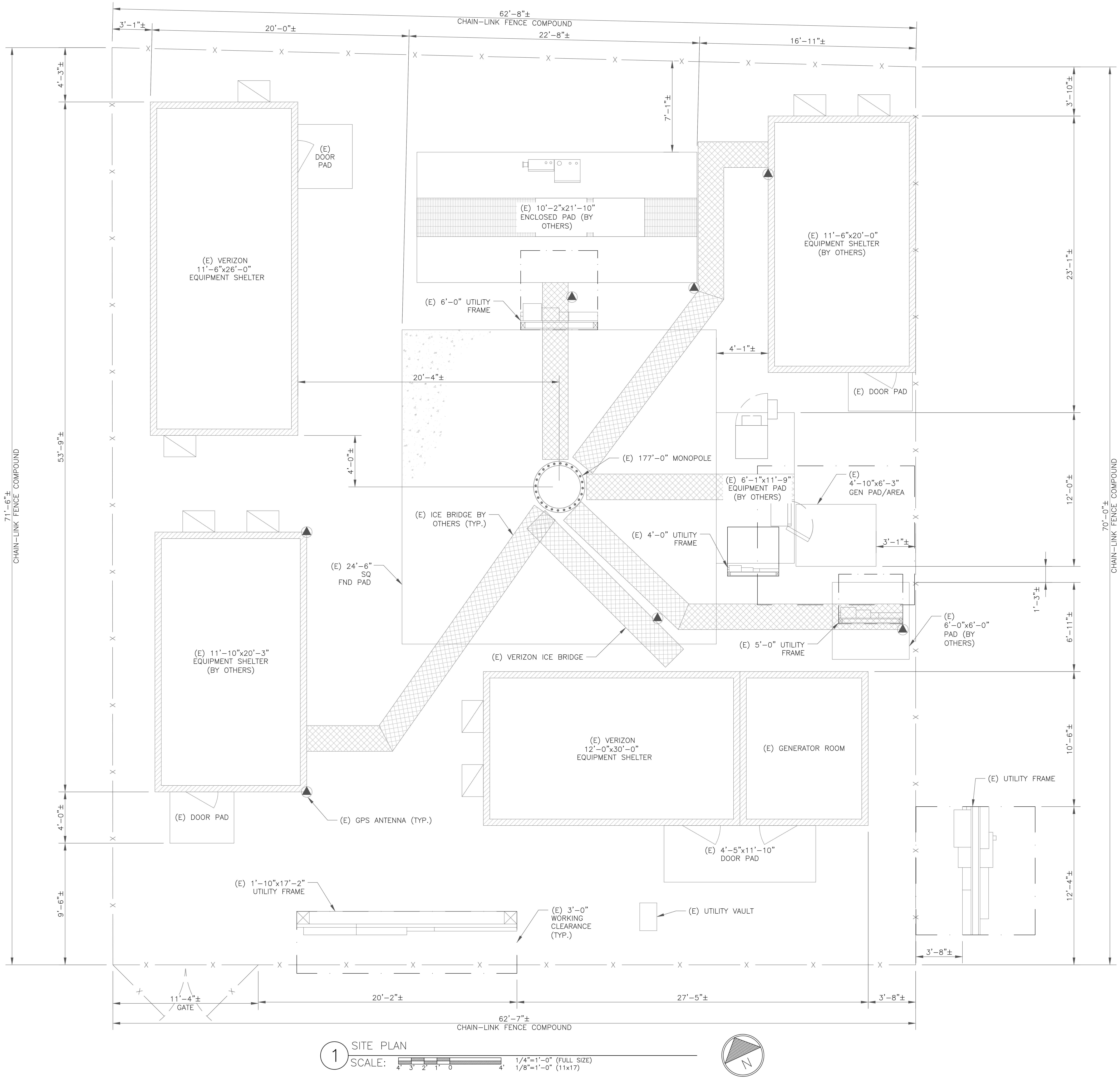
EXISTING 177'-0" MONOPOLE

ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	DES./QA
0	06/07/2021	RCD	FINAL CDs	--

STATE OF CONNECTICUT
SHUHEI SAKA[illegible]UE
34916
LICENSED
PROFESSIONAL ENGINEER
6/10/21

SHEET NUMBER: T-2
REVISION: 0



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CROWN CASTLE

1500 CORPORATE DRIVE
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BELLEVUE, WA 98004

VERIZON SITE NUMBER:
468296

BU #: **876376**
SCOVILLE HILL / HARWINTON ROD

123 CAMPVILLE HILL RD.
HARWINTON, CT 06791

EXISTING 177'-0" MONOPOLE

ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	DES./QA
0	06/07/2021	RCD	FINAL CDs	--

STATE OF CONNECTICUT
34916
LICENSED PROFESSIONAL ENGINEER
6/10/21

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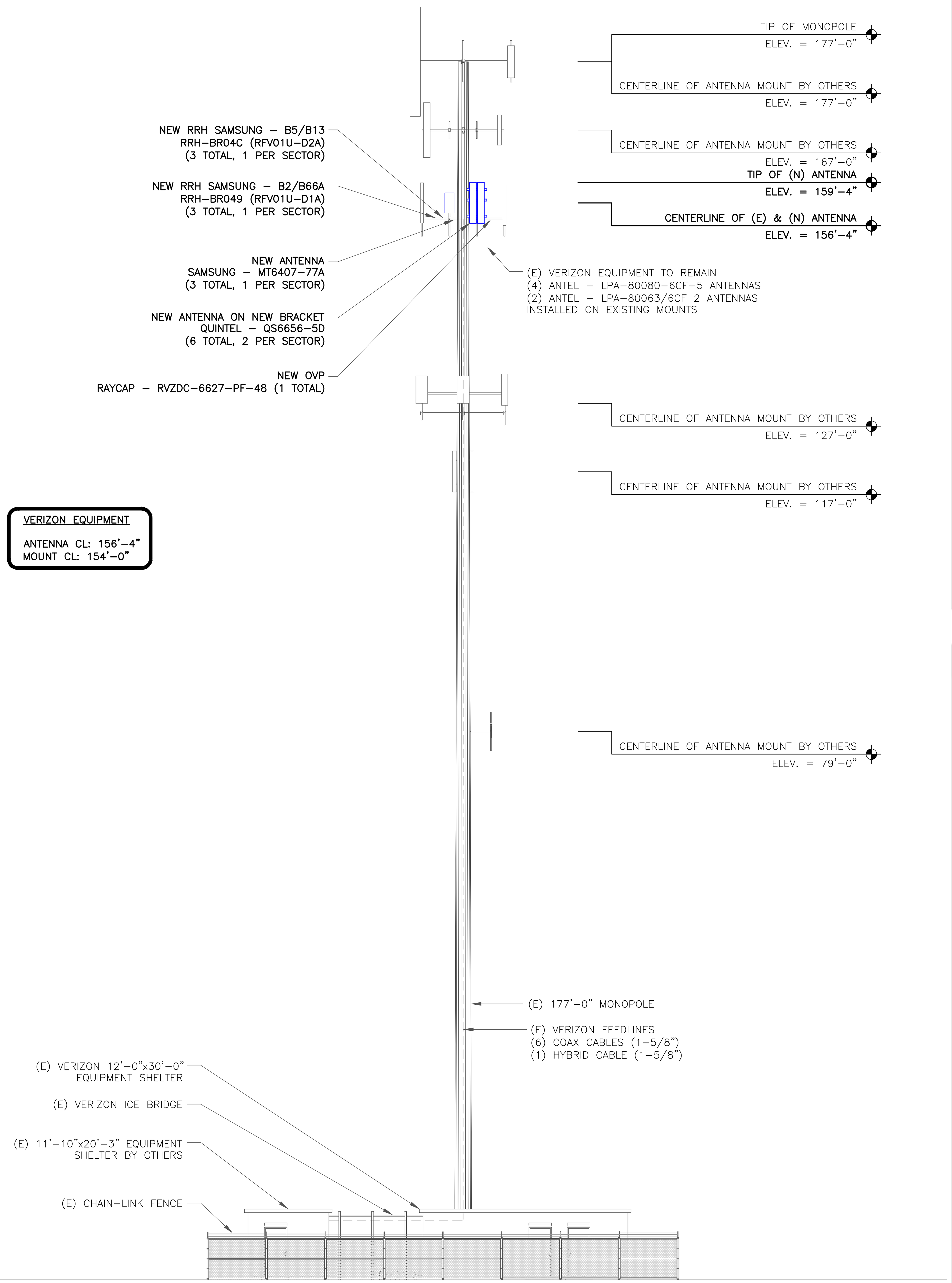
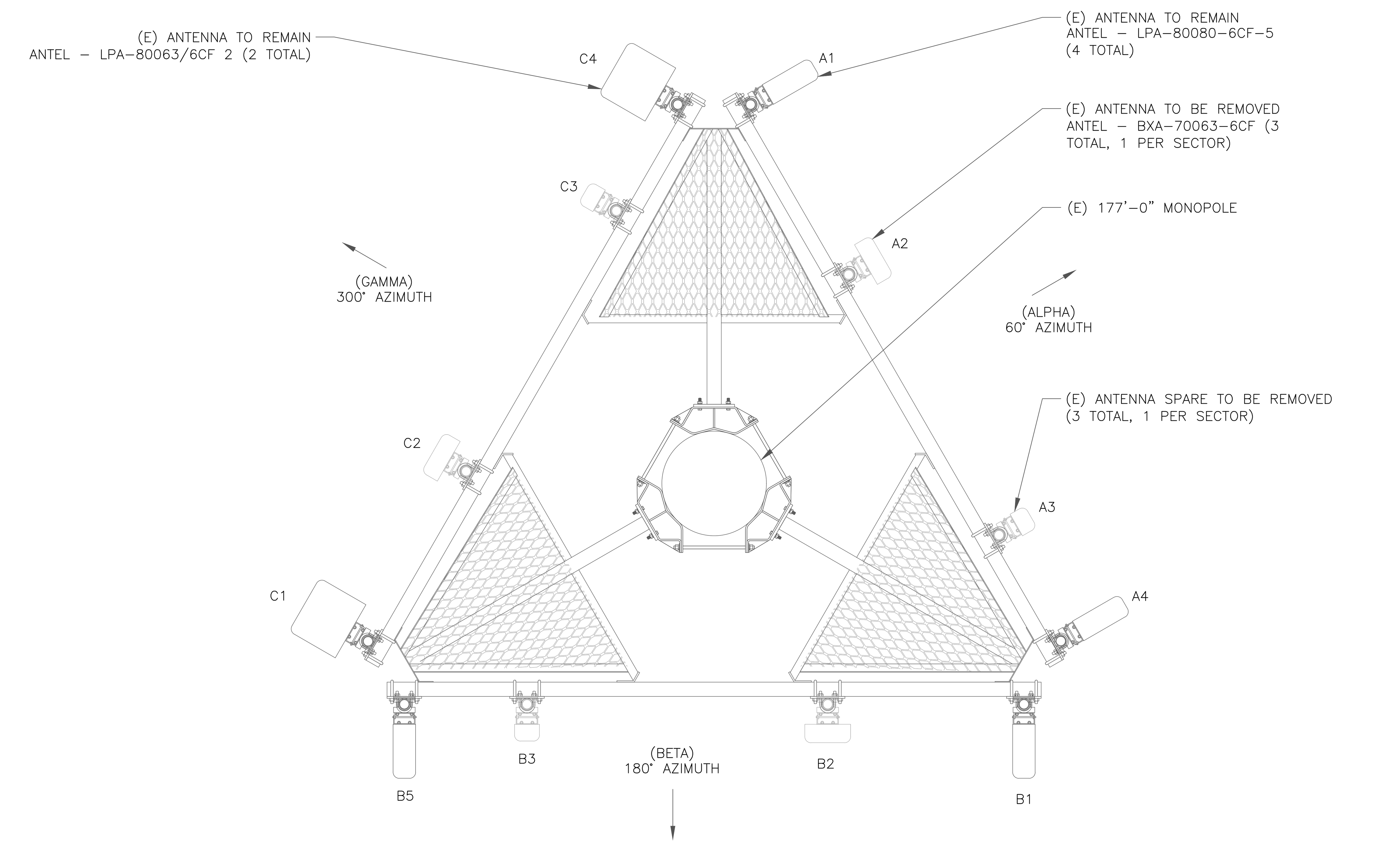
SHEET NUMBER: C-1

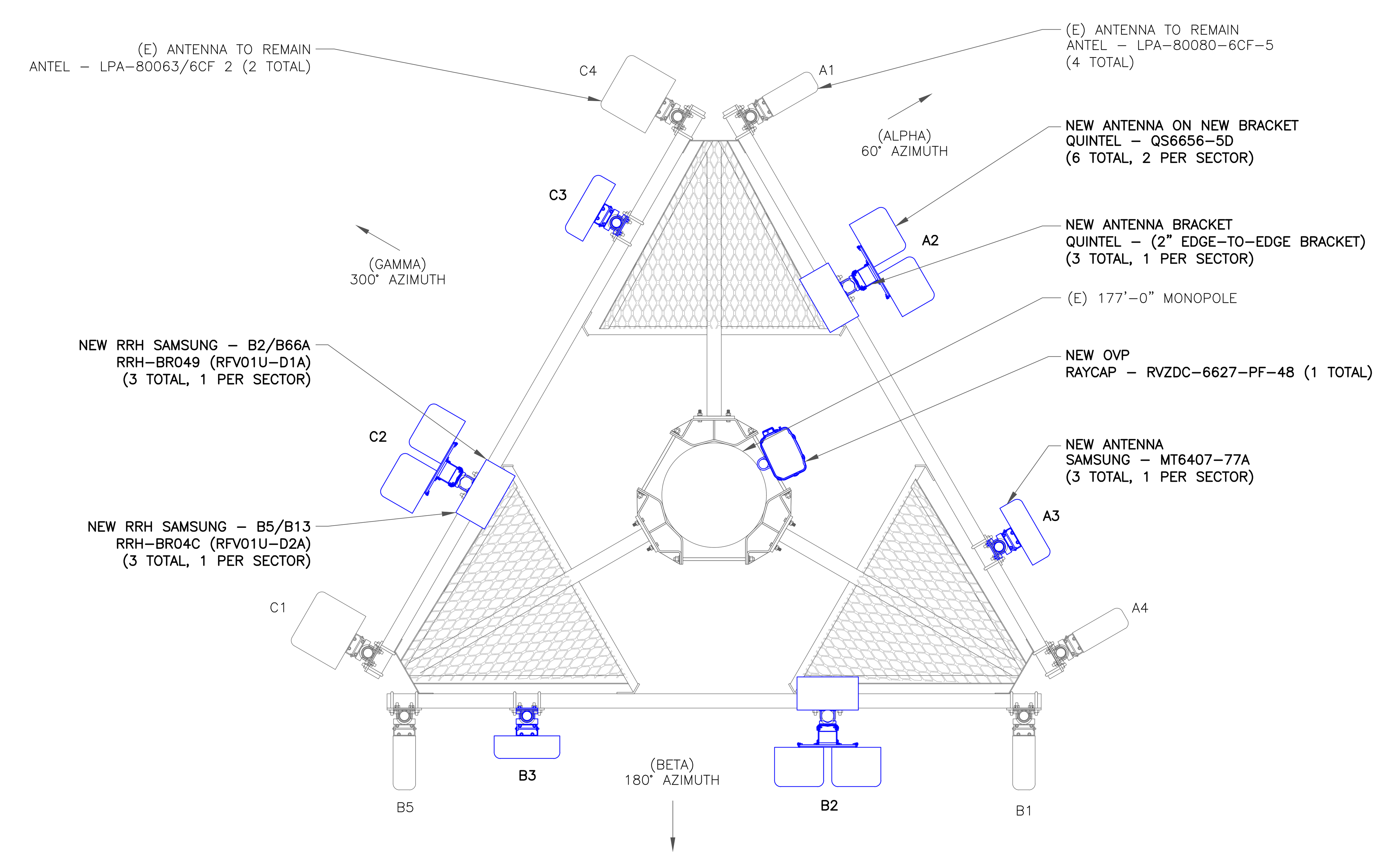
REVISION: 0



1 TOWER ELEVATION
SCALE: NOT TO SCALE



2 EXISTING ANTENNA PLAN
SCALE: NOT TO SCALE



3 NEW ANTENNA PLAN
SCALE: NOT TO SCALE

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STATE OF CONNECTICUT
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6/10/21

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SHEET NUMBER: C-2

REVISION: 0

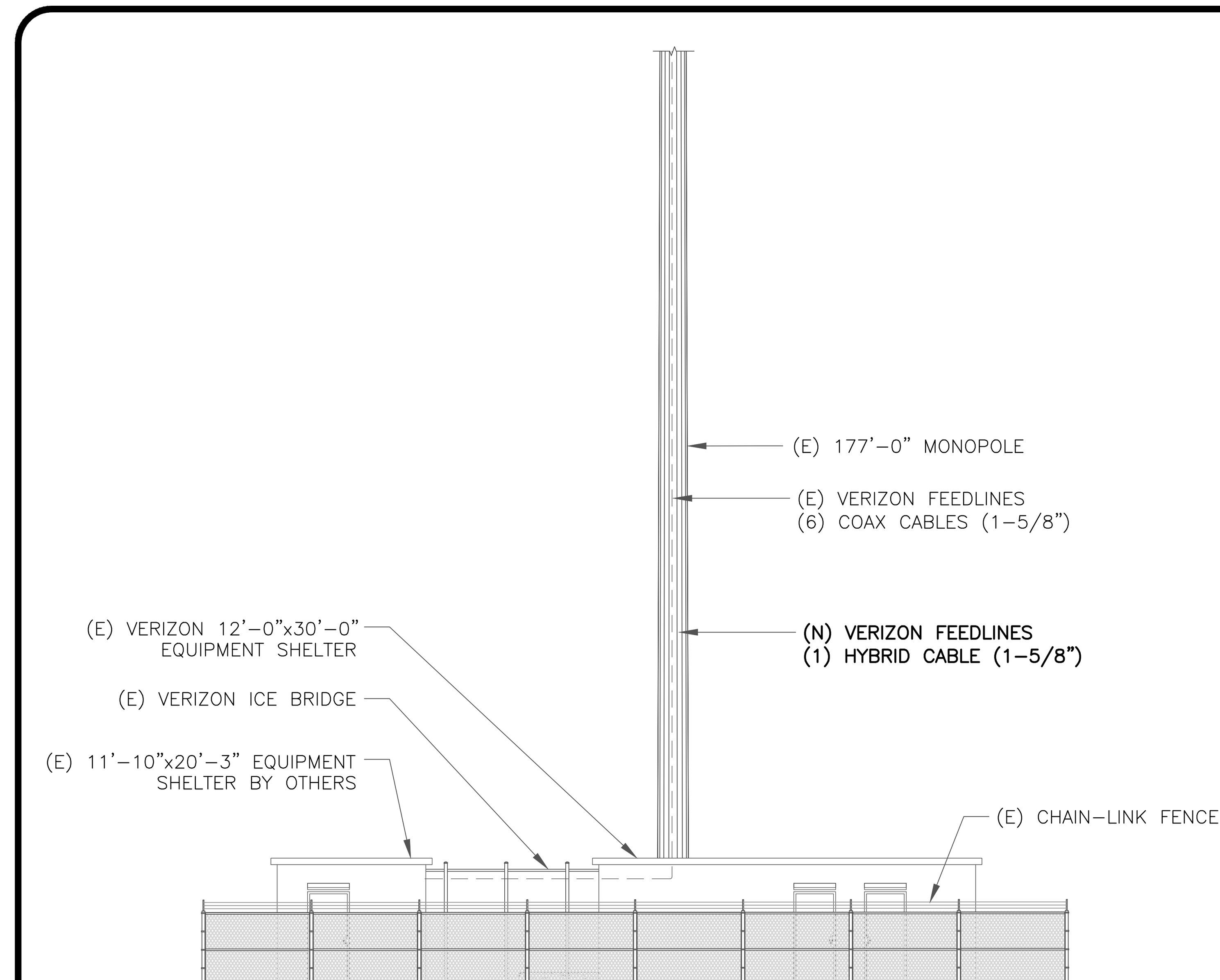
ANTENNA/RRH SCHEDULE

SECTOR	STATUS	ANTENNA MANUFACTURER	ANTENNA MODEL	ANTENNA CENTERLINE	AZIMUTH	MECHANICAL DOWNTILTS	ELECTRICAL DOWNTILTS	TOWER EQUIPMENT MANUFACTURER	TOWER EQUIPMENT QTY/MODEL
A1	EXISTING	ANTEL	LPA-80080-6CF-5	156'-4"	60°	2°	0°	–	–
A2	NEW	QUINTEL	QS6656-5D	156'-4"	60°	0°	2°/2°/2°/2°	SAMSUNG	(1)B2/B66A RRH-BR049 (RFV01U-D1A) (1) B5/B13 RRH-BR04C (RFV01U-D2A)
A3	NEW	SAMSUNG	MT6407-77A	156'-4"	60°	0°	6°	–	–
A4	EXISTING	ANTEL	LPA-80080-6CF-5	156'-4"	60°	2°	0°	–	–
B1	EXISTING	ANTEL	LPA-80080-6CF-5	156'-4"	60°	2°	5°	–	–
B2	NEW	QUINTEL	QS6656-5D	156'-4"	180°	0°	2°/2°/2°/2°	SAMSUNG	(1)B2/B66A RRH-BR049 (RFV01U-D1A) (1) B5/B13 RRH-BR04C (RFV01U-D2A)
B3	NEW	SAMSUNG	MT6407-77A	156'-4"	180°	0°	6°	–	–
B4	EXISTING	ANTEL	LPA-80080-6CF-5	156'-4"	60°	2°	5°	–	–
C1	EXISTING	ANTEL	LPA-80063/6CF 2	156'-4"	270°	3°	2°	–	–
C2	NEW	QUINTEL	QS6656-5D	156'-4"	300°	0°	2°/2°/2°/2°	SAMSUNG	(1)B2/B66A RRH-BR049 (RFV01U-D1A) (1) B5/B13 RRH-BR04C (RFV01U-D2A)
C3	NEW	SAMSUNG	MT6407-77A	156'-4"	180°	0°	6°	–	–
C4	EXISTING	ANTEL	LPA-80063/6CF 2	156'-4"	270°	3°	2°	–	–

1 VERIZON TOWER EQUIPMENT SCHEDULE
SCALE: NOT TO SCALE

CABLE SCHEDULE

STATUS	CABLE TYPE	SIZE	LENGTH	QTY
EXISTING	COAX	1-5/8"	206'-0"±	6
NEW	HYBRID	1-5/8"	206'-0"±	1
TOTAL CABLE QTY:				7



2 BASE LEVEL DETAIL
SCALE: NOT TO SCALE

N

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BU #: **876376**
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EXISTING 177'-0" MONOPOLE

ISSUED FOR:

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STATE OF CONNECTICUT
SHUHEI SAKANO
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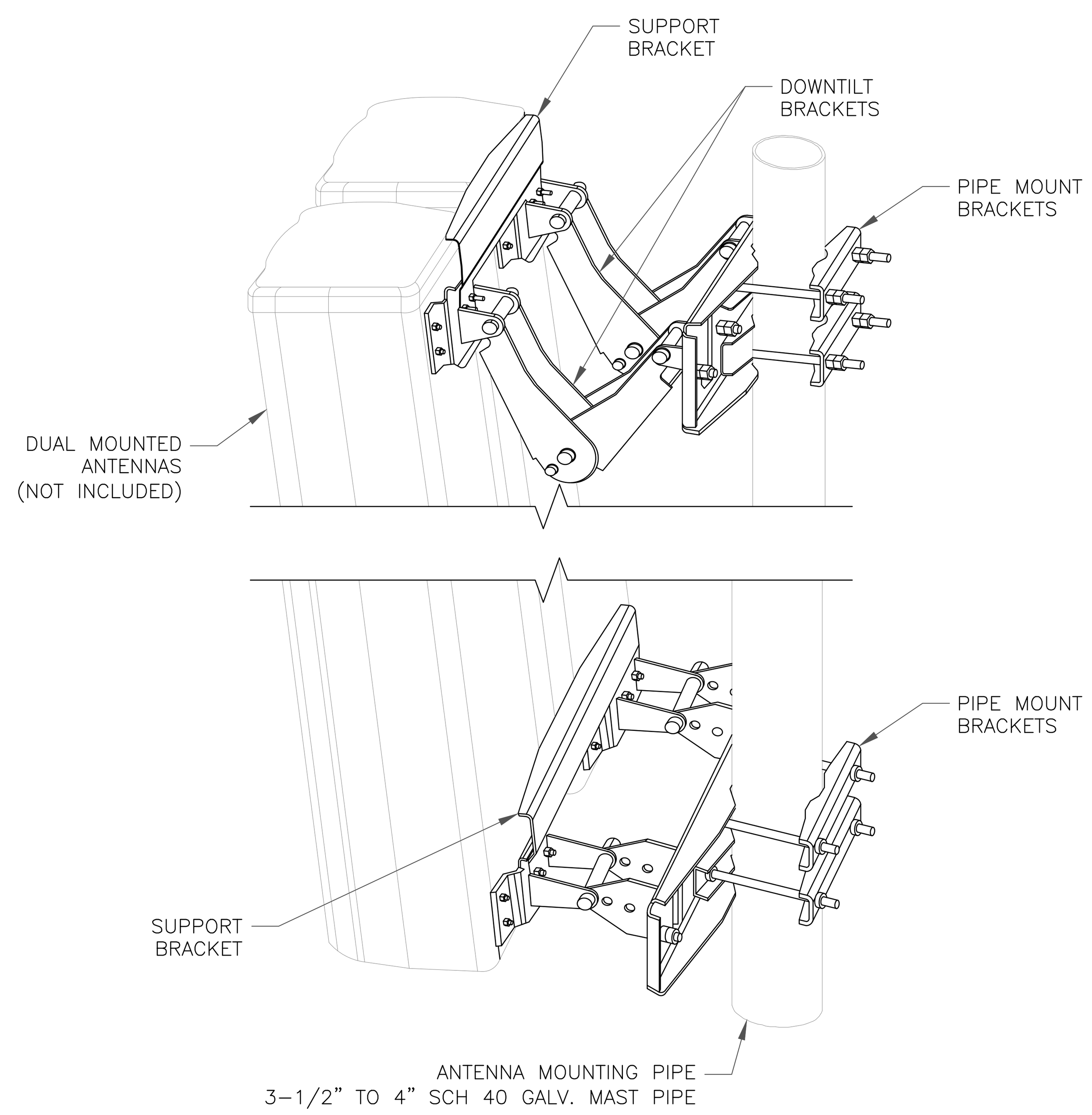
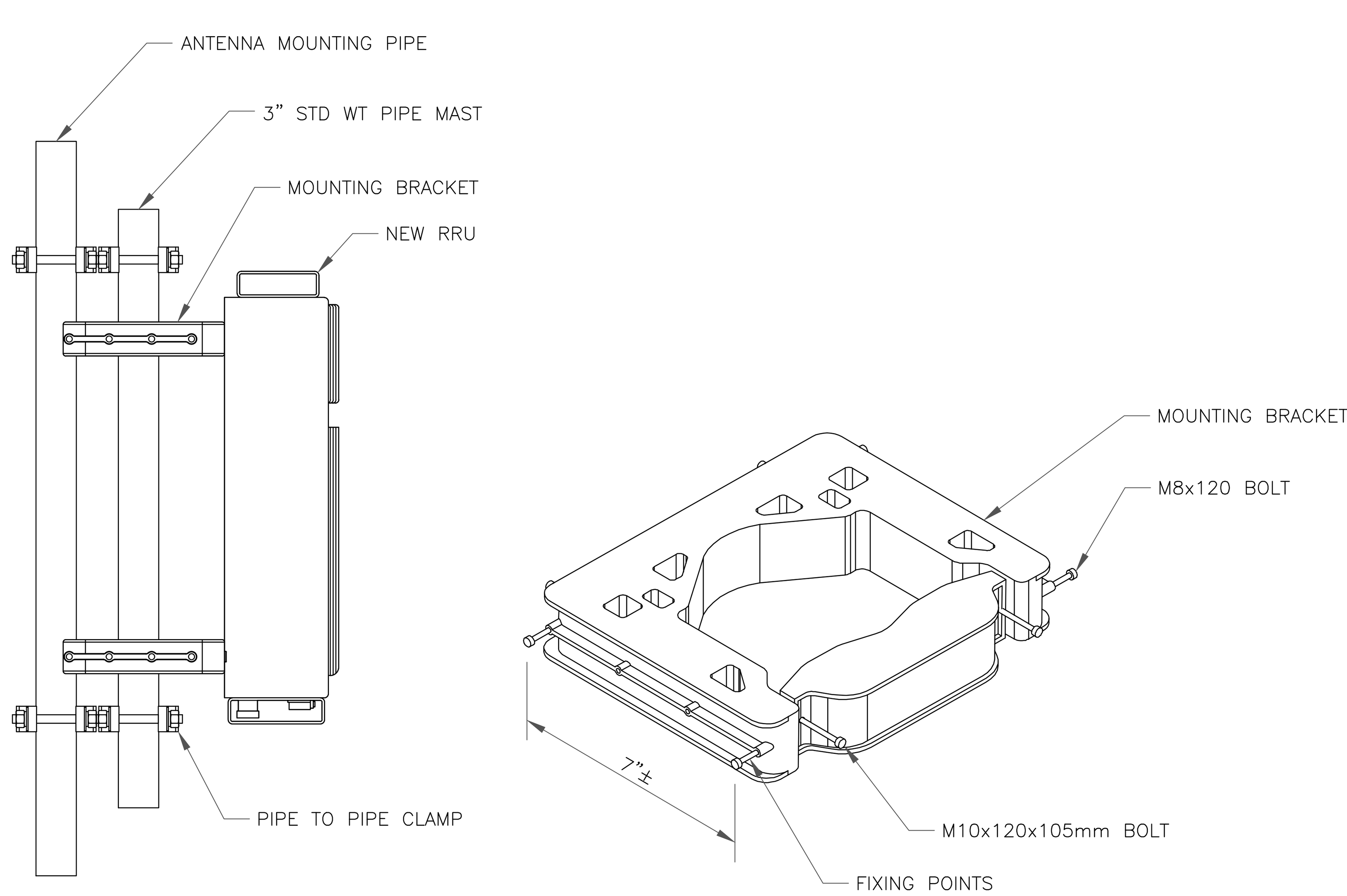
SHEET NUMBER: C-3
REVISION: 0

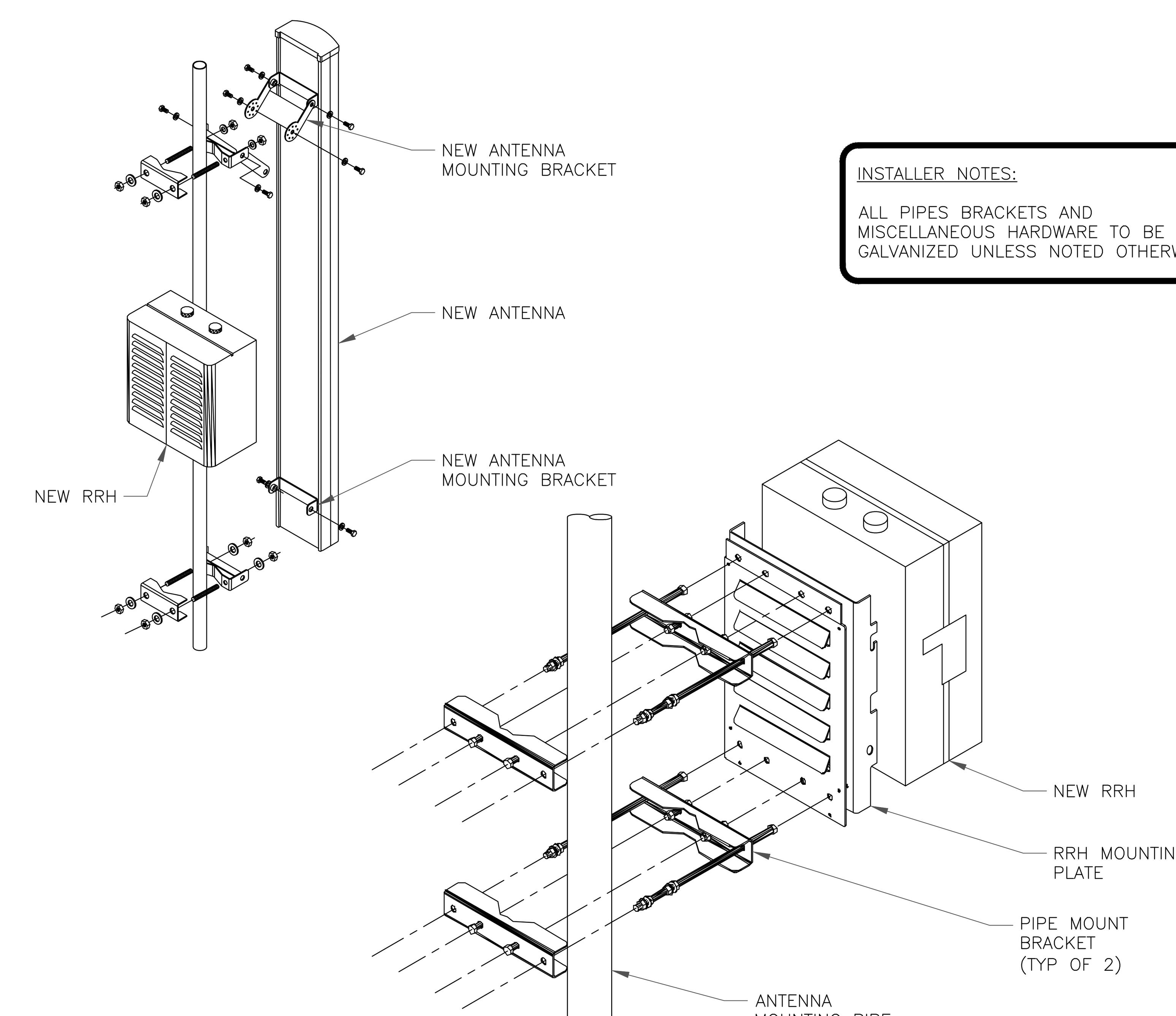


1 QUINTEL – AS-005245
SCALE: NOT TO SCALE

2 NOT USED
SCALE: NOT TO SCALE



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



INSTALLER NOTES:

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

4 ANTENNA & RRH MOUNTING DETAIL
SCALE: NOT TO SCALE

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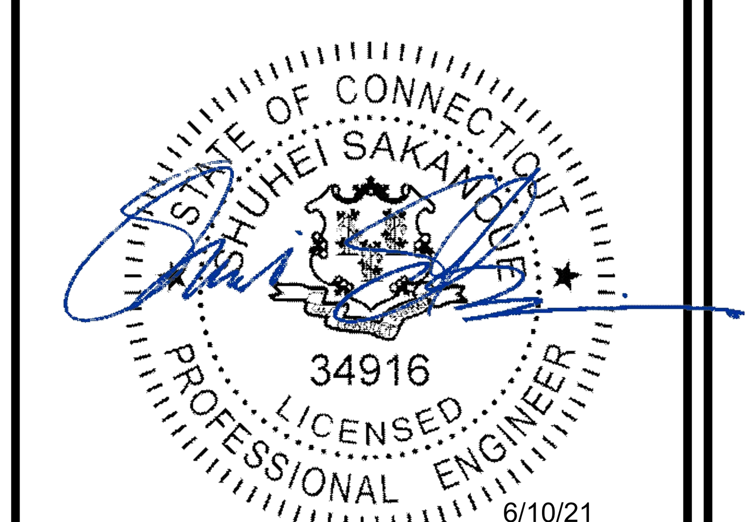
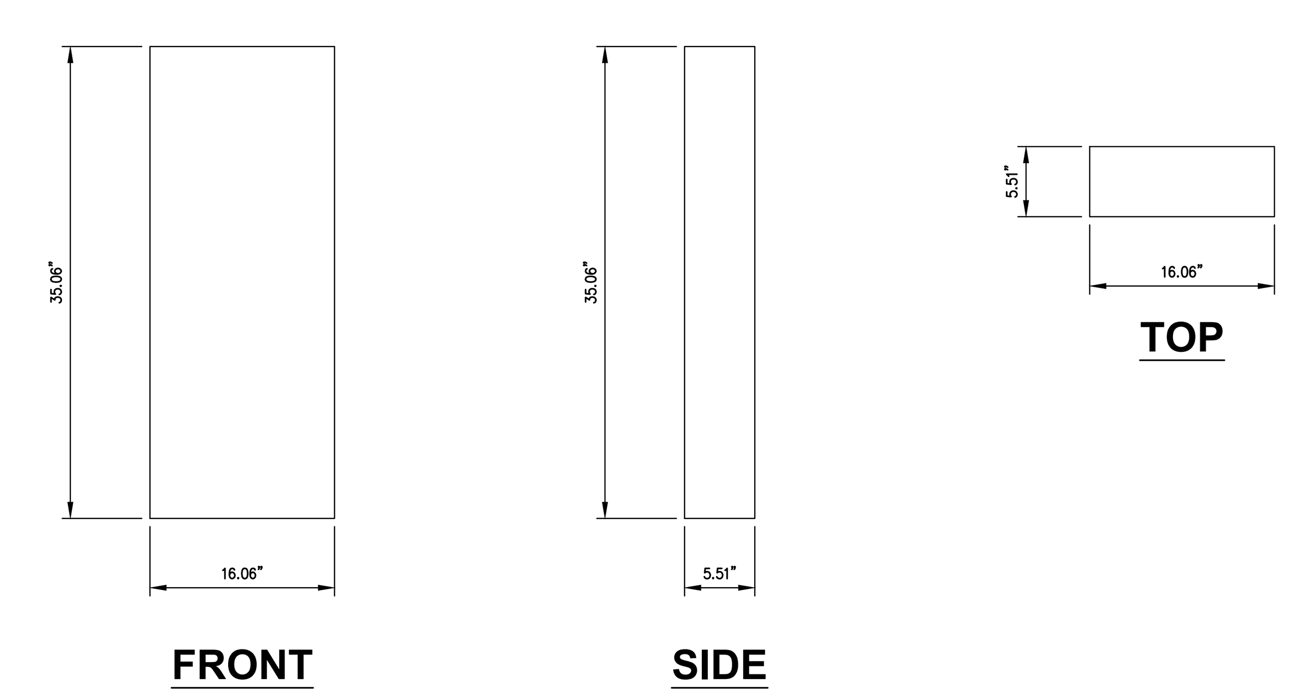


SHEET NUMBER: C-4
REVISION: 0

SAMSUNG PANEL ANTENNA (MT6407-77A)

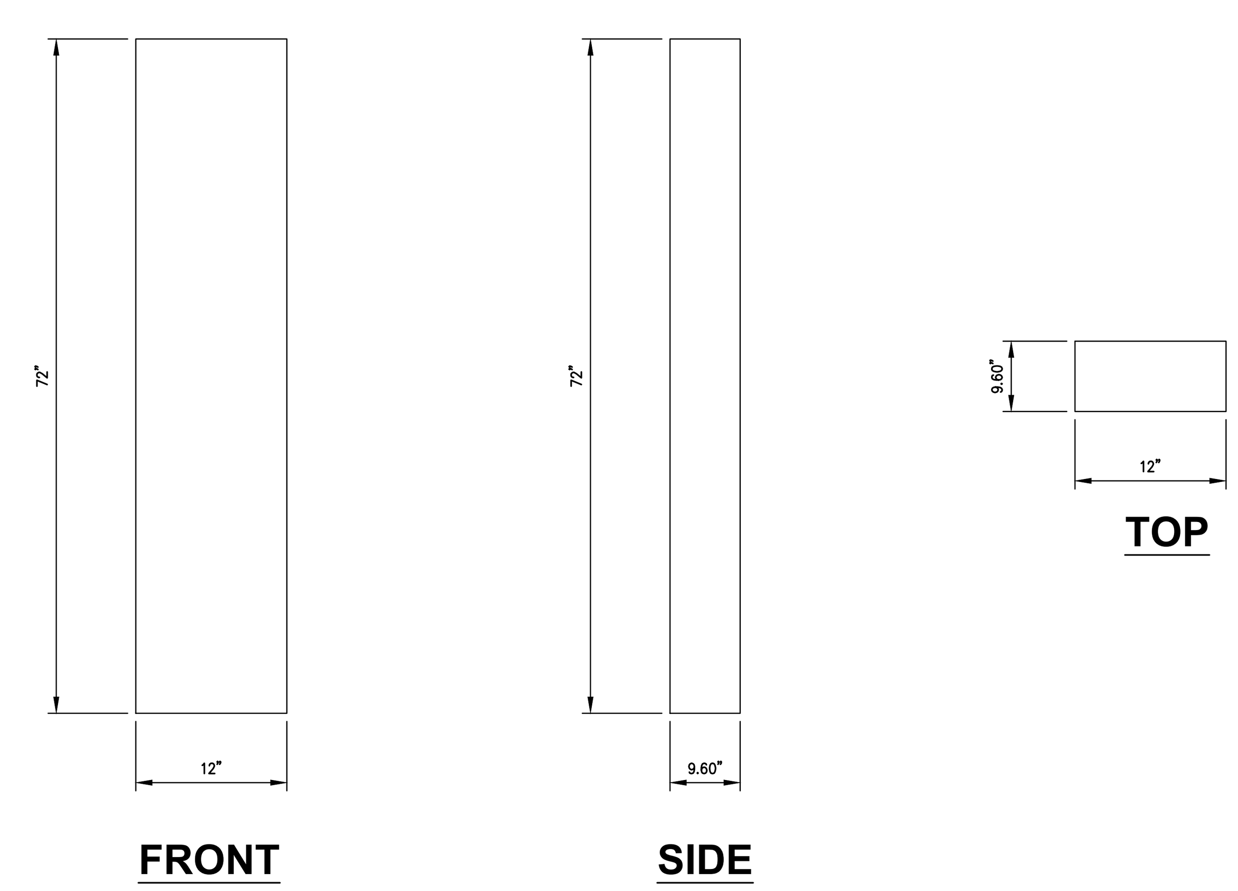
DIMENSIONS, HxWxD: 35.06"x16.06"x5.51"
WEIGHT, W/O BRACKETS: 81.57 lbs



1 SAMSUNG MT6407-77A ANTENNA DETAIL
SCALE: NOT TO SCALE

QUINTEL PANEL ANTENNA (QS6656-5D

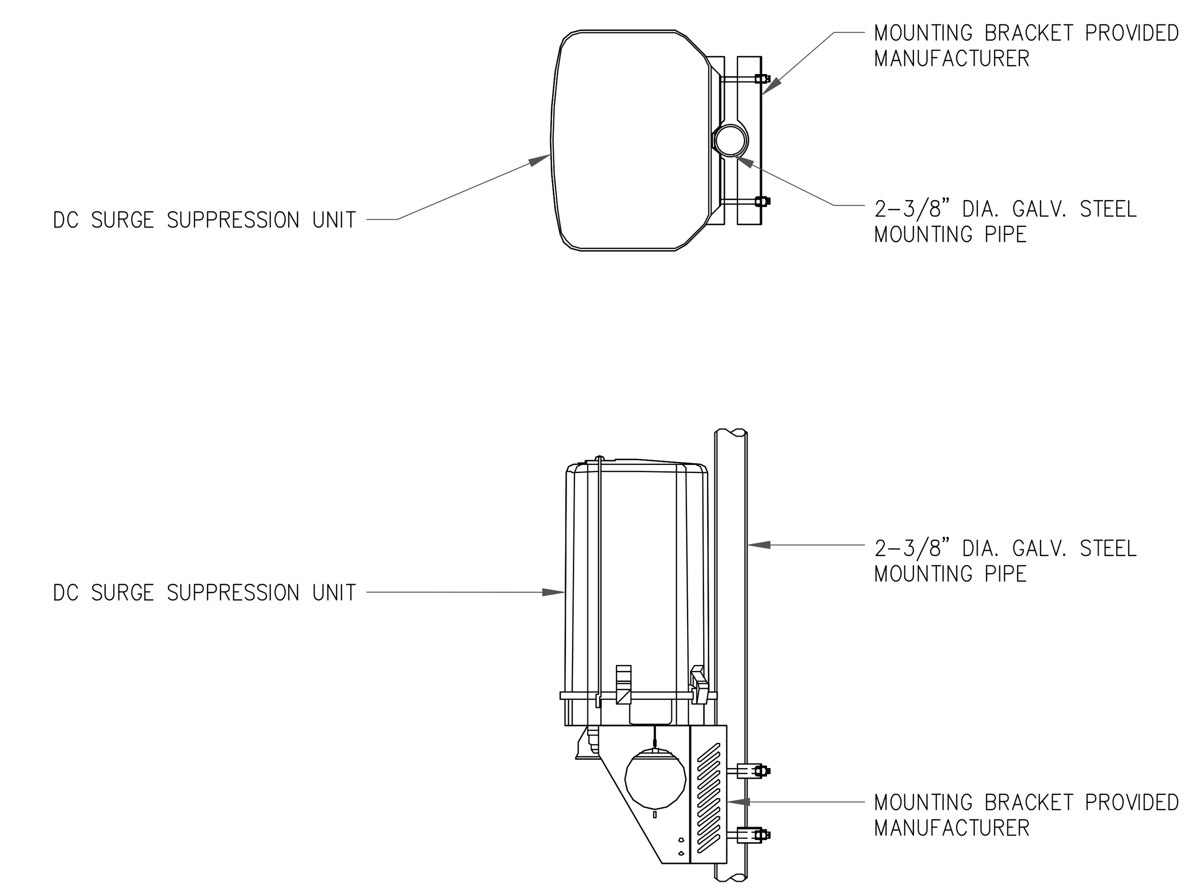
DIMENSIONS, HxWxD: 72"x12"x9.60"
WEIGHT, W/O BRACKETS: 88.00 lbs



2 QUINTEL QS6656-5D ANTENNA DETAIL
SCALE: NOT TO SCALE

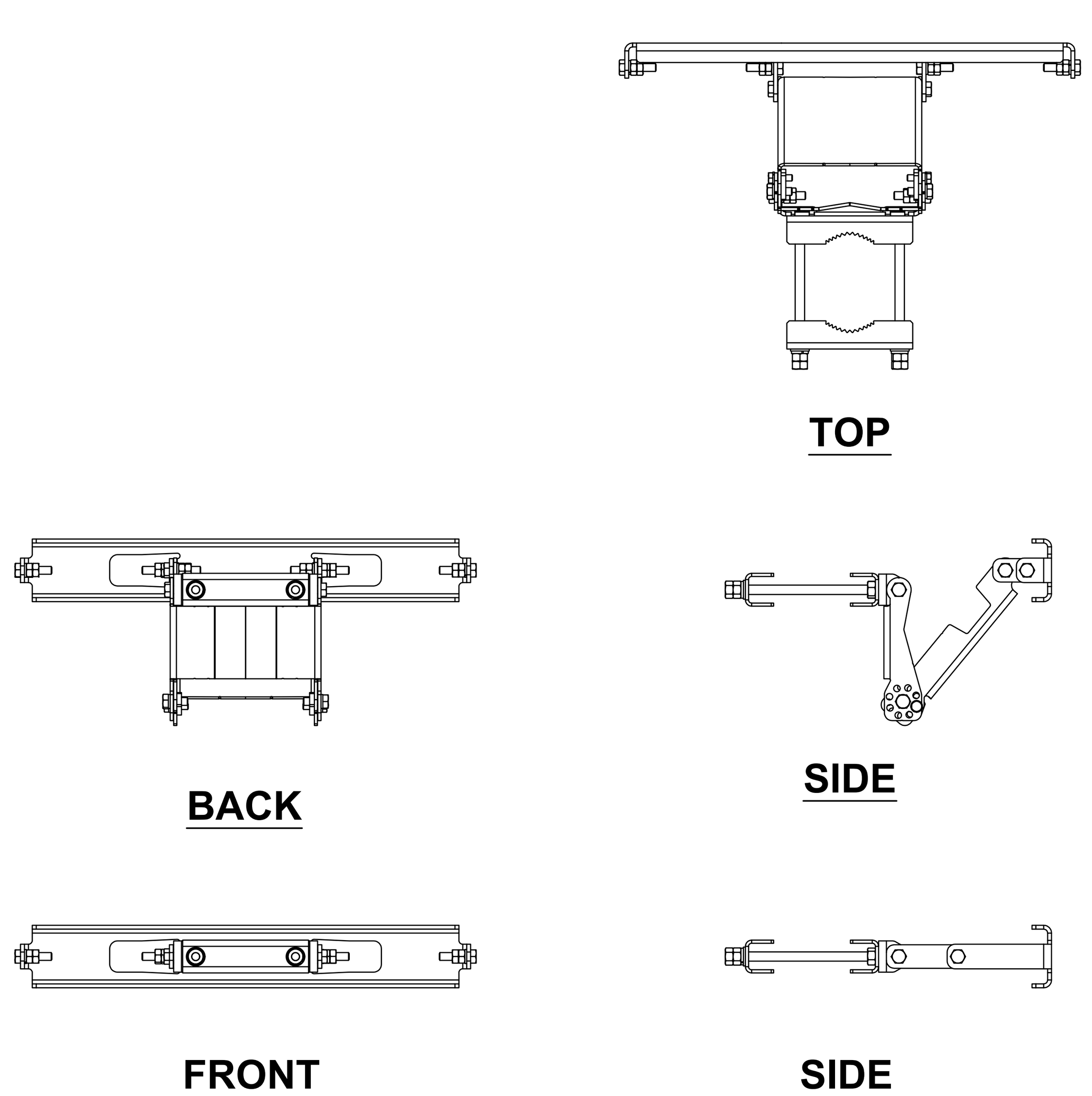
RAYCAP (RCMDC-6627-PF-48)

DIMENSIONS, HxWxD: 29.50"x16.50"x12.60"
WEIGHT, W/O BRACKETS: 32.0 lbs



3 RCMDC-6627-PF-48 OVP DETAIL
SCALE: NOT TO SCALE

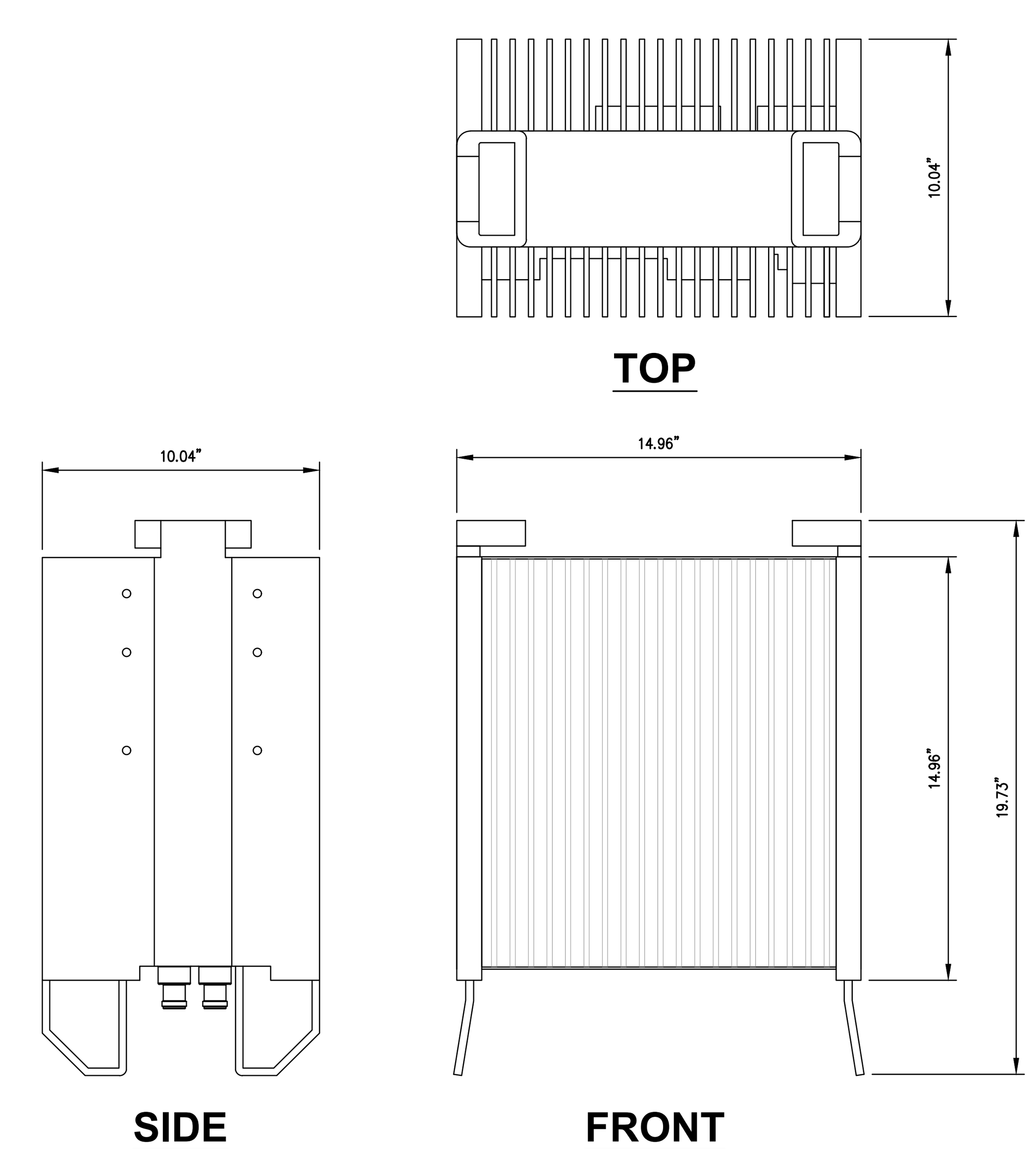
QUINTEL ANTENNA BRACKET (2" EDGE-TO-EDGE BRACKET)



4 QUINTEL 2" EDGE-TO-EDGE ANTENNA BRACKET DETAIL
SCALE: NOT TO SCALE

SAMSUNG – RRH (RFV01U-D1A)

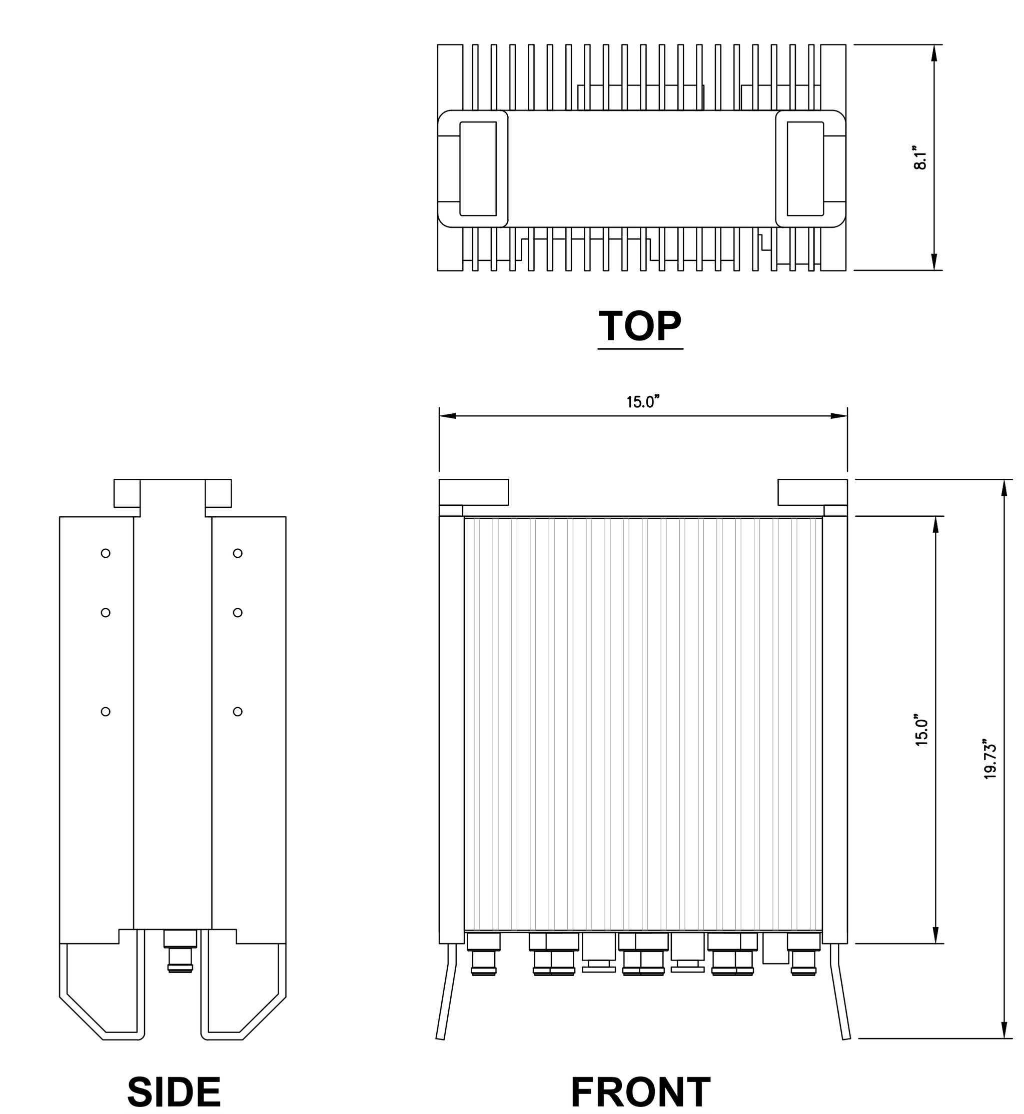
DIMENSIONS, HxWxD: 19.73"x14.96"x10.04"
WEIGHT, W/O BRACKETS: 84.4 lbs



5 SAMSUNG – RFV01U-D1A RRH DETAIL
SCALE: NOT TO SCALE

SAMSUNG – RRH (RFV01U-D2A)

DIMENSIONS, HxWxD: 19.73"x15.0"x8.1"
WEIGHT, W/O BRACKETS: 70.3 lbs



6 SAMSUNG – RFV01U-D2A RRH DETAIL
SCALE: NOT TO SCALE

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BU #: **876376**
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HARWINTON ROD

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HARWINTON, CT 06791

EXISTING 177'-0" MONOPOLE

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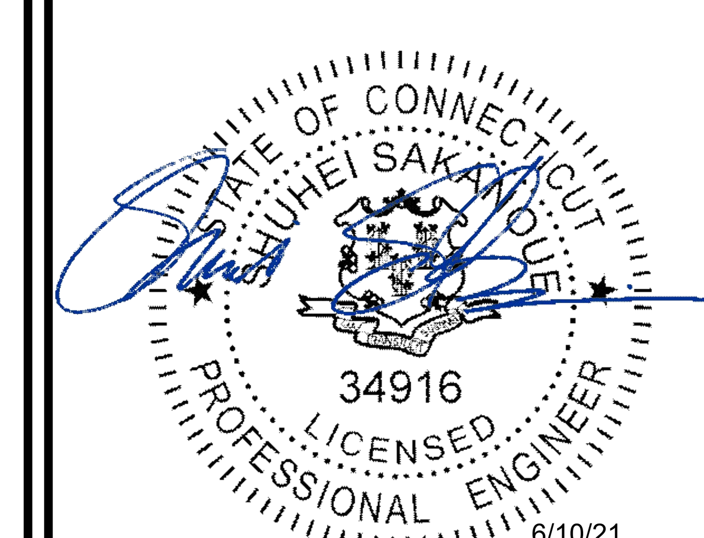
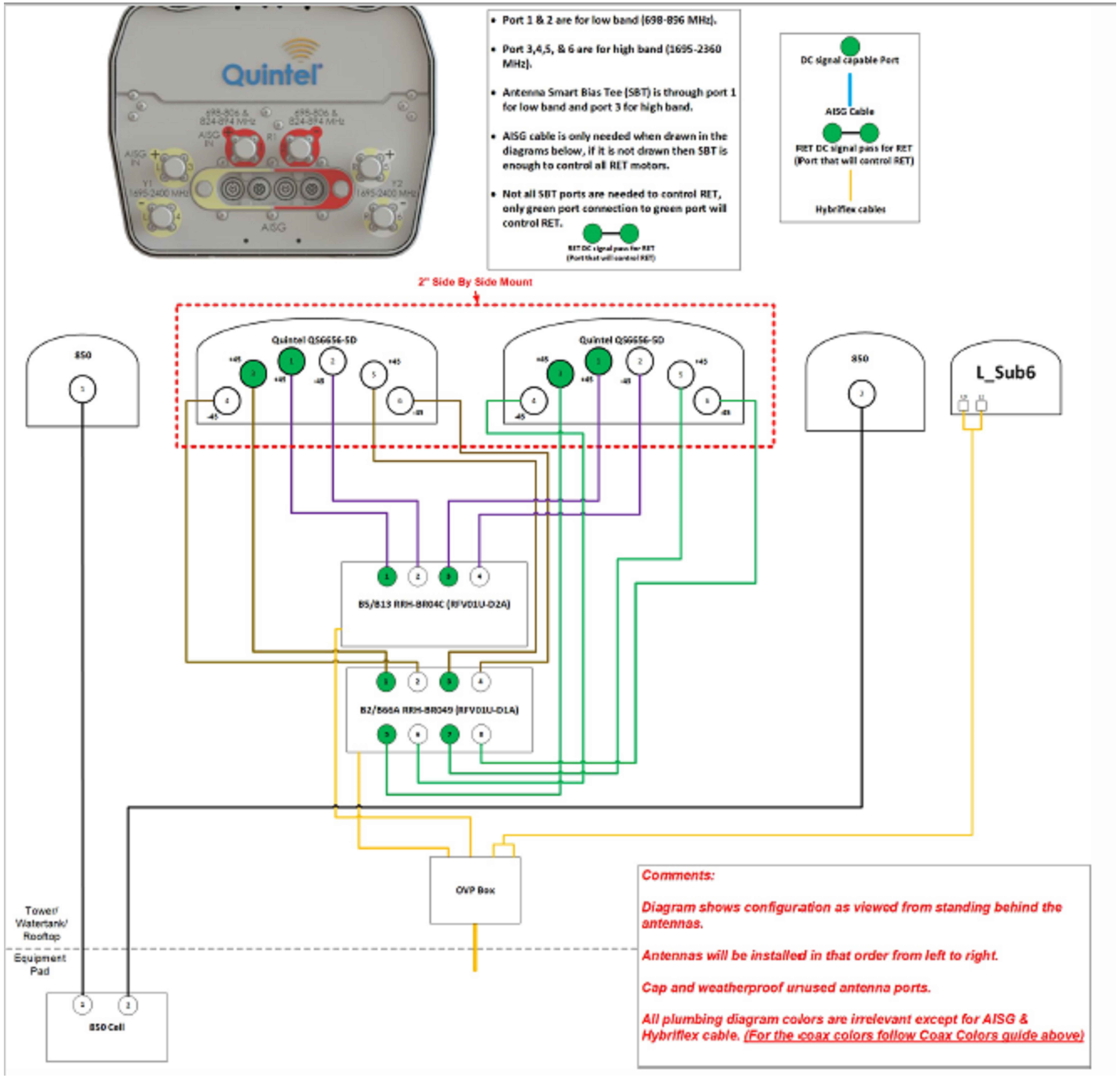


SHEET NUMBER: **C-5**
REVISION: **0**



1 PLUMBING DIAGRAM
SCALE: NOT TO SCALE

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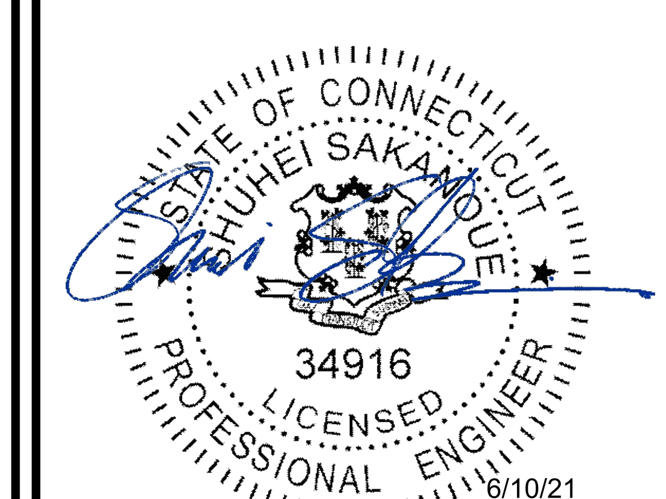

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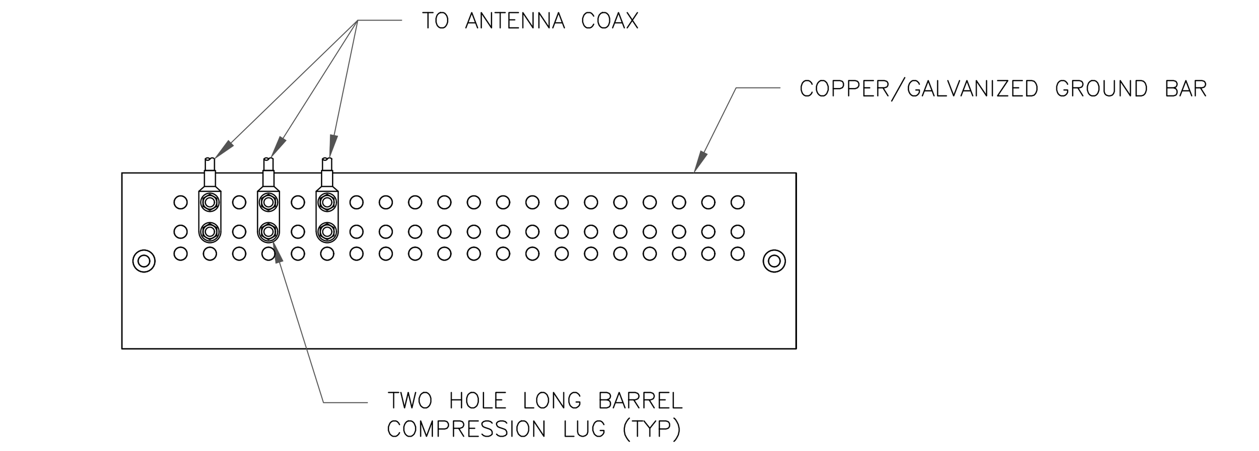
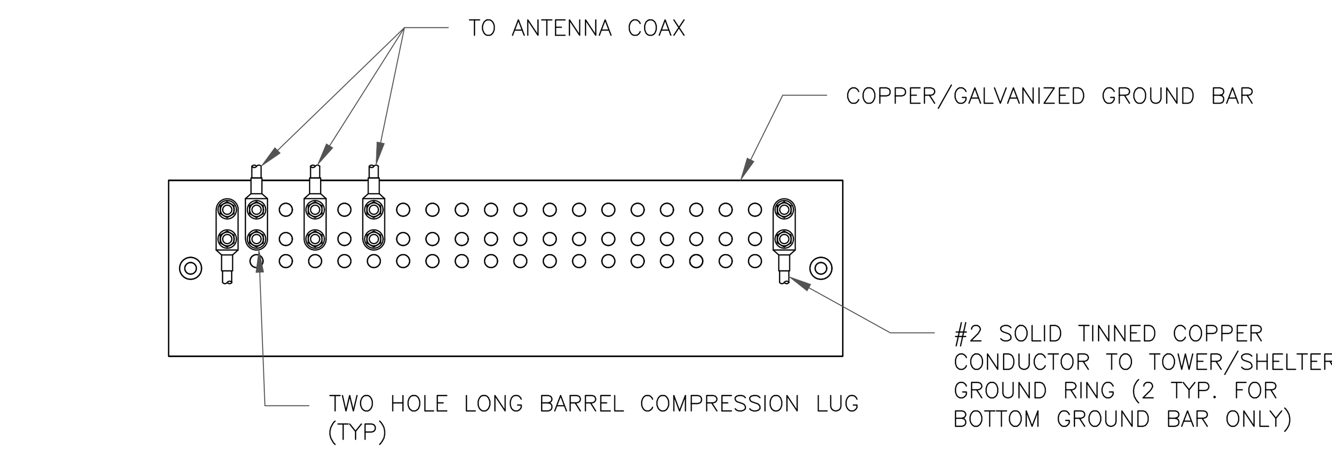
SHEET NUMBER: C-6
REVISION: 0



NOTES:

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

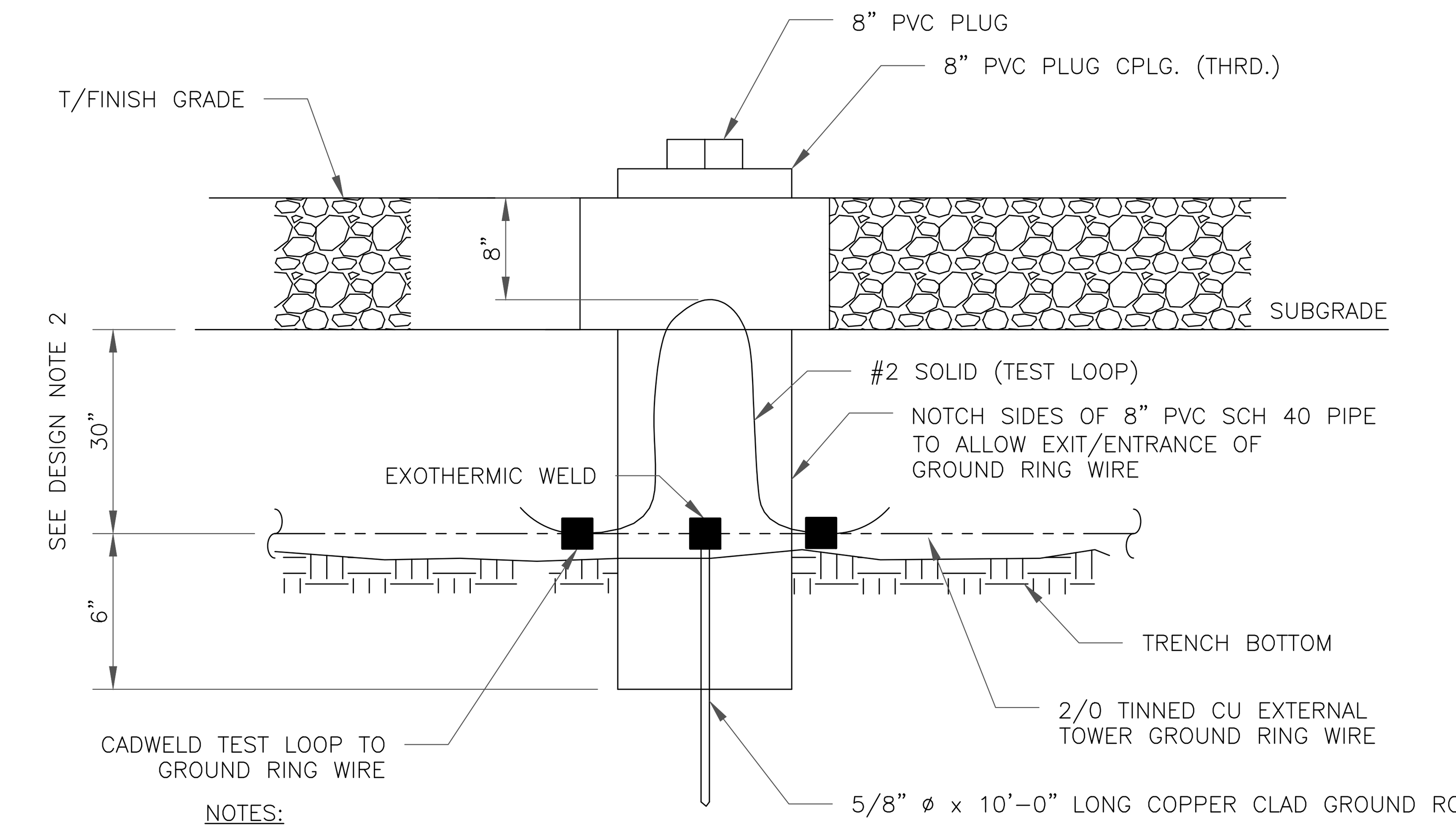
1 ANTENNA SECTOR GROUND BAR DETAIL
SCALE: NOT TO SCALE



NOTES:

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

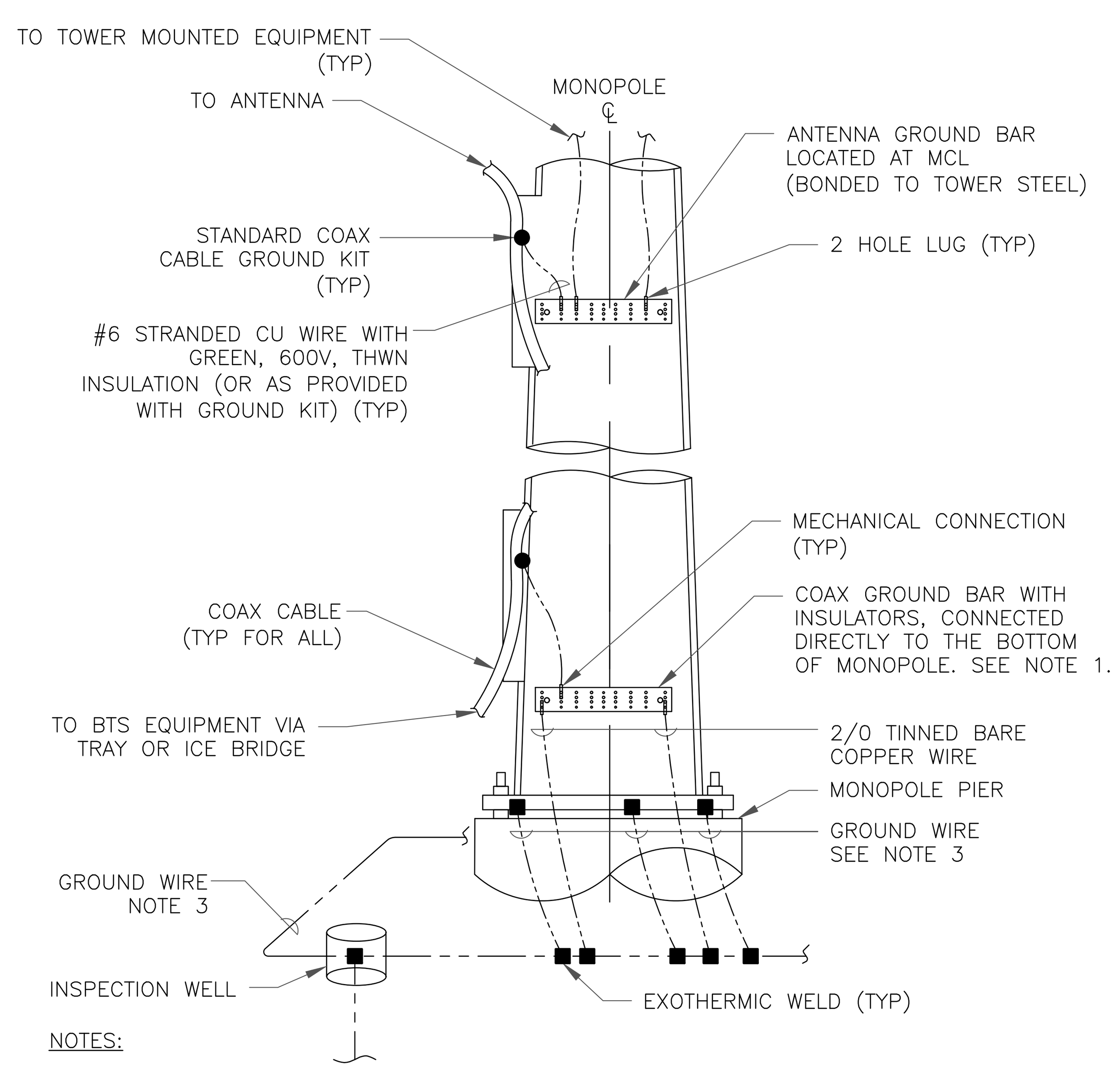
2 TOWER/SHELTER GROUND BAR DETAIL
SCALE: NOT TO SCALE



NOTES:

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

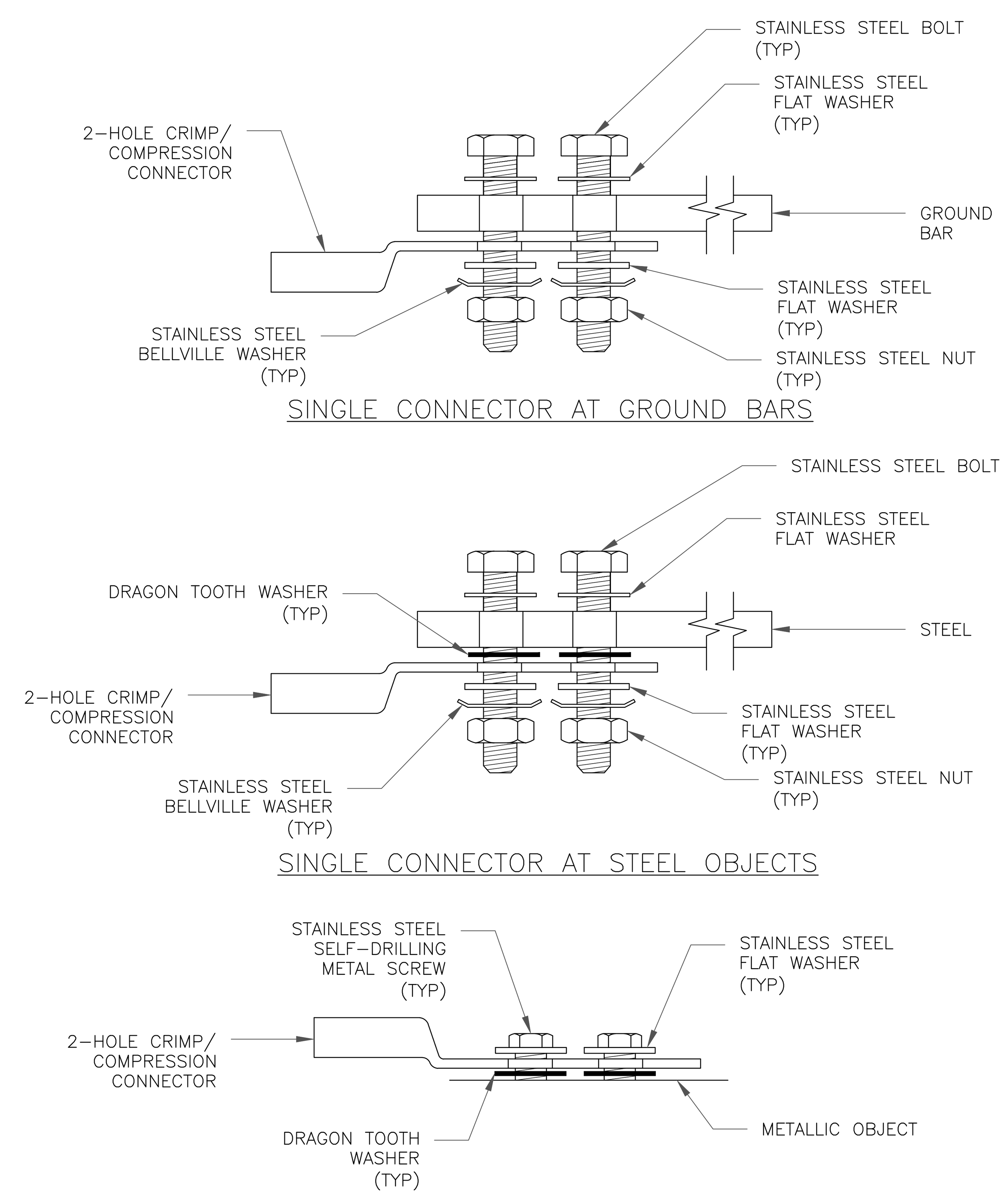
3 INSPECTION WELL DETAIL
SCALE: NOT TO SCALE



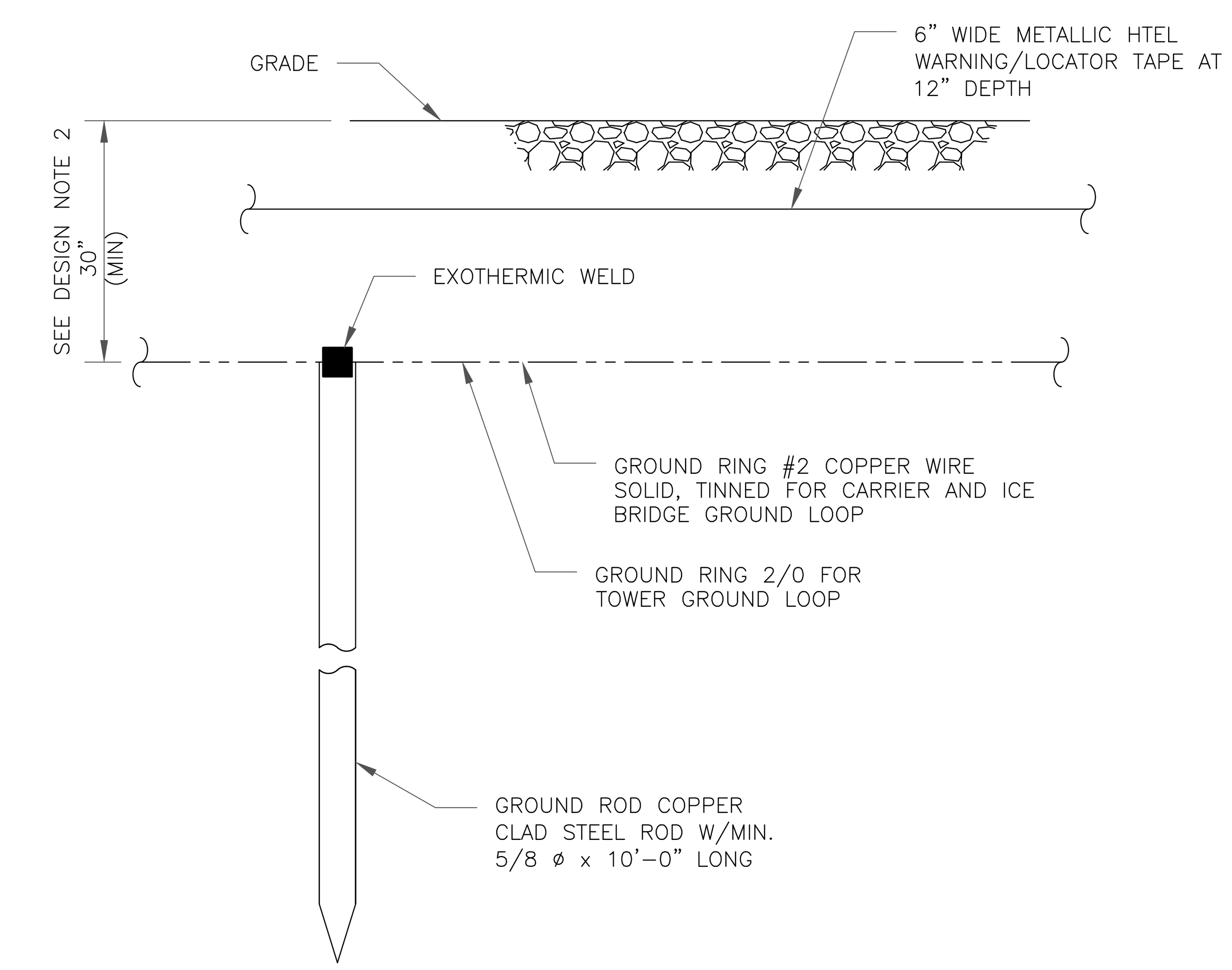
NOTES:

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

4 TYPICAL ANTENNA CABLE GROUNDING
SCALE: NOT TO SCALE



5 HARDWARE DETAIL FOR EXTERIOR CONNECTIONS
SCALE: NOT TO SCALE



NOTES:

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

6 GROUND ROD DETAIL
SCALE: NOT TO SCALE

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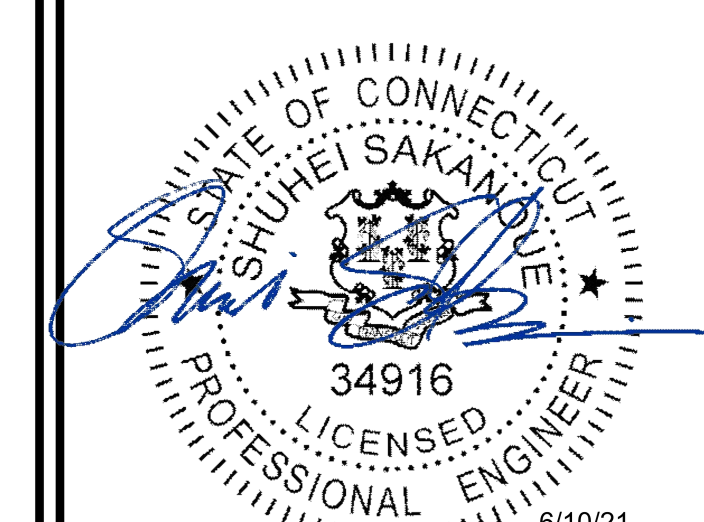

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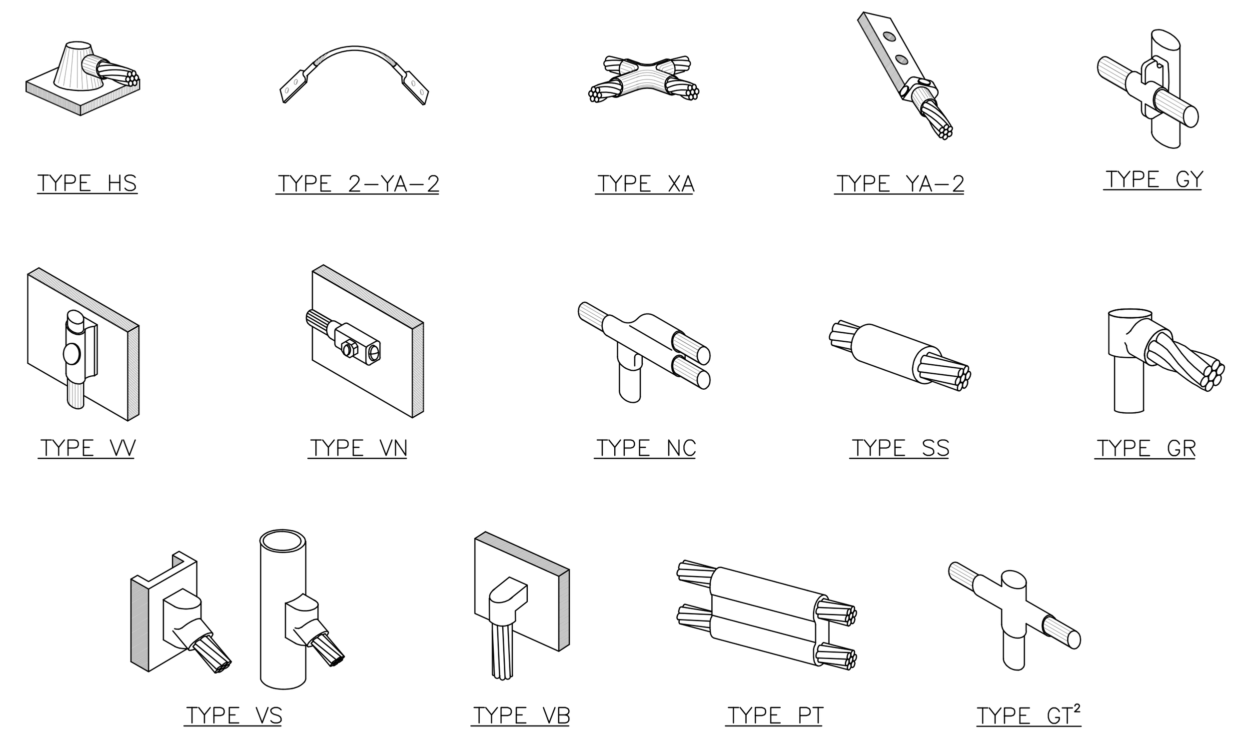
SHEET NUMBER: G-1
REVISION: 0

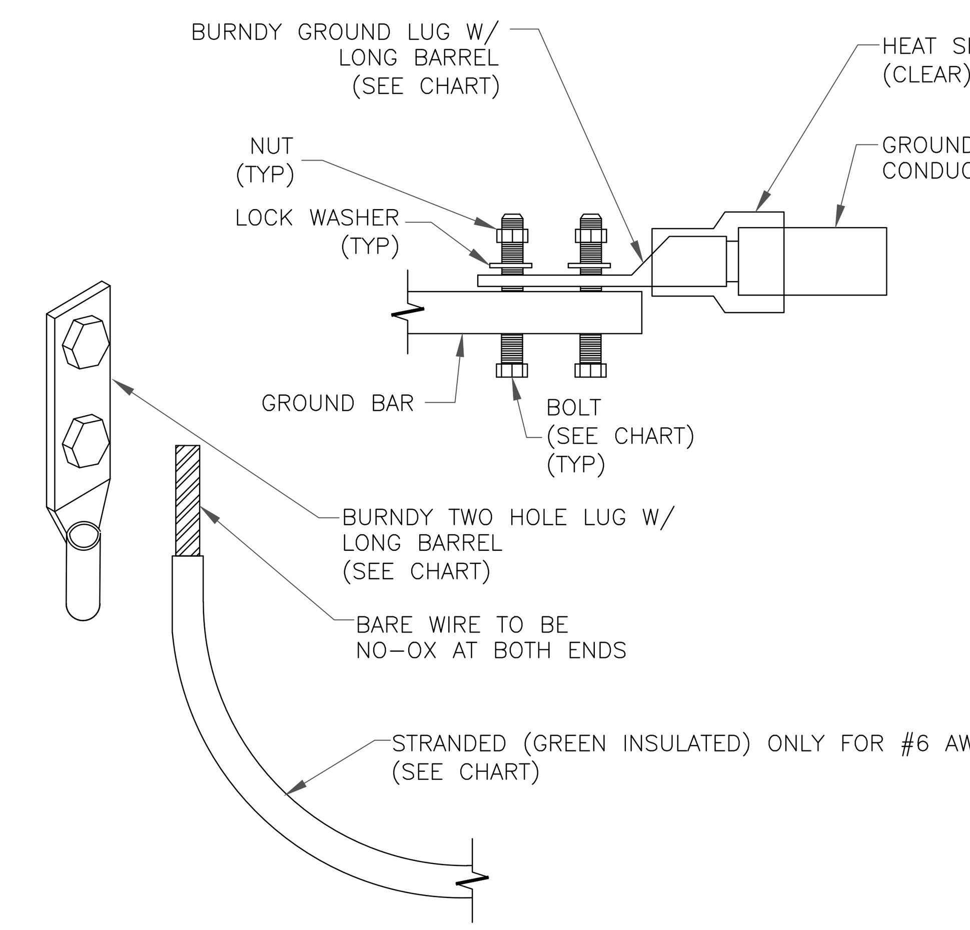


NOTE:

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

1 CADWELD GROUNDING CONNECTIONS
SCALE: NOT TO SCALE

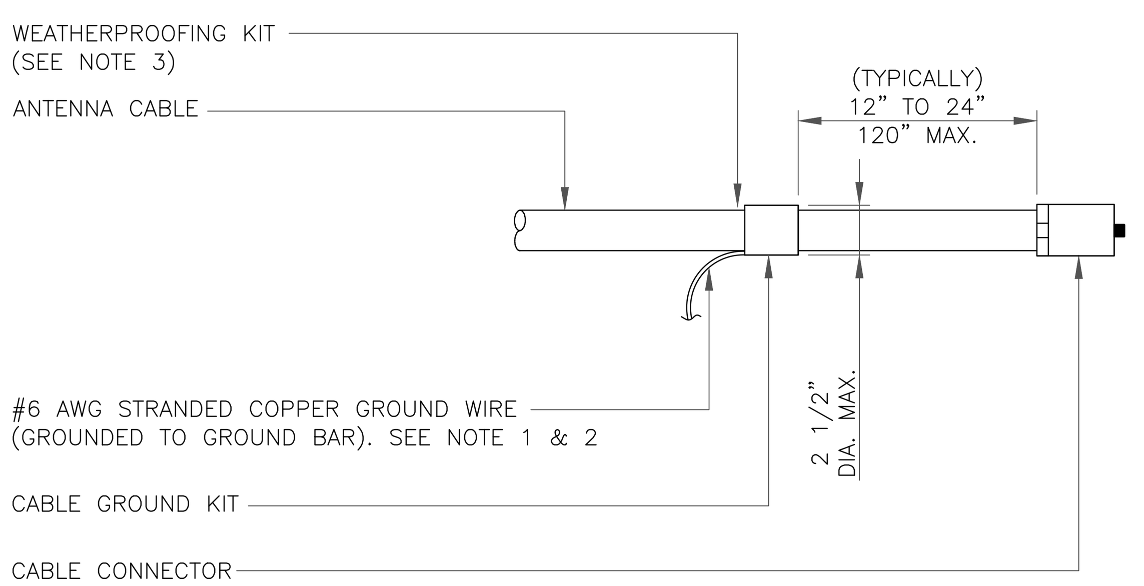
WIRE SIZE	BURNDY LUG	BOLT SIZE
#6 AWG GREEN INSULATED	YA6C-2TC38	3/8" - 16 NC S 2 BOLT
#2 AWG SOLID TINNED	YA3C-2TC38	3/8" - 16 NC S 2 BOLT
#2 AWG STRANDED	YA2C-2TC38	3/8" - 16 NC S 2 BOLT
#2/0 AWG STRANDED	YA26-2TC38	3/8" - 16 NC S 2 BOLT
#4/0 AWG STRANDED	YA28-2N	1/2" - 16 NC S 2 BOLT



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.

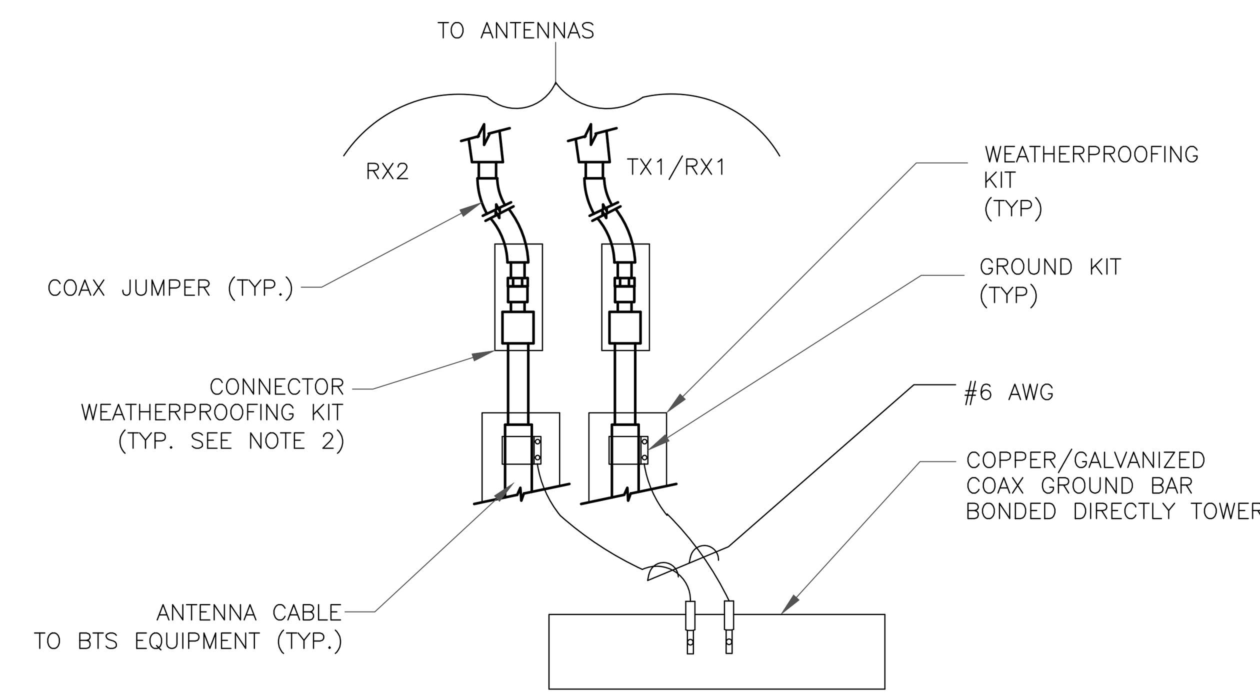
2 MECHANICAL LUG CONNECTION
SCALE: NOT TO SCALE



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.

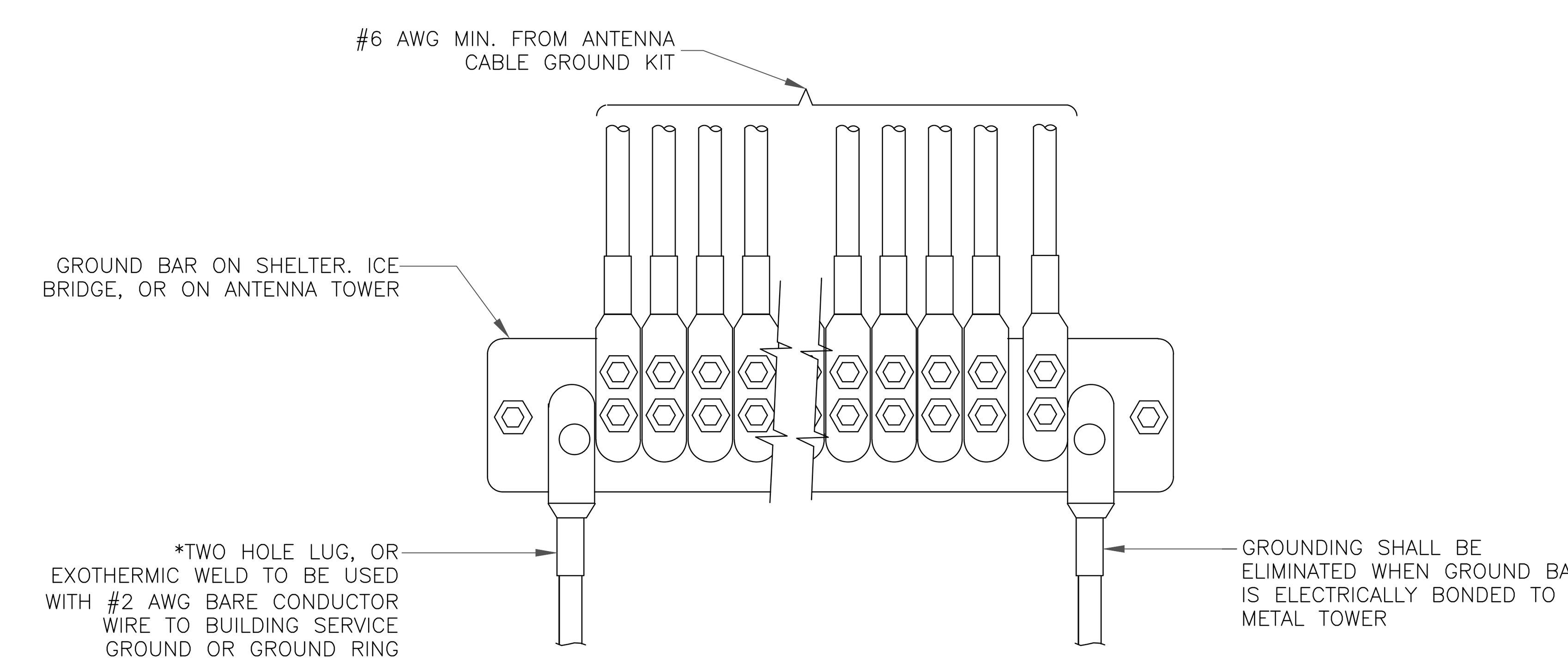
3 CABLE GROUND KIT CONNECTION
SCALE: NOT TO SCALE



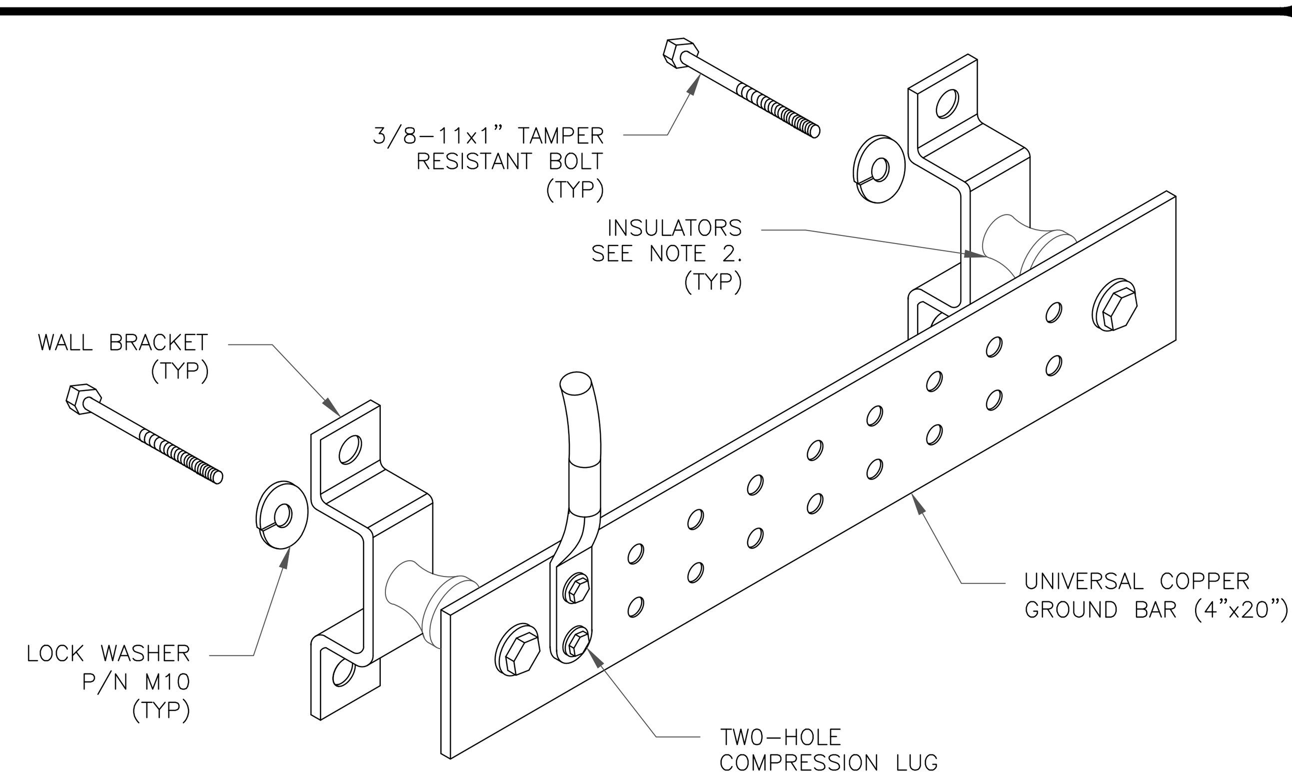
NOTES:

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



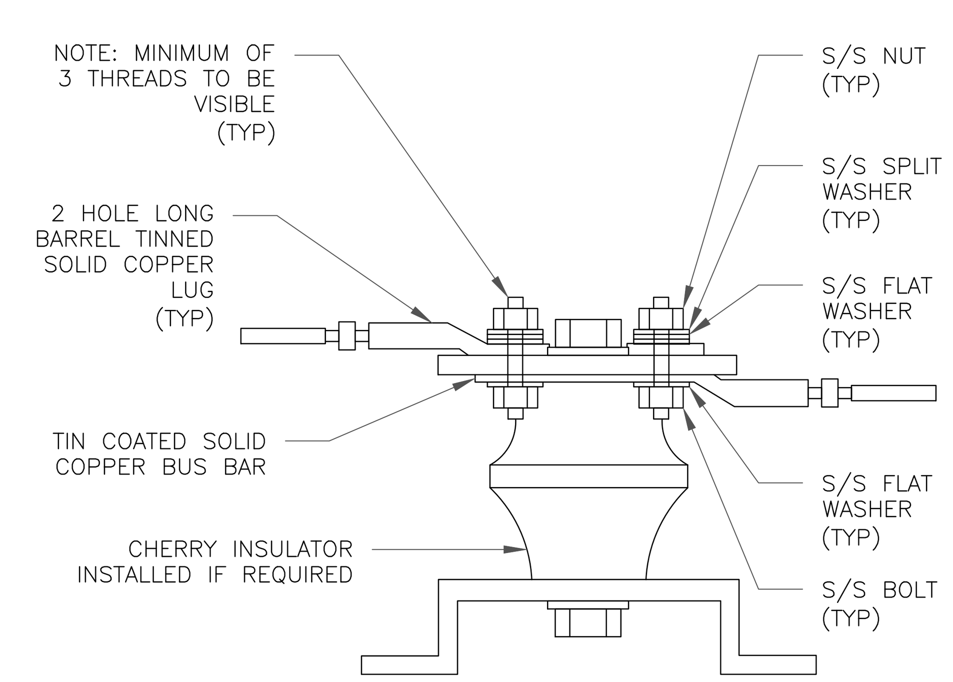
5 GROUNDWIRE INSTALLATION
SCALE: NOT TO SCALE



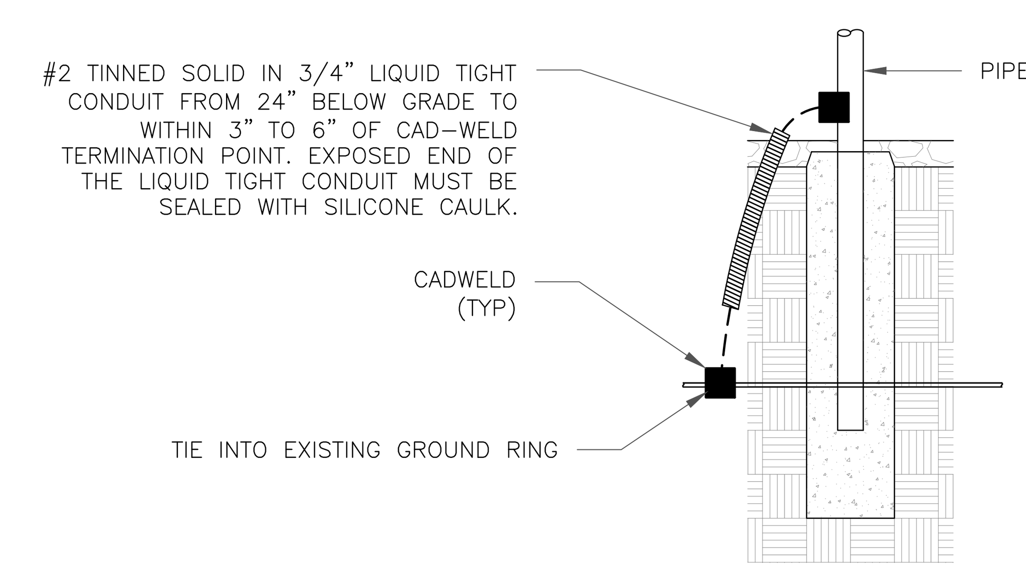
NOTES:

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

6 GROUND BAR DETAIL
SCALE: NOT TO SCALE



7 LUG DETAIL
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

INFINIGY
FROM ZERO TO INFINIGY
the solutions are endless
BELLEVUE, WA 98004

VERIZON SITE NUMBER:
468296

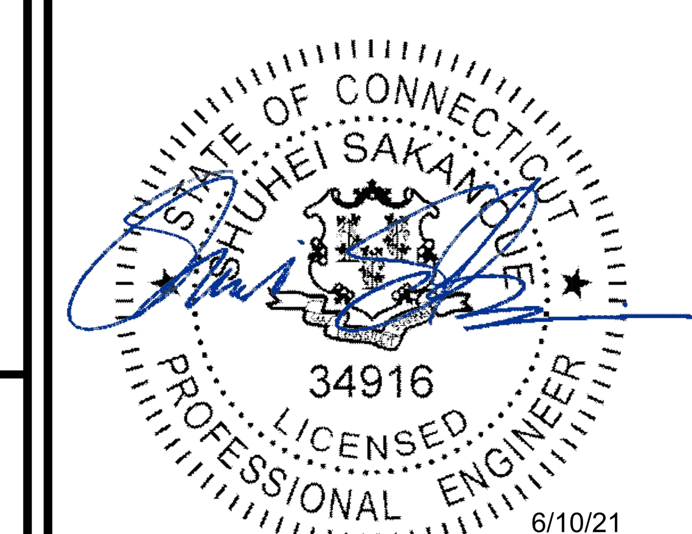
BU #: **876376**
SCOVILLE HILL / HARWINTON ROD

123 CAMPVILLE HILL RD.
HARWINTON, CT 06791

EXISTING 177'-0" MONOPOLE

ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	DES./QA
0	06/07/2021	RCD	FINAL CDs	--



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

SHEET NUMBER:	REVISION:
G-2	0

Exhibit D

Structural Analysis Report

Date: **May 11, 2021**

B+T GRP

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

Subject:	**Structural Analysis Report**	
Carrier Designation:	***Verizon Wireless* Co-Locate**	
	Site Number:	468296
	Site Name:	Harwinton W CT
Crown Castle Designation:	**BU Number:**	876376
	Site Name:	Scoville Hill / Harwinton Rod
	JDE Job Number:	644656
	Work Order Number:	1957204
	Order Number:	552650 Rev. 0
Engineering Firm Designation:	**B+T Group Project Number:**	83609.010.01
Site Data:	**123 Campville Hill Rd., Harwinton, Litchfield County, CT** **Latitude *41° 44' 12.4"*, Longitude *-73° 5' 49.4"*** **177 Foot - Monopole**	

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

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

LC5: Proposed Equipment Configuration **Sufficient Capacity - 87.9%**

This analysis utilizes an ultimate 3-second gust wind speed of 120 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: Carlon Bethell II

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

STATE OF CONNECTICUT
CHAD TUTTLE
No. 23924
LICENSED
PROFESSIONAL ENGINEER
5/11/21

Chad E. Tuttle, P.E.

tnxTower Report - version 8.0.9.0

TABLE OF CONTENTS

1) INTRODUCTION

This tower is a 177 ft Monopole designed by Summit in August of 2000.

The tower has been modified multiple times to accommodate additional loading.

Modifications designed by Hutter Trankina Engineering in August of 2004 are found to be ineffective and are considered for wind area only.

2) ANALYSIS CRITERIA

TIA-222 Revision: TIA-222-H
Risk Category: II
Wind Speed: 120 mph
Exposure Category: B
Topographic Factor: 1
Ice Thickness: 1.5 in
Wind Speed with Ice: 50 mph
Service Wind Speed: 60 mph

Table 1 - Proposed Equipment Configuration

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)
154.0	156.0	2	Antel	LPA-80063/6CF	7	1-5/8
		4	Antel	LPA-80080/6CF		
		6	Quintel Tech.	QS6656-5D		
		1	RFS Celwave	DB-C1-12C-24AB-0Z		
		3	Samsung Telecom.	MT6407-77A		
		3	Samsung Telecom.	RFV01U-D1A		
		3	Samsung Telecom.	RFV01U-D2A		
	154.0	1	--	Platform Mount [LP 303-1]		

Table 2 - Other Considered Equipment

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)
177.0	179.0	3	Alcatel Lucent	1900MHZ RRH (65MHZ)	4	1-1/4
		3	Alcatel Lucent	800 External Notch Filter		
		3	Alcatel Lucent	800MHZ RRH		
		3	Alcatel Lucent	TD-RRH8x20-25		
		9	RFS Celwave	ACU-A20-N		
	177.0	3	RFS Celwave	APXVSPP18-C-A20		
		3	RFS Celwave	APXVTM14-C-120		
		1	--	Platform Mount [LP 1201-1]		
167.0	169.0	3	Commscope	LNX-6515DS-A1M	12	1-5/8
		3	RFS Celwave	APXV18-206516S-C-A20		
	168.0	3	Ericsson	KRY 112 75/1		
	167.0	1	--	T-Arm Mount [TA 602-3]		
127.0	129.0	3	CCI Antennas	DMP65R-BU4D	6 2	1-5/8 7/8
		3	CCI Antennas	OPA65R-BU4D		

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)
		3	Ericsson	RRUS 4449 B5/B12	2 2	5/8 3/8
		3	Ericsson	RRUS 4478 B14_CCIV2		
		3	Ericsson	RRUS 8843 B2/B66A		
		3	Powerwave Tech.	7770.00		
		6	Powerwave Tech.	LGP21401		
		1	Raycap	DC6-48-60-18-8C-EV		
		1	Raycap	DC6-48-60-18-8F		
	127.0	1	--	Platform Mount [LP 303-1_HR-1]		
117.0	117.0	3	RFS Celwave	APXV18-206517S-C	6	1-5/8
79.0	80.0	1	Spectracom	8225	1	1/2
	79.0	1	--	Side Arm Mount [SO 701-1]		

3) ANALYSIS PROCEDURE

Table 3 - Documents Provided

Document	Reference	Source
Tower Manufacturing Drawings	1613568	CCI Sites
Tower Modification Drawings	1634507	CCI Sites
Legacy Modification Inspection	7041633	CCI Sites
Tower Modification Drawings	1623517	CCI Sites
Post Modification Inspection	2176310	CCI Sites
Tower Modification Drawings	2461486	CCI Sites
Post Modification Inspection	2461484	CCI Sites
Tower Modification Drawings	3384748	CCI Sites
Post Modification Inspection	3841069	CCI Sites
Foundation Drawings	1613623	CCI Sites
Geotech Report	1531965	CCI Sites
Crown CAD Package	Date: 04/20/2021	CCI Sites

3.1) Analysis Method

tnxTower (version 8.0.9.0), 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.

tnxTower was used to determine the loads on the modified structure. Additional calculations were performed to determine the stresses in the pole and in the reinforcing elements. These calculations are presented in Appendix C.

3.2) Assumptions

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

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

4) ANALYSIS RESULTS

Table 4 - Section Capacity (Summary)

Section No.	Elevation (ft)	Component Type	Size	Critical Element	P (K)	SF*P_allow (K)	% Capacity	Pass / Fail
L1	177 - 172	Pole	TP22.875x22x0.2188	1	-3.912	966.244	4.3	Pass
L2	172 - 167	Pole	TP23.75x22.875x0.2188	2	-4.227	1003.557	7.5	Pass
L3	167 - 162	Pole	TP24.625x23.75x0.2188	3	-6.007	1040.871	12.5	Pass
L4	162 - 157	Pole	TP25.5x24.625x0.2188	4	-6.411	1078.182	16.8	Pass
L5	157 - 152	Pole	TP26.375x25.5x0.2188	5	-9.939	1115.499	23.2	Pass
L6	152 - 147	Pole	TP27.25x26.375x0.2188	6	-10.432	1152.816	29.8	Pass
L7	147 - 142	Pole	TP28.124x27.25x0.2188	7	-10.945	1190.122	35.9	Pass
L8	142 - 137	Pole	TP28.999x28.124x0.2188	8	-11.478	1227.439	41.6	Pass
L9	137 - 133.5	Pole	TP30.268x28.999x0.2188	9	-11.861	1253.563	45.4	Pass
L10	133.5 - 128.5	Pole	TP30.049x29.174x0.25	10	-12.770	1452.433	43.4	Pass
L11	128.5 - 123.5	Pole	TP30.924x30.049x0.25	11	-16.785	1495.084	49.4	Pass
L12	123.5 - 118.58	Pole	TP31.785x30.924x0.25	12	-17.538	1537.021	54.6	Pass
L13	118.58 - 118.33	Pole + Reinf.	TP31.828x31.785x0.3875	13	-17.597	2375.289	49.5	Pass
L14	118.33 - 113.33	Pole + Reinf.	TP32.703x31.828x0.3875	14	-18.773	2441.386	54.1	Pass
L15	113.33 - 108.33	Pole + Reinf.	TP33.578x32.703x0.3813	15	-20.076	2467.510	58.4	Pass
L16	108.33 - 106.42	Pole + Reinf.	TP33.913x33.578x0.3813	16	-20.769	2492.427	60.0	Pass
L17	106.42 - 106.17	Pole	TP33.957x33.913x0.25	17	-20.860	1642.914	66.8	Pass
L18	106.17 - 101.17	Pole	TP34.832x33.957x0.25	18	-22.481	1685.554	71.3	Pass
L19	101.17 - 96.17	Pole	TP35.707x34.832x0.25	19	-25.050	1728.195	75.7	Pass
L20	96.17 - 91.17	Pole	TP36.582x35.707x0.25	20	-26.693	1770.846	80.3	Pass
L21	91.17 - 88.75	Pole	TP37.836x36.582x0.25	21	-27.494	1791.457	82.4	Pass
L22	88.75 - 83.75	Pole	TP37.38x36.505x0.3125	22	-29.826	2258.361	65.7	Pass
L23	83.75 - 78.75	Pole	TP38.255x37.38x0.3125	23	-33.718	2311.669	68.9	Pass
L24	78.75 - 73.75	Pole	TP39.13x38.255x0.3125	24	-35.673	2364.978	72.0	Pass
L25	73.75 - 68.75	Pole	TP40.005x39.13x0.3125	25	-37.658	2418.286	75.0	Pass
L26	68.75 - 63.75	Pole	TP40.88x40.005x0.3125	26	-39.688	2471.595	77.8	Pass
L27	63.75 - 58.75	Pole	TP41.755x40.88x0.3125	27	-44.201	2524.903	80.7	Pass
L28	58.75 - 53.75	Pole	TP42.63x41.755x0.3125	28	-46.283	2578.212	83.4	Pass
L29	53.75 - 48.75	Pole	TP43.505x42.63x0.3125	29	-48.388	2631.520	86.0	Pass
L30	48.75 - 45	Pole	TP45.167x43.505x0.3125	30	-50.761	2671.494	87.9	Pass
L31	45 - 38.25	Pole	TP44.717x43.536x0.375	31	-56.514	3241.885	73.2	Pass
L32	38.25 - 33.25	Pole	TP45.592x44.717x0.375	32	-58.837	3305.851	74.8	Pass
L33	33.25 - 28.25	Pole	TP46.467x45.592x0.375	33	-61.185	3369.817	76.4	Pass
L34	28.25 - 23.25	Pole	TP47.342x46.467x0.375	34	-63.556	3433.783	77.9	Pass

Section No.	Elevation (ft)	Component Type	Size	Critical Element	P (K)	SF*P_allow (K)	% Capacity	Pass / Fail
L35	23.25 - 18.25	Pole	TP48.217x47.342x0.375	35	-68.463	3497.749	79.4	Pass
L36	18.25 - 13.25	Pole	TP49.091x48.217x0.375	36	-70.988	3561.715	80.7	Pass
L37	13.25 - 8.25	Pole	TP49.966x49.091x0.375	37	-73.536	3625.681	82.0	Pass
L38	8.25 - 3.25	Pole	TP50.841x49.966x0.375	38	-76.108	3689.647	83.2	Pass
L39	3.25 - 0	Pole	TP51.41x50.841x0.375	39	-77.790	3731.227	84.0	Pass
							Summary	
						Pole (L30)	87.9	Pass
						Reinforcement	60.0	Pass
						Rating =	87.9	Pass

Table 5 - Tower Component Stresses vs. Capacity

Notes	Component	Elevation (ft)	% Capacity	Pass / Fail
1,2	Anchor Rod Brackets	Base	43.0	Pass
1,2	Anchor Rods	Base	62.5	Pass
1,2	Base Plate	Base	58.4	Pass
1,2	Base Foundation (Structure)	Base	42.7	Pass
1,2	Base Foundation (Soil Interaction)	Base	83.0	Pass
1,2	Concrete Breakout	Base	72.1	Pass

Structure Rating (max from all components) =	87.9%

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

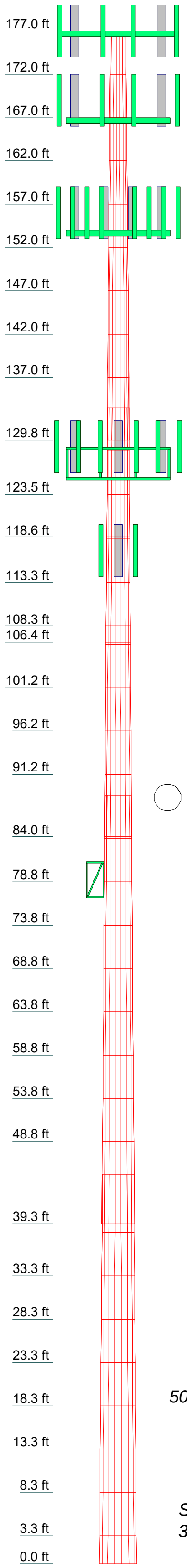
4.1) Recommendations

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

APPENDIX A

TNXTOWER OUTPUT

Section	Length (ft)	Number of Sides	Thickness (in)	Socket Length (ft)	Top Dia (in)	Bot Dia (in)	Grade	Weight (K)
1	5.000	18	0.219		22.000	22.875		0.3
2	5.000	18	0.219		22.875	23.750		0.3
3	5.000	18	0.219		23.750	24.625		0.3
4	5.000	18	0.219		24.625	25.500		0.3
5	5.000	18	0.219		25.500	26.375		0.3
6	5.000	18	0.219		26.375	27.250		0.3
7	5.000	18	0.219		27.250	28.124		0.3
8	5.000	18	0.219		28.124	28.999		0.3
9	7.250	18	0.219	3.750	28.999	30.268		0.5
10	5.000	18	0.250		29.174	30.049		0.4
11	5.000	18	0.250		30.049	30.924		0.4
12	[illegible]	18	0.250		30.924	31.785		0.4
13	[illegible]	18	[illegible]		[illegible]	[illegible]		0.0
14	5.000	18	0.38[illegible]		31.8[illegible]	32.703		0.6
15	5.000	18	0.381		32.703	33.578		0.7
16	[illegible]	18	[illegible]		[illegible]	[illegible]		0.3
17	[illegible]	18	[illegible]		[illegible]	[illegible]		0.0
18	5.000	18	0.250		33.9[illegible]	34.8[illegible]		0.5
19	5.000	18	0.250		34.832	35.707		0.5
20	5.000	18	0.250		35.707	36.582		0.5
21	6.667	18	0.250	4.750	36.582	37.836	A607-65	0.7
22	[illegible]	18	[illegible]		[illegible]	[illegible]		0.6
23	5.000	18	0.313		37.3[illegible]	38.255		0.6
24	5.000	18	0.313		38.255	39.130		0.6
25	5.000	18	0.313		39.130	40.005		0.7
26	5.000	18	0.313		40.005	40.880		0.7
27	5.000	18	0.313		40.880	41.755		0.7
28	5.000	18	0.313		41.755	42.630		0.7
29	5.000	18	0.313		42.630	43.505		0.7
30	6.750	18	0.313	5.750	43.505	45.167		1.4
31	[illegible]	18	0.375		[illegible]	[illegible]		1.2
32	5.000	18	0.375		44.7[illegible]	45.5[illegible]		0.9
33	5.000	18	0.375		45.592	46.467		0.9
34	5.000	18	0.375		46.467	47.342		0.9
35	5.000	18	0.375		47.342	48.217		1.0
36	5.000	18	0.375		48.217	49.091		1.0
37	5.000	18	0.375		49.091	49.966		1.0
38	5.000	18	0.375		49.966	50.841		1.0
39	3.250	18	0.375		50.841	51.416		0.7
								23.2



MATERIAL STRENGTH

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

TOWER DESIGN NOTES

1. Tower is located in Litchfield County, Connecticut.
2. Tower designed for Exposure B to the TIA-222-H Standard.
3. Tower designed for a 120 mph basic wind in accordance with the TIA-222-H Standard.
4. Tower is also designed for a 50 mph basic wind with 1.50 in ice. Ice is considered to increase in thickness with height.
5. Deflections are based upon a 60 mph wind.
6. Tower Risk Category II.
7. Topographic Category 1 with Crest Height of 0.000 ft
8. TIA-222-H Annex S
9. TOWER RATING: 87.9%

ALL REACTIONS ARE FACTORED

AXIAL 115 K
SHEAR 7 K
MOMENT 1015 kip-ft
TORQUE 0 kip-ft
50 mph WIND - 1.500 in ICE

AXIAL 78 K
SHEAR 30 K
MOMENT 3652 kip-ft
TORQUE 0 kip-ft
REACTIONS - 120 mph WIND

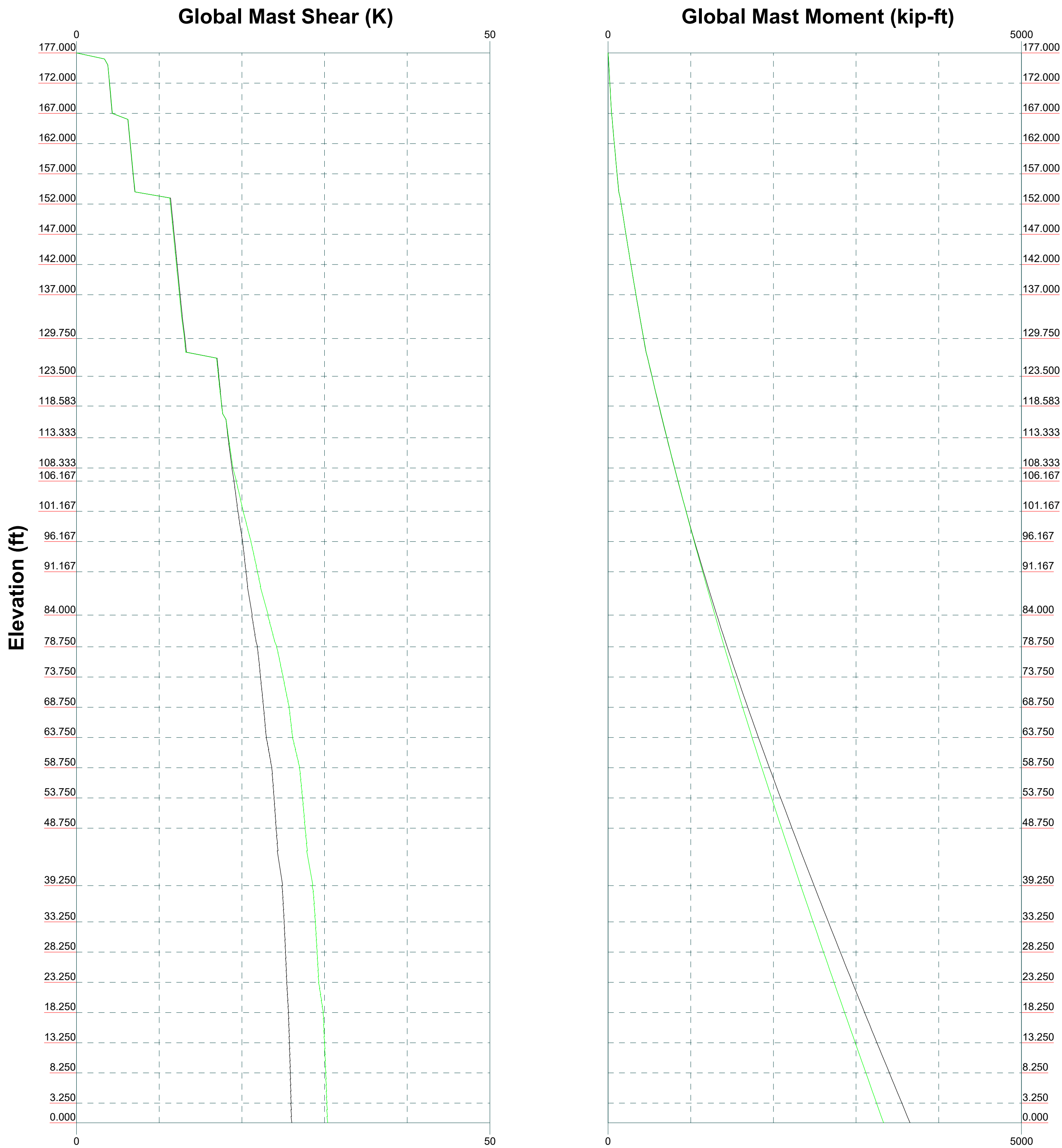
B+T Group
1717 S. Boulder, Suite 300
Tulsa, OK 74119
Phone: (918) 587-4630
FAX: (918) 295-0265

Job: **83609.010.01 - SCOVILLE HILL / HARWINTON ROD, CT (BU# 87637**		
Project:		
Client: Crown Castle	Drawn by: JD Prabhu	App'd:
Code: TIA-222-H	Date: 05/08/21	Scale: NTS
Path:		Dwg No. E-1

TIA-222-H - 120 mph/50 mph 1.500 in Ice Exposure B

Maximum Values

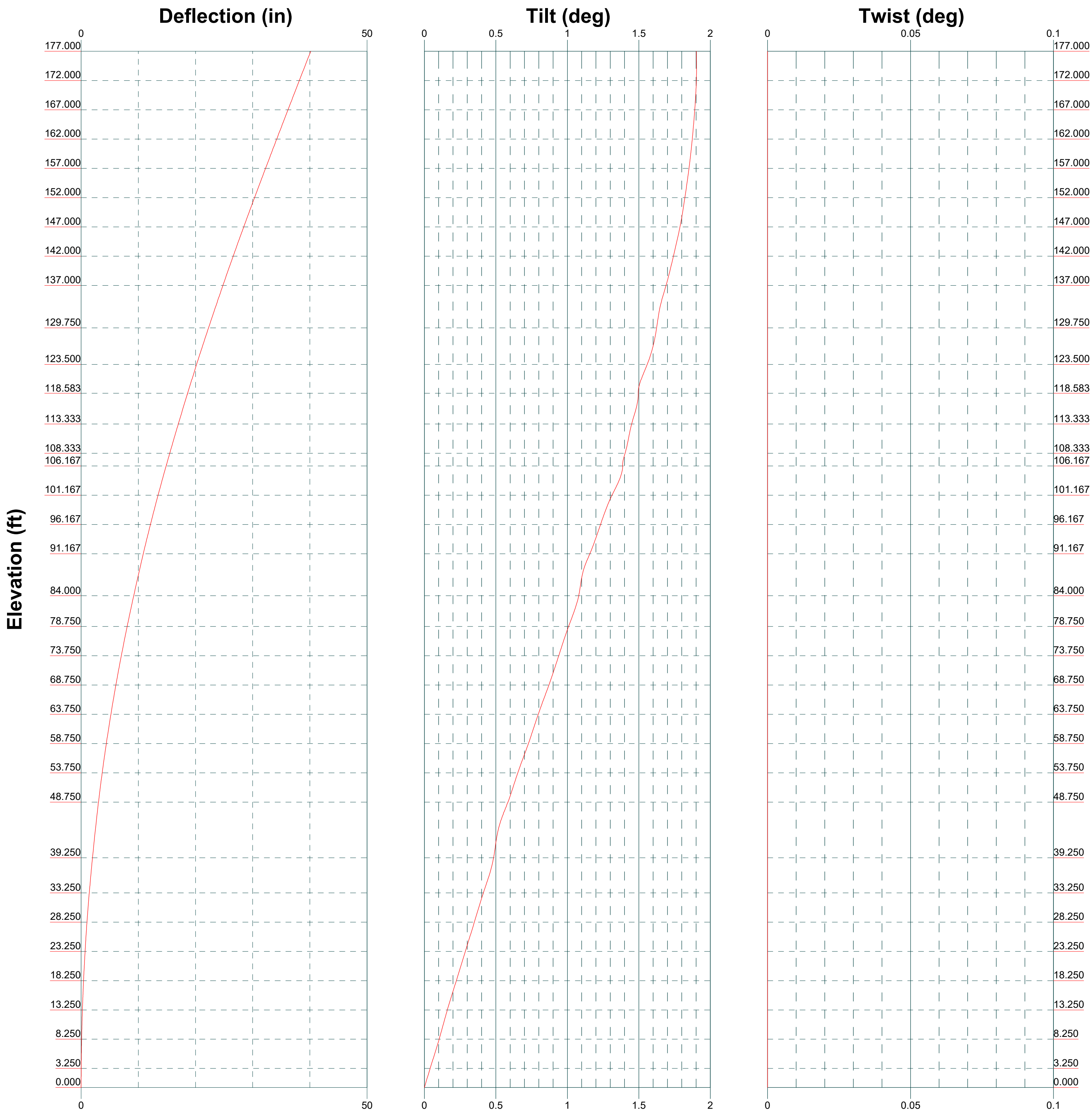
Vx Vz Mx Mz



B+T Group 1717 S. Boulder, Suite 300 Tulsa, OK 74119 Phone: (918) 587-4630 FAX: (918) 295-0265	Job: **83609.010.01 - SCOVILLE HILL / HARWINTON ROD, CT (BU# 87637**
	Project:
	Client: Crown Castle · Drawn by: JD Prabhu · App'd:
	Code: TIA-222-H · Date: 05/08/21 · Scale: NTS
	Path: · Dwg No. E-4

TIA-222-H - Service - 60 mph

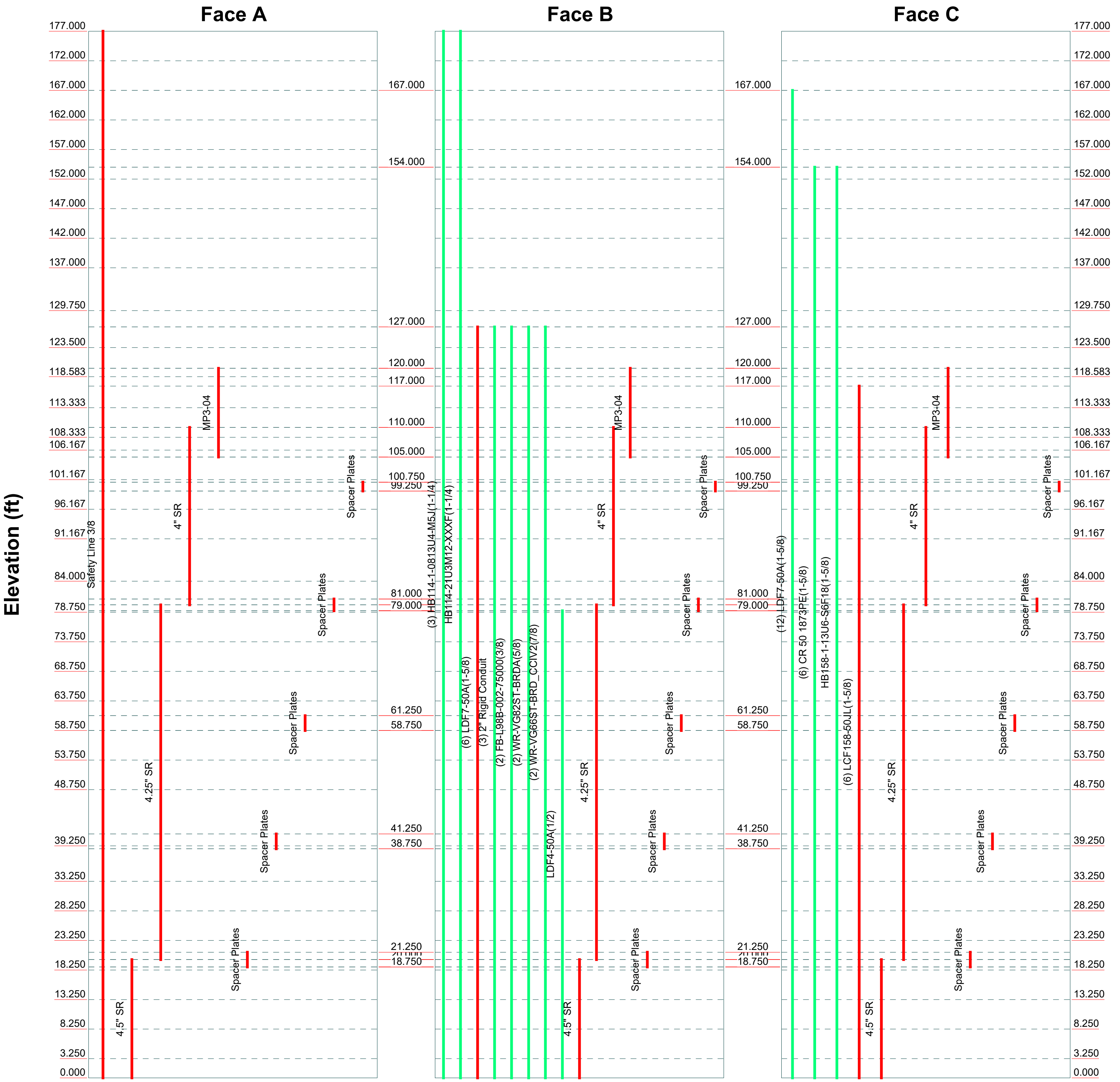
Maximum Values



B+T Group 1717 S. Boulder, Suite 300 Tulsa, OK 74119 Phone: (918) 587-4630 FAX: (918) 295-0265	Job: ***83609.010.01 - SCOVILLE HILL / HARWINTON ROD, CT (BU# 87637***	
	Project:	
	Client: Crown Castle	Drawn by: JD Prabhu · App'd:
	Code: TIA-222-H	Date: 05/08/21 · Scale: NTS
	Path:	Dwg No. E-5

Feed Line Distribution Chart
0' - 177'

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



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Job: ***83609.010.01 - SCOVILLE HILL / HARWINTON ROD, CT (BU# 87637***		
Project:		
Client: Crown Castle	Drawn by: JD Prabhu	App'd:
Code: TIA-222-H	Date: 05/08/21	Scale: NTS
Path:		Dwg No. E-7

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 Litchfield County, Connecticut.
- Tower base elevation above sea level: 735.000 ft.
- Basic wind speed of 120 mph.
- Risk Category II.
- Exposure Category B.
- Simplified Topographic Factor Procedure for wind speed-up calculations is used.
- Topographic Category: 1.
- Crest Height: 0.000 ft.
- Nominal ice thickness of 1.500 in.
- Ice thickness is considered to increase with height.
- Ice density of 56.000 pcf.
- A wind speed of 50 mph is used in combination with ice.
- Temperature drop of 50.000 °F.
- Deflections calculated using a wind speed of 60 mph.
- TIA-222-H Annex S.
- TOWER RATING: 87.9%.
- 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

B+T Group
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Tapered Pole Section Geometry

Section	Elevation ft	Section Length ft	Splice Length ft	Number of Sides	Top Diameter in	Bottom Diameter in	Wall Thickness in	Bend Radius in	Pole Grade
L1	177.000-172.000	5.000	0.000	18	22.000	22.875	0.219	0.875	A607-65 (65 ksi)
L2	172.000-167.000	5.000	0.000	18	22.875	23.750	0.219	0.875	A607-65 (65 ksi)
L3	167.000-162.000	5.000	0.000	18	23.750	24.625	0.219	0.875	A607-65 (65 ksi)
L4	162.000-157.000	5.000	0.000	18	24.625	25.500	0.219	0.875	A607-65 (65 ksi)
L5	157.000-152.000	5.000	0.000	18	25.500	26.375	0.219	0.875	A607-65 (65 ksi)
L6	152.000-147.000	5.000	0.000	18	26.375	27.250	0.219	0.875	A607-65 (65 ksi)
L7	147.000-142.000	5.000	0.000	18	27.250	28.124	0.219	0.875	A607-65 (65 ksi)
L8	142.000-137.000	5.000	0.000	18	28.124	28.999	0.219	0.875	A607-65 (65 ksi)
L9	137.000-129.750	7.250	3.750	18	28.999	30.268	0.219	0.875	A607-65 (65 ksi)
L10	129.750-128.500	5.000	0.000	18	29.174	30.049	0.250	1.000	A607-65 (65 ksi)
L11	128.500-123.500	5.000	0.000	18	30.049	30.924	0.250	1.000	A607-65 (65 ksi)
L12	123.500-118.583	4.917	0.000	18	30.924	31.785	0.250	1.000	A607-65 (65 ksi)
L13	118.583-118.333	0.250	0.000	18	31.785	31.828	0.388	1.550	A607-65 (65 ksi)
L14	118.333-113.333	5.000	0.000	18	31.828	32.703	0.388	1.550	A607-65 (65 ksi)
L15	113.333-108.333	5.000	0.000	18	32.703	33.578	0.381	1.525	A607-65 (65 ksi)
L16	108.333-106.417	1.916	0.000	18	33.578	33.913	0.381	1.525	A607-65 (65 ksi)
L17	106.417-106.167	0.250	0.000	18	33.913	33.957	0.250	1.000	A607-65 (65 ksi)
L18	106.167-101.167	5.000	0.000	18	33.957	34.832	0.250	1.000	A607-65 (65 ksi)
L19	101.167-96.167	5.000	0.000	18	34.832	35.707	0.250	1.000	A607-65 (65 ksi)
L20	96.167-91.167	5.000	0.000	18	35.707	36.582	0.250	1.000	A607-65 (65 ksi)
L21	91.167-84.000	7.167	4.750	18	36.582	37.836	0.250	1.000	A607-65 (65 ksi)
L22	84.000-83.750	5.000	0.000	18	36.505	37.380	0.313	1.250	A607-65 (65 ksi)
L23	83.750-78.750	5.000	0.000	18	37.380	38.255	0.313	1.250	A607-65 (65 ksi)
L24	78.750-73.750	5.000	0.000	18	38.255	39.130	0.313	1.250	A607-65 (65 ksi)
L25	73.750-68.750	5.000	0.000	18	39.130	40.005	0.313	1.250	A607-65 (65 ksi)
L26	68.750-63.750	5.000	0.000	18	40.005	40.880	0.313	1.250	A607-65 (65 ksi)
L27	63.750-58.750	5.000	0.000	18	40.880	41.755	0.313	1.250	A607-65 (65 ksi)
L28	58.750-53.750	5.000	0.000	18	41.755	42.630	0.313	1.250	A607-65 (65 ksi)

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
L29	53.750-48.750	5.000	0.000	18	42.630	43.505	0.313	1.250	A607-65 (65 ksi)
L30	48.750-39.250	9.500	5.750	18	43.505	45.167	0.313	1.250	A607-65 (65 ksi)
L31	39.250-38.250	6.750	0.000	18	43.536	44.717	0.375	1.500	A607-65 (65 ksi)
L32	38.250-33.250	5.000	0.000	18	44.717	45.592	0.375	1.500	A607-65 (65 ksi)
L33	33.250-28.250	5.000	0.000	18	45.592	46.467	0.375	1.500	A607-65 (65 ksi)
L34	28.250-23.250	5.000	0.000	18	46.467	47.342	0.375	1.500	A607-65 (65 ksi)
L35	23.250-18.250	5.000	0.000	18	47.342	48.217	0.375	1.500	A607-65 (65 ksi)
L36	18.250-13.250	5.000	0.000	18	48.217	49.091	0.375	1.500	A607-65 (65 ksi)
L37	13.250-8.250	5.000	0.000	18	49.091	49.966	0.375	1.500	A607-65 (65 ksi)
L38	8.250-3.250	5.000	0.000	18	49.966	50.841	0.375	1.500	A607-65 (65 ksi)
L39	3.250-0.000	3.250		18	50.841	51.410	0.375	1.500	A607-65 (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	22.306	15.123	906.444	7.732	11.176	81.106	1814.080	7.563	3.487	15.941
	23.194	15.730	1020.122	8.043	11.620	87.787	2041.586	7.867	3.641	16.645
L2	23.194	15.730	1020.122	8.043	11.620	87.787	2041.586	7.867	3.641	16.645
	24.082	16.338	1142.927	8.354	12.065	94.731	2287.359	8.171	3.795	17.348
L3	24.082	16.338	1142.927	8.354	12.065	94.731	2287.359	8.171	3.795	17.348
	24.971	16.945	1275.213	8.664	12.509	101.941	2552.105	8.474	3.949	18.052
L4	24.971	16.945	1275.213	8.664	12.509	101.941	2552.105	8.474	3.949	18.052
	25.859	17.553	1417.332	8.975	12.954	109.414	2836.530	8.778	4.103	18.756
L5	25.859	17.553	1417.332	8.975	12.954	109.414	2836.530	8.778	4.103	18.756
	26.748	18.160	1569.637	9.285	13.398	117.152	3141.338	9.082	4.257	19.46
L6	26.748	18.160	1569.637	9.285	13.398	117.152	3141.338	9.082	4.257	19.46
	27.636	18.768	1732.479	9.596	13.843	125.154	3467.237	9.386	4.411	20.164
L7	27.636	18.768	1732.479	9.596	13.843	125.154	3467.237	9.386	4.411	20.164
	28.525	19.375	1906.211	9.907	14.287	133.421	3814.930	9.689	4.565	20.868
L8	28.525	19.375	1906.211	9.907	14.287	133.421	3814.930	9.689	4.565	20.868
	29.413	19.983	2091.186	10.217	14.732	141.952	4185.123	9.993	4.719	21.572
L9	29.413	19.983	2091.186	10.217	14.732	141.952	4185.123	9.993	4.719	21.572
	30.701	20.864	2380.090	10.667	15.376	154.791	4763.311	10.434	4.942	22.593
L10	30.252	22.951	2425.903	10.268	14.821	163.685	4854.998	11.478	4.695	18.779
	30.474	23.646	2652.769	10.579	15.265	173.781	5309.028	11.825	4.849	19.395
L11	30.474	23.646	2652.769	10.579	15.265	173.781	5309.028	11.825	4.849	19.395
	31.363	24.340	2893.356	10.889	15.709	184.179	5790.518	12.172	5.003	20.011
L12	31.363	24.340	2893.356	10.889	15.709	184.179	5790.518	12.172	5.003	20.011
	32.236	25.023	3143.720	11.195	16.147	194.699	6291.578	12.514	5.154	20.616
L13	32.215	38.616	4809.304	11.146	16.147	297.853	9624.936	19.312	4.912	12.676
	32.260	38.670	4829.435	11.161	16.169	298.689	9665.224	19.339	4.920	12.696
L14	32.260	38.670	4829.435	11.161	16.169	298.689	9665.224	19.339	4.920	12.696
	33.148	39.746	5243.931	11.472	16.613	315.648	10494.762	19.877	5.074	13.094
L15	33.149	39.112	5162.346	11.474	16.613	310.737	10331.484	19.560	5.085	13.337

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
	34.037	40.171	5593.012	11.785	17.058	327.888	11193.384	20.089	5.239	13.741
L16	34.037	40.171	5593.012	11.785	17.058	327.888	11193.384	20.089	5.239	13.741
	34.378	40.577	5764.188	11.904	17.228	334.582	11535.960	20.292	5.298	13.896
L17	34.398	26.712	3824.353	11.951	17.228	221.985	7653.739	13.358	5.529	22.115
	34.442	26.747	3839.282	11.966	17.250	222.564	7683.616	13.376	5.536	22.146
L18	34.442	26.747	3839.282	11.966	17.250	222.564	7683.616	13.376	5.536	22.146
	35.331	27.441	4146.072	12.277	17.695	234.312	8297.599	13.723	5.690	22.762
L19	35.331	27.441	4146.072	12.277	17.695	234.312	8297.599	13.723	5.690	22.762
	36.219	28.135	4468.784	12.587	18.139	246.361	8943.449	14.070	5.844	23.378
L20	36.219	28.135	4468.784	12.587	18.139	246.361	8943.449	14.070	5.844	23.378
	37.108	28.829	4807.822	12.898	18.584	258.713	9621.971	14.417	5.998	23.994
L21	37.108	28.829	4807.822	12.898	18.584	258.713	9621.971	14.417	5.998	23.994
	38.381	29.824	5323.077	13.343	19.221	276.945	10653.157	14.915	6.219	24.877
L22	37.864	35.898	5940.787	12.848	18.544	320.354	11889.390	17.953	5.875	18.8
	37.908	36.766	6382.151	13.159	18.989	336.098	12772.700	18.387	6.029	19.292
L23	37.908	36.766	6382.151	13.159	18.989	336.098	12772.700	18.387	6.029	19.292
	38.797	37.634	6844.852	13.470	19.433	352.221	13698.710	18.821	6.183	19.785
L24	38.797	37.634	6844.852	13.470	19.433	352.221	13698.710	18.821	6.183	19.785
	39.685	38.502	7329.392	13.780	19.878	368.721	14668.428	19.255	6.337	20.278
L25	39.685	38.502	7329.392	13.780	19.878	368.721	14668.428	19.255	6.337	20.278
	40.574	39.370	7836.276	14.091	20.322	385.598	15682.864	19.689	6.491	20.771
L26	40.574	39.370	7836.276	14.091	20.322	385.598	15682.864	19.689	6.491	20.771
	41.462	40.238	8366.008	14.401	20.767	402.854	16743.024	20.123	6.645	21.263
L27	41.462	40.238	8366.008	14.401	20.767	402.854	16743.024	20.123	6.645	21.263
	42.351	41.105	8919.090	14.712	21.211	420.487	17849.917	20.557	6.799	21.756
L28	42.351	41.105	8919.090	14.712	21.211	420.487	17849.917	20.557	6.799	21.756
	43.239	41.973	9496.028	15.023	21.656	438.497	19004.550	20.991	6.953	22.249
L29	43.239	41.973	9496.028	15.023	21.656	438.497	19004.550	20.991	6.953	22.249
	44.127	42.841	10097.323	15.333	22.100	456.886	20207.932	21.425	7.107	22.742
L30	44.127	42.841	10097.323	15.333	22.100	456.886	20207.932	21.425	7.107	22.742
	45.816	44.490	11308.694	15.923	22.945	492.864	22632.268	22.249	7.399	23.678
L31	45.171	51.372	12090.485	15.322	22.116	546.681	24196.880	25.691	7.002	18.673
	45.349	52.778	13110.496	15.741	22.716	577.143	26238.243	26.394	7.210	19.227
L32	45.349	52.778	13110.496	15.741	22.716	577.143	26238.243	26.394	7.210	19.227
	46.237	53.819	13901.960	16.052	23.161	600.240	27822.213	26.915	7.364	19.638
L33	46.237	53.819	13901.960	16.052	23.161	600.240	27822.213	26.915	7.364	19.638
	47.126	54.861	14724.654	16.363	23.605	623.791	29468.683	27.436	7.518	20.048
L34	47.126	54.861	14724.654	16.363	23.605	623.791	29468.683	27.436	7.518	20.048
	48.014	55.902	15579.180	16.673	24.050	647.795	31178.859	27.956	7.672	20.459
L35	48.014	55.902	15579.180	16.673	24.050	647.795	31178.859	27.956	7.672	20.459
	48.903	56.943	16466.144	16.984	24.494	672.252	32953.955	28.477	7.826	20.87
L36	48.903	56.943	16466.144	16.984	24.494	672.252	32953.955	28.477	7.826	20.87
	49.791	57.985	17386.149	17.294	24.938	697.162	34795.175	28.998	7.980	21.28
L37	49.791	57.985	17386.149	17.294	24.938	697.162	34795.175	28.998	7.980	21.28
	50.679	59.026	18339.801	17.605	25.383	722.525	36703.734	29.519	8.134	21.691
L38	50.679	59.026	18339.801	17.605	25.383	722.525	36703.734	29.519	8.134	21.691
	51.568	60.068	19327.702	17.916	25.827	748.341	38680.835	30.039	8.288	22.102
L39	51.568	60.068	19327.702	17.916	25.827	748.341	38680.835	30.039	8.288	22.102
	52.145	60.744	19988.490	18.117	26.116	765.365	40003.282	30.378	8.388	22.368

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 177.000-172.000				1	1	1			
L2 172.000-167.000				1	1	1			

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
L3 167.000-162.000				1	1	1			
L4 162.000-157.000				1	1	1			
L5 157.000-152.000				1	1	1			
L6 152.000-147.000				1	1	1			
L7 147.000-142.000				1	1	1			
L8 142.000-137.000				1	1	1			
L9 137.000-129.750				1	1	1			
L10 129.750-128.500				1	1	1			
L11 128.500-123.500				1	1	1			
L12 123.500-118.583				1	1	1			
L13 118.583-118.333				1	1	0.968399			
L14 118.333-113.333				1	1	0.959648			
L15 113.333-108.333				1	1	0.966772			
L16 108.333-106.417				1	1	0.963662			
L17 106.417-106.167				1	1	1			
L18 106.167-101.167				1	1	1			
L19 101.167-96.167				1	1	1			
L20 96.167-91.167				1	1	1			
L21 91.167-84.000				1	1	1			
L22 84.000-83.750				1	1	1			
L23 83.750-78.750				1	1	1			

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
L24 78.750-73.750				1	1	1			
L25 73.750-68.750				1	1	1			
L26 68.750-63.750				1	1	1			
L27 63.750-58.750				1	1	1			
L28 58.750-53.750				1	1	1			
L29 53.750-48.750				1	1	1			
L30 48.750-39.250				1	1	1			
L31 39.250-38.250				1	1	1			
L32 38.250-33.250				1	1	1			
L33 33.250-28.250				1	1	1			
L34 28.250-23.250				1	1	1			
L35 23.250-18.250				1	1	1			
L36 18.250-13.250				1	1	1			
L37 13.250-8.250				1	1	1			
L38 8.250-3.250				1	1	1			
L39 3.250-0.000				1	1	1			

Feed Line/Linear Appurtenances - Entered As Round Or Flat

Description	Sector	Exclude From Torque Calculation	Component Type	Placement ft	Total Number	Number Per Row	Start/End Position	Width or Diameter in	Perimeter in	Weight klf
*										
LDF7-50A(1-5/8)	B	No	Surface Ar (CaAa)	127.000 - 0.000	6	4	0.000 0.250	1.980		0.001
*										
LCF158-50JL(1-5/8)	C	No	Surface Ar (CaAa)	117.000 - 0.000	6	6	0.000 0.250	1.980		0.001
*										
Safety Line 3/8	A	No	Surface Ar (CaAa)	177.000 - 0.000	1	1	0.500 0.500	0.375		0.000
*										
** MODS **										
*										
4.5" SR	A	No	Surface Ar (CaAa)	20.000 - 0.000	1	1	0.300 0.350	4.500		0.054
4.5" SR	B	No	Surface Ar (CaAa)	20.000 - 0.000	1	1	0.300 0.350	4.500		0.054

Description	Sector	Exclude From Torque Calculation	Component Type	Placement ft	Total Number	Number Per Row	Start/End Position	Width or Diameter in	Perimeter in	Weight klf
4.5" SR	C	No	Surface Ar (CaAa)	20.000 - 0.000	1	1	0.300 0.350	4.500		0.054
4.25" SR	A	No	Surface Ar (CaAa)	80.000 - 20.000	1	1	0.300 0.350	4.250		0.048
4.25" SR	B	No	Surface Ar (CaAa)	80.000 - 20.000	1	1	0.300 0.350	4.250		0.048
4.25" SR	C	No	Surface Ar (CaAa)	80.000 - 20.000	1	1	0.300 0.350	4.250		0.048
4" SR	A	No	Surface Ar (CaAa)	110.000 - 80.000	1	1	0.300 0.350	4.000		0.043
4" SR	B	No	Surface Ar (CaAa)	110.000 - 80.000	1	1	0.300 0.350	4.000		0.043
4" SR	C	No	Surface Ar (CaAa)	110.000 - 80.000	1	1	0.300 0.350	4.000		0.043
*										
MP3-04	A	No	Surface Af (CaAa)	120.000 - 105.000	1	1	0.350 0.400	4.780	12.780	0.000
MP3-04	B	No	Surface Af (CaAa)	120.000 - 105.000	1	1	0.350 0.400	4.780	12.780	0.000
MP3-04	C	No	Surface Af (CaAa)	120.000 - 105.000	1	1	0.350 0.400	4.780	12.780	0.000
*										
Spacer Plates	A	No	Surface Af (CaAa)	21.250 - 18.750	1	1	0.300 0.350	20.250	48.500	0.276
Spacer Plates	B	No	Surface Af (CaAa)	21.250 - 18.750	1	1	0.300 0.350	20.250	48.500	0.276
Spacer Plates	C	No	Surface Af (CaAa)	21.250 - 18.750	1	1	0.300 0.350	20.250	48.500	0.276
*										
Spacer Plates	A	No	Surface Af (CaAa)	41.250 - 38.750	1	1	0.300 0.350	20.250	48.500	0.276
Spacer Plates	B	No	Surface Af (CaAa)	41.250 - 38.750	1	1	0.300 0.350	20.250	48.500	0.276
Spacer Plates	C	No	Surface Af (CaAa)	41.250 - 38.750	1	1	0.300 0.350	20.250	48.500	0.276
*										
Spacer Plates	A	No	Surface Af (CaAa)	61.250 - 58.750	1	1	0.300 0.350	20.250	48.500	0.276
Spacer Plates	B	No	Surface Af (CaAa)	61.250 - 58.750	1	1	0.300 0.350	20.250	48.500	0.276
Spacer Plates	C	No	Surface Af (CaAa)	61.250 - 58.750	1	1	0.300 0.350	20.250	48.500	0.276
*										
Spacer Plates	A	No	Surface Af (CaAa)	81.000 - 79.000	1	1	0.300 0.350	20.250	48.500	0.276
Spacer Plates	B	No	Surface Af (CaAa)	81.000 - 79.000	1	1	0.300 0.350	20.250	48.500	0.276
Spacer Plates	C	No	Surface Af (CaAa)	81.000 - 79.000	1	1	0.300 0.350	20.250	48.500	0.276
*										
Spacer Plates	A	No	Surface Af (CaAa)	100.750 - 99.250	1	1	0.300 0.350	20.250	46.500	0.207
Spacer Plates	B	No	Surface Af (CaAa)	100.750 - 99.250	1	1	0.300 0.350	20.250	46.500	0.207
Spacer Plates	C	No	Surface Af (CaAa)	100.750 - 99.250	1	1	0.300 0.350	20.250	46.500	0.207
*										

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Feed Line/Linear Appurtenances - Entered As Area

Description	*Face or Leg*	*Allow Shield*	*Exclude From Torque Calculation*	*Component Type*	*Placement* *ft*	*Total Number*		C_AA_A ft^2/ft	*Weight* *klf*
HB114-1-0813U4-M5J(1-1/4)	B	No	No	Inside Pole	177.000 - 0.000	3	No Ice	0.000	0.001
							1/2" Ice	0.000	0.001
							1" Ice	0.000	0.001
							2" Ice	0.000	0.001
HB114-21U3M12-XXXF(1-1/4)	B	No	No	Inside Pole	177.000 - 0.000	1	No Ice	0.000	0.001
							1/2" Ice	0.000	0.001
							1" Ice	0.000	0.001
							2" Ice	0.000	0.001
*									
LDF7-50A(1-5/8)	C	No	No	Inside Pole	167.000 - 0.000	12	No Ice	0.000	0.001
							1/2" Ice	0.000	0.001
							1" Ice	0.000	0.001
							2" Ice	0.000	0.001
*									
CR 50 1873PE(1-5/8)	C	No	No	Inside Pole	154.000 - 0.000	6	No Ice	0.000	0.001
							1/2" Ice	0.000	0.001
							1" Ice	0.000	0.001
							2" Ice	0.000	0.001
HB158-1-13U6-S6F18(1-5/8)	C	No	No	Inside Pole	154.000 - 0.000	1	No Ice	0.000	0.002
							1/2" Ice	0.000	0.002
							1" Ice	0.000	0.002
							2" Ice	0.000	0.002
2" Rigid Conduit	B	No	No	Inside Pole	127.000 - 0.000	3	No Ice	0.000	0.003
							1/2" Ice	0.000	0.003
							1" Ice	0.000	0.003
							2" Ice	0.000	0.003
FB-L98B-002-75000(3/8)	B	No	No	Inside Pole	127.000 - 0.000	2	No Ice	0.000	0.000
							1/2" Ice	0.000	0.000
							1" Ice	0.000	0.000
							2" Ice	0.000	0.000
WR-VG82ST-BRDA(5/8)	B	No	No	Inside Pole	127.000 - 0.000	2	No Ice	0.000	0.000
							1/2" Ice	0.000	0.000
							1" Ice	0.000	0.000
							2" Ice	0.000	0.000
WR-VG66ST-BRD_CCIV2(7/8)	B	No	No	Inside Pole	127.000 - 0.000	2	No Ice	0.000	0.001
							1/2" Ice	0.000	0.001
							1" Ice	0.000	0.001
							2" Ice	0.000	0.001
*									
LDF4-50A(1/2)	B	No	No	Inside Pole	79.000 - 0.000	1	No Ice	0.000	0.000
							1/2" Ice	0.000	0.000
							1" Ice	0.000	0.000
							2" Ice	0.000	0.000
*									
** MODS **									
*									

Feed Line/Linear Appurtenances Section Areas

Tower Section	Tower Elevation ft	Face	A_R ft^2	A_F ft^2	C_AA_A In Face ft^2	C_AA_A Out Face ft^2	Weight K
L1	177.000-172.000	A	0.000	0.000	0.188	0.000	0.001
		B	0.000	0.000	0.000	0.000	0.024
		C	0.000	0.000	0.000	0.000	0.000
L2	172.000-167.000	A	0.000	0.000	0.188	0.000	0.001
		B	0.000	0.000	0.000	0.000	0.024
		C	0.000	0.000	0.000	0.000	0.000
L3	167.000-162.000	A	0.000	0.000	0.188	0.000	0.001
		B	0.000	0.000	0.000	0.000	0.024
		C	0.000	0.000	0.000	0.000	0.049
L4	162.000-157.000	A	0.000	0.000	0.188	0.000	0.001
		B	0.000	0.000	0.000	0.000	0.024
		C	0.000	0.000	0.000	0.000	0.049
L5	157.000-152.000	A	0.000	0.000	0.188	0.000	0.001
		B	0.000	0.000	0.000	0.000	0.024
		C	0.000	0.000	0.000	0.000	0.063
L6	152.000-147.000	A	0.000	0.000	0.188	0.000	0.001
		B	0.000	0.000	0.000	0.000	0.024
		C	0.000	0.000	0.000	0.000	0.084
L7	147.000-142.000	A	0.000	0.000	0.188	0.000	0.001
		B	0.000	0.000	0.000	0.000	0.024
		C	0.000	0.000	0.000	0.000	0.084
L8	142.000-137.000	A	0.000	0.000	0.188	0.000	0.001
		B	0.000	0.000	0.000	0.000	0.024
		C	0.000	0.000	0.000	0.000	0.084
L9	137.000-129.750	A	0.000	0.000	0.272	0.000	0.002
		B	0.000	0.000	0.000	0.000	0.035
		C	0.000	0.000	0.000	0.000	0.121
L10	129.750-128.500	A	0.000	0.000	0.047	0.000	0.000
		B	0.000	0.000	0.000	0.000	0.006
		C	0.000	0.000	0.000	0.000	0.021
L11	128.500-123.500	A	0.000	0.000	0.188	0.000	0.001
		B	0.000	0.000	2.772	0.000	0.079
		C	0.000	0.000	0.000	0.000	0.084
L12	123.500-118.583	A	0.000	0.000	1.313	0.000	0.001
		B	0.000	0.000	5.023	0.000	0.101
		C	0.000	0.000	1.129	0.000	0.082
L13	118.583-118.333	A	0.000	0.000	0.209	0.000	0.000
		B	0.000	0.000	0.397	0.000	0.005
		C	0.000	0.000	0.199	0.000	0.004
L14	118.333-113.333	A	0.000	0.000	4.171	0.000	0.001
		B	0.000	0.000	7.943	0.000	0.103
		C	0.000	0.000	8.340	0.000	0.095
L15	113.333-108.333	A	0.000	0.000	4.838	0.000	0.072
		B	0.000	0.000	8.610	0.000	0.174
		C	0.000	0.000	10.590	0.000	0.170
L16	108.333-106.417	A	0.000	0.000	2.365	0.000	0.082
		B	0.000	0.000	3.810	0.000	0.121
		C	0.000	0.000	4.569	0.000	0.120
L17	106.417-106.167	A	0.000	0.000	0.309	0.000	0.011
		B	0.000	0.000	0.497	0.000	0.016
		C	0.000	0.000	0.596	0.000	0.016
L18	106.167-101.167	A	0.000	0.000	3.117	0.000	0.215
		B	0.000	0.000	6.890	0.000	0.317
		C	0.000	0.000	8.870	0.000	0.313
L19	101.167-96.167	A	0.000	0.000	5.225	0.000	0.525
		B	0.000	0.000	8.998	0.000	0.627
		C	0.000	0.000	10.977	0.000	0.623
L20	96.167-91.167	A	0.000	0.000	2.188	0.000	0.215
		B	0.000	0.000	5.960	0.000	0.317
		C	0.000	0.000	7.940	0.000	0.313
L21	91.167-84.000	A	0.000	0.000	3.136	0.000	0.308

Tower Section	*Tower Elevation ft*	*Face*	A_R ft^2	A_F ft^2	C_AA_A *In Face* ft^2	C_AA_A *Out Face* ft^2	*Weight K*
		B	0.000	0.000	8.543	0.000	0.454
		C	0.000	0.000	11.381	0.000	0.449
L22	84.000-83.750	A	0.000	0.000	0.109	0.000	0.011
		B	0.000	0.000	0.298	0.000	0.016
		C	0.000	0.000	0.397	0.000	0.016
L23	83.750-78.750	A	0.000	0.000	6.269	0.000	0.773
		B	0.000	0.000	10.041	0.000	0.875
		C	0.000	0.000	12.021	0.000	0.871
L24	78.750-73.750	A	0.000	0.000	2.313	0.000	0.242
		B	0.000	0.000	6.085	0.000	0.345
		C	0.000	0.000	8.065	0.000	0.341
L25	73.750-68.750	A	0.000	0.000	2.313	0.000	0.242
		B	0.000	0.000	6.085	0.000	0.345
		C	0.000	0.000	8.065	0.000	0.341
L26	68.750-63.750	A	0.000	0.000	2.313	0.000	0.242
		B	0.000	0.000	6.085	0.000	0.345
		C	0.000	0.000	8.065	0.000	0.341
L27	63.750-58.750	A	0.000	0.000	7.375	0.000	0.932
		B	0.000	0.000	11.148	0.000	1.034
		C	0.000	0.000	13.128	0.000	1.030
L28	58.750-53.750	A	0.000	0.000	2.313	0.000	0.242
		B	0.000	0.000	6.085	0.000	0.345
		C	0.000	0.000	8.065	0.000	0.341
L29	53.750-48.750	A	0.000	0.000	2.313	0.000	0.242
		B	0.000	0.000	6.085	0.000	0.345
		C	0.000	0.000	8.065	0.000	0.341
L30	48.750-39.250	A	0.000	0.000	8.444	0.000	1.012
		B	0.000	0.000	15.611	0.000	1.207
		C	0.000	0.000	19.374	0.000	1.198
L31	39.250-38.250	A	0.000	0.000	1.475	0.000	0.186
		B	0.000	0.000	2.229	0.000	0.207
		C	0.000	0.000	2.626	0.000	0.206
L32	38.250-33.250	A	0.000	0.000	2.313	0.000	0.242
		B	0.000	0.000	6.085	0.000	0.345
		C	0.000	0.000	8.065	0.000	0.341
L33	33.250-28.250	A	0.000	0.000	2.313	0.000	0.242
		B	0.000	0.000	6.085	0.000	0.345
		C	0.000	0.000	8.065	0.000	0.341
L34	28.250-23.250	A	0.000	0.000	2.313	0.000	0.242
		B	0.000	0.000	6.085	0.000	0.345
		C	0.000	0.000	8.065	0.000	0.341
L35	23.250-18.250	A	0.000	0.000	7.419	0.000	0.942
		B	0.000	0.000	11.191	0.000	1.045
		C	0.000	0.000	13.171	0.000	1.040
L36	18.250-13.250	A	0.000	0.000	2.438	0.000	0.272
		B	0.000	0.000	6.210	0.000	0.375
		C	0.000	0.000	8.190	0.000	0.370
L37	13.250-8.250	A	0.000	0.000	2.438	0.000	0.272
		B	0.000	0.000	6.210	0.000	0.375
		C	0.000	0.000	8.190	0.000	0.370
L38	8.250-3.250	A	0.000	0.000	2.438	0.000	0.272
		B	0.000	0.000	6.210	0.000	0.375
		C	0.000	0.000	8.190	0.000	0.370
L39	3.250-0.000	A	0.000	0.000	1.584	0.000	0.177
		B	0.000	0.000	4.037	0.000	0.243
		C	0.000	0.000	5.324	0.000	0.240

Feed Line/Linear Appurtenances Section Areas - With Ice

Tower Section	Tower Elevation ft	Face or Leg	Ice Thickness in	A_R ft^2	A_F ft^2	C_AA_A In Face ft^2	C_AA_A Out Face ft^2	Weight K
L1	177.000-172.000	A	1.506	0.000	0.000	1.694	0.000	0.018
		B		0.000	0.000	0.000	0.000	0.024
		C		0.000	0.000	0.000	0.000	0.000
L2	172.000-167.000	A	1.502	0.000	0.000	1.689	0.000	0.018
		B		0.000	0.000	0.000	0.000	0.024
		C		0.000	0.000	0.000	0.000	0.000
L3	167.000-162.000	A	1.497	0.000	0.000	1.685	0.000	0.018
		B		0.000	0.000	0.000	0.000	0.024
		C		0.000	0.000	0.000	0.000	0.049
L4	162.000-157.000	A	1.493	0.000	0.000	1.680	0.000	0.018
		B		0.000	0.000	0.000	0.000	0.024
		C		0.000	0.000	0.000	0.000	0.049
L5	157.000-152.000	A	1.488	0.000	0.000	1.675	0.000	0.018
		B		0.000	0.000	0.000	0.000	0.024
		C		0.000	0.000	0.000	0.000	0.063
L6	152.000-147.000	A	1.483	0.000	0.000	1.670	0.000	0.018
		B		0.000	0.000	0.000	0.000	0.024
		C		0.000	0.000	0.000	0.000	0.084
L7	147.000-142.000	A	1.478	0.000	0.000	1.665	0.000	0.018
		B		0.000	0.000	0.000	0.000	0.024
		C		0.000	0.000	0.000	0.000	0.084
L8	142.000-137.000	A	1.473	0.000	0.000	1.660	0.000	0.018
		B		0.000	0.000	0.000	0.000	0.024
		C		0.000	0.000	0.000	0.000	0.084
L9	137.000-129.750	A	1.466	0.000	0.000	2.398	0.000	0.026
		B		0.000	0.000	0.000	0.000	0.035
		C		0.000	0.000	0.000	0.000	0.121
L10	129.750-128.500	A	1.461	0.000	0.000	0.413	0.000	0.004
		B		0.000	0.000	0.000	0.000	0.006
		C		0.000	0.000	0.000	0.000	0.021
L11	128.500-123.500	A	1.458	0.000	0.000	1.645	0.000	0.017
		B		0.000	0.000	4.741	0.000	0.136
		C		0.000	0.000	0.000	0.000	0.084
L12	123.500-118.583	A	1.452	0.000	0.000	3.137	0.000	0.032
		B		0.000	0.000	8.178	0.000	0.196
		C		0.000	0.000	1.525	0.000	0.097
L13	118.583-118.333	A	1.449	0.000	0.000	0.351	0.000	0.003
		B		0.000	0.000	0.607	0.000	0.012
		C		0.000	0.000	0.269	0.000	0.007
L14	118.333-113.333	A	1.446	0.000	0.000	7.010	0.000	0.068
		B		0.000	0.000	12.134	0.000	0.235
		C		0.000	0.000	12.147	0.000	0.215
L15	113.333-108.333	A	1.439	0.000	0.000	8.145	0.000	0.155
		B		0.000	0.000	13.267	0.000	0.322
		C		0.000	0.000	15.742	0.000	0.331
L16	108.333-106.417	A	1.435	0.000	0.000	3.995	0.000	0.126
		B		0.000	0.000	5.957	0.000	0.190
		C		0.000	0.000	6.906	0.000	0.193
L17	106.417-106.167	A	1.433	0.000	0.000	0.521	0.000	0.016
		B		0.000	0.000	0.777	0.000	0.025
		C		0.000	0.000	0.901	0.000	0.025
L18	106.167-101.167	A	1.430	0.000	0.000	6.299	0.000	0.290
		B		0.000	0.000	11.419	0.000	0.456
		C		0.000	0.000	13.894	0.000	0.465
L19	101.167-96.167	A	1.423	0.000	0.000	8.319	0.000	0.631
		B		0.000	0.000	13.437	0.000	0.796
		C		0.000	0.000	15.912	0.000	0.806
L20	96.167-91.167	A	1.415	0.000	0.000	5.018	0.000	0.277
		B		0.000	0.000	10.134	0.000	0.442
		C		0.000	0.000	12.609	0.000	0.452

Tower Section	Tower Elevation ft	Face or Leg	Ice Thickness in	A_R ft^2	A_F ft^2	C_AA_A In Face ft^2	C_AA_A Out Face ft^2	Weight K
L21	91.167-84.000	A	1.406	0.000	0.000	7.165	0.000	0.396
		B		0.000	0.000	14.496	0.000	0.633
		C		0.000	0.000	18.043	0.000	0.646
L22	84.000-83.750	A	1.400	0.000	0.000	0.250	0.000	0.014
		B		0.000	0.000	0.506	0.000	0.022
		C		0.000	0.000	0.629	0.000	0.023
L23	83.750-78.750	A	1.395	0.000	0.000	9.385	0.000	0.893
		B		0.000	0.000	14.496	0.000	1.058
		C		0.000	0.000	16.971	0.000	1.067
L24	78.750-73.750	A	1.386	0.000	0.000	5.085	0.000	0.305
		B		0.000	0.000	10.194	0.000	0.470
		C		0.000	0.000	12.669	0.000	0.478
L25	73.750-68.750	A	1.377	0.000	0.000	5.066	0.000	0.305
		B		0.000	0.000	10.173	0.000	0.469
		C		0.000	0.000	12.648	0.000	0.477
L26	68.750-63.750	A	1.367	0.000	0.000	5.047	0.000	0.304
		B		0.000	0.000	10.151	0.000	0.468
		C		0.000	0.000	12.626	0.000	0.476
L27	63.750-58.750	A	1.356	0.000	0.000	10.483	0.000	1.063
		B		0.000	0.000	15.585	0.000	1.227
		C		0.000	0.000	18.060	0.000	1.235
L28	58.750-53.750	A	1.345	0.000	0.000	5.002	0.000	0.303
		B		0.000	0.000	10.101	0.000	0.466
		C		0.000	0.000	12.576	0.000	0.474
L29	53.750-48.750	A	1.332	0.000	0.000	4.977	0.000	0.302
		B		0.000	0.000	10.073	0.000	0.465
		C		0.000	0.000	12.548	0.000	0.472
L30	48.750-39.250	A	1.312	0.000	0.000	13.736	0.000	1.177
		B		0.000	0.000	23.408	0.000	1.485
		C		0.000	0.000	28.110	0.000	1.499
L31	39.250-38.250	A	1.296	0.000	0.000	2.076	0.000	0.212
		B		0.000	0.000	3.094	0.000	0.244
		C		0.000	0.000	3.589	0.000	0.246
L32	38.250-33.250	A	1.285	0.000	0.000	4.883	0.000	0.299
		B		0.000	0.000	9.967	0.000	0.460
		C		0.000	0.000	12.442	0.000	0.467
L33	33.250-28.250	A	1.266	0.000	0.000	4.844	0.000	0.298
		B		0.000	0.000	9.923	0.000	0.458
		C		0.000	0.000	12.398	0.000	0.465
L34	28.250-23.250	A	1.244	0.000	0.000	4.800	0.000	0.296
		B		0.000	0.000	9.873	0.000	0.456
		C		0.000	0.000	12.348	0.000	0.463
L35	23.250-18.250	A	1.217	0.000	0.000	10.208	0.000	1.058
		B		0.000	0.000	15.275	0.000	1.216
		C		0.000	0.000	17.750	0.000	1.223
L36	18.250-13.250	A	1.184	0.000	0.000	4.806	0.000	0.324
		B		0.000	0.000	9.864	0.000	0.481
		C		0.000	0.000	12.339	0.000	0.488
L37	13.250-8.250	A	1.140	0.000	0.000	4.717	0.000	0.322
		B		0.000	0.000	9.764	0.000	0.477
		C		0.000	0.000	12.239	0.000	0.483
L38	8.250-3.250	A	1.070	0.000	0.000	4.578	0.000	0.318
		B		0.000	0.000	9.609	0.000	0.470
		C		0.000	0.000	12.084	0.000	0.476
L39	3.250-0.000	A	0.943	0.000	0.000	2.811	0.000	0.202
		B		0.000	0.000	6.060	0.000	0.298
		C		0.000	0.000	7.668	0.000	0.301

Feed Line Center of Pressure

Section	Elevation *ft*	CP_X *in*	CP_Z *in*	CP_X Ice *in*	CP_Z Ice *in*
L1	177.000-172.000	0.000	-0.301	0.000	-1.325
L2	172.000-167.000	0.000	-0.301	0.000	-1.333
L3	167.000-162.000	0.000	-0.301	0.000	-1.340
L4	162.000-157.000	0.000	-0.301	0.000	-1.346
L5	157.000-152.000	0.000	-0.301	0.000	-1.351
L6	152.000-147.000	0.000	-0.301	0.000	-1.356
L7	147.000-142.000	0.000	-0.301	0.000	-1.360
L8	142.000-137.000	0.000	-0.301	0.000	-1.363
L9	137.000-129.750	0.000	-0.302	0.000	-1.367
L10	129.750-128.500	0.000	-0.302	0.000	-1.370
L11	128.500-123.500	3.744	-1.237	3.111	-1.831
L12	123.500-118.583	3.692	-1.152	3.448	-1.701
L13	118.583-118.333	2.471	-0.771	2.587	-1.276
L14	118.333-113.333	1.553	1.577	1.621	0.994
L15	113.333-108.333	1.185	2.119	1.285	1.575
L16	108.333-106.417	0.989	1.772	1.169	1.436
L17	106.417-106.167	0.992	1.777	1.173	1.442
L18	106.167-101.167	1.250	2.242	1.440	1.774
L19	101.167-96.167	1.077	1.936	1.319	1.630
L20	96.167-91.167	1.377	2.481	1.584	1.965
L21	91.167-84.000	1.391	2.512	1.608	2.003
L22	84.000-83.750	1.393	2.516	1.612	2.009
L23	83.750-78.750	1.038	1.877	1.304	1.630
L24	78.750-73.750	1.394	2.526	1.630	2.045
L25	73.750-68.750	1.405	2.550	1.648	2.076
L26	68.750-63.750	1.607	2.922	1.667	2.107
L27	63.750-58.750	1.013	1.846	1.303	1.654
L28	58.750-53.750	1.649	3.008	1.702	2.169
L29	53.750-48.750	1.670	3.051	1.719	2.201
L30	48.750-39.250	1.400	2.564	1.555	2.004
L31	39.250-38.250	1.052	1.927	1.360	1.754
L32	38.250-33.250	1.719	3.151	1.757	2.281
L33	33.250-28.250	1.739	3.192	1.772	2.314
L34	28.250-23.250	1.758	3.232	1.787	2.348
L35	23.250-18.250	1.084	1.995	1.403	1.858
L36	18.250-13.250	1.767	3.256	1.802	2.408
L37	13.250-8.250	1.786	3.295	1.813	2.451
L38	8.250-3.250	1.805	3.334	1.821	2.507
L39	3.250-0.000	1.820	3.365	1.819	2.587

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

Shielding Factor Ka

Tower Section	Feed Line Record No.	Description	Feed Line Segment Elev.	K_a No Ice	K_a Ice
L1	20	Safety Line 3/8	172.00 - 177.00	1.0000	1.0000
L2	20	Safety Line 3/8	167.00 - 172.00	1.0000	1.0000
L3	20	Safety Line 3/8	162.00 -	1.0000	1.0000

Tower Section	Feed Line Record No.	Description	Feed Line Segment Elev.	K_a No Ice	K_a Ice
			167.00		
L4	20	Safety Line 3/8	157.00 - 162.00	1.0000	1.0000
L5	20	Safety Line 3/8	152.00 - 157.00	1.0000	1.0000
L6	20	Safety Line 3/8	147.00 - 152.00	1.0000	1.0000
L7	20	Safety Line 3/8	142.00 - 147.00	1.0000	1.0000
L8	20	Safety Line 3/8	137.00 - 142.00	1.0000	1.0000
L9	20	Safety Line 3/8	129.75 - 137.00	1.0000	1.0000
L10	20	Safety Line 3/8	128.50 - 129.75	1.0000	1.0000
L11	10	LDF7-50A(1-5/8)	123.50 - 127.00	1.0000	1.0000
L11	20	Safety Line 3/8	123.50 - 128.50	1.0000	1.0000
L12	10	LDF7-50A(1-5/8)	118.58 - 123.50	1.0000	1.0000
L12	20	Safety Line 3/8	118.58 - 123.50	1.0000	1.0000
L12	34	MP3-04	118.58 - 120.00	1.0000	1.0000
L12	35	MP3-04	118.58 - 120.00	1.0000	1.0000
L12	36	MP3-04	118.58 - 120.00	1.0000	1.0000
L13	10	LDF7-50A(1-5/8)	118.33 - 118.58	1.0000	1.0000
L13	20	Safety Line 3/8	118.33 - 118.58	1.0000	1.0000
L13	34	MP3-04	118.33 - 118.58	1.0000	1.0000
L13	35	MP3-04	118.33 - 118.58	1.0000	1.0000
L13	36	MP3-04	118.33 - 118.58	1.0000	1.0000
L14	10	LDF7-50A(1-5/8)	113.33 - 118.33	1.0000	1.0000
L14	16	LCF158-50JL(1-5/8)	113.33 - 117.00	1.0000	1.0000
L14	20	Safety Line 3/8	113.33 - 118.33	1.0000	1.0000
L14	34	MP3-04	113.33 - 118.33	1.0000	1.0000
L14	35	MP3-04	113.33 - 118.33	1.0000	1.0000
L14	36	MP3-04	113.33 - 118.33	1.0000	1.0000
L15	10	LDF7-50A(1-5/8)	108.33 - 113.33	1.0000	1.0000
L15	16	LCF158-50JL(1-5/8)	108.33 - 113.33	1.0000	1.0000
L15	20	Safety Line 3/8	108.33 - 113.33	1.0000	1.0000
L15	30	4" SR	108.33 - 110.00	1.0000	1.0000
L15	31	4" SR	108.33 - 110.00	1.0000	1.0000
L15	32	4" SR	108.33 -	1.0000	1.0000

Tower Section	Feed Line Record No.	Description	Feed Line Segment Elev.	K_a No Ice	K_a Ice
			110.00		
L15	34	MP3-04	108.33 - 113.33	1.0000	1.0000
L15	35	MP3-04	108.33 - 113.33	1.0000	1.0000
L15	36	MP3-04	108.33 - 113.33	1.0000	1.0000
L16	10	LDF7-50A(1-5/8)	106.42 - 108.33	1.0000	1.0000
L16	16	LCF158-50JL(1-5/8)	106.42 - 108.33	1.0000	1.0000
L16	20	Safety Line 3/8	106.42 - 108.33	1.0000	1.0000
L16	30	4" SR	106.42 - 108.33	1.0000	1.0000
L16	31	4" SR	106.42 - 108.33	1.0000	1.0000
L16	32	4" SR	106.42 - 108.33	1.0000	1.0000
L16	34	MP3-04	106.42 - 108.33	1.0000	1.0000
L16	35	MP3-04	106.42 - 108.33	1.0000	1.0000
L16	36	MP3-04	106.42 - 108.33	1.0000	1.0000
L17	10	LDF7-50A(1-5/8)	106.17 - 106.42	1.0000	1.0000
L17	16	LCF158-50JL(1-5/8)	106.17 - 106.42	1.0000	1.0000
L17	20	Safety Line 3/8	106.17 - 106.42	1.0000	1.0000
L17	30	4" SR	106.17 - 106.42	1.0000	1.0000
L17	31	4" SR	106.17 - 106.42	1.0000	1.0000
L17	32	4" SR	106.17 - 106.42	1.0000	1.0000
L17	34	MP3-04	106.17 - 106.42	1.0000	1.0000
L17	35	MP3-04	106.17 - 106.42	1.0000	1.0000
L17	36	MP3-04	106.17 - 106.42	1.0000	1.0000
L18	10	LDF7-50A(1-5/8)	101.17 - 106.17	1.0000	1.0000
L18	16	LCF158-50JL(1-5/8)	101.17 - 106.17	1.0000	1.0000
L18	20	Safety Line 3/8	101.17 - 106.17	1.0000	1.0000
L18	30	4" SR	101.17 - 106.17	1.0000	1.0000
L18	31	4" SR	101.17 - 106.17	1.0000	1.0000
L18	32	4" SR	101.17 - 106.17	1.0000	1.0000
L18	34	MP3-04	105.00 - 106.17	1.0000	1.0000
L18	35	MP3-04	105.00 - 106.17	1.0000	1.0000
L18	36	MP3-04	105.00 - 106.17	1.0000	1.0000
L19	10	LDF7-50A(1-5/8)	96.17 - 101.17	1.0000	1.0000

Tower Section	Feed Line Record No.	Description	Feed Line Segment Elev.	K_a No Ice	K_a Ice
L19	16	LCF158-50JL(1-5/8)	96.17 - 101.17	1.0000	1.0000
L19	20	Safety Line 3/8	96.17 - 101.17	1.0000	1.0000
L19	30	4" SR	96.17 - 101.17	1.0000	1.0000
L19	31	4" SR	96.17 - 101.17	1.0000	1.0000
L19	32	4" SR	96.17 - 101.17	1.0000	1.0000
L19	54	Spacer Plates	99.25 - 100.75	1.0000	1.0000
L19	55	Spacer Plates	99.25 - 100.75	1.0000	1.0000
L19	56	Spacer Plates	99.25 - 100.75	1.0000	1.0000
L20	10	LDF7-50A(1-5/8)	91.17 - 96.17	1.0000	1.0000
L20	16	LCF158-50JL(1-5/8)	91.17 - 96.17	1.0000	1.0000
L20	20	Safety Line 3/8	91.17 - 96.17	1.0000	1.0000
L20	30	4" SR	91.17 - 96.17	1.0000	1.0000
L20	31	4" SR	91.17 - 96.17	1.0000	1.0000
L20	32	4" SR	91.17 - 96.17	1.0000	1.0000
L21	10	LDF7-50A(1-5/8)	84.00 - 91.17	1.0000	1.0000
L21	16	LCF158-50JL(1-5/8)	84.00 - 91.17	1.0000	1.0000
L21	20	Safety Line 3/8	84.00 - 91.17	1.0000	1.0000
L21	30	4" SR	84.00 - 91.17	1.0000	1.0000
L21	31	4" SR	84.00 - 91.17	1.0000	1.0000
L21	32	4" SR	84.00 - 91.17	1.0000	1.0000
L22	10	LDF7-50A(1-5/8)	83.75 - 84.00	1.0000	1.0000
L22	16	LCF158-50JL(1-5/8)	83.75 - 84.00	1.0000	1.0000
L22	20	Safety Line 3/8	83.75 - 84.00	1.0000	1.0000
L22	30	4" SR	83.75 - 84.00	1.0000	1.0000
L22	31	4" SR	83.75 - 84.00	1.0000	1.0000
L22	32	4" SR	83.75 - 84.00	1.0000	1.0000
L23	10	LDF7-50A(1-5/8)	78.75 - 83.75	1.0000	1.0000
L23	16	LCF158-50JL(1-5/8)	78.75 - 83.75	1.0000	1.0000
L23	20	Safety Line 3/8	78.75 - 83.75	1.0000	1.0000
L23	27	4.25" SR	78.75 - 80.00	1.0000	1.0000
L23	28	4.25" SR	78.75 - 80.00	1.0000	1.0000
L23	29	4.25" SR	78.75 - 80.00	1.0000	1.0000
L23	30	4" SR	80.00 - 83.75	1.0000	1.0000
L23	31	4" SR	80.00 - 83.75	1.0000	1.0000
L23	32	4" SR	80.00 - 83.75	1.0000	1.0000
L23	50	Spacer Plates	79.00 - 81.00	1.0000	1.0000
L23	51	Spacer Plates	79.00 - 81.00	1.0000	1.0000
L23	52	Spacer Plates	79.00 - 81.00	1.0000	1.0000
L24	10	LDF7-50A(1-5/8)	73.75 - 78.75	1.0000	1.0000
L24	16	LCF158-50JL(1-5/8)	73.75 - 78.75	1.0000	1.0000
L24	20	Safety Line 3/8	73.75 - 78.75	1.0000	1.0000
L24	27	4.25" SR	73.75 - 78.75	1.0000	1.0000
L24	28	4.25" SR	73.75 - 78.75	1.0000	1.0000
L24	29	4.25" SR	73.75 - 78.75	1.0000	1.0000
L25	10	LDF7-50A(1-5/8)	68.75 - 73.75	1.0000	1.0000
L25	16	LCF158-50JL(1-5/8)	68.75 - 73.75	1.0000	1.0000
L25	20	Safety Line 3/8	68.75 - 73.75	1.0000	1.0000
L25	27	4.25" SR	68.75 - 73.75	1.0000	1.0000
L25	28	4.25" SR	68.75 - 73.75	1.0000	1.0000
L25	29	4.25" SR	68.75 - 73.75	1.0000	1.0000
L26	10	LDF7-50A(1-5/8)	63.75 - 68.75	1.0000	1.0000
L26	16	LCF158-50JL(1-5/8)	63.75 - 68.75	1.0000	1.0000
L26	20	Safety Line 3/8	63.75 - 68.75	1.0000	1.0000
L26	27	4.25" SR	63.75 - 68.75	1.0000	1.0000
L26	28	4.25" SR	63.75 - 68.75	1.0000	1.0000
L26	29	4.25" SR	63.75 - 68.75	1.0000	1.0000
L27	10	LDF7-50A(1-5/8)	58.75 - 63.75	1.0000	1.0000
L27	16	LCF158-50JL(1-5/8)	58.75 - 63.75	1.0000	1.0000
L27	20	Safety Line 3/8	58.75 - 63.75	1.0000	1.0000
L27	27	4.25" SR	58.75 - 63.75	1.0000	1.0000
L27	28	4.25" SR	58.75 - 63.75	1.0000	1.0000
L27	29	4.25" SR	58.75 - 63.75	1.0000	1.0000

Tower Section	Feed Line Record No.	Description	Feed Line Segment Elev.	K_a No Ice	K_a Ice
L27	46	Spacer Plates	58.75 - 61.25	1.0000	1.0000
L27	47	Spacer Plates	58.75 - 61.25	1.0000	1.0000
L27	48	Spacer Plates	58.75 - 61.25	1.0000	1.0000
L28	10	LDF7-50A(1-5/8)	53.75 - 58.75	1.0000	1.0000
L28	16	LCF158-50JL(1-5/8)	53.75 - 58.75	1.0000	1.0000
L28	20	Safety Line 3/8	53.75 - 58.75	1.0000	1.0000
L28	27	4.25" SR	53.75 - 58.75	1.0000	1.0000
L28	28	4.25" SR	53.75 - 58.75	1.0000	1.0000
L28	29	4.25" SR	53.75 - 58.75	1.0000	1.0000
L29	10	LDF7-50A(1-5/8)	48.75 - 53.75	1.0000	1.0000
L29	16	LCF158-50JL(1-5/8)	48.75 - 53.75	1.0000	1.0000
L29	20	Safety Line 3/8	48.75 - 53.75	1.0000	1.0000
L29	27	4.25" SR	48.75 - 53.75	1.0000	1.0000
L29	28	4.25" SR	48.75 - 53.75	1.0000	1.0000
L29	29	4.25" SR	48.75 - 53.75	1.0000	1.0000
L30	10	LDF7-50A(1-5/8)	39.25 - 48.75	1.0000	1.0000
L30	16	LCF158-50JL(1-5/8)	39.25 - 48.75	1.0000	1.0000
L30	20	Safety Line 3/8	39.25 - 48.75	1.0000	1.0000
L30	27	4.25" SR	39.25 - 48.75	1.0000	1.0000
L30	28	4.25" SR	39.25 - 48.75	1.0000	1.0000
L30	29	4.25" SR	39.25 - 48.75	1.0000	1.0000
L30	42	Spacer Plates	39.25 - 41.25	1.0000	1.0000
L30	43	Spacer Plates	39.25 - 41.25	1.0000	1.0000
L30	44	Spacer Plates	39.25 - 41.25	1.0000	1.0000
L31	10	LDF7-50A(1-5/8)	38.25 - 39.25	1.0000	1.0000
L31	16	LCF158-50JL(1-5/8)	38.25 - 39.25	1.0000	1.0000
L31	20	Safety Line 3/8	38.25 - 39.25	1.0000	1.0000
L31	27	4.25" SR	38.25 - 39.25	1.0000	1.0000
L31	28	4.25" SR	38.25 - 39.25	1.0000	1.0000
L31	29	4.25" SR	38.25 - 39.25	1.0000	1.0000
L31	42	Spacer Plates	38.75 - 39.25	1.0000	1.0000
L31	43	Spacer Plates	38.75 - 39.25	1.0000	1.0000
L31	44	Spacer Plates	38.75 - 39.25	1.0000	1.0000
L32	10	LDF7-50A(1-5/8)	33.25 - 38.25	1.0000	1.0000
L32	16	LCF158-50JL(1-5/8)	33.25 - 38.25	1.0000	1.0000
L32	20	Safety Line 3/8	33.25 - 38.25	1.0000	1.0000
L32	27	4.25" SR	33.25 - 38.25	1.0000	1.0000
L32	28	4.25" SR	33.25 - 38.25	1.0000	1.0000
L32	29	4.25" SR	33.25 - 38.25	1.0000	1.0000
L33	10	LDF7-50A(1-5/8)	28.25 - 33.25	1.0000	1.0000
L33	16	LCF158-50JL(1-5/8)	28.25 - 33.25	1.0000	1.0000
L33	20	Safety Line 3/8	28.25 - 33.25	1.0000	1.0000
L33	27	4.25" SR	28.25 - 33.25	1.0000	1.0000
L33	28	4.25" SR	28.25 - 33.25	1.0000	1.0000
L33	29	4.25" SR	28.25 - 33.25	1.0000	1.0000
L34	10	LDF7-50A(1-5/8)	23.25 - 28.25	1.0000	1.0000
L34	16	LCF158-50JL(1-5/8)	23.25 - 28.25	1.0000	1.0000
L34	20	Safety Line 3/8	23.25 - 28.25	1.0000	1.0000
L34	27	4.25" SR	23.25 - 28.25	1.0000	1.0000
L34	28	4.25" SR	23.25 - 28.25	1.0000	1.0000
L34	29	4.25" SR	23.25 - 28.25	1.0000	1.0000
L35	10	LDF7-50A(1-5/8)	18.25 - 23.25	1.0000	1.0000
L35	16	LCF158-50JL(1-5/8)	18.25 - 23.25	1.0000	1.0000
L35	20	Safety Line 3/8	18.25 - 23.25	1.0000	1.0000
L35	24	4.5" SR	18.25 - 20.00	1.0000	1.0000
L35	25	4.5" SR	18.25 - 20.00	1.0000	1.0000
L35	26	4.5" SR	18.25 - 20.00	1.0000	1.0000
L35	27	4.25" SR	20.00 - 23.25	1.0000	1.0000
L35	28	4.25" SR	20.00 - 23.25	1.0000	1.0000
L35	29	4.25" SR	20.00 - 23.25	1.0000	1.0000
L35	38	Spacer Plates	18.75 - 21.25	1.0000	1.0000
L35	39	Spacer Plates	18.75 - 21.25	1.0000	1.0000

Tower Section	Feed Line Record No.	Description	Feed Line Segment Elev.	K_a No Ice	K_a Ice
L35	40	Spacer Plates	18.75 - 21.25	1.0000	1.0000
L36	10	LDF7-50A(1-5/8)	13.25 - 18.25	1.0000	1.0000
L36	16	LCF158-50JL(1-5/8)	13.25 - 18.25	1.0000	1.0000
L36	20	Safety Line 3/8	13.25 - 18.25	1.0000	1.0000
L36	24	4.5" SR	13.25 - 18.25	1.0000	1.0000
L36	25	4.5" SR	13.25 - 18.25	1.0000	1.0000
L36	26	4.5" SR	13.25 - 18.25	1.0000	1.0000
L37	10	LDF7-50A(1-5/8)	8.25 - 13.25	1.0000	1.0000
L37	16	LCF158-50JL(1-5/8)	8.25 - 13.25	1.0000	1.0000
L37	20	Safety Line 3/8	8.25 - 13.25	1.0000	1.0000
L37	24	4.5" SR	8.25 - 13.25	1.0000	1.0000
L37	25	4.5" SR	8.25 - 13.25	1.0000	1.0000
L37	26	4.5" SR	8.25 - 13.25	1.0000	1.0000
L38	10	LDF7-50A(1-5/8)	3.25 - 8.25	1.0000	1.0000
L38	16	LCF158-50JL(1-5/8)	3.25 - 8.25	1.0000	1.0000
L38	20	Safety Line 3/8	3.25 - 8.25	1.0000	1.0000
L38	24	4.5" SR	3.25 - 8.25	1.0000	1.0000
L38	25	4.5" SR	3.25 - 8.25	1.0000	1.0000
L38	26	4.5" SR	3.25 - 8.25	1.0000	1.0000
L39	10	LDF7-50A(1-5/8)	0.00 - 3.25	1.0000	1.0000
L39	16	LCF158-50JL(1-5/8)	0.00 - 3.25	1.0000	1.0000
L39	20	Safety Line 3/8	0.00 - 3.25	1.0000	1.0000
L39	24	4.5" SR	0.00 - 3.25	1.0000	1.0000
L39	25	4.5" SR	0.00 - 3.25	1.0000	1.0000
L39	26	4.5" SR	0.00 - 3.25	1.0000	1.0000

Effective Width of Flat Linear Attachments / Feed Lines

Tower Section	Attachment Record No.	Description	Attachment Segment Elev.	Ratio Calculation Method	Effective Width Ratio
L12	34	MP3-04	118.58 - 120.00	Auto	0.0000
L12	35	MP3-04	118.58 - 120.00	Auto	0.0000
L12	36	MP3-04	118.58 - 120.00	Auto	0.0000
L13	34	MP3-04	118.33 - 118.58	Auto	0.0000
L13	35	MP3-04	118.33 - 118.58	Auto	0.0000
L13	36	MP3-04	118.33 - 118.58	Auto	0.0000
L14	34	MP3-04	113.33 - 118.33	Auto	0.0000
L14	35	MP3-04	113.33 - 118.33	Auto	0.0000
L14	36	MP3-04	113.33 - 118.33	Auto	0.0000
L15	34	MP3-04	108.33 - 113.33	Auto	0.0000
L15	35	MP3-04	108.33 - 113.33	Auto	0.0000
L15	36	MP3-04	108.33 -	Auto	0.0000

Tower Section	*Attachment Record No.*	*Description*	*Attachment Segment Elev.*	*Ratio Calculation Method*	*Effective Width Ratio*
			113.33		
L16	34	MP3-04	106.42 - 108.33	Auto	0.0000
L16	35	MP3-04	106.42 - 108.33	Auto	0.0000
L16	36	MP3-04	106.42 - 108.33	Auto	0.0000
L17	34	MP3-04	106.17 - 106.42	Auto	0.0000
L17	35	MP3-04	106.17 - 106.42	Auto	0.0000
L17	36	MP3-04	106.17 - 106.42	Auto	0.0000
L18	34	MP3-04	105.00 - 106.17	Auto	0.0000
L18	35	MP3-04	105.00 - 106.17	Auto	0.0000
L18	36	MP3-04	105.00 - 106.17	Auto	0.0000
L19	54	Spacer Plates	99.25 - 100.75	Auto	0.7172
L19	55	Spacer Plates	99.25 - 100.75	Auto	0.7172
L19	56	Spacer Plates	99.25 - 100.75	Auto	0.7172
L23	50	Spacer Plates	79.00 - 81.00	Auto	0.6966
L23	51	Spacer Plates	79.00 - 81.00	Auto	0.6966
L23	52	Spacer Plates	79.00 - 81.00	Auto	0.6966
L27	46	Spacer Plates	58.75 - 61.25	Auto	0.6662
L27	47	Spacer Plates	58.75 - 61.25	Auto	0.6662
L27	48	Spacer Plates	58.75 - 61.25	Auto	0.6662
L30	42	Spacer Plates	39.25 - 41.25	Auto	0.6361
L30	43	Spacer Plates	39.25 - 41.25	Auto	0.6361
L30	44	Spacer Plates	39.25 - 41.25	Auto	0.6361
L31	42	Spacer Plates	38.75 - 39.25	Auto	0.6451
L31	43	Spacer Plates	38.75 - 39.25	Auto	0.6451
L31	44	Spacer Plates	38.75 - 39.25	Auto	0.6451
L35	38	Spacer Plates	18.75 - 21.25	Auto	0.6162
L35	39	Spacer Plates	18.75 - 21.25	Auto	0.6162
L35	40	Spacer Plates	18.75 - 21.25	Auto	0.6162

Discrete Tower Loads

Description	*Face or Leg*	*Offset Type*	*Offsets: Horz Lateral Vert* *ft ft ft*	*Azimuth Adjustment* *°*	*Placement* *ft*		*C_AA_A Front* *ft²*	*C_AA_A Side* *ft²*	*Weight* *K*
APXVSPP18-C-A20 w/ Mount Pipe	A	From Leg	4.000 0.000 0.000	0.000	177.000	No Ice	4.600	4.010	0.095
						1/2" Ice	5.050	4.450	0.160
						1" Ice	5.500	4.890	0.235
						2" Ice	6.440	5.820	0.419
APXVSPP18-C-A20 w/ Mount Pipe	B	From Leg	4.000 0.000 0.000	0.000	177.000	No Ice	4.600	4.010	0.095
						1/2" Ice	5.050	4.450	0.160
						1" Ice	5.500	4.890	0.235

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft²	C_AA_A Side ft²	Weight K
						2" Ice	6.440	5.820	0.419
APXVSPP18-C-A20 w/ Mount Pipe	C	From Leg	4.000 0.000 0.000	0.000	177.000	No Ice 1/2" Ice 1" Ice 2" Ice	4.600 5.050 5.500 6.440	4.010 4.450 4.890 5.820	0.095 0.160 0.235 0.419
APXVTM14-C-120 w/ Mount Pipe	A	From Leg	4.000 0.000 0.000	0.000	177.000	No Ice 1/2" Ice 1" Ice 2" Ice	4.090 4.480 4.880 5.710	2.860 3.230 3.610 4.400	0.077 0.127 0.185 0.331
APXVTM14-C-120 w/ Mount Pipe	B	From Leg	4.000 0.000 0.000	0.000	177.000	No Ice 1/2" Ice 1" Ice 2" Ice	4.090 4.480 4.880 5.710	2.860 3.230 3.610 4.400	0.077 0.127 0.185 0.331
APXVTM14-C-120 w/ Mount Pipe	C	From Leg	4.000 0.000 0.000	0.000	177.000	No Ice 1/2" Ice 1" Ice 2" Ice	4.090 4.480 4.880 5.710	2.860 3.230 3.610 4.400	0.077 0.127 0.185 0.331
(3) ACU-A20-N	A	From Leg	1.000 0.000 2.000	0.000	177.000	No Ice 1/2" Ice 1" Ice 2" Ice	0.067 0.104 0.148 0.259	0.117 0.162 0.215 0.343	0.001 0.002 0.004 0.012
(3) ACU-A20-N	B	From Leg	1.000 0.000 2.000	0.000	177.000	No Ice 1/2" Ice 1" Ice 2" Ice	0.067 0.104 0.148 0.259	0.117 0.162 0.215 0.343	0.001 0.002 0.004 0.012
(3) ACU-A20-N	C	From Leg	1.000 0.000 2.000	0.000	177.000	No Ice 1/2" Ice 1" Ice 2" Ice	0.067 0.104 0.148 0.259	0.117 0.162 0.215 0.343	0.001 0.002 0.004 0.012
800 EXTERNAL NOTCH FILTER	A	From Leg	1.000 0.000 2.000	0.000	177.000	No Ice 1/2" Ice 1" Ice 2" Ice	0.660 0.763 0.873 1.115	0.321 0.398 0.483 0.674	0.011 0.017 0.024 0.045
800 EXTERNAL NOTCH FILTER	B	From Leg	1.000 0.000 2.000	0.000	177.000	No Ice 1/2" Ice 1" Ice 2" Ice	0.660 0.763 0.873 1.115	0.321 0.398 0.483 0.674	0.011 0.017 0.024 0.045
800 EXTERNAL NOTCH FILTER	C	From Leg	1.000 0.000 2.000	0.000	177.000	No Ice 1/2" Ice 1" Ice 2" Ice	0.660 0.763 0.873 1.115	0.321 0.398 0.483 0.674	0.011 0.017 0.024 0.045
1900MHZ RRH (65MHZ)	A	From Leg	1.000 0.000 2.000	0.000	177.000	No Ice 1/2" Ice 1" Ice 2" Ice	2.313 2.517 2.728 3.174	2.375 2.581 2.794 3.243	0.060 0.084 0.111 0.176
1900MHZ RRH (65MHZ)	B	From Leg	1.000 0.000 2.000	0.000	177.000	No Ice 1/2" Ice 1" Ice 2" Ice	2.313 2.517 2.728 3.174	2.375 2.581 2.794 3.243	0.060 0.084 0.111 0.176
1900MHZ RRH (65MHZ)	C	From Leg	1.000 0.000 2.000	0.000	177.000	No Ice 1/2" Ice 1" Ice 2" Ice	2.313 2.517 2.728 3.174	2.375 2.581 2.794 3.243	0.060 0.084 0.111 0.176
800MHZ RRH	A	From Leg	1.000 0.000 2.000	0.000	177.000	No Ice 1/2" Ice 1" Ice 2" Ice	2.134 2.320 2.512 2.920	1.773 1.946 2.127 2.510	0.053 0.074 0.098 0.157

Description	*Face or Leg*	*Offset Type*	*Offsets: Horz Lateral Vert* *ft ft ft*	*Azimuth Adjustment* *°*	*Placement* *ft*		*C_AA_A Front* *ft²*	*C_AA_A Side* *ft²*	*Weight* *K*
800MHZ RRH	B	From Leg	1.000	0.000	177.000	No Ice	2.134	1.773	0.053
			0.000			1/2" Ice	2.320	1.946	0.074
			2.000			1" Ice	2.512	2.127	0.098
						2" Ice	2.920	2.510	0.157
800MHZ RRH	C	From Leg	1.000	0.000	177.000	No Ice	2.134	1.773	0.053
			0.000			1/2" Ice	2.320	1.946	0.074
			2.000			1" Ice	2.512	2.127	0.098
						2" Ice	2.920	2.510	0.157
TD-RRH8x20-25	A	From Leg	4.000	0.000	177.000	No Ice	4.045	1.535	0.070
			0.000			1/2" Ice	4.298	1.714	0.097
			2.000			1" Ice	4.557	1.901	0.128
						2" Ice	5.098	2.295	0.201
TD-RRH8x20-25	B	From Leg	4.000	0.000	177.000	No Ice	4.045	1.535	0.070
			0.000			1/2" Ice	4.298	1.714	0.097
			2.000			1" Ice	4.557	1.901	0.128
						2" Ice	5.098	2.295	0.201
TD-RRH8x20-25	C	From Leg	4.000	0.000	177.000	No Ice	4.045	1.535	0.070
			0.000			1/2" Ice	4.298	1.714	0.097
			2.000			1" Ice	4.557	1.901	0.128
						2" Ice	5.098	2.295	0.201
6' x 2" Mount Pipe	A	From Leg	4.000	0.000	177.000	No Ice	1.425	1.425	0.022
			0.000			1/2" Ice	1.925	1.925	0.033
			1.000			1" Ice	2.294	2.294	0.048
						2" Ice	3.060	3.060	0.090
6' x 2" Mount Pipe	B	From Leg	4.000	0.000	177.000	No Ice	1.425	1.425	0.022
			0.000			1/2" Ice	1.925	1.925	0.033
			1.000			1" Ice	2.294	2.294	0.048
						2" Ice	3.060	3.060	0.090
6' x 2" Mount Pipe	C	From Leg	4.000	0.000	177.000	No Ice	1.425	1.425	0.022
			0.000			1/2" Ice	1.925	1.925	0.033
			1.000			1" Ice	2.294	2.294	0.048
						2" Ice	3.060	3.060	0.090
Platform Mount [LP 1201-1]	C	None		0.000	177.000	No Ice	18.380	18.380	2.100
						1/2" Ice	22.110	22.110	2.652
						1" Ice	25.870	25.870	3.263
						2" Ice	33.470	33.470	4.662
6' x 2" Mount Pipe	A	From Leg	1.000	0.000	176.000	No Ice	1.425	1.425	0.022
			0.000			1/2" Ice	1.925	1.925	0.033
			3.000			1" Ice	2.294	2.294	0.048
						2" Ice	3.060	3.060	0.090
6' x 2" Mount Pipe	B	From Leg	1.000	0.000	176.000	No Ice	1.425	1.425	0.022
			0.000			1/2" Ice	1.925	1.925	0.033
			3.000			1" Ice	2.294	2.294	0.048
						2" Ice	3.060	3.060	0.090
6' x 2" Mount Pipe	C	From Leg	1.000	0.000	176.000	No Ice	1.425	1.425	0.022
			0.000			1/2" Ice	1.925	1.925	0.033
			3.000			1" Ice	2.294	2.294	0.048
						2" Ice	3.060	3.060	0.090
Side Arm Mount [SO 102-3]	C	None		0.000	176.000	No Ice	3.600	3.600	0.075
						1/2" Ice	4.180	4.180	0.105
						1" Ice	4.750	4.750	0.135
						2" Ice	5.900	5.900	0.195
*									
APXV18-206516S-C-A20 w/ Mount Pipe	A	From Leg	4.000	0.000	167.000	No Ice	2.550	2.150	0.039
			0.000			1/2" Ice	2.960	2.550	0.068
			2.000			1" Ice	3.380	2.960	0.106
						2" Ice	4.260	3.830	0.207

Description	*Face or Leg*	*Offset Type*	*Offsets: Horz Lateral Vert*	*Azimuth Adjustment*	*Placement*		*C_AA_A Front*	*C_AA_A Side*	*Weight*
			ft ft ft	*°*	*ft*		*ft²*	*ft²*	*K*
APXV18-206516S-C-A20 w/	B	From Leg	4.000	0.000	167.000	No Ice	2.550	2.150	0.039
Mount Pipe			0.000			1/2" Ice	2.960	2.550	0.068
			2.000			1" Ice	3.380	2.960	0.106
						2" Ice	4.260	3.830	0.207
APXV18-206516S-C-A20 w/	C	From Leg	4.000	0.000	167.000	No Ice	2.550	2.150	0.039
Mount Pipe			0.000			1/2" Ice	2.960	2.550	0.068
			2.000			1" Ice	3.380	2.960	0.106
						2" Ice	4.260	3.830	0.207
LNX-6515DS-A1M w/	A	From Leg	4.000	0.000	167.000	No Ice	5.310	4.270	0.083
Mount Pipe			0.000			1/2" Ice	5.800	4.750	0.165
			2.000			1" Ice	6.300	5.240	0.261
						2" Ice	7.330	6.240	0.495
LNX-6515DS-A1M w/	B	From Leg	4.000	0.000	167.000	No Ice	5.310	4.270	0.083
Mount Pipe			0.000			1/2" Ice	5.800	4.750	0.165
			2.000			1" Ice	6.300	5.240	0.261
						2" Ice	7.330	6.240	0.495
LNX-6515DS-A1M w/	C	From Leg	4.000	0.000	167.000	No Ice	5.310	4.270	0.083
Mount Pipe			0.000			1/2" Ice	5.800	4.750	0.165
			2.000			1" Ice	6.300	5.240	0.261
						2" Ice	7.330	6.240	0.495
KRY 112 75/1	A	From Leg	4.000	0.000	167.000	No Ice	1.104	0.442	0.030
			0.000			1/2" Ice	1.235	0.534	0.039
			1.000			1" Ice	1.374	0.635	0.049
						2" Ice	1.674	0.860	0.077
KRY 112 75/1	B	From Leg	4.000	0.000	167.000	No Ice	1.104	0.442	0.030
			0.000			1/2" Ice	1.235	0.534	0.039
			1.000			1" Ice	1.374	0.635	0.049
						2" Ice	1.674	0.860	0.077
KRY 112 75/1	C	From Leg	4.000	0.000	167.000	No Ice	1.104	0.442	0.030
			0.000			1/2" Ice	1.235	0.534	0.039
			1.000			1" Ice	1.374	0.635	0.049
						2" Ice	1.674	0.860	0.077
(2) 6' x 2" Mount Pipe	A	From Leg	4.000	0.000	167.000	No Ice	1.425	1.425	0.022
			0.000			1/2" Ice	1.925	1.925	0.033
			0.000			1" Ice	2.294	2.294	0.048
						2" Ice	3.060	3.060	0.090
(2) 6' x 2" Mount Pipe	B	From Leg	4.000	0.000	167.000	No Ice	1.425	1.425	0.022
			0.000			1/2" Ice	1.925	1.925	0.033
			0.000			1" Ice	2.294	2.294	0.048
						2" Ice	3.060	3.060	0.090
(2) 6' x 2" Mount Pipe	C	From Leg	4.000	0.000	167.000	No Ice	1.425	1.425	0.022
			0.000			1/2" Ice	1.925	1.925	0.033
			0.000			1" Ice	2.294	2.294	0.048
						2" Ice	3.060	3.060	0.090
T-Arm Mount [TA 602-3]	C	None		0.000	167.000	No Ice	13.400	13.400	0.774
						1/2" Ice	16.440	16.440	1.004
						1" Ice	19.700	19.700	1.292
						2" Ice	25.860	25.860	2.053
*									
(2) LPA-80080/6CF w/	A	From Leg	4.000	0.000	154.000	No Ice	4.564	10.259	0.046
Mount Pipe			0.000			1/2" Ice	5.105	11.427	0.113
			2.000			1" Ice	5.612	12.312	0.187
						2" Ice	6.651	14.129	0.363
(2) LPA-80080/6CF w/	B	From Leg	4.000	0.000	154.000	No Ice	4.564	10.259	0.046
Mount Pipe			0.000			1/2" Ice	5.105	11.427	0.113
			2.000			1" Ice	5.612	12.312	0.187
						2" Ice	6.651	14.129	0.363

Description	*Face or Leg*	*Offset Type*	*Offsets: Horz Lateral Vert* (*ft ft ft*)	*Azimuth Adjustment* (°)	*Placement* (*ft*)		C_AA_A *Front* (*ft²*)	C_AA_A *Side* (*ft²*)	*Weight* (*K*)
(2) LPA-80063/6CF w/	C	From Leg	4.000	0.000	154.000	No Ice	9.831	10.215	0.052
Mount Pipe			0.000			1/2" Ice	10.400	11.384	0.145
			2.000			1" Ice	10.933	12.269	0.246
						2" Ice	12.026	14.086	0.476
(2) QS6656-5D w/ Mount	A	From Leg	4.000	0.000	154.000	No Ice	4.040	4.180	0.114
Pipe			0.000			1/2" Ice	4.420	4.570	0.183
			2.000			1" Ice	4.820	4.970	0.264
						2" Ice	5.630	5.790	0.459
(2) QS6656-5D w/ Mount	B	From Leg	4.000	0.000	154.000	No Ice	4.040	4.180	0.114
Pipe			0.000			1/2" Ice	4.420	4.570	0.183
			2.000			1" Ice	4.820	4.970	0.264
						2" Ice	5.630	5.790	0.459
(2) QS6656-5D w/ Mount	C	From Leg	4.000	0.000	154.000	No Ice	4.040	4.180	0.114
Pipe			0.000			1/2" Ice	4.420	4.570	0.183
			2.000			1" Ice	4.820	4.970	0.264
						2" Ice	5.630	5.790	0.459
MT6407-77A w/ Mount Pipe	A	From Leg	4.000	0.000	154.000	No Ice	4.907	2.682	0.096
			0.000			1/2" Ice	5.256	3.145	0.136
			2.000			1" Ice	5.615	3.624	0.180
						2" Ice	6.362	4.631	0.288
MT6407-77A w/ Mount Pipe	B	From Leg	4.000	0.000	154.000	No Ice	4.907	2.682	0.096
			0.000			1/2" Ice	5.256	3.145	0.136
			2.000			1" Ice	5.615	3.624	0.180
						2" Ice	6.362	4.631	0.288
MT6407-77A w/ Mount Pipe	C	From Leg	4.000	0.000	154.000	No Ice	4.907	2.682	0.096
			0.000			1/2" Ice	5.256	3.145	0.136
			2.000			1" Ice	5.615	3.624	0.180
						2" Ice	6.362	4.631	0.288
RFV01U-D1A	A	From Leg	4.000	0.000	154.000	No Ice	1.875	1.250	0.084
			0.000			1/2" Ice	2.045	1.393	0.103
			2.000			1" Ice	2.223	1.543	0.124
						2" Ice	2.601	1.865	0.175
RFV01U-D1A	B	From Leg	4.000	0.000	154.000	No Ice	1.875	1.250	0.084
			0.000			1/2" Ice	2.045	1.393	0.103
			2.000			1" Ice	2.223	1.543	0.124
						2" Ice	2.601	1.865	0.175
RFV01U-D1A	C	From Leg	4.000	0.000	154.000	No Ice	1.875	1.250	0.084
			0.000			1/2" Ice	2.045	1.393	0.103
			2.000			1" Ice	2.223	1.543	0.124
						2" Ice	2.601	1.865	0.175
RFV01U-D2A	A	From Leg	4.000	0.000	154.000	No Ice	1.875	1.013	0.070
			0.000			1/2" Ice	2.045	1.145	0.087
			2.000			1" Ice	2.223	1.284	0.106
						2" Ice	2.601	1.585	0.153
RFV01U-D2A	B	From Leg	4.000	0.000	154.000	No Ice	1.875	1.013	0.070
			0.000			1/2" Ice	2.045	1.145	0.087
			2.000			1" Ice	2.223	1.284	0.106
						2" Ice	2.601	1.585	0.153
RFV01U-D2A	C	From Leg	4.000	0.000	154.000	No Ice	1.875	1.013	0.070
			0.000			1/2" Ice	2.045	1.145	0.087
			2.000			1" Ice	2.223	1.284	0.106
						2" Ice	2.601	1.585	0.153
DB-C1-12C-24AB-0Z	A	From Leg	4.000	0.000	154.000	No Ice	4.056	3.098	0.032
			0.000			1/2" Ice	4.316	3.335	0.068
			2.000			1" Ice	4.582	3.580	0.109
						2" Ice	5.138	4.092	0.203
Platform Mount [LP 303-1]	C	None		0.000	154.000	No Ice	14.690	14.690	1.250

Description	*Face or Leg*	*Offset Type*	*Offsets: Horz Lateral Vert* *ft ft ft*	*Azimuth Adjustment* °	*Placement* *ft*		C_AA_A *Front* ft^2	C_AA_A *Side* ft^2	*Weight* *K*
						1/2" Ice	18.010	18.010	1.569
						1" Ice	21.340	21.340	1.942
						2" Ice	28.080	28.080	2.852
*									
7770.00	A	From Leg	4.000	0.000	127.000	No Ice	5.508	2.928	0.035
			0.000			1/2" Ice	5.867	3.273	0.068
			2.000			1" Ice	6.233	3.625	0.105
						2" Ice	6.986	4.352	0.195
7770.00	B	From Leg	4.000	0.000	127.000	No Ice	5.508	2.928	0.035
			0.000			1/2" Ice	5.867	3.273	0.068
			2.000			1" Ice	6.233	3.625	0.105
						2" Ice	6.986	4.352	0.195
7770.00	C	From Leg	4.000	0.000	127.000	No Ice	5.508	2.928	0.035
			0.000			1/2" Ice	5.867	3.273	0.068
			2.000			1" Ice	6.233	3.625	0.105
						2" Ice	6.986	4.352	0.195
OPA65R-BU4D	A	From Leg	4.000	0.000	127.000	No Ice	8.060	2.990	0.062
			0.000			1/2" Ice	8.620	3.450	0.115
			2.000			1" Ice	9.190	3.910	0.173
						2" Ice	10.380	4.900	0.305
OPA65R-BU4D	B	From Leg	4.000	0.000	127.000	No Ice	8.060	2.990	0.062
			0.000			1/2" Ice	8.620	3.450	0.115
			2.000			1" Ice	9.190	3.910	0.173
						2" Ice	10.380	4.900	0.305
OPA65R-BU4D	C	From Leg	4.000	0.000	127.000	No Ice	8.060	2.990	0.062
			0.000			1/2" Ice	8.620	3.450	0.115
			2.000			1" Ice	9.190	3.910	0.173
						2" Ice	10.380	4.900	0.305
DMP65R-BU4D	A	From Leg	4.000	0.000	127.000	No Ice	7.480	2.810	0.076
			0.000			1/2" Ice	8.010	3.230	0.128
			2.000			1" Ice	8.550	3.670	0.185
						2" Ice	9.670	4.600	0.316
DMP65R-BU4D	B	From Leg	4.000	0.000	127.000	No Ice	7.480	2.810	0.076
			0.000			1/2" Ice	8.010	3.230	0.128
			2.000			1" Ice	8.550	3.670	0.185
						2" Ice	9.670	4.600	0.316
DMP65R-BU4D	C	From Leg	4.000	0.000	127.000	No Ice	7.480	2.810	0.076
			0.000			1/2" Ice	8.010	3.230	0.128
			2.000			1" Ice	8.550	3.670	0.185
						2" Ice	9.670	4.600	0.316
RRUS 4478 B14_CCIV2	A	From Leg	4.000	0.000	127.000	No Ice	2.021	1.246	0.059
			0.000			1/2" Ice	2.200	1.396	0.077
			2.000			1" Ice	2.386	1.554	0.097
						2" Ice	2.780	1.891	0.147
RRUS 4478 B14_CCIV2	B	From Leg	4.000	0.000	127.000	No Ice	2.021	1.246	0.059
			0.000			1/2" Ice	2.200	1.396	0.077
			2.000			1" Ice	2.386	1.554	0.097
						2" Ice	2.780	1.891	0.147
RRUS 4478 B14_CCIV2	C	From Leg	4.000	0.000	127.000	No Ice	2.021	1.246	0.059
			0.000			1/2" Ice	2.200	1.396	0.077
			2.000			1" Ice	2.386	1.554	0.097
						2" Ice	2.780	1.891	0.147
RRUS 4449 B5/B12	A	From Leg	4.000	0.000	127.000	No Ice	1.968	1.408	0.071
			0.000			1/2" Ice	2.144	1.564	0.090
			2.000			1" Ice	2.328	1.727	0.111
						2" Ice	2.718	2.075	0.163
RRUS 4449 B5/B12	B	From Leg	4.000	0.000	127.000	No Ice	1.968	1.408	0.071

Description	*Face or Leg*	*Offset Type*	*Offsets: Horz Lateral Vert* *ft ft ft*	*Azimuth Adjustment* *°*	*Placement* *ft*		C_AA_A *Front* *ft^2*	C_AA_A *Side* *ft^2*	*Weight* *K*
			0.000			1/2" Ice	2.144	1.564	0.090
			2.000			1" Ice	2.328	1.727	0.111
						2" Ice	2.718	2.075	0.163
RRUS 4449 B5/B12	C	From Leg	4.000	0.000	127.000	No Ice	1.968	1.408	0.071
			0.000			1/2" Ice	2.144	1.564	0.090
			2.000			1" Ice	2.328	1.727	0.111
						2" Ice	2.718	2.075	0.163
RRUS 8843 B2/B66A	A	From Leg	4.000	0.000	127.000	No Ice	1.639	1.353	0.072
			0.000			1/2" Ice	1.799	1.500	0.090
			2.000			1" Ice	1.966	1.655	0.110
						2" Ice	2.323	1.986	0.159
RRUS 8843 B2/B66A	B	From Leg	4.000	0.000	127.000	No Ice	1.639	1.353	0.072
			0.000			1/2" Ice	1.799	1.500	0.090
			2.000			1" Ice	1.966	1.655	0.110
						2" Ice	2.323	1.986	0.159
RRUS 8843 B2/B66A	C	From Leg	4.000	0.000	127.000	No Ice	1.639	1.353	0.072
			0.000			1/2" Ice	1.799	1.500	0.090
			2.000			1" Ice	1.966	1.655	0.110
						2" Ice	2.323	1.986	0.159
DC6-48-60-18-8F	A	From Leg	2.000	0.000	127.000	No Ice	1.212	1.212	0.033
			0.000			1/2" Ice	1.892	1.892	0.055
			2.000			1" Ice	2.105	2.105	0.080
						2" Ice	2.570	2.570	0.138
DC6-48-60-18-8C-EV	B	From Leg	2.000	0.000	127.000	No Ice	2.736	2.736	0.026
			0.000			1/2" Ice	2.962	2.962	0.052
			2.000			1" Ice	3.195	3.195	0.082
						2" Ice	3.683	3.683	0.152
(2) LGP21401	A	From Leg	4.000	0.000	127.000	No Ice	1.104	0.207	0.014
			0.000			1/2" Ice	1.239	0.274	0.021
			2.000			1" Ice	1.381	0.348	0.030
						2" Ice	1.688	0.521	0.055
(2) LGP21401	B	From Leg	4.000	0.000	127.000	No Ice	1.104	0.207	0.014
			0.000			1/2" Ice	1.239	0.274	0.021
			2.000			1" Ice	1.381	0.348	0.030
						2" Ice	1.688	0.521	0.055
(2) LGP21401	C	From Leg	4.000	0.000	127.000	No Ice	1.104	0.207	0.014
			0.000			1/2" Ice	1.239	0.274	0.021
			2.000			1" Ice	1.381	0.348	0.030
						2" Ice	1.688	0.521	0.055
(3) 8' x 2" Mount Pipe	A	From Leg	4.000	0.000	127.000	No Ice	1.900	1.900	0.029
			0.000			1/2" Ice	2.728	2.728	0.044
			2.000			1" Ice	3.401	3.401	0.063
						2" Ice	4.396	4.396	0.119
(3) 8' x 2" Mount Pipe	B	From Leg	4.000	0.000	127.000	No Ice	1.900	1.900	0.029
			0.000			1/2" Ice	2.728	2.728	0.044
			2.000			1" Ice	3.401	3.401	0.063
						2" Ice	4.396	4.396	0.119
(3) 8' x 2" Mount Pipe	C	From Leg	4.000	0.000	127.000	No Ice	1.900	1.900	0.029
			0.000			1/2" Ice	2.728	2.728	0.044
			2.000			1" Ice	3.401	3.401	0.063
						2" Ice	4.396	4.396	0.119
4' x 2" Pipe Mount	A	From Leg	2.000	0.000	127.000	No Ice	0.785	0.785	0.029
			0.000			1/2" Ice	1.028	1.028	0.035
			1.000			1" Ice	1.281	1.281	0.044
						2" Ice	1.814	1.814	0.072
4' x 2" Pipe Mount	B	From Leg	2.000	0.000	127.000	No Ice	0.785	0.785	0.029
			0.000			1/2" Ice	1.028	1.028	0.035

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
			1.000			1" Ice	1.281	1.281	0.044
						2" Ice	1.814	1.814	0.072
Platform Mount [LP 303-1_HR-1]	C	None		0.000	127.000	No Ice	17.090	17.090	1.495
						1/2" Ice	21.470	21.470	1.881
						1" Ice	25.720	25.720	2.346
						2" Ice	33.960	33.960	3.518
*									
APXV18-206517S-C w/ Mount Pipe	A	From Leg	1.000 0.000 0.000	0.000	117.000	No Ice	3.790	3.160	0.053
						1/2" Ice	4.380	3.750	0.094
						1" Ice	4.990	4.350	0.145
						2" Ice	6.250	5.590	0.281
APXV18-206517S-C w/ Mount Pipe	B	From Leg	1.000 0.000 0.000	0.000	117.000	No Ice	3.790	3.160	0.053
						1/2" Ice	4.380	3.750	0.094
						1" Ice	4.990	4.350	0.145
						2" Ice	6.250	5.590	0.281
APXV18-206517S-C w/ Mount Pipe	C	From Leg	1.000 0.000 0.000	0.000	117.000	No Ice	3.790	3.160	0.053
						1/2" Ice	4.380	3.750	0.094
						1" Ice	4.990	4.350	0.145
						2" Ice	6.250	5.590	0.281
*									
8225	C	From Leg	3.000 0.000 1.000	0.000	79.000	No Ice	0.894	0.894	0.001
						1/2" Ice	1.060	1.060	0.009
						1" Ice	1.230	1.230	0.018
						2" Ice	1.590	1.590	0.046
Side Arm Mount [SO 701-1]	C	From Leg	1.500 0.000 0.000	0.000	79.000	No Ice	0.850	1.670	0.065
						1/2" Ice	1.140	2.340	0.079
						1" Ice	1.430	3.010	0.093
						2" Ice	2.010	4.350	0.121
*									

Load Combinations

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

Comb. No.	Description
18	1.2 Dead+1.0 Wind 240 deg - No Ice
19	0.9 Dead+1.0 Wind 240 deg - No Ice
20	1.2 Dead+1.0 Wind 270 deg - No Ice
21	0.9 Dead+1.0 Wind 270 deg - No Ice
22	1.2 Dead+1.0 Wind 300 deg - No Ice
23	0.9 Dead+1.0 Wind 300 deg - No Ice
24	1.2 Dead+1.0 Wind 330 deg - No Ice
25	0.9 Dead+1.0 Wind 330 deg - No Ice
26	1.2 Dead+1.0 Ice+1.0 Temp
27	1.2 Dead+1.0 Wind 0 deg+1.0 Ice+1.0 Temp
28	1.2 Dead+1.0 Wind 30 deg+1.0 Ice+1.0 Temp
29	1.2 Dead+1.0 Wind 60 deg+1.0 Ice+1.0 Temp
30	1.2 Dead+1.0 Wind 90 deg+1.0 Ice+1.0 Temp
31	1.2 Dead+1.0 Wind 120 deg+1.0 Ice+1.0 Temp
32	1.2 Dead+1.0 Wind 150 deg+1.0 Ice+1.0 Temp
33	1.2 Dead+1.0 Wind 180 deg+1.0 Ice+1.0 Temp
34	1.2 Dead+1.0 Wind 210 deg+1.0 Ice+1.0 Temp
35	1.2 Dead+1.0 Wind 240 deg+1.0 Ice+1.0 Temp
36	1.2 Dead+1.0 Wind 270 deg+1.0 Ice+1.0 Temp
37	1.2 Dead+1.0 Wind 300 deg+1.0 Ice+1.0 Temp
38	1.2 Dead+1.0 Wind 330 deg+1.0 Ice+1.0 Temp
39	Dead+Wind 0 deg - Service
40	Dead+Wind 30 deg - Service
41	Dead+Wind 60 deg - Service
42	Dead+Wind 90 deg - Service
43	Dead+Wind 120 deg - Service
44	Dead+Wind 150 deg - Service
45	Dead+Wind 180 deg - Service
46	Dead+Wind 210 deg - Service
47	Dead+Wind 240 deg - Service
48	Dead+Wind 270 deg - Service
49	Dead+Wind 300 deg - Service
50	Dead+Wind 330 deg - Service

Maximum Member Forces

Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial K	Major Axis Moment kip-ft	Minor Axis Moment kip-ft
L1	177 - 172	Pole	Max Tension	1	0.000	0.000	0.000
			Max. Compression	26	-9.076	0.015	0.009
			Max. Mx	8	-3.931	-21.407	0.027
			Max. My	2	-3.912	-0.024	21.498
			Max. Vy	8	3.983	-21.407	0.027
			Max. Vx	2	-4.001	-0.024	21.498
			Max. Torque	2			0.003
L2	172 - 167	Pole	Max Tension	1	0.000	0.000	0.000
			Max. Compression	26	-9.681	0.031	0.018
			Max. Mx	8	-4.247	-42.158	0.055
			Max. My	2	-4.227	-0.050	42.348
			Max. Vy	8	4.321	-42.158	0.055
			Max. Vx	2	-4.341	-0.050	42.348
			Max. Torque	2			0.003
L3	167 - 162	Pole	Max Tension	1	0.000	0.000	0.000
			Max. Compression	26	-14.516	0.048	0.027
			Max. Mx	8	-6.038	-75.167	0.096
			Max. My	2	-6.007	-0.087	75.497
			Max. Vy	8	6.484	-75.167	0.096
			Max. Vx	2	-6.512	-0.087	75.497

Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial K	Major Axis Moment kip-ft	Minor Axis Moment kip-ft
			Max. Torque	2			0.005
L4	162 - 157	Pole	Max Tension	1	0.000	0.000	0.000
			Max. Compression	26	-15.219	0.064	0.037
			Max. Mx	8	-6.444	-108.471	0.139
			Max. My	2	-6.411	-0.126	108.950
			Max. Vy	8	6.842	-108.471	0.139
			Max. Vx	2	-6.872	-0.126	108.950
			Max. Torque	2			0.005
L5	157 - 152	Pole	Max Tension	1	0.000	0.000	0.000
			Max. Compression	26	-24.597	0.844	0.427
			Max. Mx	20	-9.951	158.547	-0.649
			Max. My	2	-9.914	-0.698	158.771
			Max. Vy	8	11.450	-158.436	0.870
			Max. Vx	2	-11.359	-0.698	158.771
			Max. Torque	8			0.554
L6	152 - 147	Pole	Max Tension	1	0.000	0.000	0.000
			Max. Compression	26	-25.380	0.862	0.437
			Max. Mx	20	-10.444	216.680	-1.441
			Max. My	2	-10.404	-1.498	216.464
			Max. Vy	8	11.813	-216.576	1.674
			Max. Vx	2	-11.724	-1.498	216.464
			Max. Torque	8			0.554
L7	147 - 142	Pole	Max Tension	1	0.000	0.000	0.000
			Max. Compression	26	-26.183	0.880	0.447
			Max. Mx	20	-10.956	276.620	-2.234
			Max. My	2	-10.915	-2.300	275.977
			Max. Vy	8	12.175	-276.524	2.479
			Max. Vx	2	-12.089	-2.300	275.977
			Max. Torque	8			0.554
L8	142 - 137	Pole	Max Tension	1	0.000	0.000	0.000
			Max. Compression	26	-27.005	0.899	0.458
			Max. Mx	20	-11.489	338.370	-3.030
			Max. My	2	-11.445	-3.102	337.311
			Max. Vy	8	12.538	-338.281	3.285
			Max. Vx	2	-12.454	-3.102	337.311
			Max. Torque	8			0.554
L9	137 - 129.75	Pole	Max Tension	1	0.000	0.000	0.000
			Max. Compression	26	-27.593	0.912	0.466
			Max. Mx	20	-11.872	382.669	-3.587
			Max. My	2	-11.826	-3.665	381.329
			Max. Vy	8	12.791	-382.586	3.850
			Max. Vx	2	-12.709	-3.665	381.329
			Max. Torque	8			0.553
L10	129.75 - 128.5	Pole	Max Tension	1	0.000	0.000	0.000
			Max. Compression	26	-29.026	0.932	0.477
			Max. Mx	20	-12.780	447.688	-4.385
			Max. My	2	-12.731	-4.471	445.961
			Max. Vy	8	13.218	-447.614	4.658
			Max. Vx	2	-13.141	-4.471	445.961
			Max. Torque	8			0.553
L11	128.5 - 123.5	Pole	Max Tension	1	0.000	0.000	0.000
			Max. Compression	26	-38.000	0.340	0.822
			Max. Mx	8	-16.791	-532.647	5.628
			Max. My	2	-16.724	-5.467	530.608
			Max. Vy	8	17.228	-532.647	5.628
			Max. Vx	2	-17.169	-5.467	530.608
			Max. Torque	10			0.642
L12	123.5 - 118.583	Pole	Max Tension	1	0.000	0.000	0.000
			Max. Compression	26	-39.146	0.221	0.913
			Max. Mx	8	-17.543	-618.214	6.462

Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial K	Major Axis Moment kip-ft	Minor Axis Moment kip-ft
			Max. My	2	-17.470	-6.316	615.977
			Max. Vy	8	17.581	-618.214	6.462
			Max. Vx	2	-17.564	-6.316	615.977
			Max. Torque	10			0.642
L13	118.583 - 118.333	Pole	Max Tension	1	0.000	0.000	0.000
			Max. Compression	26	-39.223	0.215	0.918
			Max. Mx	8	-17.602	-622.612	6.508
			Max. My	2	-17.528	-6.362	620.370
			Max. Vy	8	17.596	-622.612	6.508
			Max. Vx	2	-17.583	-6.362	620.370
			Max. Torque	10			0.642
L14	118.333 - 113.333	Pole	Max Tension	1	0.000	0.000	0.000
			Max. Compression	26	-41.500	0.092	0.894
			Max. Mx	8	-18.777	-712.822	7.336
			Max. My	2	-18.692	-7.224	710.654
			Max. Vy	8	18.333	-712.822	7.336
			Max. Vx	2	-18.389	-7.224	710.654
			Max. Torque	10			0.642
L15	113.333 - 108.333	Pole	Max Tension	1	0.000	0.000	0.000
			Max. Compression	26	-43.481	-0.034	0.827
			Max. Mx	8	-20.076	-805.671	8.161
			Max. My	2	-19.982	-8.092	803.915
			Max. Vy	8	18.805	-805.671	8.161
			Max. Vx	2	-18.931	-8.092	803.915
			Max. Torque	10			0.641
L16	108.333 - 106.417	Pole	Max Tension	1	0.000	0.000	0.000
			Max. Compression	26	-44.478	-0.083	0.800
			Max. Mx	8	-20.767	-841.916	8.477
			Max. My	2	-20.658	-8.423	840.514
			Max. Vy	8	19.035	-841.916	8.477
			Max. Vx	2	-19.295	-8.423	840.514
			Max. Torque	10			0.641
L17	106.417 - 106.167	Pole	Max Tension	1	0.000	0.000	0.000
			Max. Compression	26	-44.596	-0.089	0.797
			Max. Mx	8	-20.857	-846.677	8.521
			Max. My	2	-20.747	-8.469	845.339
			Max. Vy	8	19.054	-846.677	8.521
			Max. Vx	2	-19.331	-8.469	845.339
			Max. Torque	10			0.632
L18	106.167 - 101.167	Pole	Max Tension	1	0.000	0.000	0.000
			Max. Compression	26	-46.845	-0.219	0.727
			Max. Mx	8	-22.473	-943.134	9.346
			Max. My	2	-22.326	-9.335	944.044
			Max. Vy	8	19.533	-943.134	9.346
			Max. Vx	2	-20.173	-9.335	944.044
			Max. Torque	10			0.631
L19	101.167 - 96.167	Pole	Max Tension	1	0.000	0.000	0.000
			Max. Compression	26	-50.323	-0.351	0.656
			Max. Mx	8	-25.231	-1042.188	10.175
			Max. My	2	-25.050	-10.207	1047.187
			Max. Vy	8	20.097	-1042.188	10.175
			Max. Vx	2	-21.111	-10.207	1047.187
			Max. Torque	10			0.630
L20	96.167 -	Pole	Max Tension	1	0.000	0.000	0.000

Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial K	Major Axis Moment kip-ft	Minor Axis Moment kip-ft
	91.167						
			Max. Compression	26	-52.573	-0.485	0.583
			Max. Mx	8	-26.901	-1143.687	11.005
			Max. My	2	-26.693	-11.080	1154.643
			Max. Vy	8	20.516	-1143.687	11.005
			Max. Vx	2	-21.903	-11.080	1154.643
			Max. Torque	10			0.604
L21	91.167 - 84	Pole	Max Tension	1	0.000	0.000	0.000
			Max. Compression	26	-53.668	-0.552	0.547
			Max. Mx	8	-27.715	-1193.487	11.405
			Max. My	2	-27.494	-11.501	1207.991
			Max. Vy	8	20.712	-1193.487	11.405
			Max. Vx	2	-22.279	-11.501	1207.991
			Max. Torque	10			0.603
L22	84 - 83.75	Pole	Max Tension	1	0.000	0.000	0.000
			Max. Compression	26	-56.972	-0.689	0.473
			Max. Mx	8	-30.073	-1298.348	12.236
			Max. My	2	-29.826	-12.377	1321.590
			Max. Vy	8	21.237	-1298.348	12.236
			Max. Vx	2	-23.185	-12.377	1321.590
			Max. Torque	10			0.603
L23	83.75 - 78.75	Pole	Max Tension	1	0.000	0.000	0.000
			Max. Compression	26	-61.737	-0.398	0.149
			Max. Mx	8	-33.986	-1405.827	12.951
			Max. My	2	-33.718	-13.058	1439.804
			Max. Vy	8	21.897	-1405.827	12.951
			Max. Vx	2	-24.239	-13.058	1439.804
			Max. Torque	10			0.603
L24	78.75 - 73.75	Pole	Max Tension	1	0.000	0.000	0.000
			Max. Compression	26	-64.297	-0.539	0.073
			Max. Mx	8	-35.956	-1516.224	13.726
			Max. My	2	-35.673	-13.880	1562.802
			Max. Vy	8	22.279	-1516.224	13.726
			Max. Vx	2	-24.998	-13.880	1562.802
			Max. Torque	8			0.417
L25	73.75 - 68.75	Pole	Max Tension	1	0.000	0.000	0.000
			Max. Compression	26	-66.876	-0.683	-0.005
			Max. Mx	8	-37.949	-1628.473	14.497
			Max. My	2	-37.658	-14.700	1689.533
			Max. Vy	8	22.640	-1628.473	14.497
			Max. Vx	2	-25.735	-14.700	1689.533
			Max. Torque	8			0.417
L26	68.75 - 63.75	Pole	Max Tension	1	0.000	0.000	0.000
			Max. Compression	26	-69.475	-0.828	-0.084
			Max. Mx	8	-39.965	-1742.462	15.264
			Max. My	2	-39.688	-15.519	1819.144
			Max. Vy	8	22.977	-1742.462	15.264
			Max. Vx	2	-26.152	-15.519	1819.144
			Max. Torque	8			0.416
L27	63.75 - 58.75	Pole	Max Tension	1	0.000	0.000	0.000
			Max. Compression	26	-74.787	-0.976	-0.164
			Max. Mx	8	-44.469	-1858.957	16.028
			Max. My	2	-44.201	-16.336	1951.948
			Max. Vy	8	23.641	-1858.957	16.028
			Max. Vx	2	-27.012	-16.336	1951.948
			Max. Torque	8			0.416
L28	58.75 - 53.75	Pole	Max Tension	1	0.000	0.000	0.000
			Max. Compression	26	-77.424	-1.126	-0.245
			Max. Mx	8	-46.532	-1977.788	16.789
			Max. My	2	-46.283	-17.151	2087.755
			Max. Vy	8	23.919	-1977.788	16.789

Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial K	Major Axis Moment kip-ft	Minor Axis Moment kip-ft
			Max. Vx	2	-27.361	-17.151	2087.755
			Max. Torque	8			0.416
L29	53.75 - 48.75	Pole	Max Tension	1	0.000	0.000	0.000
			Max. Compression	26	-80.080	-1.277	-0.327
			Max. Mx	8	-48.616	-2097.940	17.543
			Max. My	2	-48.388	-17.961	2225.223
			Max. Vy	8	24.171	-2097.940	17.543
			Max. Vx	2	-27.679	-17.961	2225.223
			Max. Torque	8			0.416
L30	48.75 - 39.25	Pole	Max Tension	1	0.000	0.000	0.000
			Max. Compression	26	-82.930	-1.393	-0.390
			Max. Mx	8	-50.973	-2188.910	18.104
			Max. My	2	-50.761	-18.564	2329.400
			Max. Vy	8	24.383	-2188.910	18.104
			Max. Vx	2	-27.944	-18.564	2329.400
			Max. Torque	8			0.415
L31	39.25 - 38.25	Pole	Max Tension	1	0.000	0.000	0.000
			Max. Compression	26	-90.072	-1.602	-0.503
			Max. Mx	8	-56.713	-2355.336	19.111
			Max. My	2	-56.514	-19.648	2520.166
			Max. Vy	8	24.944	-2355.336	19.111
			Max. Vx	2	-28.666	-19.648	2520.166
			Max. Torque	8			0.415
L32	38.25 - 33.25	Pole	Max Tension	1	0.000	0.000	0.000
			Max. Compression	26	-92.941	-1.757	-0.586
			Max. Mx	8	-59.014	-2480.466	19.852
			Max. My	2	-58.837	-20.447	2663.977
			Max. Vy	8	25.139	-2480.466	19.852
			Max. Vx	2	-28.914	-20.447	2663.977
			Max. Torque	8			0.415
L33	33.25 - 28.25	Pole	Max Tension	1	0.000	0.000	0.000
			Max. Compression	26	-95.826	-1.913	-0.671
			Max. Mx	8	-61.338	-2606.495	20.584
			Max. My	2	-61.185	-21.238	2808.940
			Max. Vy	8	25.305	-2606.495	20.584
			Max. Vx	2	-29.129	-21.238	2808.940
			Max. Torque	8			0.415
L34	28.25 - 23.25	Pole	Max Tension	1	0.000	0.000	0.000
			Max. Compression	26	-98.728	-2.070	-0.755
			Max. Mx	8	-63.684	-2733.312	21.308
			Max. My	2	-63.556	-22.022	2954.924
			Max. Vy	8	25.455	-2733.312	21.308
			Max. Vx	2	-29.325	-22.022	2954.924
			Max. Torque	8			0.415
L35	23.25 - 18.25	Pole	Max Tension	1	0.000	0.000	0.000
			Max. Compression	26	-104.350	-2.229	-0.840
			Max. Mx	8	-68.571	-2861.031	22.024
			Max. My	2	-68.463	-22.797	3102.762
			Max. Vy	8	25.664	-2861.031	22.024
			Max. Vx	2	-29.870	-22.797	3102.762
			Max. Torque	8			0.415
L36	18.25 - 13.25	Pole	Max Tension	1	0.000	0.000	0.000
			Max. Compression	26	-107.383	-2.387	-0.924
			Max. Mx	8	-71.068	-2989.554	22.730
			Max. My	2	-70.988	-23.563	3252.352
			Max. Vy	8	25.782	-2989.554	22.730
			Max. Vx	2	-30.032	-23.563	3252.352
			Max. Torque	8			0.415
L37	13.25 - 8.25	Pole	Max Tension	1	0.000	0.000	0.000
			Max. Compression	26	-110.419	-2.544	-1.007
			Max. Mx	8	-73.588	-3118.633	23.425

Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial K	Major Axis Moment kip-ft	Minor Axis Moment kip-ft
			Max. My	2	-73.536	-24.320	3402.706
			Max. Vy	8	25.888	-3118.633	23.425
			Max. Vx	2	-30.178	-24.320	3402.706
			Max. Torque	8			0.415
L38	8.25 - 3.25	Pole	Max Tension	1	0.000	0.000	0.000
			Max. Compression	26	-113.441	-2.699	-1.087
			Max. Mx	8	-76.130	-3248.205	24.109
			Max. My	2	-76.107	-25.066	3553.747
			Max. Vy	8	25.981	-3248.205	24.109
			Max. Vx	2	-30.308	-25.066	3553.747
			Max. Torque	8			0.415
L39	3.25 - 0	Pole	Max Tension	1	0.000	0.000	0.000
			Max. Compression	26	-115.372	-2.794	-1.135
			Max. Mx	8	-77.793	-3332.663	24.547
			Max. My	2	-77.790	-25.545	3652.258
			Max. Vy	8	26.037	-3332.663	24.547
			Max. Vx	2	-30.388	-25.545	3652.258
			Max. Torque	8			0.415

Maximum Reactions

Location	Condition	Gov. Load Comb.	Vertical K	Horizontal, X K	Horizontal, Z K
Pole	Max. Vert	33	115.372	0.021	-7.416
	Max. H_x	20	77.805	25.819	-0.135
	Max. H_z	2	77.805	-0.135	30.350
	Max. M_x	2	3652.258	-0.135	30.350
	Max. M_z	8	3332.663	-26.002	0.135
	Max. Torsion	8	0.415	-26.002	0.135
	Min. Vert	5	58.354	-12.652	21.670
	Min. H_x	8	77.805	-26.002	0.135
	Min. H_z	14	77.805	0.135	-30.350
	Min. M_x	14	-3651.970	0.135	-30.350
	Min. M_z	20	-3318.660	25.819	-0.135
	Min. Torsion	3	-0.409	-0.135	30.350

Tower Mast Reaction Summary

Load Combination	Vertical K	$Shear_x$ K	$Shear_z$ K	Overturning Moment, M_x kip-ft	Overturning Moment, M_z kip-ft	Torque kip-ft
Dead Only	64.837	0.000	0.000	-0.091	-0.884	0.000
1.2 Dead+1.0 Wind 0 deg - No Ice	77.805	0.135	-30.350	-3652.258	-25.545	0.405
0.9 Dead+1.0 Wind 0 deg - No Ice	58.354	0.135	-30.350	-3566.345	-24.577	0.409
1.2 Dead+1.0 Wind 30 deg - No Ice	77.805	12.652	-21.670	-2819.334	-1654.357	-0.141
0.9 Dead+1.0 Wind 30 deg - No Ice	58.354	12.652	-21.670	-2750.165	-1613.443	-0.136
1.2 Dead+1.0 Wind 60 deg - No Ice	77.805	21.907	-12.663	-1646.960	-2848.949	-0.322

Load Combination	*Vertical* *K*	*Shear$_x$* *K*	*Shear$_z$* *K*	*Overturning Moment, M_x* *kip-ft*	*Overturning Moment, M_z* *kip-ft*	*Torque* *kip-ft*
0.9 Dead+1.0 Wind 60 deg - No Ice	58.354	21.907	-12.663	-1606.555	-2778.853	-0.316
1.2 Dead+1.0 Wind 90 deg - No Ice	77.805	26.002	-0.135	-24.547	-3332.663	-0.415
0.9 Dead+1.0 Wind 90 deg - No Ice	58.354	26.002	-0.135	-23.841	-3251.304	-0.411
1.2 Dead+1.0 Wind 120 deg - No Ice	77.805	23.933	13.676	1698.419	-2987.367	-0.288
0.9 Dead+1.0 Wind 120 deg - No Ice	58.354	23.933	13.676	1657.784	-2915.401	-0.287
1.2 Dead+1.0 Wind 150 deg - No Ice	77.805	13.827	23.975	2996.186	-1728.425	-0.211
0.9 Dead+1.0 Wind 150 deg - No Ice	58.354	13.827	23.975	2924.399	-1686.721	-0.214
1.2 Dead+1.0 Wind 180 deg - No Ice	77.805	-0.135	30.350	3651.970	23.267	-0.341
0.9 Dead+1.0 Wind 180 deg - No Ice	58.354	-0.135	30.350	3566.144	22.905	-0.348
1.2 Dead+1.0 Wind 210 deg - No Ice	77.805	-12.767	21.869	2831.778	1659.404	0.195
0.9 Dead+1.0 Wind 210 deg - No Ice	58.354	-12.767	21.869	2762.544	1619.016	0.188
1.2 Dead+1.0 Wind 240 deg - No Ice	77.805	-21.907	12.663	1646.690	2846.652	0.316
0.9 Dead+1.0 Wind 240 deg - No Ice	58.354	-21.907	12.663	1606.366	2777.166	0.311
1.2 Dead+1.0 Wind 270 deg - No Ice	77.805	-25.819	0.135	24.281	3318.660	0.355
0.9 Dead+1.0 Wind 270 deg - No Ice	58.354	-25.819	0.135	23.656	3238.048	0.353
1.2 Dead+1.0 Wind 300 deg - No Ice	77.805	-23.933	-13.676	-1698.695	2985.087	0.233
0.9 Dead+1.0 Wind 300 deg - No Ice	58.354	-23.933	-13.676	-1657.976	2913.728	0.233
1.2 Dead+1.0 Wind 330 deg - No Ice	77.805	-13.896	-24.095	-3004.133	1730.569	0.216
0.9 Dead+1.0 Wind 330 deg - No Ice	58.354	-13.896	-24.095	-2932.169	1689.419	0.219
1.2 Dead+1.0 Ice+1.0 Temp	115.372	0.000	0.000	1.135	-2.794	0.000
1.2 Dead+1.0 Wind 0 deg+1.0 Ice+1.0 Temp	115.372	0.021	-7.416	-1012.478	-7.701	0.030
1.2 Dead+1.0 Wind 30 deg+1.0 Ice+1.0 Temp	115.372	3.526	-6.070	-846.391	-497.180	-0.088
1.2 Dead+1.0 Wind 60 deg+1.0 Ice+1.0 Temp	115.372	6.087	-3.517	-490.816	-854.279	-0.107
1.2 Dead+1.0 Wind 90 deg+1.0 Ice+1.0 Temp	115.372	7.017	-0.021	-3.427	-983.356	-0.097
1.2 Dead+1.0 Wind 120 deg+1.0 Ice+1.0 Temp	115.372	6.202	3.559	492.694	-862.728	-0.045
1.2 Dead+1.0 Wind 150 deg+1.0 Ice+1.0 Temp	115.372	3.568	6.185	859.070	-497.929	-0.011
1.2 Dead+1.0 Wind 180 deg+1.0 Ice+1.0 Temp	115.372	-0.021	7.416	1014.739	1.417	-0.026
1.2 Dead+1.0 Wind 210 deg+1.0 Ice+1.0 Temp	115.372	-3.527	6.071	848.685	490.912	0.091
1.2 Dead+1.0 Wind 240 deg+1.0 Ice+1.0 Temp	115.372	-6.087	3.517	493.081	847.994	0.106
1.2 Dead+1.0 Wind 270 deg+1.0 Ice+1.0 Temp	115.372	-7.016	0.021	5.692	977.036	0.093
1.2 Dead+1.0 Wind 300 deg+1.0 Ice+1.0 Temp	115.372	-6.202	-3.559	-490.432	856.446	0.042

Load Combination	Vertical K	$Shear_x$ K	$Shear_z$ K	Overturning Moment, M_x kip-ft	Overturning Moment, M_z kip-ft	Torque kip-ft
1.2 Dead+1.0 Wind 330 deg+1.0 Ice+1.0 Temp	115.372	-3.568	-6.185	-856.841	491.664	0.011
Dead+Wind 0 deg - Service	64.837	0.032	-7.148	-848.973	-6.607	0.092
Dead+Wind 30 deg - Service	64.837	2.980	-5.104	-654.883	-384.898	-0.040
Dead+Wind 60 deg - Service	64.837	5.159	-2.982	-382.609	-662.377	-0.080
Dead+Wind 90 deg - Service	64.837	6.124	-0.032	-5.778	-774.801	-0.099
Dead+Wind 120 deg - Service	64.837	5.636	3.221	394.526	-694.748	-0.069
Dead+Wind 150 deg - Service	64.837	3.256	5.646	696.056	-402.269	-0.055
Dead+Wind 180 deg - Service	64.837	-0.032	7.148	848.737	4.714	-0.089
Dead+Wind 210 deg - Service	64.837	-3.007	5.150	657.626	384.725	0.043
Dead+Wind 240 deg - Service	64.837	-5.159	2.982	382.373	660.484	0.080
Dead+Wind 270 deg - Service	64.837	-6.081	0.032	5.543	770.165	0.096
Dead+Wind 300 deg - Service	64.837	-5.636	-3.221	-394.762	692.855	0.066
Dead+Wind 330 deg - Service	64.837	-3.273	-5.675	-698.086	401.412	0.055

Solution Summary

	Sum of Applied Forces			Sum of Reactions			
Load Comb.	PX K	PY K	PZ K	PX K	PY K	PZ K	% Error
1	0.000	-64.837	0.000	0.000	64.837	0.000	0.000%
2	0.135	-77.805	-30.350	-0.135	77.805	30.350	0.000%
3	0.135	-58.354	-30.350	-0.135	58.354	30.350	0.000%
4	12.652	-77.805	-21.670	-12.652	77.805	21.670	0.000%
5	12.652	-58.354	-21.670	-12.652	58.354	21.670	0.000%
6	21.907	-77.805	-12.663	-21.907	77.805	12.663	0.000%
7	21.907	-58.354	-12.663	-21.907	58.354	12.663	0.000%
8	26.002	-77.805	-0.135	-26.002	77.805	0.135	0.000%
9	26.002	-58.354	-0.135	-26.002	58.354	0.135	0.000%
10	23.933	-77.805	13.676	-23.933	77.805	-13.676	0.000%
11	23.933	-58.354	13.676	-23.933	58.354	-13.676	0.000%
12	13.827	-77.805	23.975	-13.827	77.805	-23.975	0.000%
13	13.827	-58.354	23.975	-13.827	58.354	-23.975	0.000%
14	-0.135	-77.805	30.350	0.135	77.805	-30.350	0.000%
15	-0.135	-58.354	30.350	0.135	58.354	-30.350	0.000%
16	-12.767	-77.805	21.869	12.767	77.805	-21.869	0.000%
17	-12.767	-58.354	21.869	12.767	58.354	-21.869	0.000%
18	-21.907	-77.805	12.663	21.907	77.805	-12.663	0.000%
19	-21.907	-58.354	12.663	21.907	58.354	-12.663	0.000%
20	-25.819	-77.805	0.135	25.819	77.805	-0.135	0.000%
21	-25.819	-58.354	0.135	25.819	58.354	-0.135	0.000%
22	-23.933	-77.805	-13.676	23.933	77.805	13.676	0.000%
23	-23.933	-58.354	-13.676	23.933	58.354	13.676	0.000%
24	-13.896	-77.805	-24.095	13.896	77.805	24.095	0.000%
25	-13.896	-58.354	-24.095	13.896	58.354	24.095	0.000%
26	0.000	-115.372	0.000	0.000	115.372	0.000	0.000%
27	0.021	-115.372	-7.416	-0.021	115.372	7.416	0.000%
28	3.526	-115.372	-6.070	-3.526	115.372	6.070	0.000%
29	6.087	-115.372	-3.517	-6.087	115.372	3.517	0.000%
30	7.017	-115.372	-0.021	-7.017	115.372	0.021	0.000%
31	6.202	-115.372	3.559	-6.202	115.372	-3.559	0.000%
32	3.568	-115.372	6.185	-3.568	115.372	-6.185	0.000%
33	-0.021	-115.372	7.416	0.021	115.372	-7.416	0.000%
34	-3.527	-115.372	6.071	3.527	115.372	-6.071	0.000%
35	-6.087	-115.372	3.517	6.087	115.372	-3.517	0.000%
36	-7.016	-115.372	0.021	7.016	115.372	-0.021	0.000%
37	-6.202	-115.372	-3.559	6.202	115.372	3.559	0.000%
38	-3.568	-115.372	-6.185	3.568	115.372	6.185	0.000%

	Sum of Applied Forces			Sum of Reactions			
Load Comb.	*PX K*	*PY K*	*PZ K*	*PX K*	*PY K*	*PZ K*	*% Error*
39	0.032	-64.837	-7.148	-0.032	64.837	7.148	0.000%
40	2.980	-64.837	-5.104	-2.980	64.837	5.104	0.000%
41	5.159	-64.837	-2.982	-5.159	64.837	2.982	0.000%
42	6.124	-64.837	-0.032	-6.124	64.837	0.032	0.000%
43	5.636	-64.837	3.221	-5.636	64.837	-3.221	0.000%
44	3.256	-64.837	5.646	-3.256	64.837	-5.646	0.000%
45	-0.032	-64.837	7.148	0.032	64.837	-7.148	0.000%
46	-3.007	-64.837	5.150	3.007	64.837	-5.150	0.000%
47	-5.159	-64.837	2.982	5.159	64.837	-2.982	0.000%
48	-6.081	-64.837	0.032	6.081	64.837	-0.032	0.000%
49	-5.636	-64.837	-3.221	5.636	64.837	3.221	0.000%
50	-3.273	-64.837	-5.675	3.273	64.837	5.675	0.000%

Non-Linear Convergence Results

Load Combination	*Converged?*	*Number of Cycles*	*Displacement Tolerance*	*Force Tolerance*
1	Yes	4	0.00000001	0.00000001
2	Yes	6	0.00000001	0.00066098
3	Yes	6	0.00000001	0.00023263
4	Yes	8	0.00000001	0.00021631
5	Yes	7	0.00000001	0.00053891
6	Yes	8	0.00000001	0.00021843
7	Yes	7	0.00000001	0.00054404
8	Yes	6	0.00000001	0.00067522
9	Yes	6	0.00000001	0.00024232
10	Yes	8	0.00000001	0.00022137
11	Yes	7	0.00000001	0.00054806
12	Yes	8	0.00000001	0.00022709
13	Yes	7	0.00000001	0.00056205
14	Yes	6	0.00000001	0.00034149
15	Yes	6	0.00000001	0.00011322
16	Yes	8	0.00000001	0.00021715
17	Yes	7	0.00000001	0.00054097
18	Yes	8	0.00000001	0.00021641
19	Yes	7	0.00000001	0.00053881
20	Yes	6	0.00000001	0.00029156
21	Yes	6	0.00000001	0.00009619
22	Yes	8	0.00000001	0.00022369
23	Yes	7	0.00000001	0.00055443
24	Yes	8	0.00000001	0.00022533
25	Yes	7	0.00000001	0.00055706
26	Yes	4	0.00000001	0.00000001
27	Yes	8	0.00000001	0.00029711
28	Yes	8	0.00000001	0.00056892
29	Yes	8	0.00000001	0.00057170
30	Yes	8	0.00000001	0.00029257
31	Yes	8	0.00000001	0.00056512
32	Yes	8	0.00000001	0.00057020
33	Yes	8	0.00000001	0.00029671
34	Yes	8	0.00000001	0.00056645
35	Yes	8	0.00000001	0.00056522
36	Yes	8	0.00000001	0.00029144
37	Yes	8	0.00000001	0.00056580
38	Yes	8	0.00000001	0.00056530
39	Yes	5	0.00000001	0.00029340

40	Yes	6	0.00000001	0.00025486
41	Yes	6	0.00000001	0.00026086
42	Yes	5	0.00000001	0.00029070
43	Yes	6	0.00000001	0.00026180
44	Yes	6	0.00000001	0.00027595
45	Yes	5	0.00000001	0.00026000
46	Yes	6	0.00000001	0.00025596
47	Yes	6	0.00000001	0.00025296
48	Yes	5	0.00000001	0.00025165
49	Yes	6	0.00000001	0.00026976
50	Yes	6	0.00000001	0.00026898

Maximum Tower Deflections - Service Wind

Section No.	*Elevation* *ft*	*Horz. Deflection* *in*	*Gov. Load Comb.*	*Tilt* °	*Twist* °
L1	177 - 172	40.148	39	1.904	0.001
L2	172 - 167	38.156	39	1.900	0.001
L3	167 - 162	36.172	39	1.890	0.001
L4	162 - 157	34.200	39	1.874	0.001
L5	157 - 152	32.249	39	1.852	0.001
L6	152 - 147	30.325	39	1.823	0.001
L7	147 - 142	28.435	39	1.785	0.001
L8	142 - 137	26.589	39	1.741	0.001
L9	137 - 129.75	24.792	39	1.690	0.001
L10	133.5 - 128.5	23.567	39	1.652	0.001
L11	128.5 - 123.5	21.852	39	1.617	0.001
L12	123.5 - 118.583	20.189	39	1.559	0.001
L13	118.583 - 118.333	18.614	39	1.498	0.001
L14	118.333 - 113.333	18.536	39	1.496	0.001
L15	113.333 - 108.333	16.992	39	1.452	0.001
L16	108.333 - 106.417	15.496	39	1.406	0.001
L17	106.417 - 106.167	14.936	39	1.388	0.000
L18	106.167 - 101.167	14.863	39	1.384	0.000
L19	101.167 - 96.167	13.452	39	1.310	0.000
L20	96.167 - 91.167	12.120	39	1.234	0.000
L21	91.167 - 84	10.869	39	1.156	0.000
L22	88.75 - 83.75	10.293	39	1.117	0.000
L23	83.75 - 78.75	9.142	39	1.079	0.000
L24	78.75 - 73.75	8.048	39	1.010	0.000
L25	73.75 - 68.75	7.027	39	0.940	0.000
L26	68.75 - 63.75	6.079	39	0.870	0.000
L27	63.75 - 58.75	5.206	39	0.798	0.000
L28	58.75 - 53.75	4.407	39	0.727	0.000
L29	53.75 - 48.75	3.684	39	0.654	0.000
L30	48.75 - 39.25	3.037	39	0.582	0.000
L31	45 - 38.25	2.602	39	0.527	0.000
L32	38.25 - 33.25	1.889	39	0.476	0.000
L33	33.25 - 28.25	1.425	39	0.412	0.000
L34	28.25 - 23.25	1.026	39	0.349	0.000
L35	23.25 - 18.25	0.693	39	0.286	0.000
L36	18.25 - 13.25	0.426	39	0.224	0.000
L37	13.25 - 8.25	0.224	39	0.162	0.000
L38	8.25 - 3.25	0.087	39	0.100	0.000
L39	3.25 - 0	0.013	39	0.039	0.000

Critical Deflections and Radius of Curvature - Service Wind

Elevation *ft*	*Appurtenance*	*Gov. Load Comb.*	*Deflection* *in*	*Tilt* °	*Twist* °	*Radius of Curvature* *ft*
177.000	APXVSPP18-C-A20 w/ Mount Pipe	39	40.148	1.904	0.001	41837
176.000	6' x 2" Mount Pipe	39	39.749	1.903	0.001	41837
167.000	APXV18-206516S-C-A20 w/ Mount Pipe	39	36.172	1.890	0.001	22517
154.000	(2) LPA-80080/6CF w/ Mount Pipe	39	31.091	1.835	0.001	9621
127.000	7770.00	39	21.347	1.603	0.001	5385
117.000	APXV18-206517S-C w/ Mount Pipe	39	18.120	1.485	0.001	5904
79.000	8225	39	8.101	1.014	0.000	4163

Maximum Tower Deflections - Design Wind

Section No.	*Elevation* *ft*	*Horz. Deflection* *in*	*Gov. Load Comb.*	*Tilt* °	*Twist* °
L1	177 - 172	172.817	2	8.213	0.005
L2	172 - 167	164.253	2	8.196	0.005
L3	167 - 162	155.719	2	8.155	0.005
L4	162 - 157	147.242	2	8.085	0.005
L5	157 - 152	138.852	2	7.988	0.005
L6	152 - 147	130.575	2	7.863	0.005
L7	147 - 142	122.448	2	7.702	0.005
L8	142 - 137	114.504	2	7.510	0.004
L9	137 - 129.75	106.773	2	7.292	0.004
L10	133.5 - 128.5	101.502	2	7.126	0.003
L11	128.5 - 123.5	94.124	2	6.977	0.003
L12	123.5 - 118.583	86.964	2	6.727	0.003
L13	118.583 - 118.333	80.187	2	6.461	0.003
L14	118.333 - 113.333	79.850	2	6.452	0.003
L15	113.333 - 108.333	73.204	2	6.264	0.002
L16	108.333 - 106.417	66.761	2	6.064	0.002
L17	106.417 - 106.167	64.347	2	5.986	0.002
L18	106.167 - 101.167	64.035	2	5.971	0.002
L19	101.167 - 96.167	57.959	2	5.652	0.002
L20	96.167 - 91.167	52.220	2	5.323	0.002
L21	91.167 - 84	46.829	2	4.986	0.001
L22	88.75 - 83.75	44.350	2	4.820	0.001
L23	83.75 - 78.75	39.391	2	4.654	0.001
L24	78.75 - 73.75	34.677	2	4.357	0.001
L25	73.75 - 68.75	30.276	2	4.056	0.001
L26	68.75 - 63.75	26.191	2	3.751	0.001
L27	63.75 - 58.75	22.427	2	3.443	0.001
L28	58.75 - 53.75	18.986	2	3.132	0.001
L29	53.75 - 48.75	15.871	2	2.820	0.000
L30	48.75 - 39.25	13.082	2	2.507	0.000
L31	45 - 38.25	11.206	2	2.272	0.000
L32	38.25 - 33.25	8.136	2	2.049	0.000
L33	33.25 - 28.25	6.134	2	1.776	0.000
L34	28.25 - 23.25	4.417	2	1.504	0.000
L35	23.25 - 18.25	2.984	2	1.233	0.000
L36	18.25 - 13.25	1.834	2	0.964	0.000
L37	13.25 - 8.25	0.964	2	0.697	0.000
L38	8.25 - 3.25	0.373	2	0.432	0.000
L39	3.25 - 0	0.058	2	0.169	0.000

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °

Critical Deflections and Radius of Curvature - Design Wind

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection in	Tilt °	Twist °	Radius of Curvature ft
177.000	APXVSPP18-C-A20 w/ Mount Pipe	2	172.817	8.213	0.006	10054
176.000	6' x 2" Mount Pipe	2	171.103	8.211	0.006	10054
167.000	APXV18-206516S-C-A20 w/ Mount Pipe	2	155.719	8.155	0.006	5406
154.000	(2) LPA-80080/6CF w/ Mount Pipe	2	133.870	7.917	0.005	2310
127.000	7770.00	2	91.951	6.916	0.003	1286
117.000	APXV18-206517S-C w/ Mount Pipe	2	78.059	6.404	0.002	1405
79.000	8225	2	34.906	4.374	0.001	975

Compression Checks

Pole Design Data

Section No.	Elevation ft	Size	L ft	L_u ft	Kl/r	A in^2	P_u K	ϕP_n K	Ratio $\frac{P_u}{\phi P_n}$
L1	177 - 172 (1)	TP22.875x22x0.219	5.000	0.000	0.0	15.731	-3.912	920.232	0.004
L2	172 - 167 (2)	TP23.75x22.875x0.219	5.000	0.000	0.0	16.338	-4.227	955.769	0.004
L3	167 - 162 (3)	TP24.625x23.75x0.219	5.000	0.000	0.0	16.945	-6.007	991.306	0.006
L4	162 - 157 (4)	TP25.5x24.625x0.219	5.000	0.000	0.0	17.553	-6.411	1026.840	0.006
L5	157 - 152 (5)	TP26.375x25.5x0.219	5.000	0.000	0.0	18.160	-9.939	1062.380	0.009
L6	152 - 147 (6)	TP27.25x26.375x0.219	5.000	0.000	0.0	18.768	-10.432	1097.920	0.010
L7	147 - 142 (7)	TP28.124x27.25x0.219	5.000	0.000	0.0	19.375	-10.945	1133.450	0.010
L8	142 - 137 (8)	TP28.999x28.124x0.219	5.000	0.000	0.0	19.983	-11.478	1168.990	0.010
L9	137 - 129.75 (9)	TP30.268x28.999x0.219	7.250	0.000	0.0	20.408	-11.861	1193.870	0.010
L10	129.75 - 128.5 (10)	TP30.049x29.174x0.25	5.000	0.000	0.0	23.646	-12.770	1383.270	0.009
L11	128.5 - 123.5 (11)	TP30.924x30.049x0.25	5.000	0.000	0.0	24.340	-16.785	1423.890	0.012
L12	123.5 - 118.583 (12)	TP31.785x30.924x0.25	4.917	0.000	0.0	25.023	-17.538	1463.830	0.012
L13	118.583 - 118.333 (13)	TP31.828x31.785x0.388	0.250	0.000	0.0	38.670	-17.597	2262.180	0.008
L14	118.333 - 113.333 (14)	TP32.703x31.828x0.388	5.000	0.000	0.0	39.746	-18.773	2325.130	0.008
L15	113.333 - 108.333 (15)	TP33.578x32.703x0.381	5.000	0.000	0.0	40.171	-20.076	2350.010	0.009
L16	108.333 - 106.417 (16)	TP33.913x33.578x0.381	1.916	0.000	0.0	40.577	-20.769	2373.740	0.009
L17	106.417 - 106.167 (17)	TP33.957x33.913x0.25	0.250	0.000	0.0	26.747	-20.860	1564.680	0.013
L18	106.167 - 101.167 (18)	TP34.832x33.957x0.25	5.000	0.000	0.0	27.441	-22.481	1605.290	0.014

Section No.	Elevation ft	Size	L ft	L_u ft	Kl/r	A in^2	P_u K	ϕP_n K	Ratio $\frac{P_u}{\phi P_n}$
L19	101.167 - 96.167 (19)	TP35.707x34.832x0.25	5.000	0.000	0.0	28.135	-25.050	1645.900	0.015
L20	96.167 - 91.167 (20)	TP36.582x35.707x0.25	5.000	0.000	0.0	28.829	-26.693	1686.520	0.016
L21	91.167 - 84 (21)	TP37.836x36.582x0.25	7.167	0.000	0.0	29.165	-27.494	1706.150	0.016
L22	84 - 83.75 (22)	TP37.38x36.505x0.313	5.000	0.000	0.0	36.766	-29.826	2150.820	0.014
L23	83.75 - 78.75 (23)	TP38.255x37.38x0.313	5.000	0.000	0.0	37.634	-33.718	2201.590	0.015
L24	78.75 - 73.75 (24)	TP39.13x38.255x0.313	5.000	0.000	0.0	38.502	-35.673	2252.360	0.016
L25	73.75 - 68.75 (25)	TP40.005x39.13x0.313	5.000	0.000	0.0	39.370	-37.658	2303.130	0.016
L26	68.75 - 63.75 (26)	TP40.88x40.005x0.313	5.000	0.000	0.0	40.238	-39.688	2353.900	0.017
L27	63.75 - 58.75 (27)	TP41.755x40.88x0.313	5.000	0.000	0.0	41.105	-44.201	2404.670	0.018
L28	58.75 - 53.75 (28)	TP42.63x41.755x0.313	5.000	0.000	0.0	41.973	-46.283	2455.440	0.019
L29	53.75 - 48.75 (29)	TP43.505x42.63x0.313	5.000	0.000	0.0	42.841	-48.388	2506.210	0.019
L30	48.75 - 39.25 (30)	TP45.167x43.505x0.313	9.500	0.000	0.0	43.492	-50.761	2544.280	0.020
L31	39.25 - 38.25 (31)	TP44.717x43.536x0.375	6.750	0.000	0.0	52.778	-56.514	3087.510	0.018
L32	38.25 - 33.25 (32)	TP45.592x44.717x0.375	5.000	0.000	0.0	53.819	-58.837	3148.430	0.019
L33	33.25 - 28.25 (33)	TP46.467x45.592x0.375	5.000	0.000	0.0	54.861	-61.185	3209.350	0.019
L34	28.25 - 23.25 (34)	TP47.342x46.467x0.375	5.000	0.000	0.0	55.902	-63.556	3270.270	0.019
L35	23.25 - 18.25 (35)	TP48.217x47.342x0.375	5.000	0.000	0.0	56.943	-68.463	3331.190	0.021
L36	18.25 - 13.25 (36)	TP49.091x48.217x0.375	5.000	0.000	0.0	57.985	-70.988	3392.110	0.021
L37	13.25 - 8.25 (37)	TP49.966x49.091x0.375	5.000	0.000	0.0	59.026	-73.536	3453.030	0.021
L38	8.25 - 3.25 (38)	TP50.841x49.966x0.375	5.000	0.000	0.0	60.068	-76.108	3513.950	0.022
L39	3.25 - 0 (39)	TP51.41x50.841x0.375	3.250	0.000	0.0	60.744	-77.790	3553.550	0.022

Pole Bending Design Data

Section No.	Elevation ft	Size	M_{ux} kip-ft	ϕM_{nx} kip-ft	Ratio $\frac{M_{ux}}{\phi M_{nx}}$	M_{uy} kip-ft	ϕM_{ny} kip-ft	Ratio $\frac{M_{uy}}{\phi M_{ny}}$
L1	177 - 172 (1)	TP22.875x22x0.219	21.498	531.913	0.040	0.000	531.913	0.000
L2	172 - 167 (2)	TP23.75x22.875x0.219	42.348	568.109	0.075	0.000	568.109	0.000
L3	167 - 162 (3)	TP24.625x23.75x0.219	75.497	605.013	0.125	0.000	605.013	0.000
L4	162 - 157 (4)	TP25.5x24.625x0.219	108.950	642.573	0.170	0.000	642.573	0.000
L5	157 - 152 (5)	TP26.375x25.5x0.219	158.875	680.742	0.233	0.000	680.742	0.000
L6	152 - 147 (6)	TP27.25x26.375x0.219	217.467	719.470	0.302	0.000	719.470	0.000
L7	147 - 142 (7)	TP28.124x27.25x0.219	277.867	758.707	0.366	0.000	758.707	0.000
L8	142 - 137 (8)	TP28.999x28.124x0.219	340.074	798.404	0.426	0.000	798.404	0.000
L9	137 - 129.75 (9)	TP30.268x28.999x0.219	384.693	826.440	0.465	0.000	826.440	0.000
L10	129.75 - 128.5	TP30.049x29.174x0.25	450.168	1010.808	0.445	0.000	1010.808	0.000

Section No.	Elevation ft	Size	M_{ux} kip-ft	ϕM_{nx} kip-ft	Ratio $\frac{M_{ux}}{\phi M_{nx}}$	M_{uy} kip-ft	ϕM_{ny} kip-ft	Ratio $\frac{M_{uy}}{\phi M_{ny}}$
	(10)							
L11	128.5 - 123.5 (11)	TP30.924x30.049x0.25	535.691	1061.283	0.505	0.000	1061.283	0.000
L12	123.5 - 118.583 (12)	TP31.785x30.924x0.25	621.696	1111.500	0.559	0.000	1111.500	0.000
L13	118.583 - 118.333 (13)	TP31.828x31.785x0.388	626.116	1849.258	0.339	0.000	1849.258	0.000
L14	118.333 - 113.333 (14)	TP32.703x31.828x0.388	716.757	1954.258	0.367	0.000	1954.258	0.000
L15	113.333 - 108.333 (15)	TP33.578x32.703x0.381	809.933	2030.033	0.399	0.000	2030.033	0.000
L16	108.333 - 106.417 (16)	TP33.913x33.578x0.381	846.250	2071.483	0.409	0.000	2071.483	0.000
L17	106.417 - 106.167 (17)	TP33.957x33.913x0.25	851.017	1240.542	0.686	0.000	1240.542	0.000
L18	106.167 - 101.167 (18)	TP34.832x33.957x0.25	947.483	1293.292	0.733	0.000	1293.292	0.000
L19	101.167 - 96.167 (19)	TP35.707x34.832x0.25	1047.233	1346.417	0.778	0.000	1346.417	0.000
L20	96.167 - 91.167 (20)	TP36.582x35.707x0.25	1154.700	1399.867	0.825	0.000	1399.867	0.000
L21	91.167 - 84 (21)	TP37.836x36.582x0.25	1208.050	1425.800	0.847	0.000	1425.800	0.000
L22	84 - 83.75 (22)	TP37.38x36.505x0.313	1321.650	1957.967	0.675	0.000	1957.967	0.000
L23	83.75 - 78.75 (23)	TP38.255x37.38x0.313	1439.867	2036.583	0.707	0.000	2036.583	0.000
L24	78.75 - 73.75 (24)	TP39.13x38.255x0.313	1562.867	2115.958	0.739	0.000	2115.958	0.000
L25	73.75 - 68.75 (25)	TP40.005x39.13x0.313	1689.600	2196.050	0.769	0.000	2196.050	0.000
L26	68.75 - 63.75 (26)	TP40.88x40.005x0.313	1819.208	2276.808	0.799	0.000	2276.808	0.000
L27	63.75 - 58.75 (27)	TP41.755x40.88x0.313	1952.017	2358.192	0.828	0.000	2358.192	0.000
L28	58.75 - 53.75 (28)	TP42.63x41.755x0.313	2087.825	2440.133	0.856	0.000	2440.133	0.000
L29	53.75 - 48.75 (29)	TP43.505x42.63x0.313	2225.292	2522.600	0.882	0.000	2522.600	0.000
L30	48.75 - 39.25 (30)	TP45.167x43.505x0.313	2329.475	2584.767	0.901	0.000	2584.767	0.000
L31	39.25 - 38.25 (31)	TP44.717x43.536x0.375	2520.242	3365.508	0.749	0.000	3365.508	0.000
L32	38.25 - 33.25 (32)	TP45.592x44.717x0.375	2664.058	3478.458	0.766	0.000	3478.458	0.000
L33	33.25 - 28.25 (33)	TP46.467x45.592x0.375	2809.017	3592.342	0.782	0.000	3592.342	0.000
L34	28.25 - 23.25 (34)	TP47.342x46.467x0.375	2955.008	3707.108	0.797	0.000	3707.108	0.000
L35	23.25 - 18.25 (35)	TP48.217x47.342x0.375	3102.850	3822.717	0.812	0.000	3822.717	0.000
L36	18.25 - 13.25 (36)	TP49.091x48.217x0.375	3252.433	3939.117	0.826	0.000	3939.117	0.000
L37	13.25 - 8.25 (37)	TP49.966x49.091x0.375	3402.792	4056.250	0.839	0.000	4056.250	0.000
L38	8.25 - 3.25 (38)	TP50.841x49.966x0.375	3553.833	4174.083	0.851	0.000	4174.083	0.000
L39	3.25 - 0 (39)	TP51.41x50.841x0.375	3652.350	4251.017	0.859	0.000	4251.017	0.000

Pole Shear Design Data

Section No.	*Elevation* *ft*	*Size*	*Actual V_u* *K*	*ϕV_n* *K*	*Ratio* $\frac{V_u}{\phi V_n}$	*Actual T_u* *kip-ft*	*ϕT_n* *kip-ft*	*Ratio* $\frac{T_u}{\phi T_n}$
L1	177 - 172 (1)	TP22.875x22x0.219	4.001	276.070	0.014	0.003	547.753	0.000
L2	172 - 167 (2)	TP23.75x22.875x0.219	4.341	286.731	0.015	0.003	590.876	0.000
L3	167 - 162 (3)	TP24.625x23.75x0.219	6.512	297.392	0.022	0.005	635.632	0.000
L4	162 - 157 (4)	TP25.5x24.625x0.219	6.872	308.053	0.022	0.005	682.022	0.000
L5	157 - 152 (5)	TP26.375x25.5x0.219	11.541	318.714	0.036	0.457	730.046	0.001
L6	152 - 147 (6)	TP27.25x26.375x0.219	11.903	329.375	0.036	0.457	779.702	0.001
L7	147 - 142 (7)	TP28.124x27.25x0.219	12.265	340.036	0.036	0.457	830.994	0.001
L8	142 - 137 (8)	TP28.999x28.124x0.219	12.628	350.697	0.036	0.457	883.917	0.001
L9	137 - 129.75 (9)	TP30.268x28.999x0.219	12.881	358.160	0.036	0.456	921.942	0.000
L10	129.75 - 128.5 (10)	TP30.049x29.174x0.25	13.308	414.982	0.032	0.456	1082.967	0.000
L11	128.5 - 123.5 (11)	TP30.924x30.049x0.25	17.316	427.166	0.041	0.325	1147.492	0.000
L12	123.5 - 118.583 (12)	TP31.785x30.924x0.25	17.669	439.148	0.040	0.325	1212.767	0.000
L13	118.583 - 118.333 (13)	TP31.828x31.785x0.388	17.688	678.655	0.026	0.325	1868.625	0.000
L14	118.333 - 113.333 (14)	TP32.703x31.828x0.388	18.420	697.540	0.026	0.325	1974.075	0.000
L15	113.333 - 108.333 (15)	TP33.578x32.703x0.381	18.853	705.003	0.027	0.325	2049.600	0.000
L16	108.333 - 106.417 (16)	TP33.913x33.578x0.381	19.064	712.123	0.027	0.325	2091.208	0.000
L17	106.417 - 106.167 (17)	TP33.957x33.913x0.25	19.081	469.403	0.041	0.325	1385.633	0.000
L18	106.167 - 101.167 (18)	TP34.832x33.957x0.25	19.513	481.587	0.041	0.324	1458.500	0.000
L19	101.167 - 96.167 (19)	TP35.707x34.832x0.25	21.112	493.771	0.043	0.398	1533.233	0.000
L20	96.167 - 91.167 (20)	TP36.582x35.707x0.25	21.904	505.955	0.043	0.439	1609.833	0.000
L21	91.167 - 84 (21)	TP37.836x36.582x0.25	22.280	511.845	0.044	0.459	1647.525	0.000
L22	84 - 83.75 (22)	TP37.38x36.505x0.313	23.186	645.245	0.036	0.500	2094.575	0.000
L23	83.75 - 78.75 (23)	TP38.255x37.38x0.313	24.240	657.430	0.037	0.523	2194.625	0.000
L24	78.75 - 73.75 (24)	TP39.13x38.255x0.313	24.999	675.707	0.037	0.308	2297.008	0.000
L25	73.75 - 68.75 (25)	TP40.005x39.13x0.313	25.735	690.938	0.037	0.350	2401.733	0.000
L26	68.75 - 63.75 (26)	TP40.88x40.005x0.313	26.152	706.169	0.037	0.349	2508.783	0.000
L27	63.75 - 58.75 (27)	TP41.755x40.88x0.313	27.013	721.400	0.037	0.376	2618.175	0.000
L28	58.75 - 53.75 (28)	TP42.63x41.755x0.313	27.361	736.631	0.037	0.376	2729.892	0.000
L29	53.75 - 48.75 (29)	TP43.505x42.63x0.313	27.680	751.862	0.037	0.376	2843.950	0.000
L30	48.75 - 39.25 (30)	TP45.167x43.505x0.313	27.944	763.285	0.037	0.376	2931.025	0.000
L31	39.25 - 38.25 (31)	TP44.717x43.536x0.375	28.666	926.253	0.031	0.380	3596.867	0.000
L32	38.25 - 33.25 (32)	TP45.592x44.717x0.375	28.915	944.529	0.031	0.380	3740.208	0.000
L33	33.25 - 28.25 (33)	TP46.467x45.592x0.375	29.129	962.805	0.030	0.380	3886.350	0.000

Section No.	Elevation ft	Size	Actual V_u K	ϕV_n K	Ratio $\frac{V_u}{\phi V_n}$	Actual T_u kip-ft	ϕT_n kip-ft	Ratio $\frac{T_u}{\phi T_n}$
L34	28.25 - 23.25 (34)	TP47.342x46.467x0.375	29.325	981.081	0.030	0.380	4035.292	0.000
L35	23.25 - 18.25 (35)	TP48.217x47.342x0.375	29.870	999.357	0.030	0.405	4187.033	0.000
L36	18.25 - 13.25 (36)	TP49.091x48.217x0.375	30.032	1017.630	0.030	0.405	4341.575	0.000
L37	13.25 - 8.25 (37)	TP49.966x49.091x0.375	30.178	1035.910	0.029	0.405	4498.917	0.000
L38	8.25 - 3.25 (38)	TP50.841x49.966x0.375	30.309	1054.190	0.029	0.405	4659.058	0.000
L39	3.25 - 0 (39)	TP51.41x50.841x0.375	30.389	1066.060	0.029	0.405	4764.658	0.000

Pole Interaction Design Data

Section No.	Elevation ft	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
L1	177 - 172 (1)	0.004	0.040	0.000	0.014	0.000	0.045 ✔	1.050	4.8.2 ✔
L2	172 - 167 (2)	0.004	0.075	0.000	0.015	0.000	0.079 ✔	1.050	4.8.2 ✔
L3	167 - 162 (3)	0.006	0.125	0.000	0.022	0.000	0.131 ✔	1.050	4.8.2 ✔
L4	162 - 157 (4)	0.006	0.170	0.000	0.022	0.000	0.176 ✔	1.050	4.8.2 ✔
L5	157 - 152 (5)	0.009	0.233	0.000	0.036	0.001	0.244 ✔	1.050	4.8.2 ✔
L6	152 - 147 (6)	0.010	0.302	0.000	0.036	0.001	0.313 ✔	1.050	4.8.2 ✔
L7	147 - 142 (7)	0.010	0.366	0.000	0.036	0.001	0.377 ✔	1.050	4.8.2 ✔
L8	142 - 137 (8)	0.010	0.426	0.000	0.036	0.001	0.437 ✔	1.050	4.8.2 ✔
L9	137 - 129.75 (9)	0.010	0.465	0.000	0.036	0.000	0.477 ✔	1.050	4.8.2 ✔
L10	129.75 - 128.5 (10)	0.009	0.445	0.000	0.032	0.000	0.456 ✔	1.050	4.8.2 ✔
L11	128.5 - 123.5 (11)	0.012	0.505	0.000	0.041	0.000	0.518 ✔	1.050	4.8.2 ✔
L12	123.5 - 118.583 (12)	0.012	0.559	0.000	0.040	0.000	0.573 ✔	1.050	4.8.2 ✔
L13	118.583 - 118.333 (13)	0.008	0.339	0.000	0.026	0.000	0.347 ✔	1.050	4.8.2 ✔
L14	118.333 - 113.333 (14)	0.008	0.367	0.000	0.026	0.000	0.376 ✔	1.050	4.8.2 ✔
L15	113.333 - 108.333 (15)	0.009	0.399	0.000	0.027	0.000	0.408 ✔	1.050	4.8.2 ✔
L16	108.333 - 106.417 (16)	0.009	0.409	0.000	0.027	0.000	0.418 ✔	1.050	4.8.2 ✔
L17	106.417 - 106.167 (17)	0.013	0.686	0.000	0.041	0.000	0.701 ✔	1.050	4.8.2 ✔

Section No.	*Elevation* *ft*	*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*
L18	106.167 - 101.167 (18)	0.014	0.733	0.000	0.041	0.000	0.748 ✔	1.050	4.8.2 ✔
L19	101.167 - 96.167 (19)	0.015	0.778	0.000	0.043	0.000	0.795 ✔	1.050	4.8.2 ✔
L20	96.167 - 91.167 (20)	0.016	0.825	0.000	0.043	0.000	0.843 ✔	1.050	4.8.2 ✔
L21	91.167 - 84 (21)	0.016	0.847	0.000	0.044	0.000	0.865 ✔	1.050	4.8.2 ✔
L22	84 - 83.75 (22)	0.014	0.675	0.000	0.036	0.000	0.690 ✔	1.050	4.8.2 ✔
L23	83.75 - 78.75 (23)	0.015	0.707	0.000	0.037	0.000	0.724 ✔	1.050	4.8.2 ✔
L24	78.75 - 73.75 (24)	0.016	0.739	0.000	0.037	0.000	0.756 ✔	1.050	4.8.2 ✔
L25	73.75 - 68.75 (25)	0.016	0.769	0.000	0.037	0.000	0.787 ✔	1.050	4.8.2 ✔
L26	68.75 - 63.75 (26)	0.017	0.799	0.000	0.037	0.000	0.817 ✔	1.050	4.8.2 ✔
L27	63.75 - 58.75 (27)	0.018	0.828	0.000	0.037	0.000	0.848 ✔	1.050	4.8.2 ✔
L28	58.75 - 53.75 (28)	0.019	0.856	0.000	0.037	0.000	0.876 ✔	1.050	4.8.2 ✔
L29	53.75 - 48.75 (29)	0.019	0.882	0.000	0.037	0.000	0.903 ✔	1.050	4.8.2 ✔
L30	48.75 - 39.25 (30)	0.020	0.901	0.000	0.037	0.000	0.923 ✔	1.050	4.8.2 ✔
L31	39.25 - 38.25 (31)	0.018	0.749	0.000	0.031	0.000	0.768 ✔	1.050	4.8.2 ✔
L32	38.25 - 33.25 (32)	0.019	0.766	0.000	0.031	0.000	0.786 ✔	1.050	4.8.2 ✔
L33	33.25 - 28.25 (33)	0.019	0.782	0.000	0.030	0.000	0.802 ✔	1.050	4.8.2 ✔
L34	28.25 - 23.25 (34)	0.019	0.797	0.000	0.030	0.000	0.817 ✔	1.050	4.8.2 ✔
L35	23.25 - 18.25 (35)	0.021	0.812	0.000	0.030	0.000	0.833 ✔	1.050	4.8.2 ✔
L36	18.25 - 13.25 (36)	0.021	0.826	0.000	0.030	0.000	0.847 ✔	1.050	4.8.2 ✔
L37	13.25 - 8.25 (37)	0.021	0.839	0.000	0.029	0.000	0.861 ✔	1.050	4.8.2 ✔
L38	8.25 - 3.25 (38)	0.022	0.851	0.000	0.029	0.000	0.874 ✔	1.050	4.8.2 ✔
L39	3.25 - 0 (39)	0.022	0.859	0.000	0.029	0.000	0.882 ✔	1.050	4.8.2 ✔

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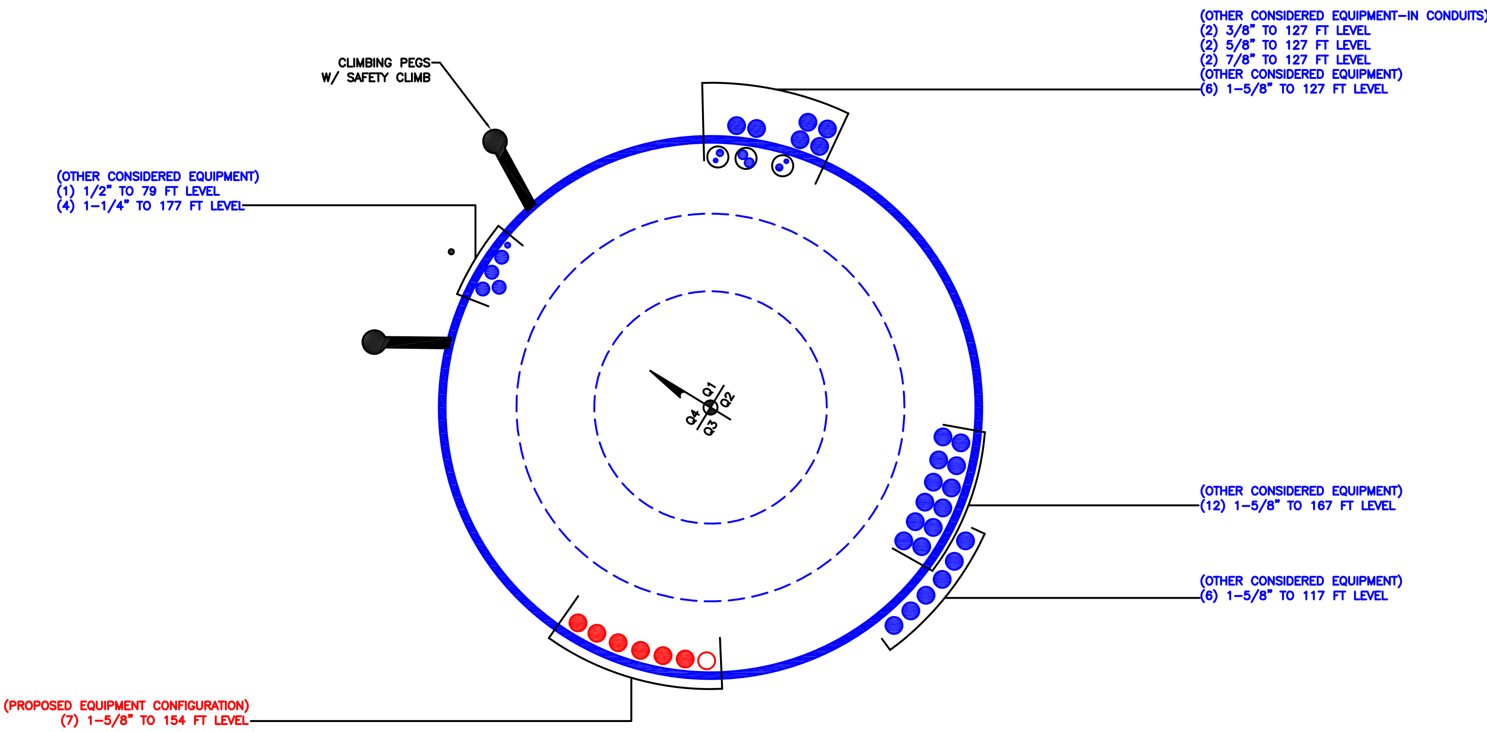
Section Capacity Table

Section No.	Elevation ft	Component Type	Size	Critical Element	P K	ϕP_{allow} K	% Capacity	Pass Fail
L1	177 - 172	Pole	TP22.875x22x0.219	1	-3.912	966.244	**	**
L2	172 - 167	Pole	TP23.75x22.875x0.219	2	-4.227	1003.557	**	**
L3	167 - 162	Pole	TP24.625x23.75x0.219	3	-6.007	1040.871	**	**
L4	162 - 157	Pole	TP25.5x24.625x0.219	4	-6.411	1078.182	**	**
L5	157 - 152	Pole	TP26.375x25.5x0.219	5	-9.939	1115.499	**	**
L6	152 - 147	Pole	TP27.25x26.375x0.219	6	-10.432	1152.816	**	**
L7	147 - 142	Pole	TP28.124x27.25x0.219	7	-10.945	1190.122	**	**
L8	142 - 137	Pole	TP28.999x28.124x0.219	8	-11.478	1227.439	**	**
L9	137 - 129.75	Pole	TP30.268x28.999x0.219	9	-11.861	1253.563	**	**
L10	129.75 - 128.5	Pole	TP30.049x29.174x0.25	10	-12.770	1452.433	**	**
L11	128.5 - 123.5	Pole	TP30.924x30.049x0.25	11	-16.785	1495.084	**	**
L12	123.5 - 118.583	Pole	TP31.785x30.924x0.25	12	-17.538	1537.021	**	**
L13	118.583 - 118.333	Pole	TP31.828x31.785x0.388	13	-17.597	2375.289	**	**
L14	118.333 - 113.333	Pole	TP32.703x31.828x0.388	14	-18.773	2441.386	**	**
L15	113.333 - 108.333	Pole	TP33.578x32.703x0.381	15	-20.076	2467.510	**	**
L16	108.333 - 106.417	Pole	TP33.913x33.578x0.381	16	-20.769	2492.427	**	**
L17	106.417 - 106.167	Pole	TP33.957x33.913x0.25	17	-20.860	1642.914	**	**
L18	106.167 - 101.167	Pole	TP34.832x33.957x0.25	18	-22.481	1685.554	**	**
L19	101.167 - 96.167	Pole	TP35.707x34.832x0.25	19	-25.050	1728.195	**	**
L20	96.167 - 91.167	Pole	TP36.582x35.707x0.25	20	-26.693	1770.846	**	**
L21	91.167 - 84	Pole	TP37.836x36.582x0.25	21	-27.494	1791.457	**	**
L22	84 - 83.75	Pole	TP37.38x36.505x0.313	22	-29.826	2258.361	**	**
L23	83.75 - 78.75	Pole	TP38.255x37.38x0.313	23	-33.718	2311.669	**	**
L24	78.75 - 73.75	Pole	TP39.13x38.255x0.313	24	-35.673	2364.978	**	**
L25	73.75 - 68.75	Pole	TP40.005x39.13x0.313	25	-37.658	2418.286	**	**
L26	68.75 - 63.75	Pole	TP40.88x40.005x0.313	26	-39.688	2471.595	**	**
L27	63.75 - 58.75	Pole	TP41.755x40.88x0.313	27	-44.201	2524.903	**	**
L28	58.75 - 53.75	Pole	TP42.63x41.755x0.313	28	-46.283	2578.212	**	**
L29	53.75 - 48.75	Pole	TP43.505x42.63x0.313	29	-48.388	2631.520	**	**
L30	48.75 - 39.25	Pole	TP45.167x43.505x0.313	30	-50.761	2671.494	**	**
L31	39.25 - 38.25	Pole	TP44.717x43.536x0.375	31	-56.514	3241.885	**	**
L32	38.25 - 33.25	Pole	TP45.592x44.717x0.375	32	-58.837	3305.851	**	**
L33	33.25 - 28.25	Pole	TP46.467x45.592x0.375	33	-61.185	3369.817	**	**
L34	28.25 - 23.25	Pole	TP47.342x46.467x0.375	34	-63.556	3433.783	**	**
L35	23.25 - 18.25	Pole	TP48.217x47.342x0.375	35	-68.463	3497.749	**	**
L36	18.25 - 13.25	Pole	TP49.091x48.217x0.375	36	-70.988	3561.715	**	**
L37	13.25 - 8.25	Pole	TP49.966x49.091x0.375	37	-73.536	3625.681	**	**
L38	8.25 - 3.25	Pole	TP50.841x49.966x0.375	38	-76.108	3689.647	**	**
L39	3.25 - 0	Pole	TP51.41x50.841x0.375	39	-77.790	3731.227	**	**
							Summary	
						Pole (L30)	**	**
						RATING =	**	**

** Above stress ratios for reinforced sections are approximate. More exact calculations are presented in Appendix C.

APPENDIX B

BASE LEVEL DRAWING



BUSINESS UNIT: 876376

APPENDIX C

ADDITIONAL CALCULATIONS

CCIpole

per TIA-222- H

Site BU: 876376

Work Order: 1957204

CROWN CASTLE

Pole Geometry

	Pole Height Above Base (ft)	Section Length (ft)	Lap Splice Length (ft)	Number of Sides	Top Diameter (in)	Bottom Diameter (in)	Wall Thickness (in)	Bend Radius (in)	Pole Material
1	177	47.25	3.75	18	22	30.268	0.21875	Auto	A607-65
2	133.5	49.5	4.75	18	29.17	37.836	0.25	Auto	A607-65
3	88.75	49.5	5.75	18	36.50	45.167	0.3125	Auto	A607-65
4	45	45	0	18	43.54	51.41	0.375	Auto	A607-65

Reinforcement Configuration

	Bottom Effective Elevation (ft)	Top Effective Elevation (ft)	Type	Model	Number	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1	106.417	118.583	channel	MP3-04 (1.1875in)	3	E4						E4						E4					
2																							
3																							
4																							
5																							
6																							
7																							
8																							
9																							
10																							

Reinforcement Details

	B (in)	H (in)	Gross Area (in^2)	Pole Face to Centroid (in)	Bottom Termination Type	Bottom Termination Length (in)	Top Termination Type	Top Termination Length (in)	Lu (in)	Net Area (in2)	Bolt Hole Size (in)	Reinforcement Material
1	4.78	1.61	4.13	0.61	PC 8.8 - M20 (100)	17	PC 8.8 - M20 (100)	17.000	18.000	3.593	1.1875	A572-65

TNX Geometry Input

Increment (ft): 5 Export to TNX

	Section Height (ft)			Section Length (ft)	Lap Splice Length (ft)	Number of Sides	Top Diameter (in)	Bottom Diameter (in)	Wall Thickness (in)	Tapered Pole Grade	Weight Multiplier
1	177	-	172	5		18	22.000	22.875	0.21875	A607-65	1.000
2	172	-	167	5		18	22.875	23.750	0.21875	A607-65	1.000
3	167	-	162	5		18	23.750	24.625	0.21875	A607-65	1.000
4	162	-	157	5		18	24.625	25.500	0.21875	A607-65	1.000
5	157	-	152	5		18	25.500	26.375	0.21875	A607-65	1.000
6	152	-	147	5		18	26.375	27.250	0.21875	A607-65	1.000
7	147	-	142	5		18	27.250	28.124	0.21875	A607-65	1.000
8	142	-	137	5		18	28.124	28.999	0.21875	A607-65	1.000
9	137	-	133.5	7.25	3.75	18	28.999	30.268	0.21875	A607-65	1.000
10	133.5	-	128.5	5		18	29.174	30.049	0.25	A607-65	1.000
11	128.5	-	123.5	5		18	30.049	30.924	0.25	A607-65	1.000
12	123.5	-	118.583	4.917		18	30.924	31.785	0.25	A607-65	1.000
13	118.583	-	118.333	0.25		18	31.785	31.828	0.3875	A607-65	0.968
14	118.333	-	113.333	5		18	31.828	32.703	0.3875	A607-65	0.960
15	113.333	-	108.333	5		18	32.703	33.578	0.38125	A607-65	0.967
16	108.333	-	106.417	1.916		18	33.578	33.913	0.38125	A607-65	0.964
17	106.417	-	106.167	0.25		18	33.913	33.957	0.25	A607-65	1.000
18	106.167	-	101.167	5		18	33.957	34.832	0.25	A607-65	1.000
19	101.167	-	96.167	5		18	34.832	35.707	0.25	A607-65	1.000
20	96.167	-	91.167	5		18	35.707	36.582	0.25	A607-65	1.000
21	91.167	-	88.75	7.167	4.75	18	36.582	37.836	0.25	A607-65	1.000
22	88.75	-	83.75	5		18	36.505	37.380	0.3125	A607-65	1.000
23	83.75	-	78.75	5		18	37.380	38.255	0.3125	A607-65	1.000
24	78.75	-	73.75	5		18	38.255	39.130	0.3125	A607-65	1.000
25	73.75	-	68.75	5		18	39.130	40.005	0.3125	A607-65	1.000
26	68.75	-	63.75	5		18	40.005	40.880	0.3125	A607-65	1.000
27	63.75	-	58.75	5		18	40.880	41.755	0.3125	A607-65	1.000
28	58.75	-	53.75	5		18	41.755	42.630	0.3125	A607-65	1.000
29	53.75	-	48.75	5		18	42.630	43.505	0.3125	A607-65	1.000
30	48.75	-	45	9.5	5.75	18	43.505	45.167	0.3125	A607-65	1.000
31	45	-	38.25	6.75		18	43.536	44.717	0.375	A607-65	1.000
32	38.25	-	33.25	5		18	44.717	45.592	0.375	A607-65	1.000
33	33.25	-	28.25	5		18	45.592	46.467	0.375	A607-65	1.000
34	28.25	-	23.25	5		18	46.467	47.342	0.375	A607-65	1.000
35	23.25	-	18.25	5		18	47.342	48.217	0.375	A607-65	1.000
36	18.25	-	13.25	5		18	48.217	49.091	0.375	A607-65	1.000
37	13.25	-	8.25	5		18	49.091	49.966	0.375	A607-65	1.000
38	8.25	-	3.25	5		18	49.966	50.841	0.375	A607-65	1.000
39	3.25	-	0	3.25		18	50.841	51.410	0.375	A607-65	1.000

TNX Section Forces

Increment (ft): 5

	Section Height (ft)			TNX Output P_u (K)	M_{ux} (kip-ft)	V_u (K)
1	177	-	172	3.91	21.50	4.00
2	172	-	167	4.23	42.35	4.34
3	167	-	162	6.01	75.50	6.51
4	162	-	157	6.41	108.95	6.87
5	157	-	152	9.94	158.87	11.54
6	152	-	147	10.43	217.47	11.90
7	147	-	142	10.94	277.87	12.27
8	142	-	137	11.48	340.07	12.63
9	137	-	133.5	11.86	384.69	12.88
10	133.5	-	128.5	12.77	450.17	13.31
11	128.5	-	123.5	16.78	535.69	17.32
12	123.5	-	118.583	17.54	621.70	17.67
13	118.583	-	118.333	17.60	626.12	17.69
14	118.333	-	113.333	18.77	716.76	18.42
15	113.333	-	108.333	20.08	809.93	18.85
16	108.333	-	106.417	20.77	846.25	19.06
17	106.417	-	106.167	20.86	851.02	19.08
18	106.167	-	101.167	22.48	947.48	19.51
19	101.167	-	96.167	25.05	1047.24	21.11
20	96.167	-	91.167	26.69	1154.70	21.90
21	91.167	-	88.75	27.49	1208.05	22.28
22	88.75	-	83.75	29.83	1321.65	23.19
23	83.75	-	78.75	33.72	1439.86	24.24
24	78.75	-	73.75	35.67	1562.86	25.00
25	73.75	-	68.75	37.66	1689.60	25.74
26	68.75	-	63.75	39.69	1819.21	26.15
27	63.75	-	58.75	44.20	1952.02	27.01
28	58.75	-	53.75	46.28	2087.83	27.36
29	53.75	-	48.75	48.39	2225.30	27.68
30	48.75	-	45	50.76	2329.47	27.94
31	45	-	38.25	56.51	2520.24	28.67
32	38.25	-	33.25	58.84	2664.05	28.91
33	33.25	-	28.25	61.18	2809.02	29.13
34	28.25	-	23.25	63.56	2955.01	29.33
35	23.25	-	18.25	68.46	3102.85	29.87
36	18.25	-	13.25	70.99	3252.44	30.03
37	13.25	-	8.25	73.54	3402.79	30.18
38	8.25	-	3.25	76.11	3553.84	30.31
39	3.25	-	0	77.79	3652.35	30.39

Analysis Results

Elevation (ft)	Component Type	Size	Critical Element	% Capacity	Pass / Fail
177 - 172	Pole	TP22.875x22x0.2188	Pole	4.3%	Pass
172 - 167	Pole	TP23.75x22.875x0.2188	Pole	7.5%	Pass
167 - 162	Pole	TP24.625x23.75x0.2188	Pole	12.5%	Pass
162 - 157	Pole	TP25.5x24.625x0.2188	Pole	16.8%	Pass
157 - 152	Pole	TP26.375x25.5x0.2188	Pole	23.2%	Pass
152 - 147	Pole	TP27.25x26.375x0.2188	Pole	29.8%	Pass
147 - 142	Pole	TP28.124x27.25x0.2188	Pole	35.9%	Pass
142 - 137	Pole	TP28.999x28.124x0.2188	Pole	41.6%	Pass
137 - 133.5	Pole	TP30.268x28.999x0.2188	Pole	45.4%	Pass
133.5 - 128.5	Pole	TP30.049x29.174x0.25	Pole	43.4%	Pass
128.5 - 123.5	Pole	TP30.924x30.049x0.25	Pole	49.4%	Pass
123.5 - 118.58	Pole	TP31.785x30.924x0.25	Pole	54.6%	Pass
118.58 - 118.33	Pole + Reinf.	TP31.828x31.785x0.3875	Reinf. 1 Tension Rupture	49.5%	Pass
118.33 - 113.33	Pole + Reinf.	TP32.703x31.828x0.3875	Reinf. 1 Tension Rupture	54.1%	Pass
113.33 - 108.33	Pole + Reinf.	TP33.578x32.703x0.3813	Reinf. 1 Tension Rupture	58.4%	Pass
108.33 - 106.42	Pole + Reinf.	TP33.913x33.578x0.3813	Reinf. 1 Tension Rupture	60.0%	Pass
106.42 - 106.17	Pole	TP33.957x33.913x0.25	Pole	66.8%	Pass
106.17 - 101.17	Pole	TP34.832x33.957x0.25	Pole	71.3%	Pass
101.17 - 96.17	Pole	TP35.707x34.832x0.25	Pole	75.7%	Pass
96.17 - 91.17	Pole	TP36.582x35.707x0.25	Pole	80.3%	Pass
91.17 - 88.75	Pole	TP37.836x36.582x0.25	Pole	82.4%	Pass
88.75 - 83.75	Pole	TP37.38x36.505x0.3125	Pole	65.7%	Pass
83.75 - 78.75	Pole	TP38.255x37.38x0.3125	Pole	68.9%	Pass
78.75 - 73.75	Pole	TP39.13x38.255x0.3125	Pole	72.0%	Pass
73.75 - 68.75	Pole	TP40.005x39.13x0.3125	Pole	75.0%	Pass
68.75 - 63.75	Pole	TP40.88x40.005x0.3125	Pole	77.8%	Pass
63.75 - 58.75	Pole	TP41.755x40.88x0.3125	Pole	80.7%	Pass
58.75 - 53.75	Pole	TP42.63x41.755x0.3125	Pole	83.4%	Pass
53.75 - 48.75	Pole	TP43.505x42.63x0.3125	Pole	86.0%	Pass
48.75 - 45	Pole	TP45.167x43.505x0.3125	Pole	87.9%	Pass
45 - 38.25	Pole	TP44.717x43.536x0.375	Pole	73.2%	Pass
38.25 - 33.25	Pole	TP45.592x44.717x0.375	Pole	74.8%	Pass
33.25 - 28.25	Pole	TP46.467x45.592x0.375	Pole	76.4%	Pass
28.25 - 23.25	Pole	TP47.342x46.467x0.375	Pole	77.9%	Pass
23.25 - 18.25	Pole	TP48.217x47.342x0.375	Pole	79.4%	Pass
18.25 - 13.25	Pole	TP49.091x48.217x0.375	Pole	80.7%	Pass
13.25 - 8.25	Pole	TP49.966x49.091x0.375	Pole	82.0%	Pass
8.25 - 3.25	Pole	TP50.841x49.966x0.375	Pole	83.2%	Pass
3.25 - 0	Pole	TP51.41x50.841x0.375	Pole	84.0%	Pass
				Summary	
			Pole	87.9%	Pass
			Reinforcement	60.0%	Pass
			Overall	87.9%	Pass

Additional Calculations

Section Elevation (ft)	Moment of Inertia (in^4)			Area (in^2)			% Capacity*	
	Pole	Reinf.	Total	Pole	Reinf.	Total	Pole	R1
177 - 172	1020	n/a	1020	15.73	n/a	15.73	4.3%	
172 - 167	1143	n/a	1143	16.34	n/a	16.34	7.5%	
167 - 162	1275	n/a	1275	16.94	n/a	16.94	12.5%	
162 - 157	1417	n/a	1417	17.55	n/a	17.55	16.8%	
157 - 152	1569	n/a	1569	18.16	n/a	18.16	23.2%	
152 - 147	1732	n/a	1732	18.77	n/a	18.77	29.8%	
147 - 142	1906	n/a	1906	19.37	n/a	19.37	35.9%	
142 - 137	2090	n/a	2090	19.98	n/a	19.98	41.6%	
137 - 133.5	2227	n/a	2227	20.41	n/a	20.41	45.4%	
133.5 - 128.5	2652	n/a	2652	23.64	n/a	23.64	43.4%	
128.5 - 123.5	2892	n/a	2892	24.34	n/a	24.34	49.4%	
123.5 - 118.58	3143	n/a	3143	25.02	n/a	25.02	54.6%	
118.58 - 118.33	3156	1698	4854	25.06	12.39	37.45	35.1%	49.5%
118.33 - 113.33	3425	1789	5214	25.75	12.39	38.14	38.8%	54.1%
113.33 - 108.33	3710	1882	5592	26.44	12.39	38.83	42.3%	58.4%
108.33 - 106.42	3823	1918	5741	26.71	12.39	39.10	43.7%	60.0%
106.42 - 106.17	3838	n/a	3838	26.75	n/a	26.75	66.8%	
106.17 - 101.17	4145	n/a	4145	27.44	n/a	27.44	71.3%	
101.17 - 96.17	4467	n/a	4467	28.13	n/a	28.13	75.7%	
96.17 - 91.17	4806	n/a	4806	28.83	n/a	28.83	80.3%	
91.17 - 88.75	4976	n/a	4976	29.16	n/a	29.16	82.4%	
88.75 - 83.75	6380	n/a	6380	36.76	n/a	36.76	65.7%	
83.75 - 78.75	6842	n/a	6842	37.63	n/a	37.63	68.9%	
78.75 - 73.75	7327	n/a	7327	38.50	n/a	38.50	72.0%	
73.75 - 68.75	7833	n/a	7833	39.37	n/a	39.37	75.0%	
68.75 - 63.75	8363	n/a	8363	40.24	n/a	40.24	77.8%	
63.75 - 58.75	8916	n/a	8916	41.10	n/a	41.10	80.7%	
58.75 - 53.75	9493	n/a	9493	41.97	n/a	41.97	83.4%	
53.75 - 48.75	10094	n/a	10094	42.84	n/a	42.84	86.0%	
48.75 - 45	10561	n/a	10561	43.49	n/a	43.49	87.9%	
45 - 38.25	13106	n/a	13106	52.78	n/a	52.78	73.2%	
38.25 - 33.25	13897	n/a	13897	53.82	n/a	53.82	74.8%	
33.25 - 28.25	14719	n/a	14719	54.86	n/a	54.86	76.4%	
28.25 - 23.25	15574	n/a	15574	55.90	n/a	55.90	77.9%	
23.25 - 18.25	16460	n/a	16460	56.94	n/a	56.94	79.4%	
18.25 - 13.25	17380	n/a	17380	57.98	n/a	57.98	80.7%	
13.25 - 8.25	18333	n/a	18333	59.02	n/a	59.02	82.0%	
8.25 - 3.25	19321	n/a	19321	60.07	n/a	60.07	83.2%	
3.25 - 0	19981	n/a	19981	60.74	n/a	60.74	84.0%	

Note: Section capacity checked using 5 degree increments.
Rating per TIA-222-H Section 15.5.

PROJECT	**83609.010.01 - SCOVILLE HILL /HARWINTON ROD, CT**
SUBJECT	**Anchor Rod Bracket Analysis**
DATE	**05/08/21**
v4.6.1	

TIA-222 Rev.	H
Apply TIA-222-H Section 15.5?	Yes

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

Analysis Criteria		
Design/Analysis	Analysis	
Load Type	Current Load	
Current load	111.12	kips
AR Capacity	276.4	kips

Tower Type	Monopole

Manufacturers Tower Prop.			
Pole Thickness		0.375	in
Pole Grade		A572-65	
Fy		65	ksi
Fu		80	ksi
Base Plate Gr.		Custom	
Fy	55	55	ksi
Fu	70	70	ksi

Post-Installed Adhesive AR Mod.		
ARB Type	Welded	
Size	1.75	in
Grade	'22-150 (Williar	
Fy	127.7	ksi
Fu	150	ksi

Anchor Rod Bracket Analysis Checks		
Tube Bearing	28.7%	-
Tube Compression	43.0%	-
Gusset Shear	22.4%	-
Gusset Flexure	N/A	-
Welds: Gusset to Tower and BP	32.4%	-
Welds: Gusset to Tube	22.7%	-
Welds: Geometry	N/A	
Tower Punching	20.3%	-
Tube Punching	28.7%	-
Utilization	**43.0%**	

Bracket Properties

Gusset			Pipe/Tube				Weld - Gusset to Pipe/Tube		
Thickness	1.25	in	Size		3 XXS Pipe		FEXX	70	ksi
Width at Tube	6	in	Total Length		10.5	in	Weld Type	CJP - Double Bevel	
Height at Pole	30	in	Length above Gusset		0	in	Fillet Size	3/8	in
Height at Tube	10.5	in	Length below Gusset		0	in	Bevel Depth	3/8	in
Grade	A572-65		Grade		Custom				
Fy	65	ksi	Fy	50	50	ksi			
Fu	80	ksi	Fu	65	65	ksi			

Weld - Gusset to Tower			Weld - Gusset to Base Plate		
FEXX	70	ksi	FEXX	70	ksi
Weld Type	Double Fillet		Weld Type	CJP - Double Bevel	
Fillet Size	3/8	in	Fillet Size	1/2	in
			Bevel Depth	1/2	in
			Gap	0	in
			Notch (horiz)	0.75	in
			Notch (vert)	0.75	in
			Pipe/Tube Welded to Base/Footpad?	Yes	
			Fillet Size	1/2	in

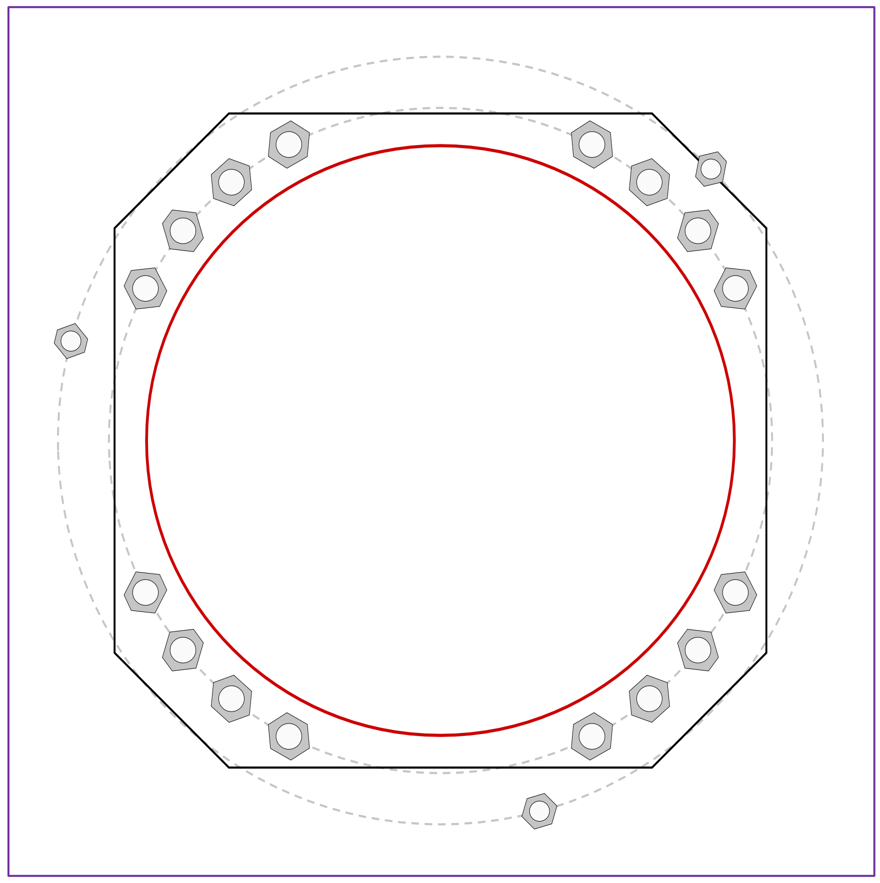
Monopole Base Plate Connection

Site Info	
BU #	876376
Site Name	LE HILL /HARWINTON F
Order #	552650, Rev# 0

Analysis Considerations	
TIA-222 Revision	H
Grout Considered:	See Custom Sheet
I_{ar} (in)	See Custom Sheet

Applied Loads	
Moment (kip-ft)	3652.35
Axial Force (kips)	77.79
Shear Force (kips)	30.39

**TIA-222-H Section 15.5 Applied*



Connection Properties

Anchor Rod Data

GROUP 1: (16) 2-1/4" ø bolts (A615-75 N; Fy=75 ksi, Fu=100 ksi) on 58" BC

Anchor Spacing: 6 in

GROUP 2: (3) 1-3/4" ø bolts (A722 N; Fy=127.7 ksi, Fu=125 ksi) on 66.91" BC

Base Plate Data

57" W x 2.75" Plate (A572-55; Fy=55 ksi, Fu=70 ksi); Clip: 10 in

Stiffener Data

N/A

Pole Data

51.41" x 0.375" 18-sided pole (A607-65; Fy=65 ksi, Fu=80 ksi)

Analysis Results

Anchor Rod Summary *(units of kips, kip-in)*

GROUP 1:			
	Pu_t = 159.89	ϕPn_t = 243.75	**Stress Rating**
	Vu = 1.9	ϕVn = 149.1	**62.5%**
	Mu = n/a	ϕMn = n/a	Pass
GROUP 2:			
	Pu_t = 111.12	ϕPn_t = 178.13	**Stress Rating**
	Vu = 0	ϕVn = 112.75	**59.4%**
	Mu = n/a	ϕMn = n/a	Pass

Base Plate Summary

Max Stress (ksi):	30.35	(Flexural)
Allowable Stress (ksi):	49.5	
Stress Rating:	**58.4%**	Pass

CCIplate

Elevation (ft)	0	(Base)

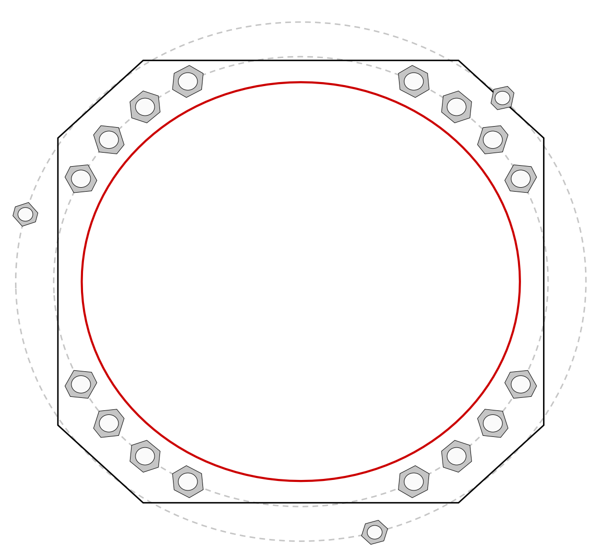
note: Bending interaction not considered when Grout Considered = "Yes"

Bolt Group	Resist Axial	Resist Shear	Induce Plate Bending	Grout Considered	Apply at BARB Elevation	BARB CL Elevation (ft)
1	Yes	Yes	Yes	No	No	
2	No	No	No	No	No	

Custom Bolt Connection

Bolt	Bolt Group ID	Location (deg.)	Diameter (in)	Material	Bolt Circle (in)	Eta Factor, η:	I_{ar} (in):	Thread Type	Area Override, in^2	Tension Only
1	1	27.186683	2.25	A615-75	58	0.5	0	N-Included		No
2	1	39.062228	2.25	A615-75	58	0.5	0	N-Included		No
3	1	50.937772	2.25	A615-75	58	0.5	0	N-Included		No
4	1	62.813317	2.25	A615-75	58	0.5	0	N-Included		No
5	1	117.18668	2.25	A615-75	58	0.5	0	N-Included		No
6	1	129.06223	2.25	A615-75	58	0.5	0	N-Included		No
7	1	140.93777	2.25	A615-75	58	0.5	0	N-Included		No
8	1	152.81332	2.25	A615-75	58	0.5	0	N-Included		No
9	1	207.18668	2.25	A615-75	58	0.5	0	N-Included		No
10	1	219.06223	2.25	A615-75	58	0.5	0	N-Included		No
11	1	230.93777	2.25	A615-75	58	0.5	0	N-Included		No
12	1	242.81332	2.25	A615-75	58	0.5	0	N-Included		No
13	1	297.18668	2.25	A615-75	58	0.5	0	N-Included		No
14	1	309.06223	2.25	A615-75	58	0.5	0	N-Included		No
15	1	320.93777	2.25	A615-75	58	0.5	0	N-Included		No
16	1	332.81332	2.25	A615-75	58	0.5	0	N-Included		No
17	2	45	1.75	A722	66.91	0.5	0	N-Included		No
18	2	165	1.75	A722	66.91	0.5	0	N-Included		No
19	2	285	1.75	A722	66.91	0.5	0	N-Included		No

Plot Graphic



www.hilti.com

Company:	B+T grp	Page:	1
Address:	1717 S.Boulder, Suite 300	Specifier:	Manish
Phone I Fax:		E-Mail:	
Design:	83609_010_01_SCOVILLE HILL / HARWINTON ROD, CT	Date:	5/9/2021
Fastening point:			

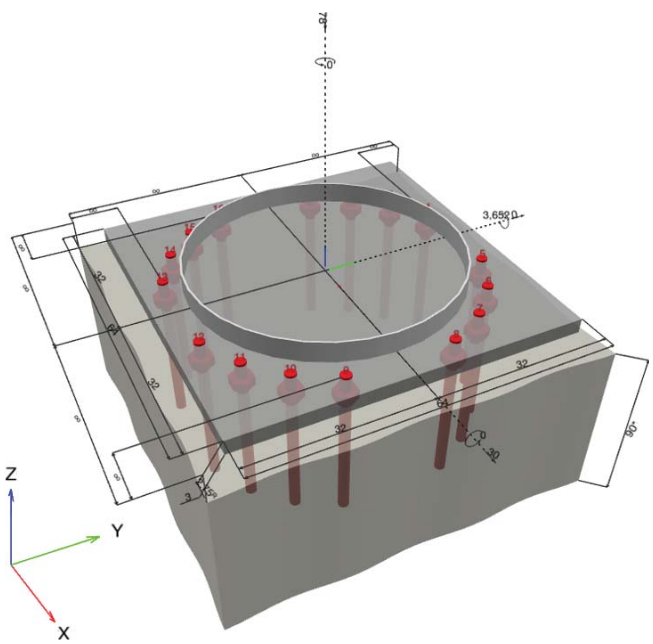
Specifier's comments:

1 Input data

Anchor type and diameter:	**Heavy Hex Head** 2.25" dia Anchor Rods
Item number:	not available
Effective embedment depth:	h_{ef} = 84in
Material:	ASTM F 1554
Evaluation Service Report:	Hilti Technical Data
Issued I Valid:	- | -
Proof:	Design Method ACI 318-08 / CIP
Stand-off installation:	without clamping (anchor); restraint level (anchor plate): 1.00; e_b = 3.000 in.; t = 2.750 in.
Anchor plate[R] :	l_x x l_y x t = 57in x 57in x 2.750 in.; (Recommended plate thickness: not calculated)
Profile:	Steel pipe, ; (L x W x T) = 51.410 in. x 51.410 in. x 0.375 in.
Base material:	cracked concrete, 3000, f_c' = 3,000 psi; h = 90.000 in.
Reinforcement:	tension: condition B, shear: condition B;
	edge reinforcement: none or < No. 4 bar
Seismic loads (cat. C, D, E, or F)	no

[R] - The anchor calculation is based on a rigid anchor plate assumption.

Geometry [in.] & Loading [kip, ft.kip]

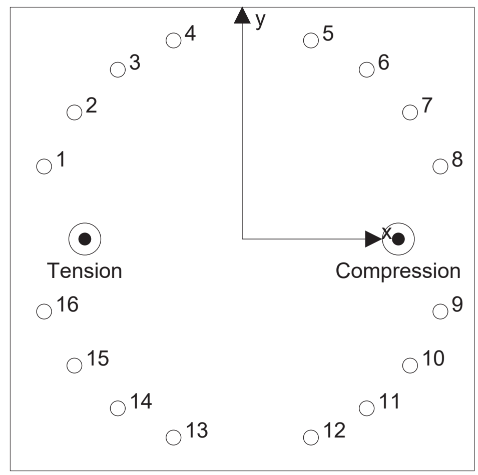


Company:	B+T grp	Page:	2
Address:	1717 S.Boulder, Suite 300	Specifier:	Manish
Phone I Fax:	83609_010_01_SCOVILLE HILL / HARWINTON ROD, CT	E-Mail:	
Design:		Date:	5/9/2021
Fastening point:			

1.1 Design results

Case	Description	Forces [kip] / Moments [ft.kip]	Seismic	Max. Util. Anchor [%]
1	Combination 1	N = -78.000; V_x = 30.000; V_y = 0.000; M_x = 0.00000; M_y = 3,652.00000; M_z = 0.00000;	no	408

2 Load case/Resulting anchor forces



Anchor reactions [kip]

Tension force: (+Tension, -Compression)

Anchor	Tension force	Shear force	Shear force x	Shear force y
1	174.734	1.875	1.875	0.000
2	147.261	1.875	1.875	0.000
3	107.940	1.875	1.875	0.000
4	57.415	1.875	1.875	0.000
5	-67.166	1.875	1.875	-0.000
6	-117.691	1.875	1.875	-0.000
7	-157.009	1.875	1.875	-0.000
8	-184.484	1.875	1.875	-0.000
9	-184.483	1.875	1.875	-0.000
10	-157.009	1.875	1.875	-0.000
11	-117.691	1.875	1.875	-0.000
12	-67.165	1.875	1.875	-0.000
13	57.415	1.875	1.875	0.000
14	107.940	1.875	1.875	0.000
15	147.259	1.875	1.875	0.000
16	174.733	1.875	1.875	0.000

max. concrete compressive strain: - [‰]
max. concrete compressive stress: - [ksi]
resulting tension force in (x/y)=(-21.709/0.000): 974.698 [kip]
resulting compression force in (x/y)=(21.529/0.000): 1,052.698 [kip]

Anchor forces are calculated based on the assumption of a rigid anchor plate.

3 Tension load

	Load N_{ua} [kip]	Capacity ϕ N_n [kip]	Utilization $\beta_N = N_{ua}/\phi$ N_n	Status
Steel Strength*	-184.484	243.75	75.68%	OK
Concrete Breakout Failure**	974.698	1495.661	65.17%	not recommended
Concrete Side-Face Blowout, direction **	N/A	N/A	N/A	N/A

* highest loaded anchor **anchor group (anchors in tension)

Governing Rating:
75.68/1.05
= 72.07%

3.1 Steel Strength

$N_{sa} = A_{se,N}\, f_{uta}$ ACI 318-08 Eq. (D-3)

$\phi\ N_{sa} \geq N_{ua}$ ACI 318-08 Eq. (D-1)

Variables

$A_{se,N}$ [in.^{2}]	f_{uta} [ksi]
3.25	100

Calculations

N_{sa} [kip]
325

Results

N_{sa} [kip]	ϕ_{steel}	$\phi\ N_{sa}$ [kip]	N_{ua} [kip]
325	0.750	243.75	-184.484

The steel proof was done for the highest absolute force per anchor - in this case compression loading. Please be aware that buckling should be verified separately

3.3 Concrete Breakout Failure

$N_{cbg} = \left(\frac{A_{Nc}}{A_{Nc0}}\right) \psi_{ec,N}\ \psi_{ed,N}\ \psi_{c,N}\ \psi_{cp,N}\ N_b$ — ACI 318-08 Eq. (D-5)

$\phi\ N_{cbg} \geq N_{ua}$ — ACI 318-08 Eq. (D-1)

A_{Nc} see ACI 318-08, Part D.5.2.1, Fig. RD.5.2.1(b)

$A_{Nc0} = 9\ h_{ef}^2$ — ACI 318-08 Eq. (D-6)

$\psi_{ec,N} = \left(\frac{1}{1 + \frac{2\ e'_N}{3\ h_{ef}}}\right) \leq 1.0$ — ACI 318-08 Eq. (D-9)

$\psi_{ed,N} = 0.7 + 0.3 \left(\frac{c_{a,min}}{1.5 h_{ef}}\right) \leq 1.0$ — ACI 318-08 Eq. (D-11)

$\psi_{cp,N} = \mathrm{MAX}\left(\frac{c_{a,min}}{c_{ac}}, \frac{1.5 h_{ef}}{c_{ac}}\right) \leq 1.0$ — ACI 318-08 Eq. (D-13)

$N_b = 16\ \lambda\ \sqrt{f'_c}\ h_{ef}^{5/3}$ — ACI 318-08 Eq. (D-8)

Variables

h_{ef} [in.]	$e_{c1,N}$ [in.]	$e_{c2,N}$ [in.]	$c_{a,min}$ [in.]	$\psi_{c,N}$
84	2.431	0.000	∞	1.000

c_{ac} [in.]	k_c	λ	f'_c [psi]
-	16	1	3,000

Calculations

A_{Nc} [in.^{2}]	A_{Nc0} [in.^{2}]	$\psi_{ec1,N}$	$\psi_{ec2,N}$	$\psi_{ed,N}$	$\psi_{cp,N}$	N_b [kip]
96100	63504	1	1.000	1.000	1.000	1411.929

Results

N_{cbg} [kip]	$\phi_{concrete}$	$\phi\ N_{cbg}$ [kip]	N_{ua} [kip]
2136.659	0.700	1495.661	974.698

Pier and Pad Foundation

BU # :	876376
Site Name:	SCOVILLE HILL /H
App. Number:	552650, Rev. 0

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, Vu_comp:	30	kips
Moment, M_u:	3652	ft-kips
Tower Height, **H**:	177	ft
BP Dist. Above Fdn, bp_{dist}:	3.75	in
Bolt Circle / Bearing Plate Width, **BC**:	58	in

Foundation Analysis Checks	Capacity	Demand	Rating*	Check
Lateral (Sliding) (kips)	204.88	30.00	**13.9%**	**Pass**
Bearing Pressure (ksf)	30.00	5.18	**17.3%**	**Pass**
*Overturning (kip*ft)*	4554.82	3781.38	**83.0%**	**Pass**
*Pad Flexure (kip*ft)*	4945.31	2217.04	**42.7%**	**Pass**
Pad Shear - 1-way (kips)	1046.09	294.44	**26.8%**	**Pass**
Pad Shear - 2-way (Comp) (ksi)	0.164	0.000	**0.0%**	**Pass**
*Flexural 2-way (Comp) (kip*ft)*	7561.23	0.00	**0.0%**	**Pass**

**Rating per TIA-222-H Section 15.5*

Soil Rating*:	**83.0%**
Structural Rating*:	**42.7%**

Pad Properties		
Depth, **D**:	3.5	ft
Pad Width, W_1:	24.5	ft
Pad Thickness, **T**:	4	ft
Pad Rebar Size (Bottom dir. 2), Sp_2:	9	
Pad Rebar Quantity (Bottom dir. 2), mp_2:	26	
Pad Clear Cover, cc_{pad}:	3	in

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

Soil Properties		
Total Soil Unit Weight, γ:	125	pcf
Ultimate Gross Bearing, Qult:	40.000	ksf
Cohesion, **Cu**:	0.000	ksf
Friction Angle, φ:	30	degrees
SPT Blow Count, N_{blows}:		
Base Friction, μ:	0.7	
Neglected Depth, **N**:	3.33	ft
Foundation Bearing on Rock?	Yes	
Groundwater Depth, **gw**:	N/A	ft

<--Toggle between Gross and Net

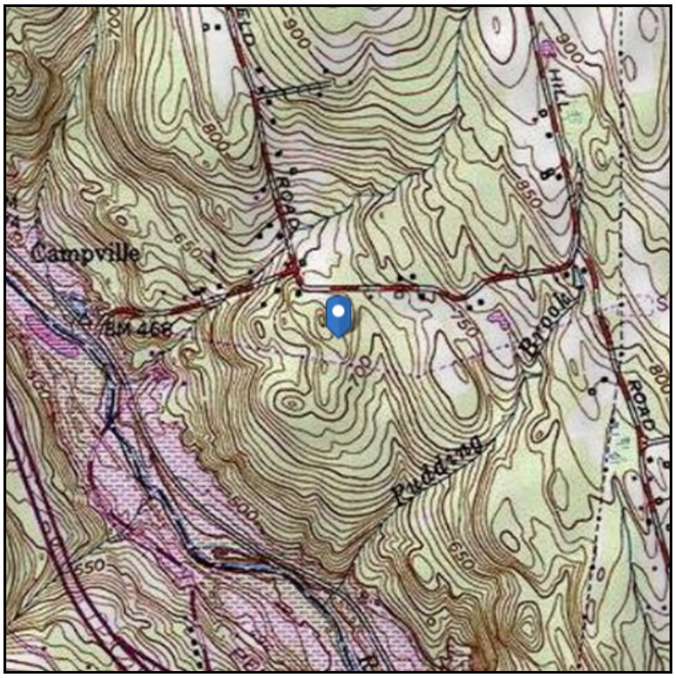
Version 4.0.1

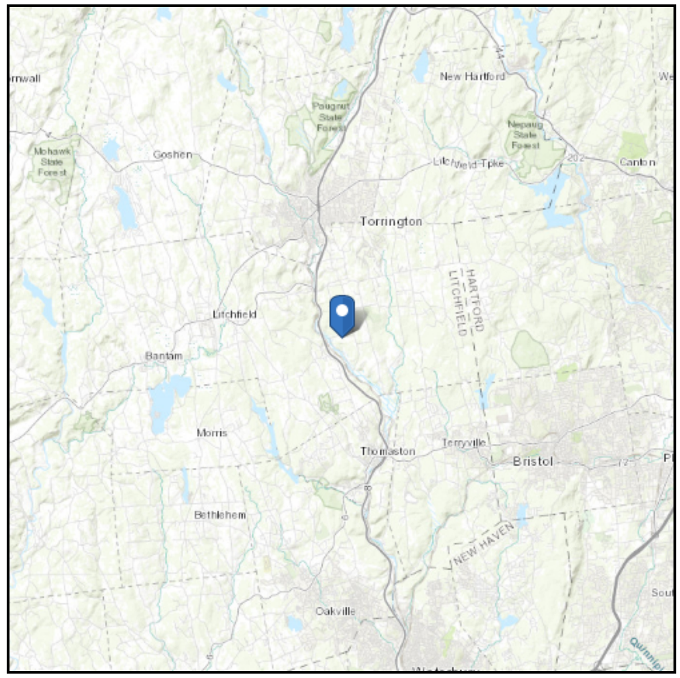
ASCE 7 Hazards Report

Address:
No Address at This Location

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

Elevation: 734.96 ft (NAVD 88)
Latitude: 41.736778
Longitude: -73.097056





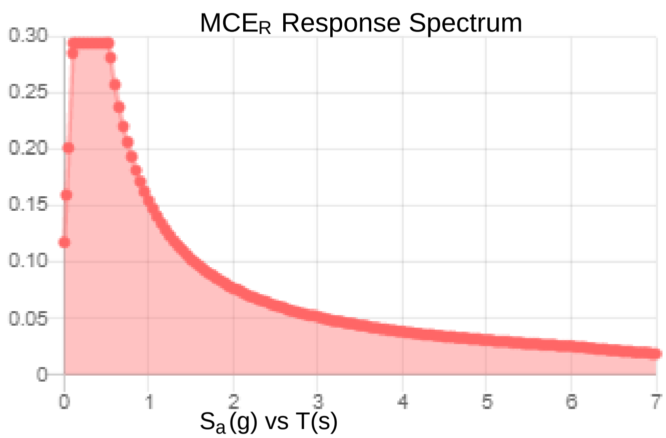
Seismic

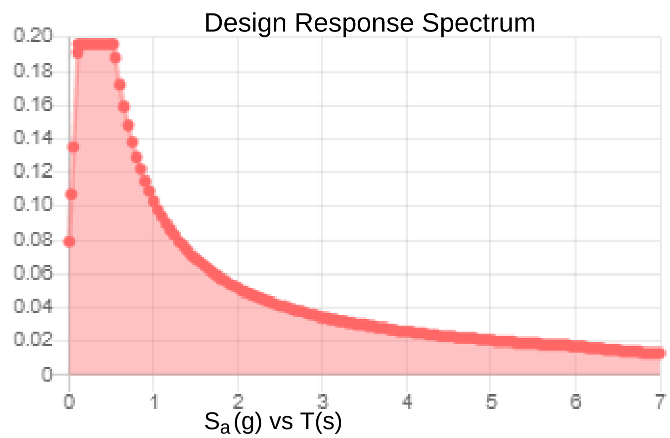
Site Soil Class: D - Stiff Soil

Results:

S_S :	0.184	S_{DS} :	0.196
S_1 :	0.065	S_{D1} :	0.103
F_a :	1.6	T_L :	6
F_v :	2.4	PGA :	0.093
S_{MS} :	0.295	PGA_M :	0.15
S_{M1} :	0.155	F_{PGA} :	1.6
		I_e :	1

Seismic Design Category B





Data Accessed: Wed Apr 28 2021

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

Ice

Results:

Ice Thickness:	0.75 in.
Concurrent Temperature:	5 F
Gust Speed:	50 mph
Data Source:	Standard ASCE/SEI 7-10, Figs. 10-2 through 10-8
Date Accessed:	Wed Apr 28 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.

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 #: 10061734
Maser Consulting Connecticut Project #: 21777069A

May 6, 2021

Site Information	*Site ID:*	*468296-VZW / HARWINTON W CT*
	Site Name:	*HARWINTON W CT*
	Carrier Name:	*Verizon Wireless*
	Address:	*123 Campville Rd Harwinton, Connecticut 06791 Litchfield County*
	Latitude:	*41.736678°*
	Longitude:	*-73.097033°*
Structure Information	*Tower Type:*	*Monopole*
	Mount Type:	*13.08-Ft Platform*

FUZE ID # 16271950

Analysis Results

Platform: **72.0% 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

STATE OF CONNECTICUT
JUSTIN PETER LINETTE
No. 31965
LICENSED
PROFESSIONAL ENGINEER

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: 324071, dated January 7, 2021*
Mount Mapping Report	*Level-Up Towers, Site ID: 468296, dated February 24, 2021*
Mount Analysis Report	*Maser Consulting Connecticut, Project #: 21777069A, dated April 1, 2021*
Mount Modification Drawings	*Maser Consulting Connecticut, Project #: 21777069A, dated May 6, 2021*

Analysis Criteria:

Codes and Standards:	ANSI/TIA-222-H	
Wind Parameters:	Basic Wind Speed (Ultimate 3-sec. Gust), V_{ULT}:	115 mph
	Ice Wind Speed (3-sec. Gust):	50 mph
	Design Ice Thickness:	1.00 in
	Risk Category:	II
	Exposure Category:	B
	Topographic Category:	1
	Topographic Feature Considered:	N/A
	Topographic Method:	N/A
	Ground Elevation Factor, K_e:	0.974
Seismic Parameters:	S_S:	0.179
	S_1:	0.054
Maintenance Parameters:	Wind Speed (3-sec. Gust):	30 mph
	Maintenance Live Load, Lv:	250 lbs.
	Maintenance Live Load, Lm:	500 lbs.
Analysis Software:	RISA-3D (V17)	

Final Loading Configuration:

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

Mount Elevation (ft)	Equipment Elevation (ft)	Quantity	Manufacturer	Model	Status
156.30	156.30	6	Quintel	QS6656-5D	Added
		3	Samsung	MT6407-77A	
		1	RFS	DB-C1-12C-24AB-0Z	
		3	Samsung	B2/B66A RRH-BRO49	
		3	Samsung	B5/B13 RRH-BRO4C	
		2	Amphenol Antel	LPA-80063-6CF 2	Retained
		2	Antel	LPA-80080-6CF	
		2	Amphenol Antel	LPA-80080-6CF-5	

Any proposed antennas not currently installed should be mounted such that the centerline of the antennas does not exceed 6 inches vertically from the center of the antenna mount.

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:
    - Channel, Solid Round, Angle, Plate — ASTM A36 (Gr. 36)
    - HSS (Rectangular) — ASTM 500 (Gr. B-46)
    - Pipe — ASTM A53 (Gr. B-35)
    - Threaded Rod — F1554 (Gr. 36)
    - Bolts — ASTM A325

8. Any mount modifications listed under Sources of Information are assumed to have been installed per the design specifications.

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

Analysis Results:

Component	Utilization %	Pass/Fail
Connection	72.0%	Pass
Standoff HSS	34.8%	Pass
Crossmember	21.8%	Pass
Corner Plate	39.0%	Pass
Cross Arm Plate	39.2%	Pass
Face Horizontal	16.7%	Pass
Mount Pipe	30.7%	Pass
Support Rail	14.5%	Pass
Support Rail Corner	9.6%	Pass

Structure Rating – *(Controlling Utilization of all Components)*	**72.0%**

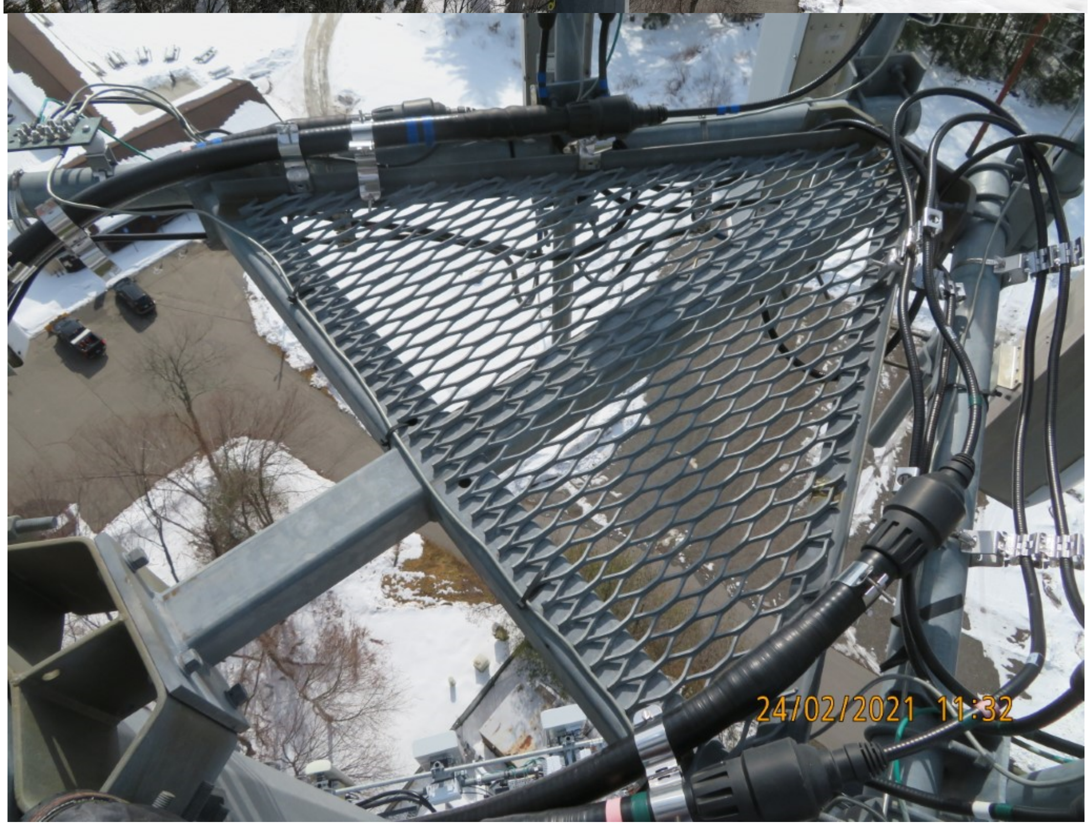
Recommendation:

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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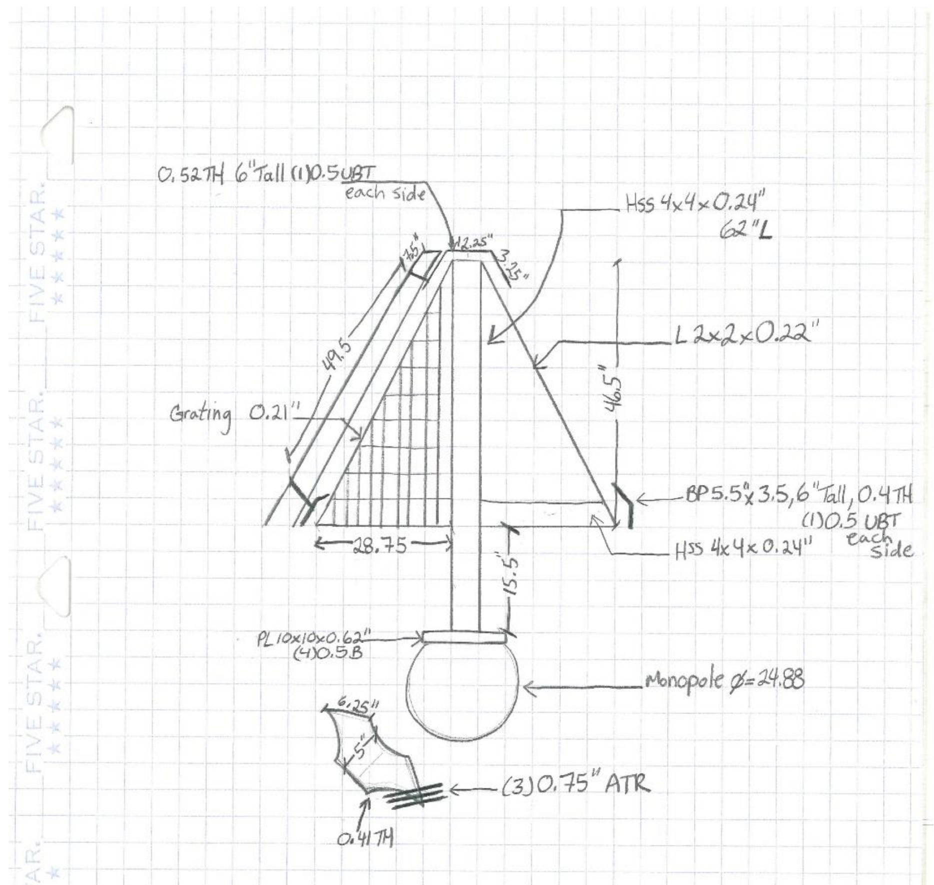
V3.0 Updated on 8-31-2020

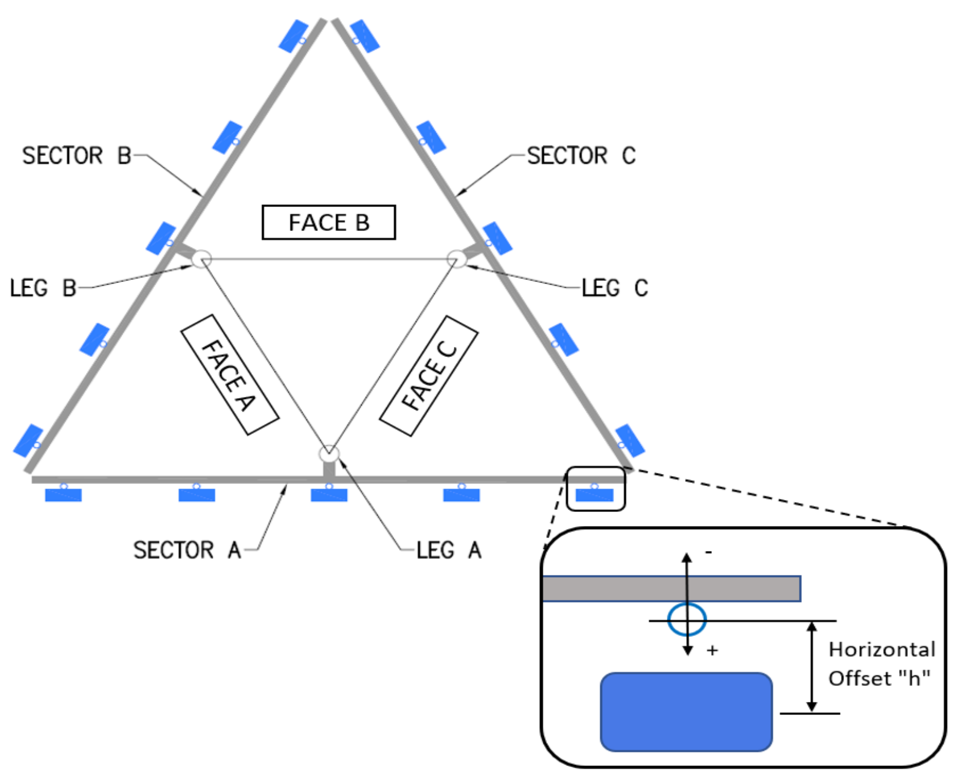
Antenna Mount Mapping Form (PATENT PENDING)

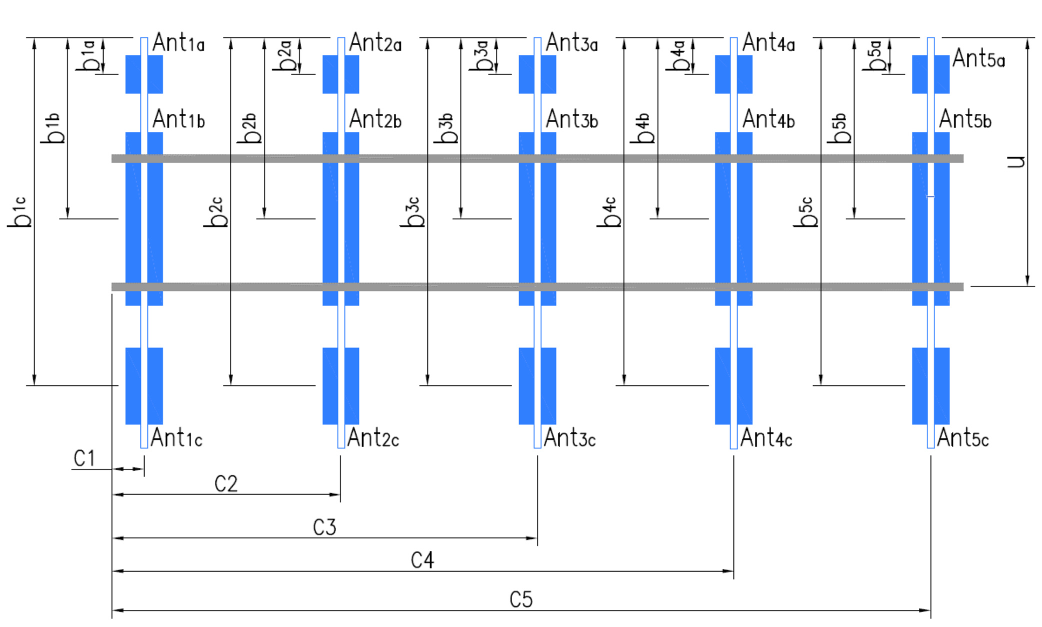
FCC #			
Tower Owner:	Crown Castle	**Mapping Date:**	2/24/2021
Site Name:	HARWINTON W CT	**Tower Type:**	Monopole
Site Number or ID:	468296	**Tower Height (Ft.):**	
Mapping Contractor:	Level-Up Towers	**Mount Elevation (Ft.):**	153



Mount Pipe Configuration and Geometries [Unit = Inches]

Sector / Position	Mount Pipe Size & Length	Vertical Offset Dimension "u"	Horizontal Offset "C1, C2, C3, etc."	Sector / Position	Mount Pipe Size & Length	Vertical Offset Dimension "u"	Horizontal Offset "C1, C2, C3, etc."
A1	P2.38x0.16", 72" Long	36.00	4.00	C1	P2.38x0.16", 72" Long	36.00	4.00
A2	P2.38x0.16", 72" Long	36.00	50.00	C2	P2.38x0.16", 72" Long	36.00	50.00
A3	P2.38x0.16", 72" Long	36.00	122.00	C3	P2.38x0.16", 72" Long	36.00	122.00
A4	P2.38x0.16", 72" Long	36.00	149.00	C4	P2.38x0.16", 72" Long	36.00	149.00
A5				C5			
A6				C6			
B1	P2.38x0.16", 72" Long	36.00	4.00	D1			
B2	P2.38x0.16", 72" Long	36.00	50.00	D2			
B3	P2.38x0.16", 72" Long	36.00	122.00	D3			
B4	P2.38x0.16", 72" Long	36.00	149.00	D4			
B5				D5			
B6				D6			
Distance between bottom rail and mount CL elevation (dim d). Unit is inches. See 'Mount Elev Ref' tab for details. :							
Distance from top of bottom support rail to lowest tip of ant./eqpt. of Carrier above. (N/A if > 10 ft.) :							6.6
Distance from top of bottom support rail to highest tip of ant./eqpt. of Carrier below. (N/A if > 10 ft.) :							
Please enter additional infomation or comments below.							
Tower Face Width at Mount Elev. (ft.):			Tower Leg Size or Pole Shaft Diameter at Mount Elev. (in.):				24.8



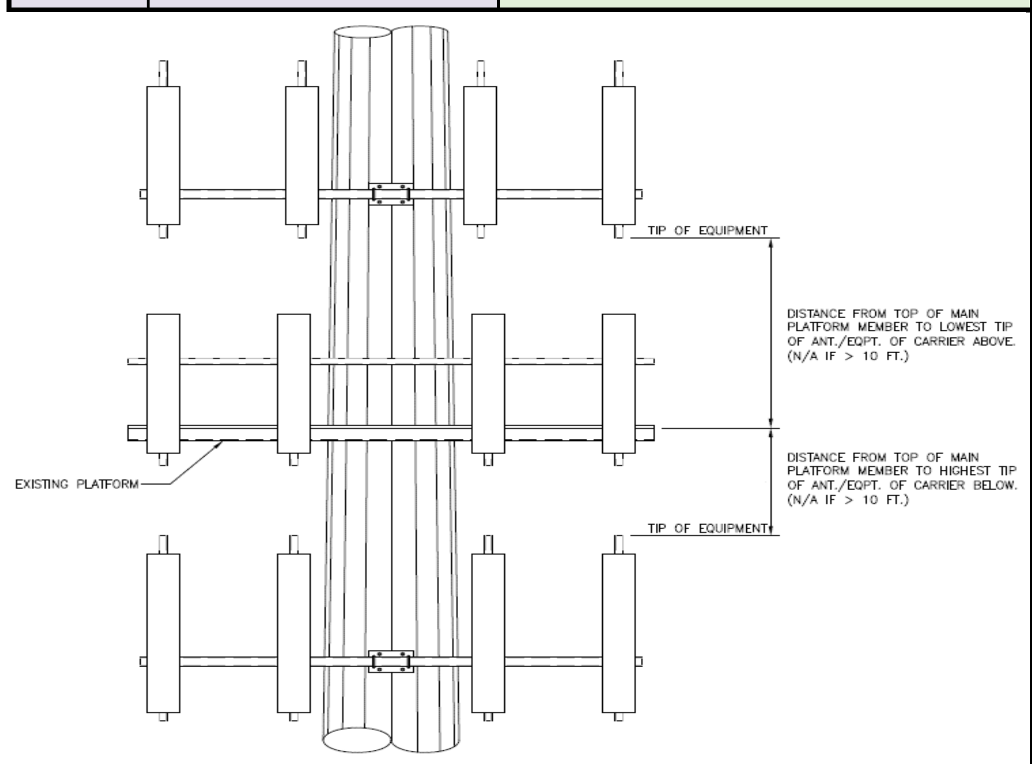


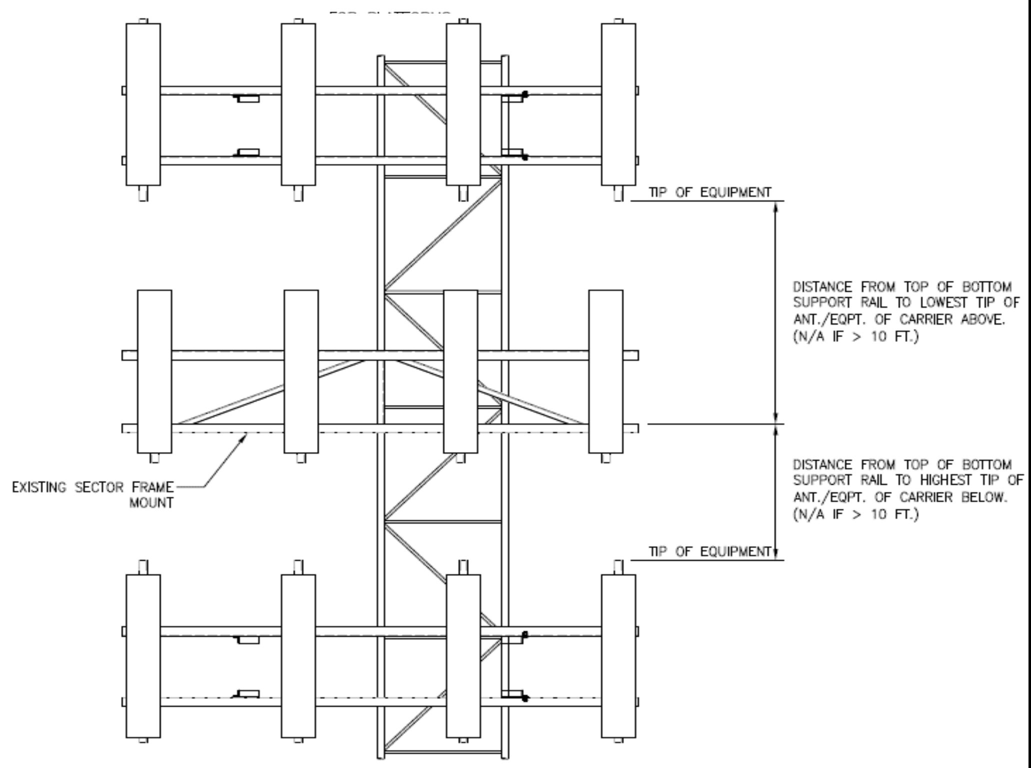
Antenna Layout (Looking Out From Tower)

Ants. Items	Antenna Models if Known	Width (in.)	Depth (in.)	Height (in.)	Coax Size and Qty	Antenna Center-line (Ft.)	Vertical Distances"b_{1a}, b_{2a}, b_{3a}, b_{1b}...." (Inches)	Horiz. Offset "h" (Use "-" if Ant. is behind)	Antenna Azimuth (Degrees)	Photo Numbers
	Enter antenna model. If not labeled, enter "Unknown".						Mounting Locations [Units are inches and degrees]			Photos of antennas
Sector A										
Ant_{1a}	Amphenol LPA80080/	14.00	6.00	72.00		153.417	31.00	18.00	30.00	102, 105
Ant_{1b}										
Ant_{1c}										
Ant_{2a}	Amphenol BXA70063/	11.00	5.00	69.00	(1) 1-5/8	152.917	37.00	10.00	30.00	108, 109
Ant_{2b}	RFS Diplexer	7.00	0.75	5.00	(1) 1-5/8	154.5	18.00	-3.00		
Ant_{2c}										
Ant_{3a}	Amphenol BXA17108!	6.00	4.00	48.00	(1) 1-5/8	153.917	25.00	7.00	30.00	114, 153
Ant_{3b}	RFS Diplexer	7.00	0.75	5.00	(1) 1-5/8	154.5	18.00	-3.00		116, 151
Ant_{3c}										
Ant_{4a}	Amphenol LPA80080/	15.00	12.00	72.00		153.25	33.00	16.00	30.00	119, 157
Ant_{4b}										
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										

Mount Azimuth (Degree) for Each Sector			Tower Leg Azimuth (Degree) for Each Sector		
Sector A:	30.00	Deg	Leg A:		Deg
Sector B:	150.00	Deg	Leg B:		Deg
Sector C:	270.00	Deg	Leg C:		Deg
Sector D:		Deg	Leg D:		Deg

Climbing Facility Information			
Location:		Deg	
Climbing Facility	Corrosion Type:		
	Access:		
	Condition:		





Sector B										
Ant$_{1a}$	Amphenol LPA80080/	14.00	6.00	72.00		153.417	31.00	18.00	150.00	102, 125
Ant$_{1b}$										
Ant$_{1c}$										
Ant$_{2a}$	Amphenol BXA70063/	11.00	5.00	69.00	(1) 1-5/8	152.917	37.00	10.00	150.00	108, 129
Ant$_{2b}$	RFS Diplexer	7.00	0.75	5.00	(1) 1-5/8	154.5	18.00	-3.00		
Ant$_{2c}$										
Ant$_{3a}$	Amphenol BXA17108	6.00	4.00	48.00	(1) 1-5/8	153.917	25.00	7.00	150.00	134, 153
Ant$_{3b}$	RFS Diplexer	7.00	0.75	5.00	(1) 1-5/8	154.5	18.00	-3.00		135, 151
Ant$_{3c}$										
Ant$_{4a}$	Amphenol LPA80080/	15.00	12.00	72.00		153.25	33.00	16.00	150.00	138, 157
Ant$_{4b}$										
Ant$_{4c}$										
Ant$_{5a}$										
Ant$_{5b}$										
Ant$_{5c}$										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										
Sector C										
Ant$_{1a}$	Amphenol LPA80080/	14.00	6.00	72.00		153.417	31.00	18.00	270.00	102, 145
Ant$_{1b}$										
Ant$_{1c}$										
Ant$_{2a}$	Amphenol BXA70063/	11.00	5.00	69.00	(1) 1-5/8	152.917	37.00	10.00	270.00	108, 146
Ant$_{2b}$	RFS Diplexer	7.00	0.75	5.00	(1) 1-5/8	154.5	18.00	-3.00		
Ant$_{2c}$										
Ant$_{3a}$	Amphenol BXA17108	6.00	4.00	48.00	(1) 1-5/8	153.917	25.00	7.00	270.00	152, 154
Ant$_{3b}$	RFS Diplexer	7.00	0.75	5.00	(1) 1-5/8	154.5	18.00	-3.00		151
Ant$_{3c}$										
Ant$_{4a}$	Amphenol LPA80080/	15.00	12.00	72.00		153.25	33.00	16.00	270.00	120, 157
Ant$_{4b}$										
Ant$_{4c}$										
Ant$_{5a}$										
Ant$_{5b}$										
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.

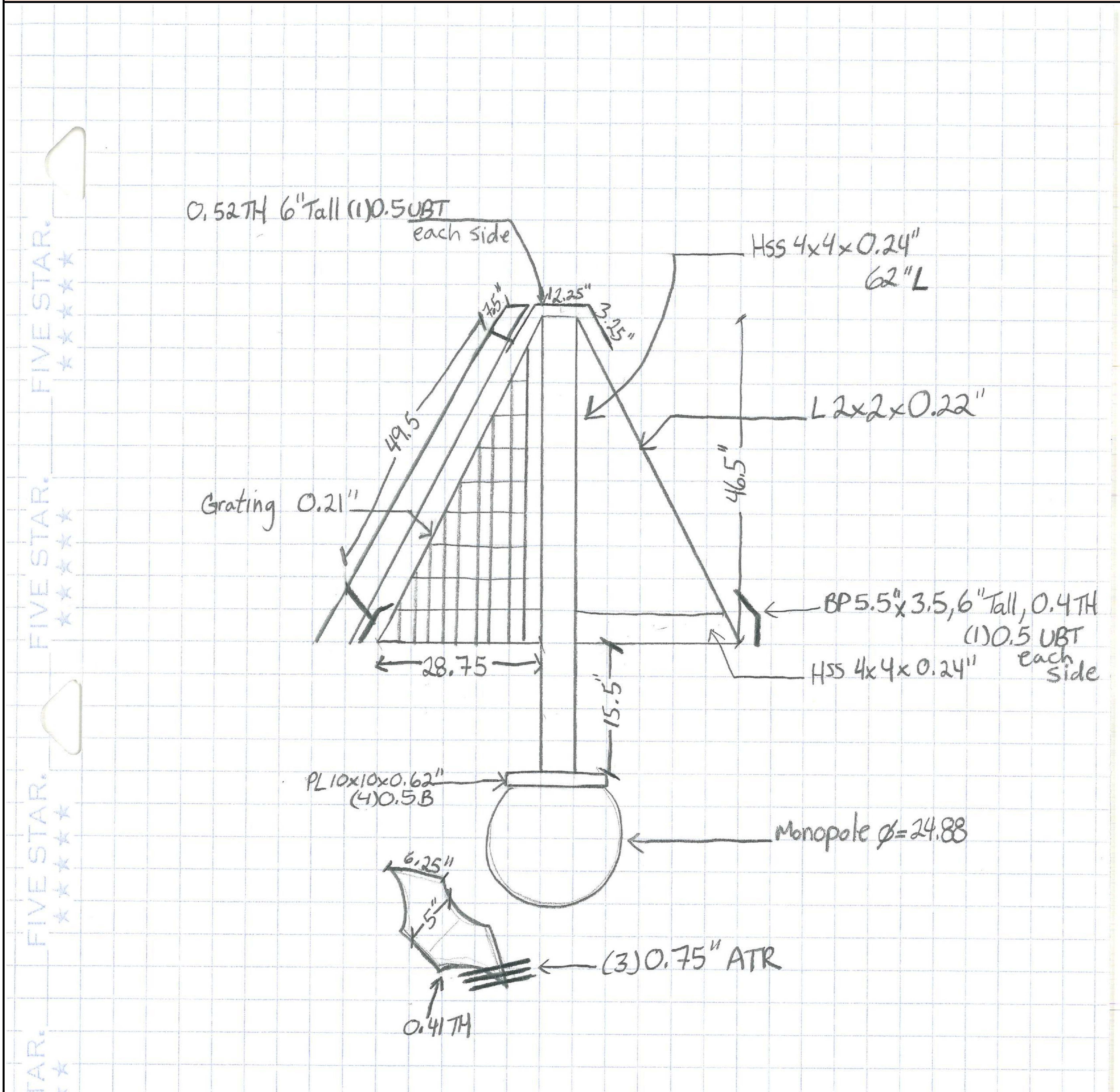
V3.0 Updated on 8-31-2020

Antenna Mount Mapping Form (PATENT PENDING)

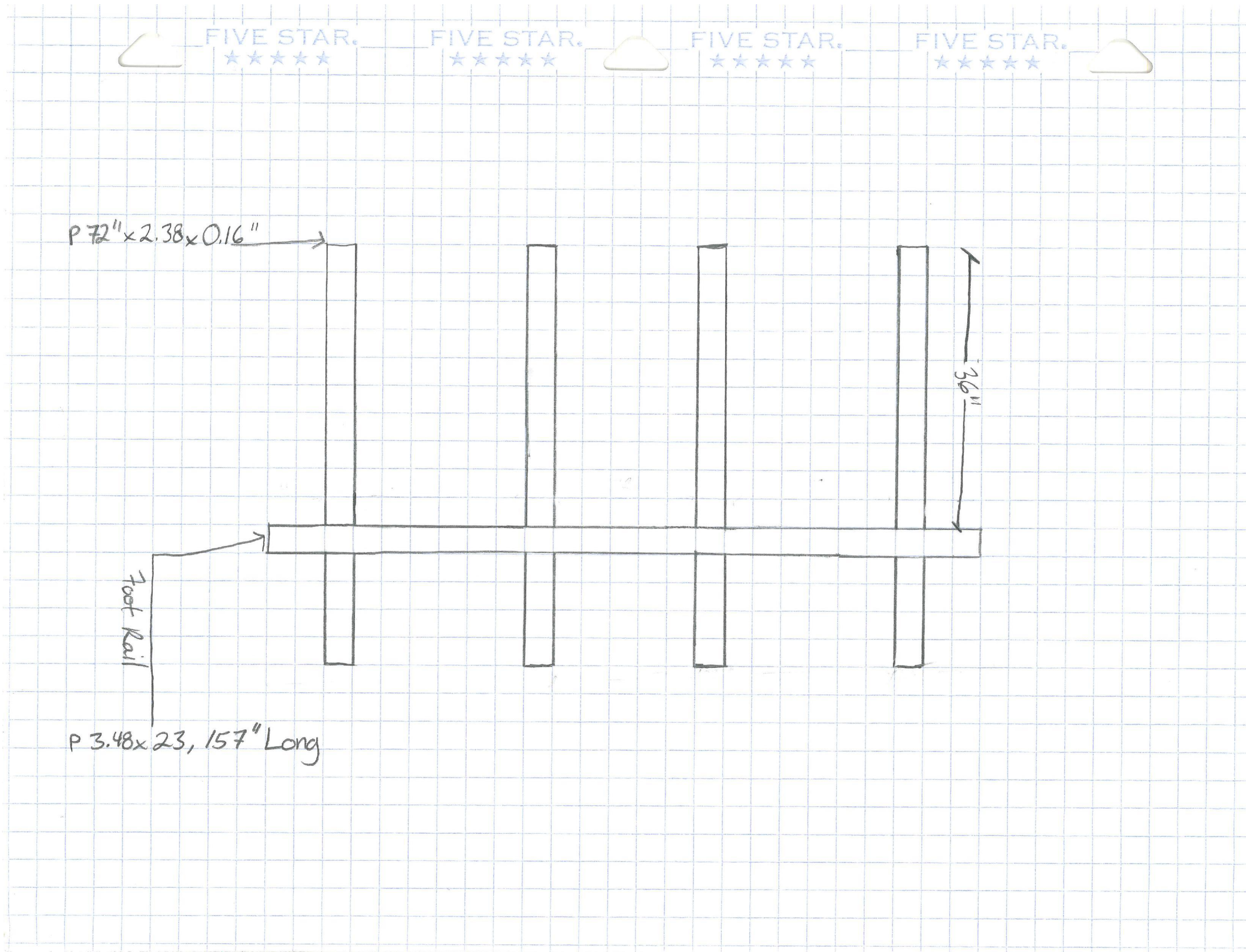
FCC #

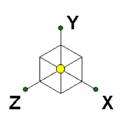
Tower Owner:	Crown Castle	**Mapping Date:**	2/24/2021
Site Name:	HARWINTON W CT	**Tower Type:**	Monopole
Site Number or ID:	468296	**Tower Height (Ft.):**	
Mapping Contractor:	Level-Up Towers	**Mount Elevation (Ft.):**	153

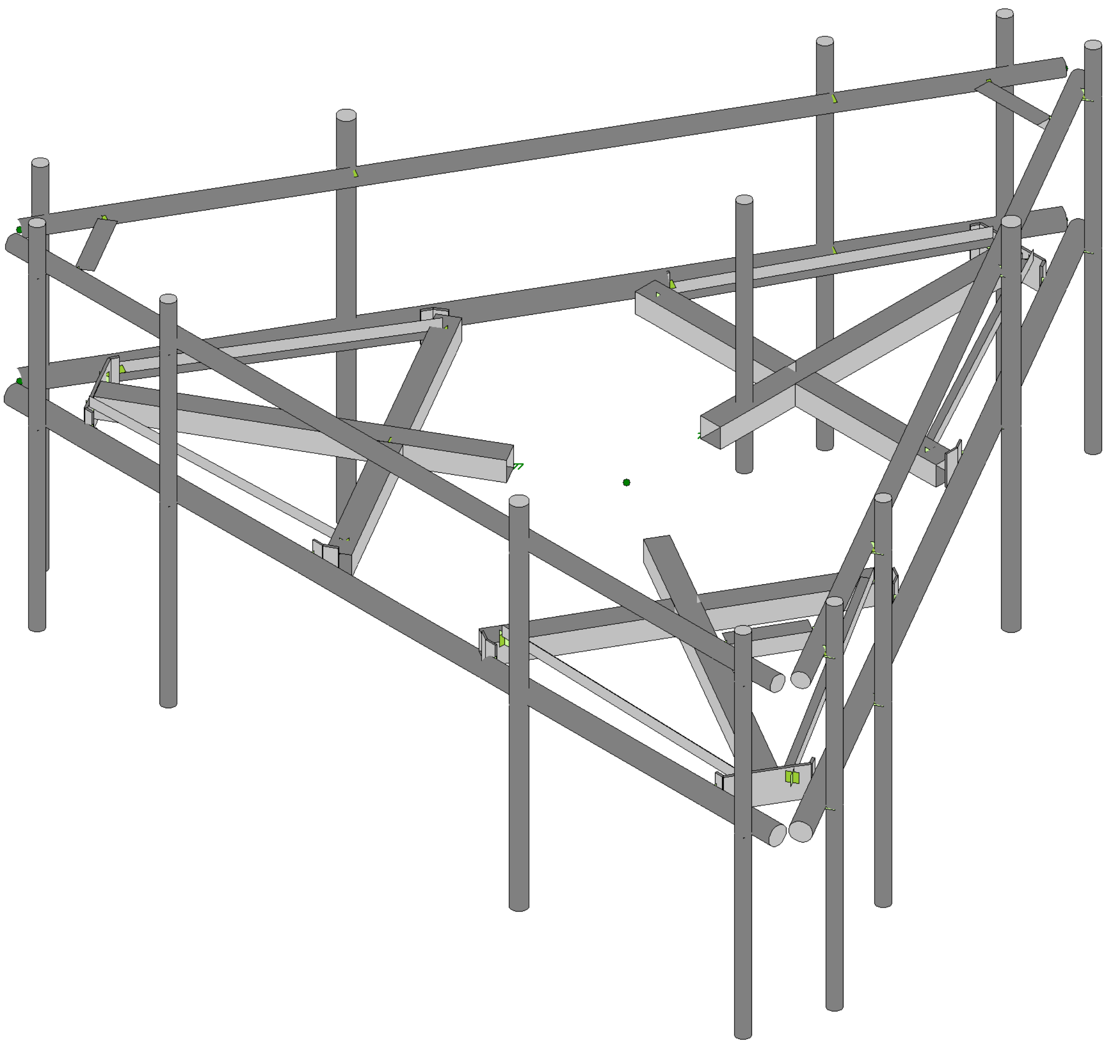
Please Insert Sketches of the Antenna Mount



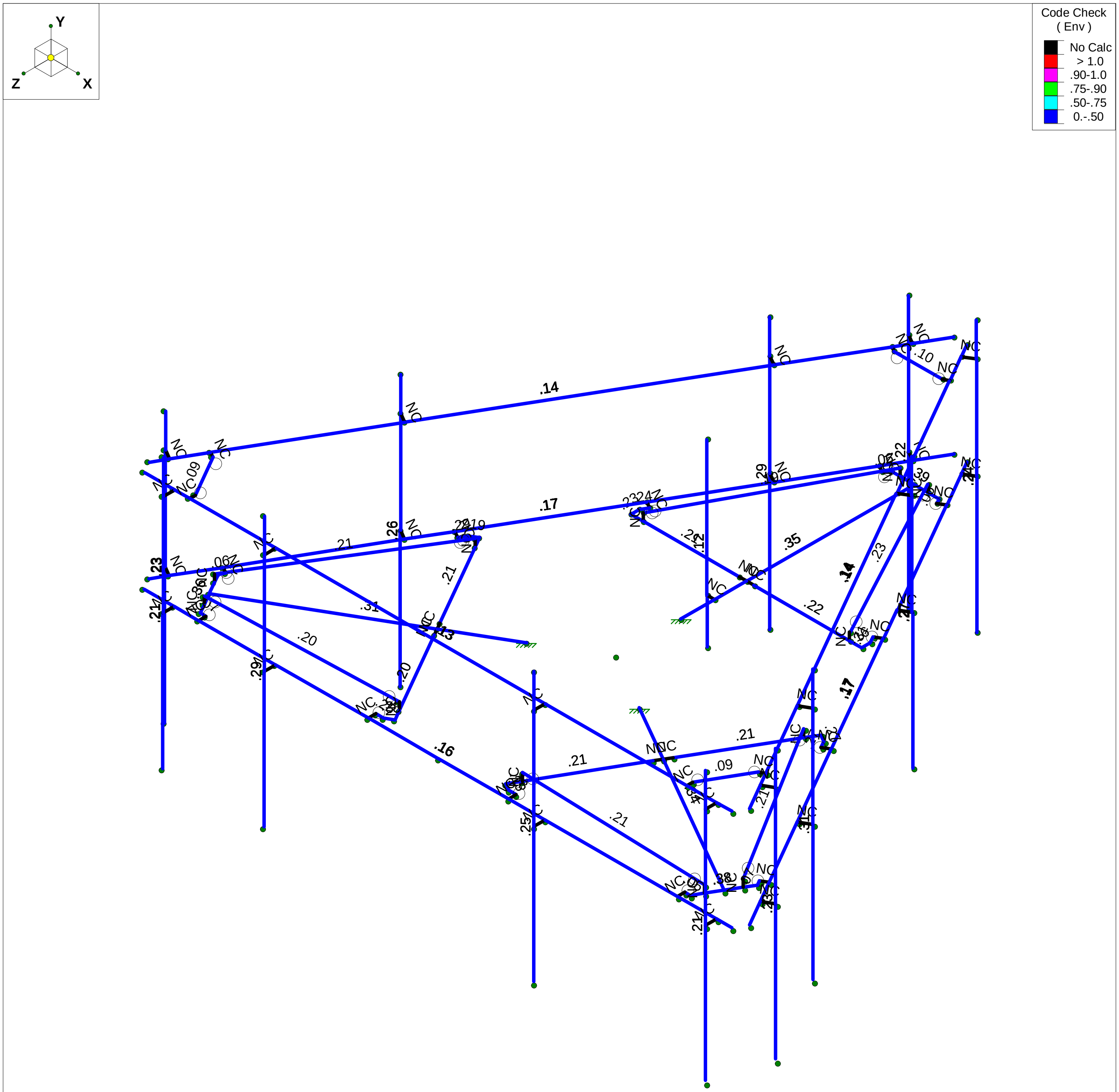
Please Insert Sketches of the Antenna Mount, cont'd





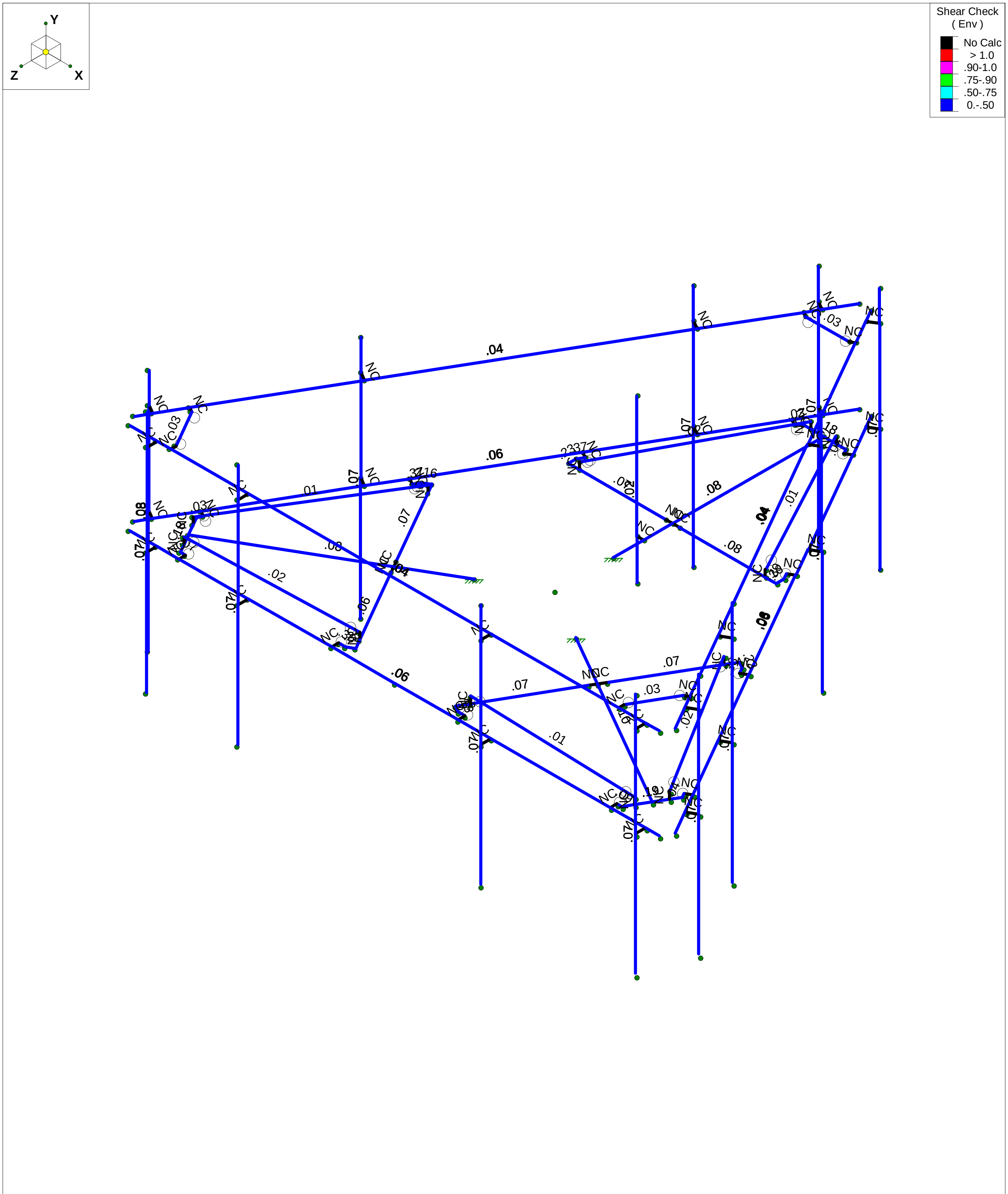


		SK - 1
		May 4, 2021 at 12:18 PM
		468296-VZW_MT_LO_H.r3d



Member Code Checks Displayed (Enveloped)
Envelope Only Solution

		SK - 2
		May 4, 2021 at 1:34 PM
		468296-VZW_MT_LO_H.r3d



Member Shear Checks Displayed (Enveloped)
Envelope Only Solution

		SK - 3
		May 4, 2021 at 1:34 PM
		468296-VZW_MT_LO_H.r3d

Basic Load Cases

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed	Area(Me...	Surface(P...
1	Antenna D	None					111			
2	Antenna Di	None					111			
3	Antenna Wo (0 Deg)	None					111			
4	Antenna Wo (30 Deg)	None					111			
5	Antenna Wo (60 Deg)	None					111			
6	Antenna Wo (90 Deg)	None					111			
7	Antenna Wo (120 Deg)	None					111			
8	Antenna Wo (150 Deg)	None					111			
9	Antenna Wo (180 Deg)	None					111			
10	Antenna Wo (210 Deg)	None					111			
11	Antenna Wo (240 Deg)	None					111			
12	Antenna Wo (270 Deg)	None					111			
13	Antenna Wo (300 Deg)	None					111			
14	Antenna Wo (330 Deg)	None					111			
15	Antenna Wi (0 Deg)	None					111			
16	Antenna Wi (30 Deg)	None					111			
17	Antenna Wi (60 Deg)	None					111			
18	Antenna Wi (90 Deg)	None					111			
19	Antenna Wi (120 Deg)	None					111			
20	Antenna Wi (150 Deg)	None					111			
21	Antenna Wi (180 Deg)	None					111			
22	Antenna Wi (210 Deg)	None					111			
23	Antenna Wi (240 Deg)	None					111			
24	Antenna Wi (270 Deg)	None					111			
25	Antenna Wi (300 Deg)	None					111			
26	Antenna Wi (330 Deg)	None					111			
27	Antenna Wm (0 Deg)	None					111			
28	Antenna Wm (30 Deg)	None					111			
29	Antenna Wm (60 Deg)	None					111			
30	Antenna Wm (90 Deg)	None					111			
31	Antenna Wm (120 De...	None					111			
32	Antenna Wm (150 De...	None					111			
33	Antenna Wm (180 De...	None					111			
34	Antenna Wm (210 De...	None					111			
35	Antenna Wm (240 De...	None					111			
36	Antenna Wm (270 De...	None					111			
37	Antenna Wm (300 De...	None					111			
38	Antenna Wm (330 De...	None					111			
39	Structure D	None		-1					3	
40	Structure Di	None						58	3	
41	Structure Wo (0 Deg)	None						116		
42	Structure Wo (30 Deg)	None						116		
43	Structure Wo (60 Deg)	None						116		
44	Structure Wo (90 Deg)	None						116		
45	Structure Wo (120 D...	None						116		
46	Structure Wo (150 D...	None						116		
47	Structure Wo (180 D...	None						116		
48	Structure Wo (210 D...	None						116		
49	Structure Wo (240 D...	None						116		
50	Structure Wo (270 D...	None						116		
51	Structure Wo (300 D...	None						116		

Basic Load Cases (Continued)

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed	Area(Me...	Surface(P...
52	Structure Wo (330 D...	None						116		
53	Structure Wi (0 Deg)	None						116		
54	Structure Wi (30 Deg)	None						116		
55	Structure Wi (60 Deg)	None						116		
56	Structure Wi (90 Deg)	None						116		
57	Structure Wi (120 De...	None						116		
58	Structure Wi (150 De...	None						116		
59	Structure Wi (180 De...	None						116		
60	Structure Wi (210 De...	None						116		
61	Structure Wi (240 De...	None						116		
62	Structure Wi (270 De...	None						116		
63	Structure Wi (300 De...	None						116		
64	Structure Wi (330 De...	None						116		
65	Structure Wm (0 Deg)	None						116		
66	Structure Wm (30 D...	None						116		
67	Structure Wm (60 D...	None						116		
68	Structure Wm (90 D...	None						116		
69	Structure Wm (120 ...	None						116		
70	Structure Wm (150 ...	None						116		
71	Structure Wm (180 ...	None						116		
72	Structure Wm (210 ...	None						116		
73	Structure Wm (240 ...	None						116		
74	Structure Wm (270 ...	None						116		
75	Structure Wm (300 ...	None						116		
76	Structure Wm (330 ...	None						116		
77	Lm1	None					1			
78	Lm2	None					1			
79	Lv1	None					1			
80	Lv2	None					1			
81	BLC 39 Transient Are...	None						30		
82	BLC 40 Transient Are...	None						30		

Load Combinations

	Description	Solve	PDelta	S...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...
1	1.2D+1.0Wo (0...	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								

Load Combinations (Continued)

	Description	Solve	PDelta	S...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...
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										
43	1.2D + 1.5Lm2 ...	Yes	Y		1	1.2	39	1.2	78	1.5	33	1	71	1										
44	1.2D + 1.5Lm2 ...	Yes	Y		1	1.2	39	1.2	78	1.5	34	1	72	1										
45	1.2D + 1.5Lm2 ...	Yes	Y		1	1.2	39	1.2	78	1.5	35	1	73	1										
46	1.2D + 1.5Lm2 ...	Yes	Y		1	1.2	39	1.2	78	1.5	36	1	74	1										
47	1.2D + 1.5Lm2 ...	Yes	Y		1	1.2	39	1.2	78	1.5	37	1	75	1										
48	1.2D + 1.5Lm2 ...	Yes	Y		1	1.2	39	1.2	78	1.5	38	1	76	1										
49	1.2D + 1.5Lv1	Yes	Y		1	1.2	39	1.2	79	1.5														
50	1.2D + 1.5Lv2	Yes	Y		1	1.2	39	1.2	80	1.5														
51	1.4D	Yes	Y		1	1.4	39	1.4																
52	Seismic Mass		Y		1	1	39	1																
53	1.2D + 1.0Ev + ...		Y		1	1.2	39	1.2	SX		SY	1	SZ	-1										
54	1.2D + 1.0Ev + ...		Y		1	1.2	39	1.2	SX	.5	SY	1	SZ	-.866										
55	1.2D + 1.0Ev + ...		Y		1	1.2	39	1.2	SX	.866	SY	1	SZ	-.5										
56	1.2D + 1.0Ev + ...		Y		1	1.2	39	1.2	SX	1	SY	1	SZ											
57	1.2D + 1.0Ev + ...		Y		1	1.2	39	1.2	SX	.866	SY	1	SZ	.5										
58	1.2D + 1.0Ev + ...		Y		1	1.2	39	1.2	SX	.5	SY	1	SZ	.866										
59	1.2D + 1.0Ev + ...		Y		1	1.2	39	1.2	SX		SY	1	SZ	1										
60	1.2D + 1.0Ev + ...		Y		1	1.2	39	1.2	SX	-.5	SY	1	SZ	.866										
61	1.2D + 1.0Ev + ...		Y		1	1.2	39	1.2	SX	-.866	SY	1	SZ	.5										
62	1.2D + 1.0Ev + ...		Y		1	1.2	39	1.2	SX	-1	SY	1	SZ											
63	1.2D + 1.0Ev + ...		Y		1	1.2	39	1.2	SX	-.866	SY	1	SZ	-.5										
64	1.2D + 1.0Ev + ...		Y		1	1.2	39	1.2	SX	-.5	SY	1	SZ	-.866										

Joint Coordinates and Temperatures

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
1	CP	0	0	0	0	
2	N112A	0.	0	-1.449997	0	
3	N113A	0.	0	-2.908334	0	
4	N114	0.	0	-6.616667	0	
5	N115	-2.572908	0	-2.908334	0	
6	N116A	2.299372	0.166667	-2.908334	0	
7	N117	-2.299368	0.166667	-2.908334	0	
8	N119	2.299372	0	-2.908334	0	
9	N120B	-2.299368	0	-2.908334	0	
10	N121	0.316678	0.166667	-6.616072	0	
11	N122	-0.315987	0.166667	-6.617261	0	
12	N123	0.317021	0	-6.616667	0	
13	N124A	-0.31633	0	-6.616667	0	
14	N125	2.572911	0	-2.908334	0	
15	N126	-0.166665	0	-2.908334	0	
16	N127	0.166669	0	-2.908334	0	
17	N128	0.546877	0	-6.616667	0	
18	N129	-0.546873	0	-6.616667	0	
19	N130	-2.572908	0	-3.095834	0	
20	N131	2.572911	0	-3.095834	0	
21	N132	-2.489574	0	-3.240172	0	
22	N134	-0.609373	0	-6.508414	0	
23	N135	-0.750998	0	-6.590181	0	
24	N136	2.489578	0	-3.240172	0	
25	N138	0.609377	0	-6.508414	0	
26	N139	0.750999	0	-6.590179	0	
27	N170A	-1.255735	0	0.724999	0	
28	N171A	-2.518688	0	1.454165	0	
29	N172A	-5.730202	0	3.308333	0	
30	N173A	-1.232237	0	3.68237	0	
31	N174A	-3.668377	0.166667	-0.537147	0	
32	N175A	-1.369007	0.166667	3.445478	0	
33	N176A	-3.668377	0	-0.537147	0	
34	N177A	-1.369007	0	3.445478	0	
35	N178A	-5.888025	0.166667	3.033785	0	
36	N179A	-5.572723	0.166667	3.582283	0	
37	N180A	-5.888712	0	3.033785	0	
38	N181A	-5.572037	0	3.582283	0	
39	N182A	-3.805147	0	-0.77404	0	
40	N183A	-2.435359	0	1.598503	0	
41	N184A	-2.602026	0	1.309828	0	
42	N185A	-6.00364	0	2.834724	0	
43	N186A	-5.456765	0	3.781939	0	
44	N187A	-1.394617	0	3.77612	0	
45	N188A	-3.967527	0	-0.68029	0	
46	N189A	-1.561284	0	3.77612	0	
47	N191A	-5.331765	0	3.781939	0	
48	N192A	-5.331765	0	3.945474	0	
49	N193A	-4.05086	0	-0.535952	0	
50	N195A	-5.94114	0	2.726471	0	
51	N196A	-6.082762	0	2.644705	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
52	N198A	1.255735	0	0.724999	0	
53	N199A	2.518688	0	1.454165	0	
54	N200A	5.730202	0	3.308333	0	
55	N201A	3.805145	0	-0.774036	0	
56	N202A	1.369005	0.166667	3.445481	0	
57	N203A	3.668375	0.166667	-0.537144	0	
58	N204A	1.369005	0	3.445481	0	
59	N205A	3.668375	0	-0.537144	0	
60	N206A	5.571347	0.166667	3.582287	0	
61	N207A	5.88871	0.166667	3.034978	0	
62	N208A	5.571691	0	3.582882	0	
63	N209A	5.888367	0	3.034384	0	
64	N210A	1.232236	0	3.682374	0	
65	N211A	2.602024	0	1.309831	0	
66	N212A	2.435357	0	1.598506	0	
67	N213A	5.456763	0	3.781943	0	
68	N214A	6.003638	0	2.834728	0	
69	N215A	3.967525	0	-0.680286	0	
70	N216A	1.394615	0	3.776124	0	
71	N217A	4.050858	0	-0.535949	0	
72	N219A	5.941138	0	2.726474	0	
73	N220A	6.082763	0	2.644707	0	
74	N221A	1.561282	0	3.776124	0	
75	N223A	5.331763	0	3.781943	0	
76	N224A	5.331763	0	3.945474	0	
77	N223B	-6.541666	0	3.945474	0	
78	N224B	6.541651	0	3.945474	0	
79	N225A	-5.875008	0	3.945474	0	
80	N226A	-3.625016	0	3.945474	0	
81	N227A	2.374984	0	3.945474	0	
82	N229A	-5.875008	0	4.195474	0	
83	N230A	-3.625016	0	4.195474	0	
84	N231A	2.374984	0	4.195474	0	
85	N233A	-5.875008	3	4.195474	0	
86	N234A	-3.625016	3	4.195474	0	
87	N235A	2.374984	3	4.195474	0	
88	N237A	-5.875008	-3	4.195474	0	
89	N238A	-3.625016	-3	4.195474	0	
90	N239A	2.374984	-3	4.195474	0	
91	N241A	-1.561284	0	3.945474	0	
92	N240B	1.561282	0	3.945474	0	
93	N238B	0.	0	3.945474	0	
94	N98	6.208317	0	3.945474	0	
95	N99	6.208317	0	4.195474	0	
96	N100	6.208317	3	4.195474	0	
97	N101	6.208317	-3	4.195474	0	
98	N105	6.687714	0	3.692512	0	
99	N106	0.146055	0	-7.637973	0	
100	N107	6.354385	0	3.115169	0	
101	N108	5.229389	0	1.166619	0	
102	N109	2.229389	0	-4.029534	0	
103	N110	6.570891	0	2.990169	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
104	N111	5.445895	0	1.041619	0	
105	N112	2.445895	0	-4.154534	0	
106	N113	6.570891	3	2.990169	0	
107	N114A	5.445895	3	1.041619	0	
108	N115A	2.445895	3	-4.154534	0	
109	N116	6.570891	-3	2.990169	0	
110	N117A	5.445895	-3	1.041619	0	
111	N118	2.445895	-3	-4.154534	0	
112	N119A	4.197523	0	-0.620626	0	
113	N120	2.636239	0	-3.324849	0	
114	N121A	0.312722	0	-7.349298	0	
115	N122A	0.529228	0	-7.474298	0	
116	N123A	0.529228	3	-7.474298	0	
117	N124	0.529228	-3	-7.474298	0	
118	N132A	-0.146048	0	-7.637986	0	
119	N133	-6.687706	0	3.692499	0	
120	N134A	-0.479377	0	-7.060643	0	
121	N135A	-1.604373	0	-5.112093	0	
122	N136A	-4.604373	0	0.08406	0	
123	N137	-0.695883	0	-7.185643	0	
124	N138A	-1.820879	0	-5.237093	0	
125	N139A	-4.820879	0	-0.04094	0	
126	N140	-0.695883	3	-7.185643	0	
127	N141	-1.820879	3	-5.237093	0	
128	N142	-4.820879	3	-0.04094	0	
129	N143	-0.695883	-3	-7.185643	0	
130	N144	-1.820879	-3	-5.237093	0	
131	N145	-4.820879	-3	-0.04094	0	
132	N146	-2.636239	0	-3.324848	0	
133	N147	-4.197523	0	-0.620625	0	
134	N148	-6.521039	0	3.403824	0	
135	N149	-6.737546	0	3.278824	0	
136	N150	-6.737546	3	3.278824	0	
137	N151	-6.737546	-3	3.278824	0	
138	N138B	0.	0	-2.200001	0	
139	N139B	-0.166667	3	-2.200001	0	
140	N140A	-0.166667	-1	-2.200001	0	
141	N141A	-0.166667	0	-2.200001	0	
142	N142A	-0.146048	2.25	-7.637986	0	
143	N143A	-6.687706	2.25	3.692499	0	
144	N144A	-0.479377	2.25	-7.060643	0	
145	N145A	-1.604373	2.25	-5.112093	0	
146	N146A	-4.604373	2.25	0.08406	0	
147	N147A	-0.695883	2.25	-7.185643	0	
148	N148A	-1.820879	2.25	-5.237093	0	
149	N149A	-4.820879	2.25	-0.04094	0	
150	N150A	-6.521039	2.25	3.403824	0	
151	N151A	-6.737546	2.25	3.278824	0	
152	N153	-6.541666	2.25	3.945474	0	
153	N154	6.541651	2.25	3.945474	0	
154	N155	-5.875008	2.25	3.945474	0	
155	N156	-3.625016	2.25	3.945474	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
156	N157	2.374984	2.25	3.945474	0	
157	N158	-5.875008	2.25	4.195474	0	
158	N159	-3.625016	2.25	4.195474	0	
159	N160	2.374984	2.25	4.195474	0	
160	N161	6.208317	2.25	3.945474	0	
161	N162	6.208317	2.25	4.195474	0	
162	N164	6.687714	2.25	3.692512	0	
163	N165	0.146055	2.25	-7.637973	0	
164	N166	6.354385	2.25	3.115169	0	
165	N167	5.229389	2.25	1.166619	0	
166	N168	2.229389	2.25	-4.029534	0	
167	N169	6.570891	2.25	2.990169	0	
168	N170	5.445895	2.25	1.041619	0	
169	N171	2.445895	2.25	-4.154534	0	
170	N172	0.312722	2.25	-7.349298	0	
171	N173	0.529228	2.25	-7.474298	0	
172	N172B	5.541651	2.25	3.945474	0	
173	N173B	5.541651	2.25	3.820474	0	
174	N174	-5.541651	2.25	3.945474	0	
175	N175	-5.541651	2.25	3.820474	0	
176	N176	0.646055	2.25	-6.771948	0	
177	N177	0.537802	2.25	-6.709448	0	
178	N178	6.187706	2.25	2.826474	0	
179	N179	6.079453	2.25	2.888974	0	
180	N180	-6.187706	2.25	2.826474	0	
181	N181	-6.079453	2.25	2.888974	0	
182	N182	-0.646055	2.25	-6.771948	0	
183	N183	-0.537802	2.25	-6.709448	0	

Hot Rolled Steel Section Sets

	Label	Shape	Type	Design List	Material	Design Rul...	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	RECT	A36 Gr.36	Typical	3	.063	9	.237
4	Platform Crossmem...	HSS4X4X3	Beam	Tube	A500 Gr.B ...	Typical	2.58	6.21	6.21	10
5	Grating Support	L2x2x3	Beam	Single Angle	A36 Gr.36	Typical	.722	.271	.271	.009
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	Dual Antenna MP P...	PIPE_2.5	Column	Pipe	A53 Gr.B	Typical	1.61	1.45	1.45	2.89
9	Mod Support Rail	PIPE_2.5	Beam	Pipe	A53 Gr.B	Typical	1.61	1.45	1.45	2.89
10	Mod Support Rail Co...	L3X3X4	Beam	Single Angle	A36 Gr.36	Typical	1.44	1.23	1.23	.031

Hot Rolled Steel Properties

	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

Hot Rolled Steel Properties (Continued)

	Label	E [ksi]	G [ksi]	Nu	Therm (/1E..	Density[k/ft...	Yield[ksi]	Ry	Fu[ksi]	Rt
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

Member Primary Data

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
1	M72A	N112A	N114			Standoff Horiz...	Beam	SquareTube	A500 Gr.B...	Typical
2	M73	N125	N127			Platform Cross...	Beam	Tube	A500 Gr.B...	Typical
3	M74	N126	N115			Platform Cross...	Beam	Tube	A500 Gr.B...	Typical
4	M75	N129	N128			Corner Plate	Beam	RECT	A36 Gr.36	Typical
5	M76	N117	N120B			RIGID	None	None	RIGID	Typical
6	M77	N116A	N119			RIGID	None	None	RIGID	Typical
7	M78	N121	N116A			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
8	M79	N117	N122			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
9	M80	N122	N124A			RIGID	None	None	RIGID	Typical
10	M81	N121	N123			RIGID	None	None	RIGID	Typical
11	M82	N126	N113A			RIGID	None	None	RIGID	Typical
12	M83	N113A	N127			RIGID	None	None	RIGID	Typical
13	M84	N115	N130			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
14	M85	N130	N132			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
15	M87A	N129	N134			Corner Plate	Beam	RECT	A36 Gr.36	Typical
16	M88	N134	N135			RIGID	None	None	RIGID	Typical
17	M89A	N125	N131			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
18	M90A	N131	N136			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
19	M92	N128	N138			Corner Plate	Beam	RECT	A36 Gr.36	Typical
20	M93A	N138	N139			RIGID	None	None	RIGID	Typical
21	M117A	N170A	N172A			Standoff Horiz...	Beam	SquareTube	A500 Gr.B...	Typical
22	M118A	N182A	N184A			Platform Cross...	Beam	Tube	A500 Gr.B...	Typical
23	M119A	N183A	N173A			Platform Cross...	Beam	Tube	A500 Gr.B...	Typical
24	M120A	N186A	N185A			Corner Plate	Beam	RECT	A36 Gr.36	Typical
25	M121A	N175A	N177A			RIGID	None	None	RIGID	Typical
26	M122A	N174A	N176A			RIGID	None	None	RIGID	Typical
27	M123A	N178A	N174A			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
28	M124A	N175A	N179A			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
29	M125A	N179A	N181A			RIGID	None	None	RIGID	Typical
30	M126A	N178A	N180A			RIGID	None	None	RIGID	Typical
31	M127A	N183A	N171A			RIGID	None	None	RIGID	Typical
32	M128A	N171A	N184A			RIGID	None	None	RIGID	Typical
33	M129A	N173A	N187A			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
34	M130A	N187A	N189A			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
35	M131A	N189A	N241A			RIGID	None	None	RIGID	Typical
36	M132A	N186A	N191A			Corner Plate	Beam	RECT	A36 Gr.36	Typical
37	M133A	N191A	N192A			RIGID	None	None	RIGID	Typical
38	M134A	N182A	N188A			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
39	M135A	N188A	N193A			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
40	M137A	N185A	N195A			Corner Plate	Beam	RECT	A36 Gr.36	Typical
41	M138A	N195A	N196A			RIGID	None	None	RIGID	Typical
42	M139A	N198A	N200A			Standoff Horiz...	Beam	SquareTube	A500 Gr.B...	Typical
43	M140A	N210A	N212A			Platform Cross...	Beam	Tube	A500 Gr.B...	Typical
44	M141A	N211A	N201A			Platform Cross...	Beam	Tube	A500 Gr.B...	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
45	M142A	N214A	N213A			Corner Plate	Beam	RECT	A36 Gr.36	Typical
46	M143A	N203A	N205A			RIGID	None	None	RIGID	Typical
47	M144A	N202A	N204A			RIGID	None	None	RIGID	Typical
48	M145A	N206A	N202A			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
49	M146A	N203A	N207A			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
50	M147A	N207A	N209A			RIGID	None	None	RIGID	Typical
51	M148A	N206A	N208A			RIGID	None	None	RIGID	Typical
52	M149A	N211A	N199A			RIGID	None	None	RIGID	Typical
53	M150A	N199A	N212A			RIGID	None	None	RIGID	Typical
54	M151A	N201A	N215A			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
55	M152A	N215A	N217A			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
56	M154A	N214A	N219A			Corner Plate	Beam	RECT	A36 Gr.36	Typical
57	M155A	N219A	N220A			RIGID	None	None	RIGID	Typical
58	M156A	N210A	N216A			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
59	M157A	N216A	N221A			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
60	M158A	N221A	N240B			RIGID	None	None	RIGID	Typical
61	M159A	N213A	N223A			Corner Plate	Beam	RECT	A36 Gr.36	Typical
62	M160A	N223A	N224A			RIGID	None	None	RIGID	Typical
63	M161A	N224B	N223B			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
64	M162A	N225A	N229A			RIGID	None	None	RIGID	Typical
65	M163A	N226A	N230A			RIGID	None	None	RIGID	Typical
66	M164A	N227A	N231A			RIGID	None	None	RIGID	Typical
67	MP2A	N235A	N239A			Dual Antenna ...	Column	Pipe	A53 Gr.B	Typical
68	MP3A	N234A	N238A			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
69	MP4A	N233A	N237A			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
70	M74A	N98	N99			RIGID	None	None	RIGID	Typical
71	MP1A	N100	N101			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
72	M72	N217A	N119A			RIGID	None	None	RIGID	Typical
73	M74B	N136	N120			RIGID	None	None	RIGID	Typical
74	M76A	N106	N105			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
75	M77A	N107	N110			RIGID	None	None	RIGID	Typical
76	M78A	N108	N111			RIGID	None	None	RIGID	Typical
77	M79A	N109	N112			RIGID	None	None	RIGID	Typical
78	MP2C	N115A	N118			Dual Antenna ...	Column	Pipe	A53 Gr.B	Typical
79	MP3C	N114A	N117A			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
80	MP4C	N113	N116			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
81	M83A	N121A	N122A			RIGID	None	None	RIGID	Typical
82	MP1C	N123A	N124			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
83	M85A	N132	N146			RIGID	None	None	RIGID	Typical
84	M87	N193A	N147			RIGID	None	None	RIGID	Typical
85	M89	N133	N132A			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
86	M90	N134A	N137			RIGID	None	None	RIGID	Typical
87	M91	N135A	N138A			RIGID	None	None	RIGID	Typical
88	M92A	N136A	N139A			RIGID	None	None	RIGID	Typical
89	MP2B	N142	N145			Dual Antenna ...	Column	Pipe	A53 Gr.B	Typical
90	MP3B	N141	N144			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
91	MP4B	N140	N143			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
92	M96	N148	N149			RIGID	None	None	RIGID	Typical
93	MP1B	N150	N151			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
94	M94A	N138B	N141A			RIGID	None	None	RIGID	Typical
95	M95A	N139B	N140A			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
96	M96A	N143A	N142A			Mod Support ...	Beam	Pipe	A53 Gr.B	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
97	M97	N144A	N147A			RIGID	None	None	RIGID	Typical
98	M98	N145A	N148A			RIGID	None	None	RIGID	Typical
99	M99	N146A	N149A			RIGID	None	None	RIGID	Typical
100	M100	N150A	N151A			RIGID	None	None	RIGID	Typical
101	M101	N154	N153			Mod Support ...	Beam	Pipe	A53 Gr.B	Typical
102	M102	N155	N158			RIGID	None	None	RIGID	Typical
103	M103	N156	N159			RIGID	None	None	RIGID	Typical
104	M104	N157	N160			RIGID	None	None	RIGID	Typical
105	M105	N161	N162			RIGID	None	None	RIGID	Typical
106	M106	N165	N164			Mod Support ...	Beam	Pipe	A53 Gr.B	Typical
107	M107	N166	N169			RIGID	None	None	RIGID	Typical
108	M108	N167	N170			RIGID	None	None	RIGID	Typical
109	M109	N168	N171			RIGID	None	None	RIGID	Typical
110	M110	N172	N173			RIGID	None	None	RIGID	Typical
111	M111	N172B	N173B			RIGID	None	None	RIGID	Typical
112	M112	N174	N175			RIGID	None	None	RIGID	Typical
113	M113	N176	N177			RIGID	None	None	RIGID	Typical
114	M114	N178	N179			RIGID	None	None	RIGID	Typical
115	M115	N180	N181			RIGID	None	None	RIGID	Typical
116	M116	N182	N183			RIGID	None	None	RIGID	Typical
117	M117	N173B	N179		180	Mod Support ...	Beam	Single Angle	A36 Gr.36	Typical
118	M118	N177	N183		180	Mod Support ...	Beam	Single Angle	A36 Gr.36	Typical
119	M119	N181	N175		180	Mod Support ...	Beam	Single Angle	A36 Gr.36	Typical

Member Advanced Data

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
1	M72A						Yes	Default			None
2	M73						Yes				None
3	M74						Yes				None
4	M75						Yes				None
5	M76						Yes	** NA **			None
6	M77						Yes	** NA **			None
7	M78	OOOOOX	OOOOOX				Yes				None
8	M79	OOOOOX	OOOOOX				Yes				None
9	M80						Yes	** NA **			None
10	M81						Yes	** NA **			None
11	M82						Yes	** NA **			None
12	M83						Yes	** NA **			None
13	M84						Yes	** NA **			None
14	M85						Yes	** NA **			None
15	M87A						Yes				None
16	M88		BenPIN				Yes	** NA **			None
17	M89A						Yes	** NA **			None
18	M90A						Yes	** NA **			None
19	M92						Yes				None
20	M93A		BenPIN				Yes	** NA **			None
21	M117A						Yes	Default			None
22	M118A						Yes				None
23	M119A						Yes				None
24	M120A						Yes				None

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
25	M121A						Yes	** NA **			None
26	M122A						Yes	** NA **			None
27	M123A	OOOOOX	OOOOOX				Yes				None
28	M124A	OOOOOX	OOOOOX				Yes				None
29	M125A						Yes	** NA **			None
30	M126A						Yes	** NA **			None
31	M127A						Yes	** NA **			None
32	M128A						Yes	** NA **			None
33	M129A						Yes	** NA **			None
34	M130A						Yes	** NA **			None
35	M131A		BenPIN				Yes	** NA **			None
36	M132A						Yes				None
37	M133A		BenPIN				Yes	** NA **			None
38	M134A						Yes	** NA **			None
39	M135A						Yes	** NA **			None
40	M137A						Yes				None
41	M138A		BenPIN				Yes	** NA **			None
42	M139A						Yes	Default			None
43	M140A						Yes				None
44	M141A						Yes				None
45	M142A						Yes				None
46	M143A						Yes	** NA **			None
47	M144A						Yes	** NA **			None
48	M145A	OOOOOX	OOOOOX				Yes				None
49	M146A	OOOOOX	OOOOOX				Yes				None
50	M147A						Yes	** NA **			None
51	M148A						Yes	** NA **			None
52	M149A						Yes	** NA **			None
53	M150A						Yes	** NA **			None
54	M151A						Yes	** NA **			None
55	M152A						Yes	** NA **			None
56	M154A						Yes				None
57	M155A		BenPIN				Yes	** NA **			None
58	M156A						Yes	** NA **			None
59	M157A						Yes	** NA **			None
60	M158A		BenPIN				Yes	** NA **			None
61	M159A						Yes				None
62	M160A		BenPIN				Yes	** NA **			None
63	M161A						Yes				None
64	M162A						Yes	** NA **			None
65	M163A						Yes	** NA **			None
66	M164A						Yes	** NA **			None
67	MP2A						Yes	** NA **			None
68	MP3A						Yes	** NA **			None
69	MP4A						Yes	** NA **			None
70	M74A						Yes	** NA **			None
71	MP1A						Yes	** NA **			None
72	M72		BenPIN				Yes	** NA **			None
73	M74B		BenPIN				Yes	** NA **			None
74	M76A						Yes				None
75	M77A						Yes	** NA **			None
76	M78A						Yes	** NA **			None

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
77	M79A						Yes	** NA **			None
78	MP2C						Yes	** NA **			None
79	MP3C						Yes	** NA **			None
80	MP4C						Yes	** NA **			None
81	M83A						Yes	** NA **			None
82	MP1C						Yes	** NA **			None
83	M85A		BenPIN				Yes	** NA **			None
84	M87		BenPIN				Yes	** NA **			None
85	M89						Yes				None
86	M90						Yes	** NA **			None
87	M91						Yes	** NA **			None
88	M92A						Yes	** NA **			None
89	MP2B						Yes	** NA **			None
90	MP3B						Yes	** NA **			None
91	MP4B						Yes	** NA **			None
92	M96						Yes	** NA **			None
93	MP1B						Yes	** NA **			None
94	M94A						Yes	** NA **			None
95	M95A						Yes	** NA **			None
96	M96A						Yes				None
97	M97						Yes	** NA **			None
98	M98						Yes	** NA **			None
99	M99						Yes	** NA **			None
100	M100						Yes	** NA **			None
101	M101						Yes	Default			None
102	M102						Yes	** NA **			None
103	M103						Yes	** NA **			None
104	M104						Yes	** NA **			None
105	M105						Yes	** NA **			None
106	M106						Yes				None
107	M107						Yes	** NA **			None
108	M108						Yes	** NA **			None
109	M109						Yes	** NA **			None
110	M110						Yes	** NA **			None
111	M111	OOOOOX					Yes	** NA **			None
112	M112	OOOOOX					Yes	** NA **			None
113	M113	OOOOOX					Yes	** NA **			None
114	M114	OOOOOX					Yes	** NA **			None
115	M115	OOOOOX					Yes	** NA **			None
116	M116	OOOOOX					Yes	** NA **			None
117	M117						Yes	Default			None
118	M118						Yes	Default			None
119	M119						Yes	Default			None

Member Point Loads (BLC 1 : Antenna D)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	Y	-32.5	.5
2	MP2A	My	-.016	.5
3	MP2A	Mz	.019	.5
4	MP2A	Y	-32.5	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
5	MP2A	My	-.016	5.5
6	MP2A	Mz	.019	5.5
7	MP2B	Y	-32.5	.5
8	MP2B	My	-.008	.5
9	MP2B	Mz	-.024	.5
10	MP2B	Y	-32.5	5.5
11	MP2B	My	-.008	5.5
12	MP2B	Mz	-.024	5.5
13	MP2C	Y	-32.5	.5
14	MP2C	My	.025	.5
15	MP2C	Mz	.005	.5
16	MP2C	Y	-32.5	5.5
17	MP2C	My	.025	5.5
18	MP2C	Mz	.005	5.5
19	MP2A	Y	-32.5	.5
20	MP2A	My	-.016	.5
21	MP2A	Mz	-.019	.5
22	MP2A	Y	-32.5	5.5
23	MP2A	My	-.016	5.5
24	MP2A	Mz	-.019	5.5
25	MP2B	Y	-32.5	.5
26	MP2B	My	.025	.5
27	MP2B	Mz	-.005	.5
28	MP2B	Y	-32.5	5.5
29	MP2B	My	.025	5.5
30	MP2B	Mz	-.005	5.5
31	MP2C	Y	-32.5	.5
32	MP2C	My	-.008	.5
33	MP2C	Mz	.024	.5
34	MP2C	Y	-32.5	5.5
35	MP2C	My	-.008	5.5
36	MP2C	Mz	.024	5.5
37	MP3A	Y	-43.55	2
38	MP3A	My	-.022	2
39	MP3A	Mz	0	2
40	MP3A	Y	-43.55	4
41	MP3A	My	-.022	4
42	MP3A	Mz	0	4
43	MP3B	Y	-43.55	2
44	MP3B	My	.011	2
45	MP3B	Mz	-.019	2
46	MP3B	Y	-43.55	4
47	MP3B	My	.011	4
48	MP3B	Mz	-.019	4
49	MP3C	Y	-43.55	2
50	MP3C	My	.011	2
51	MP3C	Mz	.019	2
52	MP3C	Y	-43.55	4
53	MP3C	My	.011	4
54	MP3C	Mz	.019	4
55	M95A	Y	-32	1.5
56	M95A	My	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
57	M95A	Mz	0	1.5
58	MP2A	Y	-84.4	2
59	MP2A	My	.042	2
60	MP2A	Mz	0	2
61	MP2B	Y	-84.4	2
62	MP2B	My	-.021	2
63	MP2B	Mz	.037	2
64	MP2C	Y	-84.4	2
65	MP2C	My	-.021	2
66	MP2C	Mz	-.037	2
67	MP1A	Y	-70.3	2
68	MP1A	My	.035	2
69	MP1A	Mz	0	2
70	MP1B	Y	-70.3	2
71	MP1B	My	-.018	2
72	MP1B	Mz	.03	2
73	MP1C	Y	-70.3	2
74	MP1C	My	-.018	2
75	MP1C	Mz	-.03	2
76	MP1C	Y	-13.5	.5
77	MP1C	My	.003	.5
78	MP1C	Mz	.006	.5
79	MP1C	Y	-13.5	5.5
80	MP1C	My	.003	5.5
81	MP1C	Mz	.006	5.5
82	MP4C	Y	-13.5	.5
83	MP4C	My	.003	.5
84	MP4C	Mz	.006	.5
85	MP4C	Y	-13.5	5.5
86	MP4C	My	.003	5.5
87	MP4C	Mz	.006	5.5
88	MP1A	Y	-10.5	.5
89	MP1A	My	-.005	.5
90	MP1A	Mz	0	.5
91	MP1A	Y	-10.5	5.5
92	MP1A	My	-.005	5.5
93	MP1A	Mz	0	5.5
94	MP4A	Y	-10.5	.5
95	MP4A	My	-.005	.5
96	MP4A	Mz	0	.5
97	MP4A	Y	-10.5	5.5
98	MP4A	My	-.005	5.5
99	MP4A	Mz	0	5.5
100	MP1B	Y	-10.5	.5
101	MP1B	My	.003	.5
102	MP1B	Mz	-.005	.5
103	MP1B	Y	-10.5	5.5
104	MP1B	My	.003	5.5
105	MP1B	Mz	-.005	5.5
106	MP4B	Y	-10.5	.5
107	MP4B	My	.003	.5
108	MP4B	Mz	-.005	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
109	MP4B	Y	-10.5	5.5
110	MP4B	My	.003	5.5
111	MP4B	Mz	-.005	5.5

Member Point Loads (BLC 2 : Antenna Di)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	Y	-69.854	.5
2	MP2A	My	-.035	.5
3	MP2A	Mz	.041	.5
4	MP2A	Y	-69.854	5.5
5	MP2A	My	-.035	5.5
6	MP2A	Mz	.041	5.5
7	MP2B	Y	-69.854	.5
8	MP2B	My	-.018	.5
9	MP2B	Mz	-.051	.5
10	MP2B	Y	-69.854	5.5
11	MP2B	My	-.018	5.5
12	MP2B	Mz	-.051	5.5
13	MP2C	Y	-69.854	.5
14	MP2C	My	.053	.5
15	MP2C	Mz	.01	.5
16	MP2C	Y	-69.854	5.5
17	MP2C	My	.053	5.5
18	MP2C	Mz	.01	5.5
19	MP2A	Y	-69.854	.5
20	MP2A	My	-.035	.5
21	MP2A	Mz	-.041	.5
22	MP2A	Y	-69.854	5.5
23	MP2A	My	-.035	5.5
24	MP2A	Mz	-.041	5.5
25	MP2B	Y	-69.854	.5
26	MP2B	My	.053	.5
27	MP2B	Mz	-.01	.5
28	MP2B	Y	-69.854	5.5
29	MP2B	My	.053	5.5
30	MP2B	Mz	-.01	5.5
31	MP2C	Y	-69.854	.5
32	MP2C	My	-.018	.5
33	MP2C	Mz	.051	.5
34	MP2C	Y	-69.854	5.5
35	MP2C	My	-.018	5.5
36	MP2C	Mz	.051	5.5
37	MP3A	Y	-36.105	2
38	MP3A	My	-.018	2
39	MP3A	Mz	0	2
40	MP3A	Y	-36.105	4
41	MP3A	My	-.018	4
42	MP3A	Mz	0	4
43	MP3B	Y	-36.105	2
44	MP3B	My	.009	2
45	MP3B	Mz	-.016	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
46	MP3B	Y	-36.105	4
47	MP3B	My	.009	4
48	MP3B	Mz	-.016	4
49	MP3C	Y	-36.105	2
50	MP3C	My	.009	2
51	MP3C	Mz	.016	2
52	MP3C	Y	-36.105	4
53	MP3C	My	.009	4
54	MP3C	Mz	.016	4
55	M95A	Y	-89.105	1.5
56	M95A	My	0	1.5
57	M95A	Mz	0	1.5
58	MP2A	Y	-45.529	2
59	MP2A	My	.023	2
60	MP2A	Mz	0	2
61	MP2B	Y	-45.529	2
62	MP2B	My	-.011	2
63	MP2B	Mz	.02	2
64	MP2C	Y	-45.529	2
65	MP2C	My	-.011	2
66	MP2C	Mz	-.02	2
67	MP1A	Y	-40.948	2
68	MP1A	My	.02	2
69	MP1A	Mz	0	2
70	MP1B	Y	-40.948	2
71	MP1B	My	-.01	2
72	MP1B	Mz	.018	2
73	MP1C	Y	-40.948	2
74	MP1C	My	-.01	2
75	MP1C	Mz	-.018	2
76	MP1C	Y	-89.856	.5
77	MP1C	My	.022	.5
78	MP1C	Mz	.039	.5
79	MP1C	Y	-89.856	5.5
80	MP1C	My	.022	5.5
81	MP1C	Mz	.039	5.5
82	MP4C	Y	-89.856	.5
83	MP4C	My	.022	.5
84	MP4C	Mz	.039	.5
85	MP4C	Y	-89.856	5.5
86	MP4C	My	.022	5.5
87	MP4C	Mz	.039	5.5
88	MP1A	Y	-59.279	.5
89	MP1A	My	-.03	.5
90	MP1A	Mz	0	.5
91	MP1A	Y	-59.279	5.5
92	MP1A	My	-.03	5.5
93	MP1A	Mz	0	5.5
94	MP4A	Y	-59.279	.5
95	MP4A	My	-.03	.5
96	MP4A	Mz	0	.5
97	MP4A	Y	-59.279	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
98	MP4A	My	-.03	5.5
99	MP4A	Mz	0	5.5
100	MP1B	Y	-64.018	.5
101	MP1B	My	.016	.5
102	MP1B	Mz	-.028	.5
103	MP1B	Y	-64.018	5.5
104	MP1B	My	.016	5.5
105	MP1B	Mz	-.028	5.5
106	MP4B	Y	-64.018	.5
107	MP4B	My	.016	.5
108	MP4B	Mz	-.028	.5
109	MP4B	Y	-64.018	5.5
110	MP4B	My	.016	5.5
111	MP4B	Mz	-.028	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	.5
2	MP2A	Z	-128.648	.5
3	MP2A	Mx	-.075	.5
4	MP2A	X	0	5.5
5	MP2A	Z	-128.648	5.5
6	MP2A	Mx	-.075	5.5
7	MP2B	X	0	.5
8	MP2B	Z	-112.863	.5
9	MP2B	Mx	.082	.5
10	MP2B	X	0	5.5
11	MP2B	Z	-112.863	5.5
12	MP2B	Mx	.082	5.5
13	MP2C	X	0	.5
14	MP2C	Z	-112.863	.5
15	MP2C	Mx	-.016	.5
16	MP2C	X	0	5.5
17	MP2C	Z	-112.863	5.5
18	MP2C	Mx	-.016	5.5
19	MP2A	X	0	.5
20	MP2A	Z	-128.648	.5
21	MP2A	Mx	.075	.5
22	MP2A	X	0	5.5
23	MP2A	Z	-128.648	5.5
24	MP2A	Mx	.075	5.5
25	MP2B	X	0	.5
26	MP2B	Z	-112.863	.5
27	MP2B	Mx	.016	.5
28	MP2B	X	0	5.5
29	MP2B	Z	-112.863	5.5
30	MP2B	Mx	.016	5.5
31	MP2C	X	0	.5
32	MP2C	Z	-112.863	.5
33	MP2C	Mx	-.082	.5
34	MP2C	X	0	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
35	MP2C	Z	-112.863	5.5
36	MP2C	Mx	-.082	5.5
37	MP3A	X	0	2
38	MP3A	Z	-74.372	2
39	MP3A	Mx	0	2
40	MP3A	X	0	4
41	MP3A	Z	-74.372	4
42	MP3A	Mx	0	4
43	MP3B	X	0	2
44	MP3B	Z	-40.43	2
45	MP3B	Mx	.018	2
46	MP3B	X	0	4
47	MP3B	Z	-40.43	4
48	MP3B	Mx	.018	4
49	MP3C	X	0	2
50	MP3C	Z	-40.43	2
51	MP3C	Mx	-.018	2
52	MP3C	X	0	4
53	MP3C	Z	-40.43	4
54	MP3C	Mx	-.018	4
55	M95A	X	0	1.5
56	M95A	Z	-105.644	1.5
57	M95A	Mx	0	1.5
58	MP2A	X	0	2
59	MP2A	Z	-59.181	2
60	MP2A	Mx	0	2
61	MP2B	X	0	2
62	MP2B	Z	-44.465	2
63	MP2B	Mx	-.019	2
64	MP2C	X	0	2
65	MP2C	Z	-44.465	2
66	MP2C	Mx	.019	2
67	MP1A	X	0	2
68	MP1A	Z	-59.181	2
69	MP1A	Mx	0	2
70	MP1B	X	0	2
71	MP1B	Z	-38.828	2
72	MP1B	Mx	-.017	2
73	MP1C	X	0	2
74	MP1C	Z	-38.828	2
75	MP1C	Mx	.017	2
76	MP1C	X	0	.5
77	MP1C	Z	-139.741	.5
78	MP1C	Mx	-.061	.5
79	MP1C	X	0	5.5
80	MP1C	Z	-139.741	5.5
81	MP1C	Mx	-.061	5.5
82	MP4C	X	0	.5
83	MP4C	Z	-139.741	.5
84	MP4C	Mx	-.061	.5
85	MP4C	X	0	5.5
86	MP4C	Z	-139.741	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
87	MP4C	Mx	-.061	5.5
88	MP1A	X	0	.5
89	MP1A	Z	-68.517	.5
90	MP1A	Mx	0	.5
91	MP1A	X	0	5.5
92	MP1A	Z	-68.517	5.5
93	MP1A	Mx	0	5.5
94	MP4A	X	0	.5
95	MP4A	Z	-68.517	.5
96	MP4A	Mx	0	.5
97	MP4A	X	0	5.5
98	MP4A	Z	-68.517	5.5
99	MP4A	Mx	0	5.5
100	MP1B	X	0	.5
101	MP1B	Z	-129.71	.5
102	MP1B	Mx	.056	.5
103	MP1B	X	0	5.5
104	MP1B	Z	-129.71	5.5
105	MP1B	Mx	.056	5.5
106	MP4B	X	0	.5
107	MP4B	Z	-129.71	.5
108	MP4B	Mx	.056	.5
109	MP4B	X	0	5.5
110	MP4B	Z	-129.71	5.5
111	MP4B	Mx	.056	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	61.693	.5
2	MP2A	Z	-106.855	.5
3	MP2A	Mx	-.093	.5
4	MP2A	X	61.693	5.5
5	MP2A	Z	-106.855	5.5
6	MP2A	Mx	-.093	5.5
7	MP2B	X	53.801	.5
8	MP2B	Z	-93.186	.5
9	MP2B	Mx	.054	.5
10	MP2B	X	53.801	5.5
11	MP2B	Z	-93.186	5.5
12	MP2B	Mx	.054	5.5
13	MP2C	X	61.693	.5
14	MP2C	Z	-106.855	.5
15	MP2C	Mx	.031	.5
16	MP2C	X	61.693	5.5
17	MP2C	Z	-106.855	5.5
18	MP2C	Mx	.031	5.5
19	MP2A	X	61.693	.5
20	MP2A	Z	-106.855	.5
21	MP2A	Mx	.031	.5
22	MP2A	X	61.693	5.5
23	MP2A	Z	-106.855	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
24	MP2A	Mx	.031	5.5
25	MP2B	X	53.801	.5
26	MP2B	Z	-93.186	.5
27	MP2B	Mx	.054	.5
28	MP2B	X	53.801	5.5
29	MP2B	Z	-93.186	5.5
30	MP2B	Mx	.054	5.5
31	MP2C	X	61.693	.5
32	MP2C	Z	-106.855	.5
33	MP2C	Mx	-.093	.5
34	MP2C	X	61.693	5.5
35	MP2C	Z	-106.855	5.5
36	MP2C	Mx	-.093	5.5
37	MP3A	X	31.529	2
38	MP3A	Z	-54.61	2
39	MP3A	Mx	-.016	2
40	MP3A	X	31.529	4
41	MP3A	Z	-54.61	4
42	MP3A	Mx	-.016	4
43	MP3B	X	14.558	2
44	MP3B	Z	-25.216	2
45	MP3B	Mx	.015	2
46	MP3B	X	14.558	4
47	MP3B	Z	-25.216	4
48	MP3B	Mx	.015	4
49	MP3C	X	31.529	2
50	MP3C	Z	-54.61	2
51	MP3C	Mx	-.016	2
52	MP3C	X	31.529	4
53	MP3C	Z	-54.61	4
54	MP3C	Mx	-.016	4
55	M95A	X	49.014	1.5
56	M95A	Z	-84.895	1.5
57	M95A	Mx	0	1.5
58	MP2A	X	27.138	2
59	MP2A	Z	-47.004	2
60	MP2A	Mx	.014	2
61	MP2B	X	19.78	2
62	MP2B	Z	-34.26	2
63	MP2B	Mx	-.02	2
64	MP2C	X	27.138	2
65	MP2C	Z	-47.004	2
66	MP2C	Mx	.014	2
67	MP1A	X	26.198	2
68	MP1A	Z	-45.377	2
69	MP1A	Mx	.013	2
70	MP1B	X	16.022	2
71	MP1B	Z	-27.75	2
72	MP1B	Mx	-.016	2
73	MP1C	X	26.198	2
74	MP1C	Z	-45.377	2
75	MP1C	Mx	.013	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
76	MP1C	X	73.926	.5
77	MP1C	Z	-128.044	.5
78	MP1C	Mx	-.037	.5
79	MP1C	X	73.926	5.5
80	MP1C	Z	-128.044	5.5
81	MP1C	Mx	-.037	5.5
82	MP4C	X	73.926	.5
83	MP4C	Z	-128.044	.5
84	MP4C	Mx	-.037	.5
85	MP4C	X	73.926	5.5
86	MP4C	Z	-128.044	5.5
87	MP4C	Mx	-.037	5.5
88	MP1A	X	42.761	.5
89	MP1A	Z	-74.063	.5
90	MP1A	Mx	-.021	.5
91	MP1A	X	42.761	5.5
92	MP1A	Z	-74.063	5.5
93	MP1A	Mx	-.021	5.5
94	MP4A	X	42.761	.5
95	MP4A	Z	-74.063	.5
96	MP4A	Mx	-.021	.5
97	MP4A	X	42.761	5.5
98	MP4A	Z	-74.063	5.5
99	MP4A	Mx	-.021	5.5
100	MP1B	X	75.054	.5
101	MP1B	Z	-129.997	.5
102	MP1B	Mx	.075	.5
103	MP1B	X	75.054	5.5
104	MP1B	Z	-129.997	5.5
105	MP1B	Mx	.075	5.5
106	MP4B	X	75.054	.5
107	MP4B	Z	-129.997	.5
108	MP4B	Mx	.075	.5
109	MP4B	X	75.054	5.5
110	MP4B	Z	-129.997	5.5
111	MP4B	Mx	.075	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	97.742	.5
2	MP2A	Z	-56.432	.5
3	MP2A	Mx	-.082	.5
4	MP2A	X	97.742	5.5
5	MP2A	Z	-56.432	5.5
6	MP2A	Mx	-.082	5.5
7	MP2B	X	97.742	.5
8	MP2B	Z	-56.432	.5
9	MP2B	Mx	.016	.5
10	MP2B	X	97.742	5.5
11	MP2B	Z	-56.432	5.5
12	MP2B	Mx	.016	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
13	MP2C	X	111.412	.5
14	MP2C	Z	-64.324	.5
15	MP2C	Mx	.075	.5
16	MP2C	X	111.412	5.5
17	MP2C	Z	-64.324	5.5
18	MP2C	Mx	.075	5.5
19	MP2A	X	97.742	.5
20	MP2A	Z	-56.432	.5
21	MP2A	Mx	-.016	.5
22	MP2A	X	97.742	5.5
23	MP2A	Z	-56.432	5.5
24	MP2A	Mx	-.016	5.5
25	MP2B	X	97.742	.5
26	MP2B	Z	-56.432	.5
27	MP2B	Mx	.082	.5
28	MP2B	X	97.742	5.5
29	MP2B	Z	-56.432	5.5
30	MP2B	Mx	.082	5.5
31	MP2C	X	111.412	.5
32	MP2C	Z	-64.324	.5
33	MP2C	Mx	-.075	.5
34	MP2C	X	111.412	5.5
35	MP2C	Z	-64.324	5.5
36	MP2C	Mx	-.075	5.5
37	MP3A	X	35.014	2
38	MP3A	Z	-20.215	2
39	MP3A	Mx	-.018	2
40	MP3A	X	35.014	4
41	MP3A	Z	-20.215	4
42	MP3A	Mx	-.018	4
43	MP3B	X	35.014	2
44	MP3B	Z	-20.215	2
45	MP3B	Mx	.018	2
46	MP3B	X	35.014	4
47	MP3B	Z	-20.215	4
48	MP3B	Mx	.018	4
49	MP3C	X	64.408	2
50	MP3C	Z	-37.186	2
51	MP3C	Mx	0	2
52	MP3C	X	64.408	4
53	MP3C	Z	-37.186	4
54	MP3C	Mx	0	4
55	M95A	X	91.49	1.5
56	M95A	Z	-52.822	1.5
57	M95A	Mx	0	1.5
58	MP2A	X	38.508	2
59	MP2A	Z	-22.232	2
60	MP2A	Mx	.019	2
61	MP2B	X	38.508	2
62	MP2B	Z	-22.232	2
63	MP2B	Mx	-.019	2
64	MP2C	X	51.252	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
65	MP2C	Z	-29.591	2
66	MP2C	Mx	0	2
67	MP1A	X	33.626	2
68	MP1A	Z	-19.414	2
69	MP1A	Mx	.017	2
70	MP1B	X	33.626	2
71	MP1B	Z	-19.414	2
72	MP1B	Mx	-.017	2
73	MP1C	X	51.252	2
74	MP1C	Z	-29.591	2
75	MP1C	Mx	0	2
76	MP1C	X	131.557	.5
77	MP1C	Z	-75.954	.5
78	MP1C	Mx	0	.5
79	MP1C	X	131.557	5.5
80	MP1C	Z	-75.954	5.5
81	MP1C	Mx	0	5.5
82	MP4C	X	131.557	.5
83	MP4C	Z	-75.954	.5
84	MP4C	Mx	0	.5
85	MP4C	X	131.557	5.5
86	MP4C	Z	-75.954	5.5
87	MP4C	Mx	0	5.5
88	MP1A	X	103.515	.5
89	MP1A	Z	-59.765	.5
90	MP1A	Mx	-.052	.5
91	MP1A	X	103.515	5.5
92	MP1A	Z	-59.765	5.5
93	MP1A	Mx	-.052	5.5
94	MP4A	X	103.515	.5
95	MP4A	Z	-59.765	.5
96	MP4A	Mx	-.052	.5
97	MP4A	X	103.515	5.5
98	MP4A	Z	-59.765	5.5
99	MP4A	Mx	-.052	5.5
100	MP1B	X	112.332	.5
101	MP1B	Z	-64.855	.5
102	MP1B	Mx	.056	.5
103	MP1B	X	112.332	5.5
104	MP1B	Z	-64.855	5.5
105	MP1B	Mx	.056	5.5
106	MP4B	X	112.332	.5
107	MP4B	Z	-64.855	.5
108	MP4B	Mx	.056	.5
109	MP4B	X	112.332	5.5
110	MP4B	Z	-64.855	5.5
111	MP4B	Mx	.056	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	107.602	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
2	MP2A	Z	0	.5
3	MP2A	Mx	-.054	.5
4	MP2A	X	107.602	5.5
5	MP2A	Z	0	5.5
6	MP2A	Mx	-.054	5.5
7	MP2B	X	123.386	.5
8	MP2B	Z	0	.5
9	MP2B	Mx	-.031	.5
10	MP2B	X	123.386	5.5
11	MP2B	Z	0	5.5
12	MP2B	Mx	-.031	5.5
13	MP2C	X	123.386	.5
14	MP2C	Z	0	.5
15	MP2C	Mx	.093	.5
16	MP2C	X	123.386	5.5
17	MP2C	Z	0	5.5
18	MP2C	Mx	.093	5.5
19	MP2A	X	107.602	.5
20	MP2A	Z	0	.5
21	MP2A	Mx	-.054	.5
22	MP2A	X	107.602	5.5
23	MP2A	Z	0	5.5
24	MP2A	Mx	-.054	5.5
25	MP2B	X	123.386	.5
26	MP2B	Z	0	.5
27	MP2B	Mx	.093	.5
28	MP2B	X	123.386	5.5
29	MP2B	Z	0	5.5
30	MP2B	Mx	.093	5.5
31	MP2C	X	123.386	.5
32	MP2C	Z	0	.5
33	MP2C	Mx	-.031	.5
34	MP2C	X	123.386	5.5
35	MP2C	Z	0	5.5
36	MP2C	Mx	-.031	5.5
37	MP3A	X	29.116	2
38	MP3A	Z	0	2
39	MP3A	Mx	-.015	2
40	MP3A	X	29.116	4
41	MP3A	Z	0	4
42	MP3A	Mx	-.015	4
43	MP3B	X	63.058	2
44	MP3B	Z	0	2
45	MP3B	Mx	.016	2
46	MP3B	X	63.058	4
47	MP3B	Z	0	4
48	MP3B	Mx	.016	4
49	MP3C	X	63.058	2
50	MP3C	Z	0	2
51	MP3C	Mx	.016	2
52	MP3C	X	63.058	4
53	MP3C	Z	0	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
54	MP3C	Mx	.016	4
55	M95A	X	120.874	1.5
56	M95A	Z	0	1.5
57	M95A	Mx	0	1.5
58	MP2A	X	39.56	2
59	MP2A	Z	0	2
60	MP2A	Mx	.02	2
61	MP2B	X	54.276	2
62	MP2B	Z	0	2
63	MP2B	Mx	-.014	2
64	MP2C	X	54.276	2
65	MP2C	Z	0	2
66	MP2C	Mx	-.014	2
67	MP1A	X	32.043	2
68	MP1A	Z	0	2
69	MP1A	Mx	.016	2
70	MP1B	X	52.397	2
71	MP1B	Z	0	2
72	MP1B	Mx	-.013	2
73	MP1C	X	52.397	2
74	MP1C	Z	0	2
75	MP1C	Mx	-.013	2
76	MP1C	X	147.853	.5
77	MP1C	Z	0	.5
78	MP1C	Mx	.037	.5
79	MP1C	X	147.853	5.5
80	MP1C	Z	0	5.5
81	MP1C	Mx	.037	5.5
82	MP4C	X	147.853	.5
83	MP4C	Z	0	.5
84	MP4C	Mx	.037	.5
85	MP4C	X	147.853	5.5
86	MP4C	Z	0	5.5
87	MP4C	Mx	.037	5.5
88	MP1A	X	136.533	.5
89	MP1A	Z	0	.5
90	MP1A	Mx	-.068	.5
91	MP1A	X	136.533	5.5
92	MP1A	Z	0	5.5
93	MP1A	Mx	-.068	5.5
94	MP4A	X	136.533	.5
95	MP4A	Z	0	.5
96	MP4A	Mx	-.068	.5
97	MP4A	X	136.533	5.5
98	MP4A	Z	0	5.5
99	MP4A	Mx	-.068	5.5
100	MP1B	X	88.915	.5
101	MP1B	Z	0	.5
102	MP1B	Mx	.022	.5
103	MP1B	X	88.915	5.5
104	MP1B	Z	0	5.5
105	MP1B	Mx	.022	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
106	MP4B	X	88.915	.5
107	MP4B	Z	0	.5
108	MP4B	Mx	.022	.5
109	MP4B	X	88.915	5.5
110	MP4B	Z	0	5.5
111	MP4B	Mx	.022	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	97.742	.5
2	MP2A	Z	56.432	.5
3	MP2A	Mx	-.016	.5
4	MP2A	X	97.742	5.5
5	MP2A	Z	56.432	5.5
6	MP2A	Mx	-.016	5.5
7	MP2B	X	111.412	.5
8	MP2B	Z	64.324	.5
9	MP2B	Mx	-.075	.5
10	MP2B	X	111.412	5.5
11	MP2B	Z	64.324	5.5
12	MP2B	Mx	-.075	5.5
13	MP2C	X	97.742	.5
14	MP2C	Z	56.432	.5
15	MP2C	Mx	.082	.5
16	MP2C	X	97.742	5.5
17	MP2C	Z	56.432	5.5
18	MP2C	Mx	.082	5.5
19	MP2A	X	97.742	.5
20	MP2A	Z	56.432	.5
21	MP2A	Mx	-.082	.5
22	MP2A	X	97.742	5.5
23	MP2A	Z	56.432	5.5
24	MP2A	Mx	-.082	5.5
25	MP2B	X	111.412	.5
26	MP2B	Z	64.324	.5
27	MP2B	Mx	.075	.5
28	MP2B	X	111.412	5.5
29	MP2B	Z	64.324	5.5
30	MP2B	Mx	.075	5.5
31	MP2C	X	97.742	.5
32	MP2C	Z	56.432	.5
33	MP2C	Mx	.016	.5
34	MP2C	X	97.742	5.5
35	MP2C	Z	56.432	5.5
36	MP2C	Mx	.016	5.5
37	MP3A	X	35.014	2
38	MP3A	Z	20.215	2
39	MP3A	Mx	-.018	2
40	MP3A	X	35.014	4
41	MP3A	Z	20.215	4
42	MP3A	Mx	-.018	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
43	MP3B	X	64.408	2
44	MP3B	Z	37.186	2
45	MP3B	Mx	0	2
46	MP3B	X	64.408	4
47	MP3B	Z	37.186	4
48	MP3B	Mx	0	4
49	MP3C	X	35.014	2
50	MP3C	Z	20.215	2
51	MP3C	Mx	.018	2
52	MP3C	X	35.014	4
53	MP3C	Z	20.215	4
54	MP3C	Mx	.018	4
55	M95A	X	111.275	1.5
56	M95A	Z	64.245	1.5
57	M95A	Mx	0	1.5
58	MP2A	X	38.508	2
59	MP2A	Z	22.232	2
60	MP2A	Mx	.019	2
61	MP2B	X	51.252	2
62	MP2B	Z	29.591	2
63	MP2B	Mx	0	2
64	MP2C	X	38.508	2
65	MP2C	Z	22.232	2
66	MP2C	Mx	-.019	2
67	MP1A	X	33.626	2
68	MP1A	Z	19.414	2
69	MP1A	Mx	.017	2
70	MP1B	X	51.252	2
71	MP1B	Z	29.591	2
72	MP1B	Mx	0	2
73	MP1C	X	33.626	2
74	MP1C	Z	19.414	2
75	MP1C	Mx	-.017	2
76	MP1C	X	121.019	.5
77	MP1C	Z	69.87	.5
78	MP1C	Mx	.061	.5
79	MP1C	X	121.019	5.5
80	MP1C	Z	69.87	5.5
81	MP1C	Mx	.061	5.5
82	MP4C	X	121.019	.5
83	MP4C	Z	69.87	.5
84	MP4C	Mx	.061	.5
85	MP4C	X	121.019	5.5
86	MP4C	Z	69.87	5.5
87	MP4C	Mx	.061	5.5
88	MP1A	X	103.515	.5
89	MP1A	Z	59.765	.5
90	MP1A	Mx	-.052	.5
91	MP1A	X	103.515	5.5
92	MP1A	Z	59.765	5.5
93	MP1A	Mx	-.052	5.5
94	MP4A	X	103.515	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
95	MP4A	Z	59.765	.5
96	MP4A	Mx	-.052	.5
97	MP4A	X	103.515	5.5
98	MP4A	Z	59.765	5.5
99	MP4A	Mx	-.052	5.5
100	MP1B	X	59.338	.5
101	MP1B	Z	34.259	.5
102	MP1B	Mx	0	.5
103	MP1B	X	59.338	5.5
104	MP1B	Z	34.259	5.5
105	MP1B	Mx	0	5.5
106	MP4B	X	59.338	.5
107	MP4B	Z	34.259	.5
108	MP4B	Mx	0	.5
109	MP4B	X	59.338	5.5
110	MP4B	Z	34.259	5.5
111	MP4B	Mx	0	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	61.693	.5
2	MP2A	Z	106.855	.5
3	MP2A	Mx	.031	.5
4	MP2A	X	61.693	5.5
5	MP2A	Z	106.855	5.5
6	MP2A	Mx	.031	5.5
7	MP2B	X	61.693	.5
8	MP2B	Z	106.855	.5
9	MP2B	Mx	-.093	.5
10	MP2B	X	61.693	5.5
11	MP2B	Z	106.855	5.5
12	MP2B	Mx	-.093	5.5
13	MP2C	X	53.801	.5
14	MP2C	Z	93.186	.5
15	MP2C	Mx	.054	.5
16	MP2C	X	53.801	5.5
17	MP2C	Z	93.186	5.5
18	MP2C	Mx	.054	5.5
19	MP2A	X	61.693	.5
20	MP2A	Z	106.855	.5
21	MP2A	Mx	-.093	.5
22	MP2A	X	61.693	5.5
23	MP2A	Z	106.855	5.5
24	MP2A	Mx	-.093	5.5
25	MP2B	X	61.693	.5
26	MP2B	Z	106.855	.5
27	MP2B	Mx	.031	.5
28	MP2B	X	61.693	5.5
29	MP2B	Z	106.855	5.5
30	MP2B	Mx	.031	5.5
31	MP2C	X	53.801	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
32	MP2C	Z	93.186	.5
33	MP2C	Mx	.054	.5
34	MP2C	X	53.801	5.5
35	MP2C	Z	93.186	5.5
36	MP2C	Mx	.054	5.5
37	MP3A	X	31.529	2
38	MP3A	Z	54.61	2
39	MP3A	Mx	-.016	2
40	MP3A	X	31.529	4
41	MP3A	Z	54.61	4
42	MP3A	Mx	-.016	4
43	MP3B	X	31.529	2
44	MP3B	Z	54.61	2
45	MP3B	Mx	-.016	2
46	MP3B	X	31.529	4
47	MP3B	Z	54.61	4
48	MP3B	Mx	-.016	4
49	MP3C	X	14.558	2
50	MP3C	Z	25.216	2
51	MP3C	Mx	.015	2
52	MP3C	X	14.558	4
53	MP3C	Z	25.216	4
54	MP3C	Mx	.015	4
55	M95A	X	60.437	1.5
56	M95A	Z	104.68	1.5
57	M95A	Mx	0	1.5
58	MP2A	X	27.138	2
59	MP2A	Z	47.004	2
60	MP2A	Mx	.014	2
61	MP2B	X	27.138	2
62	MP2B	Z	47.004	2
63	MP2B	Mx	.014	2
64	MP2C	X	19.78	2
65	MP2C	Z	34.26	2
66	MP2C	Mx	-.02	2
67	MP1A	X	26.198	2
68	MP1A	Z	45.377	2
69	MP1A	Mx	.013	2
70	MP1B	X	26.198	2
71	MP1B	Z	45.377	2
72	MP1B	Mx	.013	2
73	MP1C	X	16.022	2
74	MP1C	Z	27.75	2
75	MP1C	Mx	-.016	2
76	MP1C	X	67.843	.5
77	MP1C	Z	117.507	.5
78	MP1C	Mx	.068	.5
79	MP1C	X	67.843	5.5
80	MP1C	Z	117.507	5.5
81	MP1C	Mx	.068	5.5
82	MP4C	X	67.843	.5
83	MP4C	Z	117.507	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
84	MP4C	Mx	.068	.5
85	MP4C	X	67.843	5.5
86	MP4C	Z	117.507	5.5
87	MP4C	Mx	.068	5.5
88	MP1A	X	42.761	.5
89	MP1A	Z	74.063	.5
90	MP1A	Mx	-.021	.5
91	MP1A	X	42.761	5.5
92	MP1A	Z	74.063	5.5
93	MP1A	Mx	-.021	5.5
94	MP4A	X	42.761	.5
95	MP4A	Z	74.063	.5
96	MP4A	Mx	-.021	.5
97	MP4A	X	42.761	5.5
98	MP4A	Z	74.063	5.5
99	MP4A	Mx	-.021	5.5
100	MP1B	X	44.457	.5
101	MP1B	Z	77.002	.5
102	MP1B	Mx	-.022	.5
103	MP1B	X	44.457	5.5
104	MP1B	Z	77.002	5.5
105	MP1B	Mx	-.022	5.5
106	MP4B	X	44.457	.5
107	MP4B	Z	77.002	.5
108	MP4B	Mx	-.022	.5
109	MP4B	X	44.457	5.5
110	MP4B	Z	77.002	5.5
111	MP4B	Mx	-.022	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	.5
2	MP2A	Z	128.648	.5
3	MP2A	Mx	.075	.5
4	MP2A	X	0	5.5
5	MP2A	Z	128.648	5.5
6	MP2A	Mx	.075	5.5
7	MP2B	X	0	.5
8	MP2B	Z	112.863	.5
9	MP2B	Mx	-.082	.5
10	MP2B	X	0	5.5
11	MP2B	Z	112.863	5.5
12	MP2B	Mx	-.082	5.5
13	MP2C	X	0	.5
14	MP2C	Z	112.863	.5
15	MP2C	Mx	.016	.5
16	MP2C	X	0	5.5
17	MP2C	Z	112.863	5.5
18	MP2C	Mx	.016	5.5
19	MP2A	X	0	.5
20	MP2A	Z	128.648	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
21	MP2A	Mx	-.075	.5
22	MP2A	X	0	5.5
23	MP2A	Z	128.648	5.5
24	MP2A	Mx	-.075	5.5
25	MP2B	X	0	.5
26	MP2B	Z	112.863	.5
27	MP2B	Mx	-.016	.5
28	MP2B	X	0	5.5
29	MP2B	Z	112.863	5.5
30	MP2B	Mx	-.016	5.5
31	MP2C	X	0	.5
32	MP2C	Z	112.863	.5
33	MP2C	Mx	.082	.5
34	MP2C	X	0	5.5
35	MP2C	Z	112.863	5.5
36	MP2C	Mx	.082	5.5
37	MP3A	X	0	2
38	MP3A	Z	74.372	2
39	MP3A	Mx	0	2
40	MP3A	X	0	4
41	MP3A	Z	74.372	4
42	MP3A	Mx	0	4
43	MP3B	X	0	2
44	MP3B	Z	40.43	2
45	MP3B	Mx	-.018	2
46	MP3B	X	0	4
47	MP3B	Z	40.43	4
48	MP3B	Mx	-.018	4
49	MP3C	X	0	2
50	MP3C	Z	40.43	2
51	MP3C	Mx	.018	2
52	MP3C	X	0	4
53	MP3C	Z	40.43	4
54	MP3C	Mx	.018	4
55	M95A	X	0	1.5
56	M95A	Z	105.644	1.5
57	M95A	Mx	0	1.5
58	MP2A	X	0	2
59	MP2A	Z	59.181	2
60	MP2A	Mx	0	2
61	MP2B	X	0	2
62	MP2B	Z	44.465	2
63	MP2B	Mx	.019	2
64	MP2C	X	0	2
65	MP2C	Z	44.465	2
66	MP2C	Mx	-.019	2
67	MP1A	X	0	2
68	MP1A	Z	59.181	2
69	MP1A	Mx	0	2
70	MP1B	X	0	2
71	MP1B	Z	38.828	2
72	MP1B	Mx	.017	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
73	MP1C	X	0	2
74	MP1C	Z	38.828	2
75	MP1C	Mx	-.017	2
76	MP1C	X	0	.5
77	MP1C	Z	139.741	.5
78	MP1C	Mx	.061	.5
79	MP1C	X	0	5.5
80	MP1C	Z	139.741	5.5
81	MP1C	Mx	.061	5.5
82	MP4C	X	0	.5
83	MP4C	Z	139.741	.5
84	MP4C	Mx	.061	.5
85	MP4C	X	0	5.5
86	MP4C	Z	139.741	5.5
87	MP4C	Mx	.061	5.5
88	MP1A	X	0	.5
89	MP1A	Z	68.517	.5
90	MP1A	Mx	0	.5
91	MP1A	X	0	5.5
92	MP1A	Z	68.517	5.5
93	MP1A	Mx	0	5.5
94	MP4A	X	0	.5
95	MP4A	Z	68.517	.5
96	MP4A	Mx	0	.5
97	MP4A	X	0	5.5
98	MP4A	Z	68.517	5.5
99	MP4A	Mx	0	5.5
100	MP1B	X	0	.5
101	MP1B	Z	129.71	.5
102	MP1B	Mx	-.056	.5
103	MP1B	X	0	5.5
104	MP1B	Z	129.71	5.5
105	MP1B	Mx	-.056	5.5
106	MP4B	X	0	.5
107	MP4B	Z	129.71	.5
108	MP4B	Mx	-.056	.5
109	MP4B	X	0	5.5
110	MP4B	Z	129.71	5.5
111	MP4B	Mx	-.056	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-61.693	.5
2	MP2A	Z	106.855	.5
3	MP2A	Mx	.093	.5
4	MP2A	X	-61.693	5.5
5	MP2A	Z	106.855	5.5
6	MP2A	Mx	.093	5.5
7	MP2B	X	-53.801	.5
8	MP2B	Z	93.186	.5
9	MP2B	Mx	-.054	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
10	MP2B	X	-53.801	5.5
11	MP2B	Z	93.186	5.5
12	MP2B	Mx	-.054	5.5
13	MP2C	X	-61.693	.5
14	MP2C	Z	106.855	.5
15	MP2C	Mx	-.031	.5
16	MP2C	X	-61.693	5.5
17	MP2C	Z	106.855	5.5
18	MP2C	Mx	-.031	5.5
19	MP2A	X	-61.693	.5
20	MP2A	Z	106.855	.5
21	MP2A	Mx	-.031	.5
22	MP2A	X	-61.693	5.5
23	MP2A	Z	106.855	5.5
24	MP2A	Mx	-.031	5.5
25	MP2B	X	-53.801	.5
26	MP2B	Z	93.186	.5
27	MP2B	Mx	-.054	.5
28	MP2B	X	-53.801	5.5
29	MP2B	Z	93.186	5.5
30	MP2B	Mx	-.054	5.5
31	MP2C	X	-61.693	.5
32	MP2C	Z	106.855	.5
33	MP2C	Mx	.093	.5
34	MP2C	X	-61.693	5.5
35	MP2C	Z	106.855	5.5
36	MP2C	Mx	.093	5.5
37	MP3A	X	-31.529	2
38	MP3A	Z	54.61	2
39	MP3A	Mx	.016	2
40	MP3A	X	-31.529	4
41	MP3A	Z	54.61	4
42	MP3A	Mx	.016	4
43	MP3B	X	-14.558	2
44	MP3B	Z	25.216	2
45	MP3B	Mx	-.015	2
46	MP3B	X	-14.558	4
47	MP3B	Z	25.216	4
48	MP3B	Mx	-.015	4
49	MP3C	X	-31.529	2
50	MP3C	Z	54.61	2
51	MP3C	Mx	.016	2
52	MP3C	X	-31.529	4
53	MP3C	Z	54.61	4
54	MP3C	Mx	.016	4
55	M95A	X	-49.014	1.5
56	M95A	Z	84.895	1.5
57	M95A	Mx	0	1.5
58	MP2A	X	-27.138	2
59	MP2A	Z	47.004	2
60	MP2A	Mx	-.014	2
61	MP2B	X	-19.78	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
62	MP2B	Z	34.26	2
63	MP2B	Mx	.02	2
64	MP2C	X	-27.138	2
65	MP2C	Z	47.004	2
66	MP2C	Mx	-.014	2
67	MP1A	X	-26.198	2
68	MP1A	Z	45.377	2
69	MP1A	Mx	-.013	2
70	MP1B	X	-16.022	2
71	MP1B	Z	27.75	2
72	MP1B	Mx	.016	2
73	MP1C	X	-26.198	2
74	MP1C	Z	45.377	2
75	MP1C	Mx	-.013	2
76	MP1C	X	-73.926	.5
77	MP1C	Z	128.044	.5
78	MP1C	Mx	.037	.5
79	MP1C	X	-73.926	5.5
80	MP1C	Z	128.044	5.5
81	MP1C	Mx	.037	5.5
82	MP4C	X	-73.926	.5
83	MP4C	Z	128.044	.5
84	MP4C	Mx	.037	.5
85	MP4C	X	-73.926	5.5
86	MP4C	Z	128.044	5.5
87	MP4C	Mx	.037	5.5
88	MP1A	X	-42.761	.5
89	MP1A	Z	74.063	.5
90	MP1A	Mx	.021	.5
91	MP1A	X	-42.761	5.5
92	MP1A	Z	74.063	5.5
93	MP1A	Mx	.021	5.5
94	MP4A	X	-42.761	.5
95	MP4A	Z	74.063	.5
96	MP4A	Mx	.021	.5
97	MP4A	X	-42.761	5.5
98	MP4A	Z	74.063	5.5
99	MP4A	Mx	.021	5.5
100	MP1B	X	-75.054	.5
101	MP1B	Z	129.997	.5
102	MP1B	Mx	-.075	.5
103	MP1B	X	-75.054	5.5
104	MP1B	Z	129.997	5.5
105	MP1B	Mx	-.075	5.5
106	MP4B	X	-75.054	.5
107	MP4B	Z	129.997	.5
108	MP4B	Mx	-.075	.5
109	MP4B	X	-75.054	5.5
110	MP4B	Z	129.997	5.5
111	MP4B	Mx	-.075	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-97.742	.5
2	MP2A	Z	56.432	.5
3	MP2A	Mx	.082	.5
4	MP2A	X	-97.742	5.5
5	MP2A	Z	56.432	5.5
6	MP2A	Mx	.082	5.5
7	MP2B	X	-97.742	.5
8	MP2B	Z	56.432	.5
9	MP2B	Mx	-.016	.5
10	MP2B	X	-97.742	5.5
11	MP2B	Z	56.432	5.5
12	MP2B	Mx	-.016	5.5
13	MP2C	X	-111.412	.5
14	MP2C	Z	64.324	.5
15	MP2C	Mx	-.075	.5
16	MP2C	X	-111.412	5.5
17	MP2C	Z	64.324	5.5
18	MP2C	Mx	-.075	5.5
19	MP2A	X	-97.742	.5
20	MP2A	Z	56.432	.5
21	MP2A	Mx	.016	.5
22	MP2A	X	-97.742	5.5
23	MP2A	Z	56.432	5.5
24	MP2A	Mx	.016	5.5
25	MP2B	X	-97.742	.5
26	MP2B	Z	56.432	.5
27	MP2B	Mx	-.082	.5
28	MP2B	X	-97.742	5.5
29	MP2B	Z	56.432	5.5
30	MP2B	Mx	-.082	5.5
31	MP2C	X	-111.412	.5
32	MP2C	Z	64.324	.5
33	MP2C	Mx	.075	.5
34	MP2C	X	-111.412	5.5
35	MP2C	Z	64.324	5.5
36	MP2C	Mx	.075	5.5
37	MP3A	X	-35.014	2
38	MP3A	Z	20.215	2
39	MP3A	Mx	.018	2
40	MP3A	X	-35.014	4
41	MP3A	Z	20.215	4
42	MP3A	Mx	.018	4
43	MP3B	X	-35.014	2
44	MP3B	Z	20.215	2
45	MP3B	Mx	-.018	2
46	MP3B	X	-35.014	4
47	MP3B	Z	20.215	4
48	MP3B	Mx	-.018	4
49	MP3C	X	-64.408	2
50	MP3C	Z	37.186	2
51	MP3C	Mx	0	2
52	MP3C	X	-64.408	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
53	MP3C	Z	37.186	4
54	MP3C	Mx	0	4
55	M95A	X	-91.49	1.5
56	M95A	Z	52.822	1.5
57	M95A	Mx	0	1.5
58	MP2A	X	-38.508	2
59	MP2A	Z	22.232	2
60	MP2A	Mx	-.019	2
61	MP2B	X	-38.508	2
62	MP2B	Z	22.232	2
63	MP2B	Mx	.019	2
64	MP2C	X	-51.252	2
65	MP2C	Z	29.591	2
66	MP2C	Mx	0	2
67	MP1A	X	-33.626	2
68	MP1A	Z	19.414	2
69	MP1A	Mx	-.017	2
70	MP1B	X	-33.626	2
71	MP1B	Z	19.414	2
72	MP1B	Mx	.017	2
73	MP1C	X	-51.252	2
74	MP1C	Z	29.591	2
75	MP1C	Mx	0	2
76	MP1C	X	-131.557	.5
77	MP1C	Z	75.954	.5
78	MP1C	Mx	0	.5
79	MP1C	X	-131.557	5.5
80	MP1C	Z	75.954	5.5
81	MP1C	Mx	0	5.5
82	MP4C	X	-131.557	.5
83	MP4C	Z	75.954	.5
84	MP4C	Mx	0	.5
85	MP4C	X	-131.557	5.5
86	MP4C	Z	75.954	5.5
87	MP4C	Mx	0	5.5
88	MP1A	X	-103.515	.5
89	MP1A	Z	59.765	.5
90	MP1A	Mx	.052	.5
91	MP1A	X	-103.515	5.5
92	MP1A	Z	59.765	5.5
93	MP1A	Mx	.052	5.5
94	MP4A	X	-103.515	.5
95	MP4A	Z	59.765	.5
96	MP4A	Mx	.052	.5
97	MP4A	X	-103.515	5.5
98	MP4A	Z	59.765	5.5
99	MP4A	Mx	.052	5.5
100	MP1B	X	-112.332	.5
101	MP1B	Z	64.855	.5
102	MP1B	Mx	-.056	.5
103	MP1B	X	-112.332	5.5
104	MP1B	Z	64.855	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
105	MP1B	Mx	-.056	5.5
106	MP4B	X	-112.332	.5
107	MP4B	Z	64.855	.5
108	MP4B	Mx	-.056	.5
109	MP4B	X	-112.332	5.5
110	MP4B	Z	64.855	5.5
111	MP4B	Mx	-.056	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-107.602	.5
2	MP2A	Z	0	.5
3	MP2A	Mx	.054	.5
4	MP2A	X	-107.602	5.5
5	MP2A	Z	0	5.5
6	MP2A	Mx	.054	5.5
7	MP2B	X	-123.386	.5
8	MP2B	Z	0	.5
9	MP2B	Mx	.031	.5
10	MP2B	X	-123.386	5.5
11	MP2B	Z	0	5.5
12	MP2B	Mx	.031	5.5
13	MP2C	X	-123.386	.5
14	MP2C	Z	0	.5
15	MP2C	Mx	-.093	.5
16	MP2C	X	-123.386	5.5
17	MP2C	Z	0	5.5
18	MP2C	Mx	-.093	5.5
19	MP2A	X	-107.602	.5
20	MP2A	Z	0	.5
21	MP2A	Mx	.054	.5
22	MP2A	X	-107.602	5.5
23	MP2A	Z	0	5.5
24	MP2A	Mx	.054	5.5
25	MP2B	X	-123.386	.5
26	MP2B	Z	0	.5
27	MP2B	Mx	-.093	.5
28	MP2B	X	-123.386	5.5
29	MP2B	Z	0	5.5
30	MP2B	Mx	-.093	5.5
31	MP2C	X	-123.386	.5
32	MP2C	Z	0	.5
33	MP2C	Mx	.031	.5
34	MP2C	X	-123.386	5.5
35	MP2C	Z	0	5.5
36	MP2C	Mx	.031	5.5
37	MP3A	X	-29.116	2
38	MP3A	Z	0	2
39	MP3A	Mx	.015	2
40	MP3A	X	-29.116	4
41	MP3A	Z	0	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
42	MP3A	Mx	.015	4
43	MP3B	X	-63.058	2
44	MP3B	Z	0	2
45	MP3B	Mx	-.016	2
46	MP3B	X	-63.058	4
47	MP3B	Z	0	4
48	MP3B	Mx	-.016	4
49	MP3C	X	-63.058	2
50	MP3C	Z	0	2
51	MP3C	Mx	-.016	2
52	MP3C	X	-63.058	4
53	MP3C	Z	0	4
54	MP3C	Mx	-.016	4
55	M95A	X	-120.874	1.5
56	M95A	Z	0	1.5
57	M95A	Mx	0	1.5
58	MP2A	X	-39.56	2
59	MP2A	Z	0	2
60	MP2A	Mx	-.02	2
61	MP2B	X	-54.276	2
62	MP2B	Z	0	2
63	MP2B	Mx	.014	2
64	MP2C	X	-54.276	2
65	MP2C	Z	0	2
66	MP2C	Mx	.014	2
67	MP1A	X	-32.043	2
68	MP1A	Z	0	2
69	MP1A	Mx	-.016	2
70	MP1B	X	-52.397	2
71	MP1B	Z	0	2
72	MP1B	Mx	.013	2
73	MP1C	X	-52.397	2
74	MP1C	Z	0	2
75	MP1C	Mx	.013	2
76	MP1C	X	-147.853	.5
77	MP1C	Z	0	.5
78	MP1C	Mx	-.037	.5
79	MP1C	X	-147.853	5.5
80	MP1C	Z	0	5.5
81	MP1C	Mx	-.037	5.5
82	MP4C	X	-147.853	.5
83	MP4C	Z	0	.5
84	MP4C	Mx	-.037	.5
85	MP4C	X	-147.853	5.5
86	MP4C	Z	0	5.5
87	MP4C	Mx	-.037	5.5
88	MP1A	X	-136.533	.5
89	MP1A	Z	0	.5
90	MP1A	Mx	.068	.5
91	MP1A	X	-136.533	5.5
92	MP1A	Z	0	5.5
93	MP1A	Mx	.068	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
94	MP4A	X	-136.533	.5
95	MP4A	Z	0	.5
96	MP4A	Mx	.068	.5
97	MP4A	X	-136.533	5.5
98	MP4A	Z	0	5.5
99	MP4A	Mx	.068	5.5
100	MP1B	X	-88.915	.5
101	MP1B	Z	0	.5
102	MP1B	Mx	-.022	.5
103	MP1B	X	-88.915	5.5
104	MP1B	Z	0	5.5
105	MP1B	Mx	-.022	5.5
106	MP4B	X	-88.915	.5
107	MP4B	Z	0	.5
108	MP4B	Mx	-.022	.5
109	MP4B	X	-88.915	5.5
110	MP4B	Z	0	5.5
111	MP4B	Mx	-.022	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-97.742	.5
2	MP2A	Z	-56.432	.5
3	MP2A	Mx	.016	.5
4	MP2A	X	-97.742	5.5
5	MP2A	Z	-56.432	5.5
6	MP2A	Mx	.016	5.5
7	MP2B	X	-111.412	.5
8	MP2B	Z	-64.324	.5
9	MP2B	Mx	.075	.5
10	MP2B	X	-111.412	5.5
11	MP2B	Z	-64.324	5.5
12	MP2B	Mx	.075	5.5
13	MP2C	X	-97.742	.5
14	MP2C	Z	-56.432	.5
15	MP2C	Mx	-.082	.5
16	MP2C	X	-97.742	5.5
17	MP2C	Z	-56.432	5.5
18	MP2C	Mx	-.082	5.5
19	MP2A	X	-97.742	.5
20	MP2A	Z	-56.432	.5
21	MP2A	Mx	.082	.5
22	MP2A	X	-97.742	5.5
23	MP2A	Z	-56.432	5.5
24	MP2A	Mx	.082	5.5
25	MP2B	X	-111.412	.5
26	MP2B	Z	-64.324	.5
27	MP2B	Mx	-.075	.5
28	MP2B	X	-111.412	5.5
29	MP2B	Z	-64.324	5.5
30	MP2B	Mx	-.075	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
31	MP2C	X	-97.742	.5
32	MP2C	Z	-56.432	.5
33	MP2C	Mx	-.016	.5
34	MP2C	X	-97.742	5.5
35	MP2C	Z	-56.432	5.5
36	MP2C	Mx	-.016	5.5
37	MP3A	X	-35.014	2
38	MP3A	Z	-20.215	2
39	MP3A	Mx	.018	2
40	MP3A	X	-35.014	4
41	MP3A	Z	-20.215	4
42	MP3A	Mx	.018	4
43	MP3B	X	-64.408	2
44	MP3B	Z	-37.186	2
45	MP3B	Mx	0	2
46	MP3B	X	-64.408	4
47	MP3B	Z	-37.186	4
48	MP3B	Mx	0	4
49	MP3C	X	-35.014	2
50	MP3C	Z	-20.215	2
51	MP3C	Mx	-.018	2
52	MP3C	X	-35.014	4
53	MP3C	Z	-20.215	4
54	MP3C	Mx	-.018	4
55	M95A	X	-111.275	1.5
56	M95A	Z	-64.245	1.5
57	M95A	Mx	0	1.5
58	MP2A	X	-38.508	2
59	MP2A	Z	-22.232	2
60	MP2A	Mx	-.019	2
61	MP2B	X	-51.252	2
62	MP2B	Z	-29.591	2
63	MP2B	Mx	0	2
64	MP2C	X	-38.508	2
65	MP2C	Z	-22.232	2
66	MP2C	Mx	.019	2
67	MP1A	X	-33.626	2
68	MP1A	Z	-19.414	2
69	MP1A	Mx	-.017	2
70	MP1B	X	-51.252	2
71	MP1B	Z	-29.591	2
72	MP1B	Mx	0	2
73	MP1C	X	-33.626	2
74	MP1C	Z	-19.414	2
75	MP1C	Mx	.017	2
76	MP1C	X	-121.019	.5
77	MP1C	Z	-69.87	.5
78	MP1C	Mx	-.061	.5
79	MP1C	X	-121.019	5.5
80	MP1C	Z	-69.87	5.5
81	MP1C	Mx	-.061	5.5
82	MP4C	X	-121.019	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
83	MP4C	Z	-69.87	.5
84	MP4C	Mx	-.061	.5
85	MP4C	X	-121.019	5.5
86	MP4C	Z	-69.87	5.5
87	MP4C	Mx	-.061	5.5
88	MP1A	X	-103.515	.5
89	MP1A	Z	-59.765	.5
90	MP1A	Mx	.052	.5
91	MP1A	X	-103.515	5.5
92	MP1A	Z	-59.765	5.5
93	MP1A	Mx	.052	5.5
94	MP4A	X	-103.515	.5
95	MP4A	Z	-59.765	.5
96	MP4A	Mx	.052	.5
97	MP4A	X	-103.515	5.5
98	MP4A	Z	-59.765	5.5
99	MP4A	Mx	.052	5.5
100	MP1B	X	-59.338	.5
101	MP1B	Z	-34.259	.5
102	MP1B	Mx	0	.5
103	MP1B	X	-59.338	5.5
104	MP1B	Z	-34.259	5.5
105	MP1B	Mx	0	5.5
106	MP4B	X	-59.338	.5
107	MP4B	Z	-34.259	.5
108	MP4B	Mx	0	.5
109	MP4B	X	-59.338	5.5
110	MP4B	Z	-34.259	5.5
111	MP4B	Mx	0	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-61.693	.5
2	MP2A	Z	-106.855	.5
3	MP2A	Mx	-.031	.5
4	MP2A	X	-61.693	5.5
5	MP2A	Z	-106.855	5.5
6	MP2A	Mx	-.031	5.5
7	MP2B	X	-61.693	.5
8	MP2B	Z	-106.855	.5
9	MP2B	Mx	.093	.5
10	MP2B	X	-61.693	5.5
11	MP2B	Z	-106.855	5.5
12	MP2B	Mx	.093	5.5
13	MP2C	X	-53.801	.5
14	MP2C	Z	-93.186	.5
15	MP2C	Mx	-.054	.5
16	MP2C	X	-53.801	5.5
17	MP2C	Z	-93.186	5.5
18	MP2C	Mx	-.054	5.5
19	MP2A	X	-61.693	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
20	MP2A	Z	-106.855	.5
21	MP2A	Mx	.093	.5
22	MP2A	X	-61.693	5.5
23	MP2A	Z	-106.855	5.5
24	MP2A	Mx	.093	5.5
25	MP2B	X	-61.693	.5
26	MP2B	Z	-106.855	.5
27	MP2B	Mx	-.031	.5
28	MP2B	X	-61.693	5.5
29	MP2B	Z	-106.855	5.5
30	MP2B	Mx	-.031	5.5
31	MP2C	X	-53.801	.5
32	MP2C	Z	-93.186	.5
33	MP2C	Mx	-.054	.5
34	MP2C	X	-53.801	5.5
35	MP2C	Z	-93.186	5.5
36	MP2C	Mx	-.054	5.5
37	MP3A	X	-31.529	2
38	MP3A	Z	-54.61	2
39	MP3A	Mx	.016	2
40	MP3A	X	-31.529	4
41	MP3A	Z	-54.61	4
42	MP3A	Mx	.016	4
43	MP3B	X	-31.529	2
44	MP3B	Z	-54.61	2
45	MP3B	Mx	.016	2
46	MP3B	X	-31.529	4
47	MP3B	Z	-54.61	4
48	MP3B	Mx	.016	4
49	MP3C	X	-14.558	2
50	MP3C	Z	-25.216	2
51	MP3C	Mx	-.015	2
52	MP3C	X	-14.558	4
53	MP3C	Z	-25.216	4
54	MP3C	Mx	-.015	4
55	M95A	X	-60.437	1.5
56	M95A	Z	-104.68	1.5
57	M95A	Mx	0	1.5
58	MP2A	X	-27.138	2
59	MP2A	Z	-47.004	2
60	MP2A	Mx	-.014	2
61	MP2B	X	-27.138	2
62	MP2B	Z	-47.004	2
63	MP2B	Mx	-.014	2
64	MP2C	X	-19.78	2
65	MP2C	Z	-34.26	2
66	MP2C	Mx	.02	2
67	MP1A	X	-26.198	2
68	MP1A	Z	-45.377	2
69	MP1A	Mx	-.013	2
70	MP1B	X	-26.198	2
71	MP1B	Z	-45.377	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
72	MP1B	Mx	-.013	2
73	MP1C	X	-16.022	2
74	MP1C	Z	-27.75	2
75	MP1C	Mx	.016	2
76	MP1C	X	-67.843	.5
77	MP1C	Z	-117.507	.5
78	MP1C	Mx	-.068	.5
79	MP1C	X	-67.843	5.5
80	MP1C	Z	-117.507	5.5
81	MP1C	Mx	-.068	5.5
82	MP4C	X	-67.843	.5
83	MP4C	Z	-117.507	.5
84	MP4C	Mx	-.068	.5
85	MP4C	X	-67.843	5.5
86	MP4C	Z	-117.507	5.5
87	MP4C	Mx	-.068	5.5
88	MP1A	X	-42.761	.5
89	MP1A	Z	-74.063	.5
90	MP1A	Mx	.021	.5
91	MP1A	X	-42.761	5.5
92	MP1A	Z	-74.063	5.5
93	MP1A	Mx	.021	5.5
94	MP4A	X	-42.761	.5
95	MP4A	Z	-74.063	.5
96	MP4A	Mx	.021	.5
97	MP4A	X	-42.761	5.5
98	MP4A	Z	-74.063	5.5
99	MP4A	Mx	.021	5.5
100	MP1B	X	-44.457	.5
101	MP1B	Z	-77.002	.5
102	MP1B	Mx	.022	.5
103	MP1B	X	-44.457	5.5
104	MP1B	Z	-77.002	5.5
105	MP1B	Mx	.022	5.5
106	MP4B	X	-44.457	.5
107	MP4B	Z	-77.002	.5
108	MP4B	Mx	.022	.5
109	MP4B	X	-44.457	5.5
110	MP4B	Z	-77.002	5.5
111	MP4B	Mx	.022	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	.5
2	MP2A	Z	-26.862	.5
3	MP2A	Mx	-.016	.5
4	MP2A	X	0	5.5
5	MP2A	Z	-26.862	5.5
6	MP2A	Mx	-.016	5.5
7	MP2B	X	0	.5
8	MP2B	Z	-23.814	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
9	MP2B	Mx	.017	.5
10	MP2B	X	0	5.5
11	MP2B	Z	-23.814	5.5
12	MP2B	Mx	.017	5.5
13	MP2C	X	0	.5
14	MP2C	Z	-23.814	.5
15	MP2C	Mx	-.003	.5
16	MP2C	X	0	5.5
17	MP2C	Z	-23.814	5.5
18	MP2C	Mx	-.003	5.5
19	MP2A	X	0	.5
20	MP2A	Z	-26.862	.5
21	MP2A	Mx	.016	.5
22	MP2A	X	0	5.5
23	MP2A	Z	-26.862	5.5
24	MP2A	Mx	.016	5.5
25	MP2B	X	0	.5
26	MP2B	Z	-23.814	.5
27	MP2B	Mx	.003	.5
28	MP2B	X	0	5.5
29	MP2B	Z	-23.814	5.5
30	MP2B	Mx	.003	5.5
31	MP2C	X	0	.5
32	MP2C	Z	-23.814	.5
33	MP2C	Mx	-.017	.5
34	MP2C	X	0	5.5
35	MP2C	Z	-23.814	5.5
36	MP2C	Mx	-.017	5.5
37	MP3A	X	0	2
38	MP3A	Z	-15.906	2
39	MP3A	Mx	0	2
40	MP3A	X	0	4
41	MP3A	Z	-15.906	4
42	MP3A	Mx	0	4
43	MP3B	X	0	2
44	MP3B	Z	-9.063	2
45	MP3B	Mx	.004	2
46	MP3B	X	0	4
47	MP3B	Z	-9.063	4
48	MP3B	Mx	.004	4
49	MP3C	X	0	2
50	MP3C	Z	-9.063	2
51	MP3C	Mx	-.004	2
52	MP3C	X	0	4
53	MP3C	Z	-9.063	4
54	MP3C	Mx	-.004	4
55	M95A	X	0	1.5
56	M95A	Z	-23.051	1.5
57	M95A	Mx	0	1.5
58	MP2A	X	0	2
59	MP2A	Z	-13.415	2
60	MP2A	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
61	MP2B	X	0	2
62	MP2B	Z	-10.355	2
63	MP2B	Mx	-.004	2
64	MP2C	X	0	2
65	MP2C	Z	-10.355	2
66	MP2C	Mx	.004	2
67	MP1A	X	0	2
68	MP1A	Z	-13.415	2
69	MP1A	Mx	0	2
70	MP1B	X	0	2
71	MP1B	Z	-9.193	2
72	MP1B	Mx	-.004	2
73	MP1C	X	0	2
74	MP1C	Z	-9.193	2
75	MP1C	Mx	.004	2
76	MP1C	X	0	.5
77	MP1C	Z	-29.006	.5
78	MP1C	Mx	-.013	.5
79	MP1C	X	0	5.5
80	MP1C	Z	-29.006	5.5
81	MP1C	Mx	-.013	5.5
82	MP4C	X	0	.5
83	MP4C	Z	-29.006	.5
84	MP4C	Mx	-.013	.5
85	MP4C	X	0	5.5
86	MP4C	Z	-29.006	5.5
87	MP4C	Mx	-.013	5.5
88	MP1A	X	0	.5
89	MP1A	Z	-15.23	.5
90	MP1A	Mx	0	.5
91	MP1A	X	0	5.5
92	MP1A	Z	-15.23	5.5
93	MP1A	Mx	0	5.5
94	MP4A	X	0	.5
95	MP4A	Z	-15.23	.5
96	MP4A	Mx	0	.5
97	MP4A	X	0	5.5
98	MP4A	Z	-15.23	5.5
99	MP4A	Mx	0	5.5
100	MP1B	X	0	.5
101	MP1B	Z	-27.083	.5
102	MP1B	Mx	.012	.5
103	MP1B	X	0	5.5
104	MP1B	Z	-27.083	5.5
105	MP1B	Mx	.012	5.5
106	MP4B	X	0	.5
107	MP4B	Z	-27.083	.5
108	MP4B	Mx	.012	.5
109	MP4B	X	0	5.5
110	MP4B	Z	-27.083	5.5
111	MP4B	Mx	.012	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	12.923	.5
2	MP2A	Z	-22.383	.5
3	MP2A	Mx	-.02	.5
4	MP2A	X	12.923	5.5
5	MP2A	Z	-22.383	5.5
6	MP2A	Mx	-.02	5.5
7	MP2B	X	11.399	.5
8	MP2B	Z	-19.743	.5
9	MP2B	Mx	.011	.5
10	MP2B	X	11.399	5.5
11	MP2B	Z	-19.743	5.5
12	MP2B	Mx	.011	5.5
13	MP2C	X	12.923	.5
14	MP2C	Z	-22.383	.5
15	MP2C	Mx	.007	.5
16	MP2C	X	12.923	5.5
17	MP2C	Z	-22.383	5.5
18	MP2C	Mx	.007	5.5
19	MP2A	X	12.923	.5
20	MP2A	Z	-22.383	.5
21	MP2A	Mx	.007	.5
22	MP2A	X	12.923	5.5
23	MP2A	Z	-22.383	5.5
24	MP2A	Mx	.007	5.5
25	MP2B	X	11.399	.5
26	MP2B	Z	-19.743	.5
27	MP2B	Mx	.011	.5
28	MP2B	X	11.399	5.5
29	MP2B	Z	-19.743	5.5
30	MP2B	Mx	.011	5.5
31	MP2C	X	12.923	.5
32	MP2C	Z	-22.383	.5
33	MP2C	Mx	-.02	.5
34	MP2C	X	12.923	5.5
35	MP2C	Z	-22.383	5.5
36	MP2C	Mx	-.02	5.5
37	MP3A	X	6.812	2
38	MP3A	Z	-11.799	2
39	MP3A	Mx	-.003	2
40	MP3A	X	6.812	4
41	MP3A	Z	-11.799	4
42	MP3A	Mx	-.003	4
43	MP3B	X	3.391	2
44	MP3B	Z	-5.874	2
45	MP3B	Mx	.003	2
46	MP3B	X	3.391	4
47	MP3B	Z	-5.874	4
48	MP3B	Mx	.003	4
49	MP3C	X	6.812	2
50	MP3C	Z	-11.799	2
51	MP3C	Mx	-.003	2
52	MP3C	X	6.812	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
53	MP3C	Z	-11.799	4
54	MP3C	Mx	-.003	4
55	M95A	X	10.775	1.5
56	M95A	Z	-18.663	1.5
57	M95A	Mx	0	1.5
58	MP2A	X	6.197	2
59	MP2A	Z	-10.734	2
60	MP2A	Mx	.003	2
61	MP2B	X	4.668	2
62	MP2B	Z	-8.085	2
63	MP2B	Mx	-.005	2
64	MP2C	X	6.197	2
65	MP2C	Z	-10.734	2
66	MP2C	Mx	.003	2
67	MP1A	X	6.004	2
68	MP1A	Z	-10.399	2
69	MP1A	Mx	.003	2
70	MP1B	X	3.893	2
71	MP1B	Z	-6.743	2
72	MP1B	Mx	-.004	2
73	MP1C	X	6.004	2
74	MP1C	Z	-10.399	2
75	MP1C	Mx	.003	2
76	MP1C	X	15.289	.5
77	MP1C	Z	-26.482	.5
78	MP1C	Mx	-.008	.5
79	MP1C	X	15.289	5.5
80	MP1C	Z	-26.482	5.5
81	MP1C	Mx	-.008	5.5
82	MP4C	X	15.289	.5
83	MP4C	Z	-26.482	.5
84	MP4C	Mx	-.008	.5
85	MP4C	X	15.289	5.5
86	MP4C	Z	-26.482	5.5
87	MP4C	Mx	-.008	5.5
88	MP1A	X	9.259	.5
89	MP1A	Z	-16.038	.5
90	MP1A	Mx	-.005	.5
91	MP1A	X	9.259	5.5
92	MP1A	Z	-16.038	5.5
93	MP1A	Mx	-.005	5.5
94	MP4A	X	9.259	.5
95	MP4A	Z	-16.038	.5
96	MP4A	Mx	-.005	.5
97	MP4A	X	9.259	5.5
98	MP4A	Z	-16.038	5.5
99	MP4A	Mx	-.005	5.5
100	MP1B	X	15.517	.5
101	MP1B	Z	-26.877	.5
102	MP1B	Mx	.016	.5
103	MP1B	X	15.517	5.5
104	MP1B	Z	-26.877	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
105	MP1B	Mx	.016	5.5
106	MP4B	X	15.517	.5
107	MP4B	Z	-26.877	.5
108	MP4B	Mx	.016	.5
109	MP4B	X	15.517	5.5
110	MP4B	Z	-26.877	5.5
111	MP4B	Mx	.016	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	20.623	.5
2	MP2A	Z	-11.907	.5
3	MP2A	Mx	-.017	.5
4	MP2A	X	20.623	5.5
5	MP2A	Z	-11.907	5.5
6	MP2A	Mx	-.017	5.5
7	MP2B	X	20.623	.5
8	MP2B	Z	-11.907	.5
9	MP2B	Mx	.003	.5
10	MP2B	X	20.623	5.5
11	MP2B	Z	-11.907	5.5
12	MP2B	Mx	.003	5.5
13	MP2C	X	23.263	.5
14	MP2C	Z	-13.431	.5
15	MP2C	Mx	.016	.5
16	MP2C	X	23.263	5.5
17	MP2C	Z	-13.431	5.5
18	MP2C	Mx	.016	5.5
19	MP2A	X	20.623	.5
20	MP2A	Z	-11.907	.5
21	MP2A	Mx	-.003	.5
22	MP2A	X	20.623	5.5
23	MP2A	Z	-11.907	5.5
24	MP2A	Mx	-.003	5.5
25	MP2B	X	20.623	.5
26	MP2B	Z	-11.907	.5
27	MP2B	Mx	.017	.5
28	MP2B	X	20.623	5.5
29	MP2B	Z	-11.907	5.5
30	MP2B	Mx	.017	5.5
31	MP2C	X	23.263	.5
32	MP2C	Z	-13.431	.5
33	MP2C	Mx	-.016	.5
34	MP2C	X	23.263	5.5
35	MP2C	Z	-13.431	5.5
36	MP2C	Mx	-.016	5.5
37	MP3A	X	7.849	2
38	MP3A	Z	-4.532	2
39	MP3A	Mx	-.004	2
40	MP3A	X	7.849	4
41	MP3A	Z	-4.532	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
42	MP3A	Mx	-.004	4
43	MP3B	X	7.849	2
44	MP3B	Z	-4.532	2
45	MP3B	Mx	.004	2
46	MP3B	X	7.849	4
47	MP3B	Z	-4.532	4
48	MP3B	Mx	.004	4
49	MP3C	X	13.775	2
50	MP3C	Z	-7.953	2
51	MP3C	Mx	0	2
52	MP3C	X	13.775	4
53	MP3C	Z	-7.953	4
54	MP3C	Mx	0	4
55	M95A	X	19.962	1.5
56	M95A	Z	-11.525	1.5
57	M95A	Mx	0	1.5
58	MP2A	X	8.968	2
59	MP2A	Z	-5.178	2
60	MP2A	Mx	.004	2
61	MP2B	X	8.968	2
62	MP2B	Z	-5.178	2
63	MP2B	Mx	-.004	2
64	MP2C	X	11.617	2
65	MP2C	Z	-6.707	2
66	MP2C	Mx	0	2
67	MP1A	X	7.961	2
68	MP1A	Z	-4.596	2
69	MP1A	Mx	.004	2
70	MP1B	X	7.961	2
71	MP1B	Z	-4.596	2
72	MP1B	Mx	-.004	2
73	MP1C	X	11.617	2
74	MP1C	Z	-6.707	2
75	MP1C	Mx	0	2
76	MP1C	X	27.163	.5
77	MP1C	Z	-15.683	.5
78	MP1C	Mx	0	.5
79	MP1C	X	27.163	5.5
80	MP1C	Z	-15.683	5.5
81	MP1C	Mx	0	5.5
82	MP4C	X	27.163	.5
83	MP4C	Z	-15.683	.5
84	MP4C	Mx	0	.5
85	MP4C	X	27.163	5.5
86	MP4C	Z	-15.683	5.5
87	MP4C	Mx	0	5.5
88	MP1A	X	21.734	.5
89	MP1A	Z	-12.548	.5
90	MP1A	Mx	-.011	.5
91	MP1A	X	21.734	5.5
92	MP1A	Z	-12.548	5.5
93	MP1A	Mx	-.011	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
94	MP4A	X	21.734	.5
95	MP4A	Z	-12.548	.5
96	MP4A	Mx	-.011	.5
97	MP4A	X	21.734	5.5
98	MP4A	Z	-12.548	5.5
99	MP4A	Mx	-.011	5.5
100	MP1B	X	23.455	.5
101	MP1B	Z	-13.542	.5
102	MP1B	Mx	.012	.5
103	MP1B	X	23.455	5.5
104	MP1B	Z	-13.542	5.5
105	MP1B	Mx	.012	5.5
106	MP4B	X	23.455	.5
107	MP4B	Z	-13.542	.5
108	MP4B	Mx	.012	.5
109	MP4B	X	23.455	5.5
110	MP4B	Z	-13.542	5.5
111	MP4B	Mx	.012	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	22.798	.5
2	MP2A	Z	0	.5
3	MP2A	Mx	-.011	.5
4	MP2A	X	22.798	5.5
5	MP2A	Z	0	5.5
6	MP2A	Mx	-.011	5.5
7	MP2B	X	25.846	.5
8	MP2B	Z	0	.5
9	MP2B	Mx	-.007	.5
10	MP2B	X	25.846	5.5
11	MP2B	Z	0	5.5
12	MP2B	Mx	-.007	5.5
13	MP2C	X	25.846	.5
14	MP2C	Z	0	.5
15	MP2C	Mx	.02	.5
16	MP2C	X	25.846	5.5
17	MP2C	Z	0	5.5
18	MP2C	Mx	.02	5.5
19	MP2A	X	22.798	.5
20	MP2A	Z	0	.5
21	MP2A	Mx	-.011	.5
22	MP2A	X	22.798	5.5
23	MP2A	Z	0	5.5
24	MP2A	Mx	-.011	5.5
25	MP2B	X	25.846	.5
26	MP2B	Z	0	.5
27	MP2B	Mx	.02	.5
28	MP2B	X	25.846	5.5
29	MP2B	Z	0	5.5
30	MP2B	Mx	.02	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
31	MP2C	X	25.846	.5
32	MP2C	Z	0	.5
33	MP2C	Mx	-.007	.5
34	MP2C	X	25.846	5.5
35	MP2C	Z	0	5.5
36	MP2C	Mx	-.007	5.5
37	MP3A	X	6.782	2
38	MP3A	Z	0	2
39	MP3A	Mx	-.003	2
40	MP3A	X	6.782	4
41	MP3A	Z	0	4
42	MP3A	Mx	-.003	4
43	MP3B	X	13.625	2
44	MP3B	Z	0	2
45	MP3B	Mx	.003	2
46	MP3B	X	13.625	4
47	MP3B	Z	0	4
48	MP3B	Mx	.003	4
49	MP3C	X	13.625	2
50	MP3C	Z	0	2
51	MP3C	Mx	.003	2
52	MP3C	X	13.625	4
53	MP3C	Z	0	4
54	MP3C	Mx	.003	4
55	M95A	X	26.051	1.5
56	M95A	Z	0	1.5
57	M95A	Mx	0	1.5
58	MP2A	X	9.336	2
59	MP2A	Z	0	2
60	MP2A	Mx	.005	2
61	MP2B	X	12.395	2
62	MP2B	Z	0	2
63	MP2B	Mx	-.003	2
64	MP2C	X	12.395	2
65	MP2C	Z	0	2
66	MP2C	Mx	-.003	2
67	MP1A	X	7.786	2
68	MP1A	Z	0	2
69	MP1A	Mx	.004	2
70	MP1B	X	12.007	2
71	MP1B	Z	0	2
72	MP1B	Mx	-.003	2
73	MP1C	X	12.007	2
74	MP1C	Z	0	2
75	MP1C	Mx	-.003	2
76	MP1C	X	30.579	.5
77	MP1C	Z	0	.5
78	MP1C	Mx	.008	.5
79	MP1C	X	30.579	5.5
80	MP1C	Z	0	5.5
81	MP1C	Mx	.008	5.5
82	MP4C	X	30.579	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
83	MP4C	Z	0	.5
84	MP4C	Mx	.008	.5
85	MP4C	X	30.579	5.5
86	MP4C	Z	0	5.5
87	MP4C	Mx	.008	5.5
88	MP1A	X	28.385	.5
89	MP1A	Z	0	.5
90	MP1A	Mx	-.014	.5
91	MP1A	X	28.385	5.5
92	MP1A	Z	0	5.5
93	MP1A	Mx	-.014	5.5
94	MP4A	X	28.385	.5
95	MP4A	Z	0	.5
96	MP4A	Mx	-.014	.5
97	MP4A	X	28.385	5.5
98	MP4A	Z	0	5.5
99	MP4A	Mx	-.014	5.5
100	MP1B	X	19.181	.5
101	MP1B	Z	0	.5
102	MP1B	Mx	.005	.5
103	MP1B	X	19.181	5.5
104	MP1B	Z	0	5.5
105	MP1B	Mx	.005	5.5
106	MP4B	X	19.181	.5
107	MP4B	Z	0	.5
108	MP4B	Mx	.005	.5
109	MP4B	X	19.181	5.5
110	MP4B	Z	0	5.5
111	MP4B	Mx	.005	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	20.623	.5
2	MP2A	Z	11.907	.5
3	MP2A	Mx	-.003	.5
4	MP2A	X	20.623	5.5
5	MP2A	Z	11.907	5.5
6	MP2A	Mx	-.003	5.5
7	MP2B	X	23.263	.5
8	MP2B	Z	13.431	.5
9	MP2B	Mx	-.016	.5
10	MP2B	X	23.263	5.5
11	MP2B	Z	13.431	5.5
12	MP2B	Mx	-.016	5.5
13	MP2C	X	20.623	.5
14	MP2C	Z	11.907	.5
15	MP2C	Mx	.017	.5
16	MP2C	X	20.623	5.5
17	MP2C	Z	11.907	5.5
18	MP2C	Mx	.017	5.5
19	MP2A	X	20.623	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
20	MP2A	Z	11.907	.5
21	MP2A	Mx	-.017	.5
22	MP2A	X	20.623	5.5
23	MP2A	Z	11.907	5.5
24	MP2A	Mx	-.017	5.5
25	MP2B	X	23.263	.5
26	MP2B	Z	13.431	.5
27	MP2B	Mx	.016	.5
28	MP2B	X	23.263	5.5
29	MP2B	Z	13.431	5.5
30	MP2B	Mx	.016	5.5
31	MP2C	X	20.623	.5
32	MP2C	Z	11.907	.5
33	MP2C	Mx	.003	.5
34	MP2C	X	20.623	5.5
35	MP2C	Z	11.907	5.5
36	MP2C	Mx	.003	5.5
37	MP3A	X	7.849	2
38	MP3A	Z	4.532	2
39	MP3A	Mx	-.004	2
40	MP3A	X	7.849	4
41	MP3A	Z	4.532	4
42	MP3A	Mx	-.004	4
43	MP3B	X	13.775	2
44	MP3B	Z	7.953	2
45	MP3B	Mx	0	2
46	MP3B	X	13.775	4
47	MP3B	Z	7.953	4
48	MP3B	Mx	0	4
49	MP3C	X	7.849	2
50	MP3C	Z	4.532	2
51	MP3C	Mx	.004	2
52	MP3C	X	7.849	4
53	MP3C	Z	4.532	4
54	MP3C	Mx	.004	4
55	M95A	X	23.86	1.5
56	M95A	Z	13.776	1.5
57	M95A	Mx	0	1.5
58	MP2A	X	8.968	2
59	MP2A	Z	5.178	2
60	MP2A	Mx	.004	2
61	MP2B	X	11.617	2
62	MP2B	Z	6.707	2
63	MP2B	Mx	0	2
64	MP2C	X	8.968	2
65	MP2C	Z	5.178	2
66	MP2C	Mx	-.004	2
67	MP1A	X	7.961	2
68	MP1A	Z	4.596	2
69	MP1A	Mx	.004	2
70	MP1B	X	11.617	2
71	MP1B	Z	6.707	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
72	MP1B	Mx	0	2
73	MP1C	X	7.961	2
74	MP1C	Z	4.596	2
75	MP1C	Mx	-.004	2
76	MP1C	X	25.12	.5
77	MP1C	Z	14.503	.5
78	MP1C	Mx	.013	.5
79	MP1C	X	25.12	5.5
80	MP1C	Z	14.503	5.5
81	MP1C	Mx	.013	5.5
82	MP4C	X	25.12	.5
83	MP4C	Z	14.503	.5
84	MP4C	Mx	.013	.5
85	MP4C	X	25.12	5.5
86	MP4C	Z	14.503	5.5
87	MP4C	Mx	.013	5.5
88	MP1A	X	21.734	.5
89	MP1A	Z	12.548	.5
90	MP1A	Mx	-.011	.5
91	MP1A	X	21.734	5.5
92	MP1A	Z	12.548	5.5
93	MP1A	Mx	-.011	5.5
94	MP4A	X	21.734	.5
95	MP4A	Z	12.548	.5
96	MP4A	Mx	-.011	.5
97	MP4A	X	21.734	5.5
98	MP4A	Z	12.548	5.5
99	MP4A	Mx	-.011	5.5
100	MP1B	X	13.19	.5
101	MP1B	Z	7.615	.5
102	MP1B	Mx	0	.5
103	MP1B	X	13.19	5.5
104	MP1B	Z	7.615	5.5
105	MP1B	Mx	0	5.5
106	MP4B	X	13.19	.5
107	MP4B	Z	7.615	.5
108	MP4B	Mx	0	.5
109	MP4B	X	13.19	5.5
110	MP4B	Z	7.615	5.5
111	MP4B	Mx	0	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	12.923	.5
2	MP2A	Z	22.383	.5
3	MP2A	Mx	.007	.5
4	MP2A	X	12.923	5.5
5	MP2A	Z	22.383	5.5
6	MP2A	Mx	.007	5.5
7	MP2B	X	12.923	.5
8	MP2B	Z	22.383	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
9	MP2B	Mx	-.02	.5
10	MP2B	X	12.923	5.5
11	MP2B	Z	22.383	5.5
12	MP2B	Mx	-.02	5.5
13	MP2C	X	11.399	.5
14	MP2C	Z	19.743	.5
15	MP2C	Mx	.011	.5
16	MP2C	X	11.399	5.5
17	MP2C	Z	19.743	5.5
18	MP2C	Mx	.011	5.5
19	MP2A	X	12.923	.5
20	MP2A	Z	22.383	.5
21	MP2A	Mx	-.02	.5
22	MP2A	X	12.923	5.5
23	MP2A	Z	22.383	5.5
24	MP2A	Mx	-.02	5.5
25	MP2B	X	12.923	.5
26	MP2B	Z	22.383	.5
27	MP2B	Mx	.007	.5
28	MP2B	X	12.923	5.5
29	MP2B	Z	22.383	5.5
30	MP2B	Mx	.007	5.5
31	MP2C	X	11.399	.5
32	MP2C	Z	19.743	.5
33	MP2C	Mx	.011	.5
34	MP2C	X	11.399	5.5
35	MP2C	Z	19.743	5.5
36	MP2C	Mx	.011	5.5
37	MP3A	X	6.812	2
38	MP3A	Z	11.799	2
39	MP3A	Mx	-.003	2
40	MP3A	X	6.812	4
41	MP3A	Z	11.799	4
42	MP3A	Mx	-.003	4
43	MP3B	X	6.812	2
44	MP3B	Z	11.799	2
45	MP3B	Mx	-.003	2
46	MP3B	X	6.812	4
47	MP3B	Z	11.799	4
48	MP3B	Mx	-.003	4
49	MP3C	X	3.391	2
50	MP3C	Z	5.874	2
51	MP3C	Mx	.003	2
52	MP3C	X	3.391	4
53	MP3C	Z	5.874	4
54	MP3C	Mx	.003	4
55	M95A	X	13.025	1.5
56	M95A	Z	22.561	1.5
57	M95A	Mx	0	1.5
58	MP2A	X	6.197	2
59	MP2A	Z	10.734	2
60	MP2A	Mx	.003	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
61	MP2B	X	6.197	2
62	MP2B	Z	10.734	2
63	MP2B	Mx	.003	2
64	MP2C	X	4.668	2
65	MP2C	Z	8.085	2
66	MP2C	Mx	-.005	2
67	MP1A	X	6.004	2
68	MP1A	Z	10.399	2
69	MP1A	Mx	.003	2
70	MP1B	X	6.004	2
71	MP1B	Z	10.399	2
72	MP1B	Mx	.003	2
73	MP1C	X	3.893	2
74	MP1C	Z	6.743	2
75	MP1C	Mx	-.004	2
76	MP1C	X	14.109	.5
77	MP1C	Z	24.438	.5
78	MP1C	Mx	.014	.5
79	MP1C	X	14.109	5.5
80	MP1C	Z	24.438	5.5
81	MP1C	Mx	.014	5.5
82	MP4C	X	14.109	.5
83	MP4C	Z	24.438	.5
84	MP4C	Mx	.014	.5
85	MP4C	X	14.109	5.5
86	MP4C	Z	24.438	5.5
87	MP4C	Mx	.014	5.5
88	MP1A	X	9.259	.5
89	MP1A	Z	16.038	.5
90	MP1A	Mx	-.005	.5
91	MP1A	X	9.259	5.5
92	MP1A	Z	16.038	5.5
93	MP1A	Mx	-.005	5.5
94	MP4A	X	9.259	.5
95	MP4A	Z	16.038	.5
96	MP4A	Mx	-.005	.5
97	MP4A	X	9.259	5.5
98	MP4A	Z	16.038	5.5
99	MP4A	Mx	-.005	5.5
100	MP1B	X	9.591	.5
101	MP1B	Z	16.611	.5
102	MP1B	Mx	-.005	.5
103	MP1B	X	9.591	5.5
104	MP1B	Z	16.611	5.5
105	MP1B	Mx	-.005	5.5
106	MP4B	X	9.591	.5
107	MP4B	Z	16.611	.5
108	MP4B	Mx	-.005	.5
109	MP4B	X	9.591	5.5
110	MP4B	Z	16.611	5.5
111	MP4B	Mx	-.005	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	.5
2	MP2A	Z	26.862	.5
3	MP2A	Mx	.016	.5
4	MP2A	X	0	5.5
5	MP2A	Z	26.862	5.5
6	MP2A	Mx	.016	5.5
7	MP2B	X	0	.5
8	MP2B	Z	23.814	.5
9	MP2B	Mx	-.017	.5
10	MP2B	X	0	5.5
11	MP2B	Z	23.814	5.5
12	MP2B	Mx	-.017	5.5
13	MP2C	X	0	.5
14	MP2C	Z	23.814	.5
15	MP2C	Mx	.003	.5
16	MP2C	X	0	5.5
17	MP2C	Z	23.814	5.5
18	MP2C	Mx	.003	5.5
19	MP2A	X	0	.5
20	MP2A	Z	26.862	.5
21	MP2A	Mx	-.016	.5
22	MP2A	X	0	5.5
23	MP2A	Z	26.862	5.5
24	MP2A	Mx	-.016	5.5
25	MP2B	X	0	.5
26	MP2B	Z	23.814	.5
27	MP2B	Mx	-.003	.5
28	MP2B	X	0	5.5
29	MP2B	Z	23.814	5.5
30	MP2B	Mx	-.003	5.5
31	MP2C	X	0	.5
32	MP2C	Z	23.814	.5
33	MP2C	Mx	.017	.5
34	MP2C	X	0	5.5
35	MP2C	Z	23.814	5.5
36	MP2C	Mx	.017	5.5
37	MP3A	X	0	2
38	MP3A	Z	15.906	2
39	MP3A	Mx	0	2
40	MP3A	X	0	4
41	MP3A	Z	15.906	4
42	MP3A	Mx	0	4
43	MP3B	X	0	2
44	MP3B	Z	9.063	2
45	MP3B	Mx	-.004	2
46	MP3B	X	0	4
47	MP3B	Z	9.063	4
48	MP3B	Mx	-.004	4
49	MP3C	X	0	2
50	MP3C	Z	9.063	2
51	MP3C	Mx	.004	2
52	MP3C	X	0	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
53	MP3C	Z	9.063	4
54	MP3C	Mx	.004	4
55	M95A	X	0	1.5
56	M95A	Z	23.051	1.5
57	M95A	Mx	0	1.5
58	MP2A	X	0	2
59	MP2A	Z	13.415	2
60	MP2A	Mx	0	2
61	MP2B	X	0	2
62	MP2B	Z	10.355	2
63	MP2B	Mx	.004	2
64	MP2C	X	0	2
65	MP2C	Z	10.355	2
66	MP2C	Mx	-.004	2
67	MP1A	X	0	2
68	MP1A	Z	13.415	2
69	MP1A	Mx	0	2
70	MP1B	X	0	2
71	MP1B	Z	9.193	2
72	MP1B	Mx	.004	2
73	MP1C	X	0	2
74	MP1C	Z	9.193	2
75	MP1C	Mx	-.004	2
76	MP1C	X	0	.5
77	MP1C	Z	29.006	.5
78	MP1C	Mx	.013	.5
79	MP1C	X	0	5.5
80	MP1C	Z	29.006	5.5
81	MP1C	Mx	.013	5.5
82	MP4C	X	0	.5
83	MP4C	Z	29.006	.5
84	MP4C	Mx	.013	.5
85	MP4C	X	0	5.5
86	MP4C	Z	29.006	5.5
87	MP4C	Mx	.013	5.5
88	MP1A	X	0	.5
89	MP1A	Z	15.23	.5
90	MP1A	Mx	0	.5
91	MP1A	X	0	5.5
92	MP1A	Z	15.23	5.5
93	MP1A	Mx	0	5.5
94	MP4A	X	0	.5
95	MP4A	Z	15.23	.5
96	MP4A	Mx	0	.5
97	MP4A	X	0	5.5
98	MP4A	Z	15.23	5.5
99	MP4A	Mx	0	5.5
100	MP1B	X	0	.5
101	MP1B	Z	27.083	.5
102	MP1B	Mx	-.012	.5
103	MP1B	X	0	5.5
104	MP1B	Z	27.083	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
105	MP1B	Mx	-.012	5.5
106	MP4B	X	0	.5
107	MP4B	Z	27.083	.5
108	MP4B	Mx	-.012	.5
109	MP4B	X	0	5.5
110	MP4B	Z	27.083	5.5
111	MP4B	Mx	-.012	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-12.923	.5
2	MP2A	Z	22.383	.5
3	MP2A	Mx	.02	.5
4	MP2A	X	-12.923	5.5
5	MP2A	Z	22.383	5.5
6	MP2A	Mx	.02	5.5
7	MP2B	X	-11.399	.5
8	MP2B	Z	19.743	.5
9	MP2B	Mx	-.011	.5
10	MP2B	X	-11.399	5.5
11	MP2B	Z	19.743	5.5
12	MP2B	Mx	-.011	5.5
13	MP2C	X	-12.923	.5
14	MP2C	Z	22.383	.5
15	MP2C	Mx	-.007	.5
16	MP2C	X	-12.923	5.5
17	MP2C	Z	22.383	5.5
18	MP2C	Mx	-.007	5.5
19	MP2A	X	-12.923	.5
20	MP2A	Z	22.383	.5
21	MP2A	Mx	-.007	.5
22	MP2A	X	-12.923	5.5
23	MP2A	Z	22.383	5.5
24	MP2A	Mx	-.007	5.5
25	MP2B	X	-11.399	.5
26	MP2B	Z	19.743	.5
27	MP2B	Mx	-.011	.5
28	MP2B	X	-11.399	5.5
29	MP2B	Z	19.743	5.5
30	MP2B	Mx	-.011	5.5
31	MP2C	X	-12.923	.5
32	MP2C	Z	22.383	.5
33	MP2C	Mx	.02	.5
34	MP2C	X	-12.923	5.5
35	MP2C	Z	22.383	5.5
36	MP2C	Mx	.02	5.5
37	MP3A	X	-6.812	2
38	MP3A	Z	11.799	2
39	MP3A	Mx	.003	2
40	MP3A	X	-6.812	4
41	MP3A	Z	11.799	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
42	MP3A	Mx	.003	4
43	MP3B	X	-3.391	2
44	MP3B	Z	5.874	2
45	MP3B	Mx	-.003	2
46	MP3B	X	-3.391	4
47	MP3B	Z	5.874	4
48	MP3B	Mx	-.003	4
49	MP3C	X	-6.812	2
50	MP3C	Z	11.799	2
51	MP3C	Mx	.003	2
52	MP3C	X	-6.812	4
53	MP3C	Z	11.799	4
54	MP3C	Mx	.003	4
55	M95A	X	-10.775	1.5
56	M95A	Z	18.663	1.5
57	M95A	Mx	0	1.5
58	MP2A	X	-6.197	2
59	MP2A	Z	10.734	2
60	MP2A	Mx	-.003	2
61	MP2B	X	-4.668	2
62	MP2B	Z	8.085	2
63	MP2B	Mx	.005	2
64	MP2C	X	-6.197	2
65	MP2C	Z	10.734	2
66	MP2C	Mx	-.003	2
67	MP1A	X	-6.004	2
68	MP1A	Z	10.399	2
69	MP1A	Mx	-.003	2
70	MP1B	X	-3.893	2
71	MP1B	Z	6.743	2
72	MP1B	Mx	.004	2
73	MP1C	X	-6.004	2
74	MP1C	Z	10.399	2
75	MP1C	Mx	-.003	2
76	MP1C	X	-15.289	.5
77	MP1C	Z	26.482	.5
78	MP1C	Mx	.008	.5
79	MP1C	X	-15.289	5.5
80	MP1C	Z	26.482	5.5
81	MP1C	Mx	.008	5.5
82	MP4C	X	-15.289	.5
83	MP4C	Z	26.482	.5
84	MP4C	Mx	.008	.5
85	MP4C	X	-15.289	5.5
86	MP4C	Z	26.482	5.5
87	MP4C	Mx	.008	5.5
88	MP1A	X	-9.259	.5
89	MP1A	Z	16.038	.5
90	MP1A	Mx	.005	.5
91	MP1A	X	-9.259	5.5
92	MP1A	Z	16.038	5.5
93	MP1A	Mx	.005	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
94	MP4A	X	-9.259	.5
95	MP4A	Z	16.038	.5
96	MP4A	Mx	.005	.5
97	MP4A	X	-9.259	5.5
98	MP4A	Z	16.038	5.5
99	MP4A	Mx	.005	5.5
100	MP1B	X	-15.517	.5
101	MP1B	Z	26.877	.5
102	MP1B	Mx	-.016	.5
103	MP1B	X	-15.517	5.5
104	MP1B	Z	26.877	5.5
105	MP1B	Mx	-.016	5.5
106	MP4B	X	-15.517	.5
107	MP4B	Z	26.877	.5
108	MP4B	Mx	-.016	.5
109	MP4B	X	-15.517	5.5
110	MP4B	Z	26.877	5.5
111	MP4B	Mx	-.016	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-20.623	.5
2	MP2A	Z	11.907	.5
3	MP2A	Mx	.017	.5
4	MP2A	X	-20.623	5.5
5	MP2A	Z	11.907	5.5
6	MP2A	Mx	.017	5.5
7	MP2B	X	-20.623	.5
8	MP2B	Z	11.907	.5
9	MP2B	Mx	-.003	.5
10	MP2B	X	-20.623	5.5
11	MP2B	Z	11.907	5.5
12	MP2B	Mx	-.003	5.5
13	MP2C	X	-23.263	.5
14	MP2C	Z	13.431	.5
15	MP2C	Mx	-.016	.5
16	MP2C	X	-23.263	5.5
17	MP2C	Z	13.431	5.5
18	MP2C	Mx	-.016	5.5
19	MP2A	X	-20.623	.5
20	MP2A	Z	11.907	.5
21	MP2A	Mx	.003	.5
22	MP2A	X	-20.623	5.5
23	MP2A	Z	11.907	5.5
24	MP2A	Mx	.003	5.5
25	MP2B	X	-20.623	.5
26	MP2B	Z	11.907	.5
27	MP2B	Mx	-.017	.5
28	MP2B	X	-20.623	5.5
29	MP2B	Z	11.907	5.5
30	MP2B	Mx	-.017	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
31	MP2C	X	-23.263	.5
32	MP2C	Z	13.431	.5
33	MP2C	Mx	.016	.5
34	MP2C	X	-23.263	5.5
35	MP2C	Z	13.431	5.5
36	MP2C	Mx	.016	5.5
37	MP3A	X	-7.849	2
38	MP3A	Z	4.532	2
39	MP3A	Mx	.004	2
40	MP3A	X	-7.849	4
41	MP3A	Z	4.532	4
42	MP3A	Mx	.004	4
43	MP3B	X	-7.849	2
44	MP3B	Z	4.532	2
45	MP3B	Mx	-.004	2
46	MP3B	X	-7.849	4
47	MP3B	Z	4.532	4
48	MP3B	Mx	-.004	4
49	MP3C	X	-13.775	2
50	MP3C	Z	7.953	2
51	MP3C	Mx	0	2
52	MP3C	X	-13.775	4
53	MP3C	Z	7.953	4
54	MP3C	Mx	0	4
55	M95A	X	-19.962	1.5
56	M95A	Z	11.525	1.5
57	M95A	Mx	0	1.5
58	MP2A	X	-8.968	2
59	MP2A	Z	5.178	2
60	MP2A	Mx	-.004	2
61	MP2B	X	-8.968	2
62	MP2B	Z	5.178	2
63	MP2B	Mx	.004	2
64	MP2C	X	-11.617	2
65	MP2C	Z	6.707	2
66	MP2C	Mx	0	2
67	MP1A	X	-7.961	2
68	MP1A	Z	4.596	2
69	MP1A	Mx	-.004	2
70	MP1B	X	-7.961	2
71	MP1B	Z	4.596	2
72	MP1B	Mx	.004	2
73	MP1C	X	-11.617	2
74	MP1C	Z	6.707	2
75	MP1C	Mx	0	2
76	MP1C	X	-27.163	.5
77	MP1C	Z	15.683	.5
78	MP1C	Mx	0	.5
79	MP1C	X	-27.163	5.5
80	MP1C	Z	15.683	5.5
81	MP1C	Mx	0	5.5
82	MP4C	X	-27.163	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
83	MP4C	Z	15.683	.5
84	MP4C	Mx	0	.5
85	MP4C	X	-27.163	5.5
86	MP4C	Z	15.683	5.5
87	MP4C	Mx	0	5.5
88	MP1A	X	-21.734	.5
89	MP1A	Z	12.548	.5
90	MP1A	Mx	.011	.5
91	MP1A	X	-21.734	5.5
92	MP1A	Z	12.548	5.5
93	MP1A	Mx	.011	5.5
94	MP4A	X	-21.734	.5
95	MP4A	Z	12.548	.5
96	MP4A	Mx	.011	.5
97	MP4A	X	-21.734	5.5
98	MP4A	Z	12.548	5.5
99	MP4A	Mx	.011	5.5
100	MP1B	X	-23.455	.5
101	MP1B	Z	13.542	.5
102	MP1B	Mx	-.012	.5
103	MP1B	X	-23.455	5.5
104	MP1B	Z	13.542	5.5
105	MP1B	Mx	-.012	5.5
106	MP4B	X	-23.455	.5
107	MP4B	Z	13.542	.5
108	MP4B	Mx	-.012	.5
109	MP4B	X	-23.455	5.5
110	MP4B	Z	13.542	5.5
111	MP4B	Mx	-.012	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-22.798	.5
2	MP2A	Z	0	.5
3	MP2A	Mx	.011	.5
4	MP2A	X	-22.798	5.5
5	MP2A	Z	0	5.5
6	MP2A	Mx	.011	5.5
7	MP2B	X	-25.846	.5
8	MP2B	Z	0	.5
9	MP2B	Mx	.007	.5
10	MP2B	X	-25.846	5.5
11	MP2B	Z	0	5.5
12	MP2B	Mx	.007	5.5
13	MP2C	X	-25.846	.5
14	MP2C	Z	0	.5
15	MP2C	Mx	-.02	.5
16	MP2C	X	-25.846	5.5
17	MP2C	Z	0	5.5
18	MP2C	Mx	-.02	5.5
19	MP2A	X	-22.798	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
20	MP2A	Z	0	.5
21	MP2A	Mx	.011	.5
22	MP2A	X	-22.798	5.5
23	MP2A	Z	0	5.5
24	MP2A	Mx	.011	5.5
25	MP2B	X	-25.846	.5
26	MP2B	Z	0	.5
27	MP2B	Mx	-.02	.5
28	MP2B	X	-25.846	5.5
29	MP2B	Z	0	5.5
30	MP2B	Mx	-.02	5.5
31	MP2C	X	-25.846	.5
32	MP2C	Z	0	.5
33	MP2C	Mx	.007	.5
34	MP2C	X	-25.846	5.5
35	MP2C	Z	0	5.5
36	MP2C	Mx	.007	5.5
37	MP3A	X	-6.782	2
38	MP3A	Z	0	2
39	MP3A	Mx	.003	2
40	MP3A	X	-6.782	4
41	MP3A	Z	0	4
42	MP3A	Mx	.003	4
43	MP3B	X	-13.625	2
44	MP3B	Z	0	2
45	MP3B	Mx	-.003	2
46	MP3B	X	-13.625	4
47	MP3B	Z	0	4
48	MP3B	Mx	-.003	4
49	MP3C	X	-13.625	2
50	MP3C	Z	0	2
51	MP3C	Mx	-.003	2
52	MP3C	X	-13.625	4
53	MP3C	Z	0	4
54	MP3C	Mx	-.003	4
55	M95A	X	-26.051	1.5
56	M95A	Z	0	1.5
57	M95A	Mx	0	1.5
58	MP2A	X	-9.336	2
59	MP2A	Z	0	2
60	MP2A	Mx	-.005	2
61	MP2B	X	-12.395	2
62	MP2B	Z	0	2
63	MP2B	Mx	.003	2
64	MP2C	X	-12.395	2
65	MP2C	Z	0	2
66	MP2C	Mx	.003	2
67	MP1A	X	-7.786	2
68	MP1A	Z	0	2
69	MP1A	Mx	-.004	2
70	MP1B	X	-12.007	2
71	MP1B	Z	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
72	MP1B	Mx	.003	2
73	MP1C	X	-12.007	2
74	MP1C	Z	0	2
75	MP1C	Mx	.003	2
76	MP1C	X	-30.579	.5
77	MP1C	Z	0	.5
78	MP1C	Mx	-.008	.5
79	MP1C	X	-30.579	5.5
80	MP1C	Z	0	5.5
81	MP1C	Mx	-.008	5.5
82	MP4C	X	-30.579	.5
83	MP4C	Z	0	.5
84	MP4C	Mx	-.008	.5
85	MP4C	X	-30.579	5.5
86	MP4C	Z	0	5.5
87	MP4C	Mx	-.008	5.5
88	MP1A	X	-28.385	.5
89	MP1A	Z	0	.5
90	MP1A	Mx	.014	.5
91	MP1A	X	-28.385	5.5
92	MP1A	Z	0	5.5
93	MP1A	Mx	.014	5.5
94	MP4A	X	-28.385	.5
95	MP4A	Z	0	.5
96	MP4A	Mx	.014	.5
97	MP4A	X	-28.385	5.5
98	MP4A	Z	0	5.5
99	MP4A	Mx	.014	5.5
100	MP1B	X	-19.181	.5
101	MP1B	Z	0	.5
102	MP1B	Mx	-.005	.5
103	MP1B	X	-19.181	5.5
104	MP1B	Z	0	5.5
105	MP1B	Mx	-.005	5.5
106	MP4B	X	-19.181	.5
107	MP4B	Z	0	.5
108	MP4B	Mx	-.005	.5
109	MP4B	X	-19.181	5.5
110	MP4B	Z	0	5.5
111	MP4B	Mx	-.005	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-20.623	.5
2	MP2A	Z	-11.907	.5
3	MP2A	Mx	.003	.5
4	MP2A	X	-20.623	5.5
5	MP2A	Z	-11.907	5.5
6	MP2A	Mx	.003	5.5
7	MP2B	X	-23.263	.5
8	MP2B	Z	-13.431	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
9	MP2B	Mx	.016	.5
10	MP2B	X	-23.263	5.5
11	MP2B	Z	-13.431	5.5
12	MP2B	Mx	.016	5.5
13	MP2C	X	-20.623	.5
14	MP2C	Z	-11.907	.5
15	MP2C	Mx	-.017	.5
16	MP2C	X	-20.623	5.5
17	MP2C	Z	-11.907	5.5
18	MP2C	Mx	-.017	5.5
19	MP2A	X	-20.623	.5
20	MP2A	Z	-11.907	.5
21	MP2A	Mx	.017	.5
22	MP2A	X	-20.623	5.5
23	MP2A	Z	-11.907	5.5
24	MP2A	Mx	.017	5.5
25	MP2B	X	-23.263	.5
26	MP2B	Z	-13.431	.5
27	MP2B	Mx	-.016	.5
28	MP2B	X	-23.263	5.5
29	MP2B	Z	-13.431	5.5
30	MP2B	Mx	-.016	5.5
31	MP2C	X	-20.623	.5
32	MP2C	Z	-11.907	.5
33	MP2C	Mx	-.003	.5
34	MP2C	X	-20.623	5.5
35	MP2C	Z	-11.907	5.5
36	MP2C	Mx	-.003	5.5
37	MP3A	X	-7.849	2
38	MP3A	Z	-4.532	2
39	MP3A	Mx	.004	2
40	MP3A	X	-7.849	4
41	MP3A	Z	-4.532	4
42	MP3A	Mx	.004	4
43	MP3B	X	-13.775	2
44	MP3B	Z	-7.953	2
45	MP3B	Mx	0	2
46	MP3B	X	-13.775	4
47	MP3B	Z	-7.953	4
48	MP3B	Mx	0	4
49	MP3C	X	-7.849	2
50	MP3C	Z	-4.532	2
51	MP3C	Mx	-.004	2
52	MP3C	X	-7.849	4
53	MP3C	Z	-4.532	4
54	MP3C	Mx	-.004	4
55	M95A	X	-23.86	1.5
56	M95A	Z	-13.776	1.5
57	M95A	Mx	0	1.5
58	MP2A	X	-8.968	2
59	MP2A	Z	-5.178	2
60	MP2A	Mx	-.004	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
61	MP2B	X	-11.617	2
62	MP2B	Z	-6.707	2
63	MP2B	Mx	0	2
64	MP2C	X	-8.968	2
65	MP2C	Z	-5.178	2
66	MP2C	Mx	.004	2
67	MP1A	X	-7.961	2
68	MP1A	Z	-4.596	2
69	MP1A	Mx	-.004	2
70	MP1B	X	-11.617	2
71	MP1B	Z	-6.707	2
72	MP1B	Mx	0	2
73	MP1C	X	-7.961	2
74	MP1C	Z	-4.596	2
75	MP1C	Mx	.004	2
76	MP1C	X	-25.12	.5
77	MP1C	Z	-14.503	.5
78	MP1C	Mx	-.013	.5
79	MP1C	X	-25.12	5.5
80	MP1C	Z	-14.503	5.5
81	MP1C	Mx	-.013	5.5
82	MP4C	X	-25.12	.5
83	MP4C	Z	-14.503	.5
84	MP4C	Mx	-.013	.5
85	MP4C	X	-25.12	5.5
86	MP4C	Z	-14.503	5.5
87	MP4C	Mx	-.013	5.5
88	MP1A	X	-21.734	.5
89	MP1A	Z	-12.548	.5
90	MP1A	Mx	.011	.5
91	MP1A	X	-21.734	5.5
92	MP1A	Z	-12.548	5.5
93	MP1A	Mx	.011	5.5
94	MP4A	X	-21.734	.5
95	MP4A	Z	-12.548	.5
96	MP4A	Mx	.011	.5
97	MP4A	X	-21.734	5.5
98	MP4A	Z	-12.548	5.5
99	MP4A	Mx	.011	5.5
100	MP1B	X	-13.19	.5
101	MP1B	Z	-7.615	.5
102	MP1B	Mx	0	.5
103	MP1B	X	-13.19	5.5
104	MP1B	Z	-7.615	5.5
105	MP1B	Mx	0	5.5
106	MP4B	X	-13.19	.5
107	MP4B	Z	-7.615	.5
108	MP4B	Mx	0	.5
109	MP4B	X	-13.19	5.5
110	MP4B	Z	-7.615	5.5
111	MP4B	Mx	0	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-12.923	.5
2	MP2A	Z	-22.383	.5
3	MP2A	Mx	-.007	.5
4	MP2A	X	-12.923	5.5
5	MP2A	Z	-22.383	5.5
6	MP2A	Mx	-.007	5.5
7	MP2B	X	-12.923	.5
8	MP2B	Z	-22.383	.5
9	MP2B	Mx	.02	.5
10	MP2B	X	-12.923	5.5
11	MP2B	Z	-22.383	5.5
12	MP2B	Mx	.02	5.5
13	MP2C	X	-11.399	.5
14	MP2C	Z	-19.743	.5
15	MP2C	Mx	-.011	.5
16	MP2C	X	-11.399	5.5
17	MP2C	Z	-19.743	5.5
18	MP2C	Mx	-.011	5.5
19	MP2A	X	-12.923	.5
20	MP2A	Z	-22.383	.5
21	MP2A	Mx	.02	.5
22	MP2A	X	-12.923	5.5
23	MP2A	Z	-22.383	5.5
24	MP2A	Mx	.02	5.5
25	MP2B	X	-12.923	.5
26	MP2B	Z	-22.383	.5
27	MP2B	Mx	-.007	.5
28	MP2B	X	-12.923	5.5
29	MP2B	Z	-22.383	5.5
30	MP2B	Mx	-.007	5.5
31	MP2C	X	-11.399	.5
32	MP2C	Z	-19.743	.5
33	MP2C	Mx	-.011	.5
34	MP2C	X	-11.399	5.5
35	MP2C	Z	-19.743	5.5
36	MP2C	Mx	-.011	5.5
37	MP3A	X	-6.812	2
38	MP3A	Z	-11.799	2
39	MP3A	Mx	.003	2
40	MP3A	X	-6.812	4
41	MP3A	Z	-11.799	4
42	MP3A	Mx	.003	4
43	MP3B	X	-6.812	2
44	MP3B	Z	-11.799	2
45	MP3B	Mx	.003	2
46	MP3B	X	-6.812	4
47	MP3B	Z	-11.799	4
48	MP3B	Mx	.003	4
49	MP3C	X	-3.391	2
50	MP3C	Z	-5.874	2
51	MP3C	Mx	-.003	2
52	MP3C	X	-3.391	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
53	MP3C	Z	-5.874	4
54	MP3C	Mx	-.003	4
55	M95A	X	-13.025	1.5
56	M95A	Z	-22.561	1.5
57	M95A	Mx	0	1.5
58	MP2A	X	-6.197	2
59	MP2A	Z	-10.734	2
60	MP2A	Mx	-.003	2
61	MP2B	X	-6.197	2
62	MP2B	Z	-10.734	2
63	MP2B	Mx	-.003	2
64	MP2C	X	-4.668	2
65	MP2C	Z	-8.085	2
66	MP2C	Mx	.005	2
67	MP1A	X	-6.004	2
68	MP1A	Z	-10.399	2
69	MP1A	Mx	-.003	2
70	MP1B	X	-6.004	2
71	MP1B	Z	-10.399	2
72	MP1B	Mx	-.003	2
73	MP1C	X	-3.893	2
74	MP1C	Z	-6.743	2
75	MP1C	Mx	.004	2
76	MP1C	X	-14.109	.5
77	MP1C	Z	-24.438	.5
78	MP1C	Mx	-.014	.5
79	MP1C	X	-14.109	5.5
80	MP1C	Z	-24.438	5.5
81	MP1C	Mx	-.014	5.5
82	MP4C	X	-14.109	.5
83	MP4C	Z	-24.438	.5
84	MP4C	Mx	-.014	.5
85	MP4C	X	-14.109	5.5
86	MP4C	Z	-24.438	5.5
87	MP4C	Mx	-.014	5.5
88	MP1A	X	-9.259	.5
89	MP1A	Z	-16.038	.5
90	MP1A	Mx	.005	.5
91	MP1A	X	-9.259	5.5
92	MP1A	Z	-16.038	5.5
93	MP1A	Mx	.005	5.5
94	MP4A	X	-9.259	.5
95	MP4A	Z	-16.038	.5
96	MP4A	Mx	.005	.5
97	MP4A	X	-9.259	5.5
98	MP4A	Z	-16.038	5.5
99	MP4A	Mx	.005	5.5
100	MP1B	X	-9.591	.5
101	MP1B	Z	-16.611	.5
102	MP1B	Mx	.005	.5
103	MP1B	X	-9.591	5.5
104	MP1B	Z	-16.611	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
105	MP1B	Mx	.005	5.5
106	MP4B	X	-9.591	.5
107	MP4B	Z	-16.611	.5
108	MP4B	Mx	.005	.5
109	MP4B	X	-9.591	5.5
110	MP4B	Z	-16.611	5.5
111	MP4B	Mx	.005	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	.5
2	MP2A	Z	-8.755	.5
3	MP2A	Mx	-.005	.5
4	MP2A	X	0	5.5
5	MP2A	Z	-8.755	5.5
6	MP2A	Mx	-.005	5.5
7	MP2B	X	0	.5
8	MP2B	Z	-7.681	.5
9	MP2B	Mx	.006	.5
10	MP2B	X	0	5.5
11	MP2B	Z	-7.681	5.5
12	MP2B	Mx	.006	5.5
13	MP2C	X	0	.5
14	MP2C	Z	-7.681	.5
15	MP2C	Mx	-.001	.5
16	MP2C	X	0	5.5
17	MP2C	Z	-7.681	5.5
18	MP2C	Mx	-.001	5.5
19	MP2A	X	0	.5
20	MP2A	Z	-8.755	.5
21	MP2A	Mx	.005	.5
22	MP2A	X	0	5.5
23	MP2A	Z	-8.755	5.5
24	MP2A	Mx	.005	5.5
25	MP2B	X	0	.5
26	MP2B	Z	-7.681	.5
27	MP2B	Mx	.001	.5
28	MP2B	X	0	5.5
29	MP2B	Z	-7.681	5.5
30	MP2B	Mx	.001	5.5
31	MP2C	X	0	.5
32	MP2C	Z	-7.681	.5
33	MP2C	Mx	-.006	.5
34	MP2C	X	0	5.5
35	MP2C	Z	-7.681	5.5
36	MP2C	Mx	-.006	5.5
37	MP3A	X	0	2
38	MP3A	Z	-5.061	2
39	MP3A	Mx	0	2
40	MP3A	X	0	4
41	MP3A	Z	-5.061	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
42	MP3A	Mx	0	4
43	MP3B	X	0	2
44	MP3B	Z	-2.751	2
45	MP3B	Mx	.001	2
46	MP3B	X	0	4
47	MP3B	Z	-2.751	4
48	MP3B	Mx	.001	4
49	MP3C	X	0	2
50	MP3C	Z	-2.751	2
51	MP3C	Mx	-.001	2
52	MP3C	X	0	4
53	MP3C	Z	-2.751	4
54	MP3C	Mx	-.001	4
55	M95A	X	0	1.5
56	M95A	Z	-7.189	1.5
57	M95A	Mx	0	1.5
58	MP2A	X	0	2
59	MP2A	Z	-4.027	2
60	MP2A	Mx	0	2
61	MP2B	X	0	2
62	MP2B	Z	-3.026	2
63	MP2B	Mx	-.001	2
64	MP2C	X	0	2
65	MP2C	Z	-3.026	2
66	MP2C	Mx	.001	2
67	MP1A	X	0	2
68	MP1A	Z	-4.027	2
69	MP1A	Mx	0	2
70	MP1B	X	0	2
71	MP1B	Z	-2.642	2
72	MP1B	Mx	-.001	2
73	MP1C	X	0	2
74	MP1C	Z	-2.642	2
75	MP1C	Mx	.001	2
76	MP1C	X	0	.5
77	MP1C	Z	-9.51	.5
78	MP1C	Mx	-.004	.5
79	MP1C	X	0	5.5
80	MP1C	Z	-9.51	5.5
81	MP1C	Mx	-.004	5.5
82	MP4C	X	0	.5
83	MP4C	Z	-9.51	.5
84	MP4C	Mx	-.004	.5
85	MP4C	X	0	5.5
86	MP4C	Z	-9.51	5.5
87	MP4C	Mx	-.004	5.5
88	MP1A	X	0	.5
89	MP1A	Z	-4.663	.5
90	MP1A	Mx	0	.5
91	MP1A	X	0	5.5
92	MP1A	Z	-4.663	5.5
93	MP1A	Mx	0	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
94	MP4A	X	0	.5
95	MP4A	Z	-4.663	.5
96	MP4A	Mx	0	.5
97	MP4A	X	0	5.5
98	MP4A	Z	-4.663	5.5
99	MP4A	Mx	0	5.5
100	MP1B	X	0	.5
101	MP1B	Z	-8.827	.5
102	MP1B	Mx	.004	.5
103	MP1B	X	0	5.5
104	MP1B	Z	-8.827	5.5
105	MP1B	Mx	.004	5.5
106	MP4B	X	0	.5
107	MP4B	Z	-8.827	.5
108	MP4B	Mx	.004	.5
109	MP4B	X	0	5.5
110	MP4B	Z	-8.827	5.5
111	MP4B	Mx	.004	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	4.198	.5
2	MP2A	Z	-7.272	.5
3	MP2A	Mx	-.006	.5
4	MP2A	X	4.198	5.5
5	MP2A	Z	-7.272	5.5
6	MP2A	Mx	-.006	5.5
7	MP2B	X	3.661	.5
8	MP2B	Z	-6.342	.5
9	MP2B	Mx	.004	.5
10	MP2B	X	3.661	5.5
11	MP2B	Z	-6.342	5.5
12	MP2B	Mx	.004	5.5
13	MP2C	X	4.198	.5
14	MP2C	Z	-7.272	.5
15	MP2C	Mx	.002	.5
16	MP2C	X	4.198	5.5
17	MP2C	Z	-7.272	5.5
18	MP2C	Mx	.002	5.5
19	MP2A	X	4.198	.5
20	MP2A	Z	-7.272	.5
21	MP2A	Mx	.002	.5
22	MP2A	X	4.198	5.5
23	MP2A	Z	-7.272	5.5
24	MP2A	Mx	.002	5.5
25	MP2B	X	3.661	.5
26	MP2B	Z	-6.342	.5
27	MP2B	Mx	.004	.5
28	MP2B	X	3.661	5.5
29	MP2B	Z	-6.342	5.5
30	MP2B	Mx	.004	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
31	MP2C	X	4.198	.5
32	MP2C	Z	-7.272	.5
33	MP2C	Mx	-.006	.5
34	MP2C	X	4.198	5.5
35	MP2C	Z	-7.272	5.5
36	MP2C	Mx	-.006	5.5
37	MP3A	X	2.146	2
38	MP3A	Z	-3.716	2
39	MP3A	Mx	-.001	2
40	MP3A	X	2.146	4
41	MP3A	Z	-3.716	4
42	MP3A	Mx	-.001	4
43	MP3B	X	.991	2
44	MP3B	Z	-1.716	2
45	MP3B	Mx	.000991	2
46	MP3B	X	.991	4
47	MP3B	Z	-1.716	4
48	MP3B	Mx	.000991	4
49	MP3C	X	2.146	2
50	MP3C	Z	-3.716	2
51	MP3C	Mx	-.001	2
52	MP3C	X	2.146	4
53	MP3C	Z	-3.716	4
54	MP3C	Mx	-.001	4
55	M95A	X	3.336	1.5
56	M95A	Z	-5.777	1.5
57	M95A	Mx	0	1.5
58	MP2A	X	1.847	2
59	MP2A	Z	-3.199	2
60	MP2A	Mx	.000924	2
61	MP2B	X	1.346	2
62	MP2B	Z	-2.331	2
63	MP2B	Mx	-.001	2
64	MP2C	X	1.847	2
65	MP2C	Z	-3.199	2
66	MP2C	Mx	.000923	2
67	MP1A	X	1.783	2
68	MP1A	Z	-3.088	2
69	MP1A	Mx	.000892	2
70	MP1B	X	1.09	2
71	MP1B	Z	-1.888	2
72	MP1B	Mx	-.001	2
73	MP1C	X	1.783	2
74	MP1C	Z	-3.088	2
75	MP1C	Mx	.000891	2
76	MP1C	X	5.031	.5
77	MP1C	Z	-8.714	.5
78	MP1C	Mx	-.003	.5
79	MP1C	X	5.031	5.5
80	MP1C	Z	-8.714	5.5
81	MP1C	Mx	-.003	5.5
82	MP4C	X	5.031	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
83	MP4C	Z	-8.714	.5
84	MP4C	Mx	-.003	.5
85	MP4C	X	5.031	5.5
86	MP4C	Z	-8.714	5.5
87	MP4C	Mx	-.003	5.5
88	MP1A	X	2.91	.5
89	MP1A	Z	-5.04	.5
90	MP1A	Mx	-.001	.5
91	MP1A	X	2.91	5.5
92	MP1A	Z	-5.04	5.5
93	MP1A	Mx	-.001	5.5
94	MP4A	X	2.91	.5
95	MP4A	Z	-5.04	.5
96	MP4A	Mx	-.001	.5
97	MP4A	X	2.91	5.5
98	MP4A	Z	-5.04	5.5
99	MP4A	Mx	-.001	5.5
100	MP1B	X	5.108	.5
101	MP1B	Z	-8.847	.5
102	MP1B	Mx	.005	.5
103	MP1B	X	5.108	5.5
104	MP1B	Z	-8.847	5.5
105	MP1B	Mx	.005	5.5
106	MP4B	X	5.108	.5
107	MP4B	Z	-8.847	.5
108	MP4B	Mx	.005	.5
109	MP4B	X	5.108	5.5
110	MP4B	Z	-8.847	5.5
111	MP4B	Mx	.005	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	6.652	.5
2	MP2A	Z	-3.84	.5
3	MP2A	Mx	-.006	.5
4	MP2A	X	6.652	5.5
5	MP2A	Z	-3.84	5.5
6	MP2A	Mx	-.006	5.5
7	MP2B	X	6.652	.5
8	MP2B	Z	-3.84	.5
9	MP2B	Mx	.001	.5
10	MP2B	X	6.652	5.5
11	MP2B	Z	-3.84	5.5
12	MP2B	Mx	.001	5.5
13	MP2C	X	7.582	.5
14	MP2C	Z	-4.377	.5
15	MP2C	Mx	.005	.5
16	MP2C	X	7.582	5.5
17	MP2C	Z	-4.377	5.5
18	MP2C	Mx	.005	5.5
19	MP2A	X	6.652	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
20	MP2A	Z	-3.84	.5
21	MP2A	Mx	-.001	.5
22	MP2A	X	6.652	5.5
23	MP2A	Z	-3.84	5.5
24	MP2A	Mx	-.001	5.5
25	MP2B	X	6.652	.5
26	MP2B	Z	-3.84	.5
27	MP2B	Mx	.006	.5
28	MP2B	X	6.652	5.5
29	MP2B	Z	-3.84	5.5
30	MP2B	Mx	.006	5.5
31	MP2C	X	7.582	.5
32	MP2C	Z	-4.377	.5
33	MP2C	Mx	-.005	.5
34	MP2C	X	7.582	5.5
35	MP2C	Z	-4.377	5.5
36	MP2C	Mx	-.005	5.5
37	MP3A	X	2.383	2
38	MP3A	Z	-1.376	2
39	MP3A	Mx	-.001	2
40	MP3A	X	2.383	4
41	MP3A	Z	-1.376	4
42	MP3A	Mx	-.001	4
43	MP3B	X	2.383	2
44	MP3B	Z	-1.376	2
45	MP3B	Mx	.001	2
46	MP3B	X	2.383	4
47	MP3B	Z	-1.376	4
48	MP3B	Mx	.001	4
49	MP3C	X	4.383	2
50	MP3C	Z	-2.531	2
51	MP3C	Mx	0	2
52	MP3C	X	4.383	4
53	MP3C	Z	-2.531	4
54	MP3C	Mx	0	4
55	M95A	X	6.226	1.5
56	M95A	Z	-3.595	1.5
57	M95A	Mx	0	1.5
58	MP2A	X	2.621	2
59	MP2A	Z	-1.513	2
60	MP2A	Mx	.001	2
61	MP2B	X	2.621	2
62	MP2B	Z	-1.513	2
63	MP2B	Mx	-.001	2
64	MP2C	X	3.488	2
65	MP2C	Z	-2.014	2
66	MP2C	Mx	0	2
67	MP1A	X	2.288	2
68	MP1A	Z	-1.321	2
69	MP1A	Mx	.001	2
70	MP1B	X	2.288	2
71	MP1B	Z	-1.321	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
72	MP1B	Mx	-.001	2
73	MP1C	X	3.488	2
74	MP1C	Z	-2.014	2
75	MP1C	Mx	0	2
76	MP1C	X	8.953	.5
77	MP1C	Z	-5.169	.5
78	MP1C	Mx	0	.5
79	MP1C	X	8.953	5.5
80	MP1C	Z	-5.169	5.5
81	MP1C	Mx	0	5.5
82	MP4C	X	8.953	.5
83	MP4C	Z	-5.169	.5
84	MP4C	Mx	0	.5
85	MP4C	X	8.953	5.5
86	MP4C	Z	-5.169	5.5
87	MP4C	Mx	0	5.5
88	MP1A	X	7.045	.5
89	MP1A	Z	-4.067	.5
90	MP1A	Mx	-.004	.5
91	MP1A	X	7.045	5.5
92	MP1A	Z	-4.067	5.5
93	MP1A	Mx	-.004	5.5
94	MP4A	X	7.045	.5
95	MP4A	Z	-4.067	.5
96	MP4A	Mx	-.004	.5
97	MP4A	X	7.045	5.5
98	MP4A	Z	-4.067	5.5
99	MP4A	Mx	-.004	5.5
100	MP1B	X	7.645	.5
101	MP1B	Z	-4.414	.5
102	MP1B	Mx	.004	.5
103	MP1B	X	7.645	5.5
104	MP1B	Z	-4.414	5.5
105	MP1B	Mx	.004	5.5
106	MP4B	X	7.645	.5
107	MP4B	Z	-4.414	.5
108	MP4B	Mx	.004	.5
109	MP4B	X	7.645	5.5
110	MP4B	Z	-4.414	5.5
111	MP4B	Mx	.004	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	7.323	.5
2	MP2A	Z	0	.5
3	MP2A	Mx	-.004	.5
4	MP2A	X	7.323	5.5
5	MP2A	Z	0	5.5
6	MP2A	Mx	-.004	5.5
7	MP2B	X	8.397	.5
8	MP2B	Z	0	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
9	MP2B	Mx	-.002	.5
10	MP2B	X	8.397	5.5
11	MP2B	Z	0	5.5
12	MP2B	Mx	-.002	5.5
13	MP2C	X	8.397	.5
14	MP2C	Z	0	.5
15	MP2C	Mx	.006	.5
16	MP2C	X	8.397	5.5
17	MP2C	Z	0	5.5
18	MP2C	Mx	.006	5.5
19	MP2A	X	7.323	.5
20	MP2A	Z	0	.5
21	MP2A	Mx	-.004	.5
22	MP2A	X	7.323	5.5
23	MP2A	Z	0	5.5
24	MP2A	Mx	-.004	5.5
25	MP2B	X	8.397	.5
26	MP2B	Z	0	.5
27	MP2B	Mx	.006	.5
28	MP2B	X	8.397	5.5
29	MP2B	Z	0	5.5
30	MP2B	Mx	.006	5.5
31	MP2C	X	8.397	.5
32	MP2C	Z	0	.5
33	MP2C	Mx	-.002	.5
34	MP2C	X	8.397	5.5
35	MP2C	Z	0	5.5
36	MP2C	Mx	-.002	5.5
37	MP3A	X	1.981	2
38	MP3A	Z	0	2
39	MP3A	Mx	-.000991	2
40	MP3A	X	1.981	4
41	MP3A	Z	0	4
42	MP3A	Mx	-.000991	4
43	MP3B	X	4.291	2
44	MP3B	Z	0	2
45	MP3B	Mx	.001	2
46	MP3B	X	4.291	4
47	MP3B	Z	0	4
48	MP3B	Mx	.001	4
49	MP3C	X	4.291	2
50	MP3C	Z	0	2
51	MP3C	Mx	.001	2
52	MP3C	X	4.291	4
53	MP3C	Z	0	4
54	MP3C	Mx	.001	4
55	M95A	X	8.226	1.5
56	M95A	Z	0	1.5
57	M95A	Mx	0	1.5
58	MP2A	X	2.692	2
59	MP2A	Z	0	2
60	MP2A	Mx	.001	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
61	MP2B	X	3.694	2
62	MP2B	Z	0	2
63	MP2B	Mx	-.000924	2
64	MP2C	X	3.694	2
65	MP2C	Z	0	2
66	MP2C	Mx	-.000924	2
67	MP1A	X	2.181	2
68	MP1A	Z	0	2
69	MP1A	Mx	.001	2
70	MP1B	X	3.566	2
71	MP1B	Z	0	2
72	MP1B	Mx	-.000892	2
73	MP1C	X	3.566	2
74	MP1C	Z	0	2
75	MP1C	Mx	-.000892	2
76	MP1C	X	10.062	.5
77	MP1C	Z	0	.5
78	MP1C	Mx	.003	.5
79	MP1C	X	10.062	5.5
80	MP1C	Z	0	5.5
81	MP1C	Mx	.003	5.5
82	MP4C	X	10.062	.5
83	MP4C	Z	0	.5
84	MP4C	Mx	.003	.5
85	MP4C	X	10.062	5.5
86	MP4C	Z	0	5.5
87	MP4C	Mx	.003	5.5
88	MP1A	X	9.291	.5
89	MP1A	Z	0	.5
90	MP1A	Mx	-.005	.5
91	MP1A	X	9.291	5.5
92	MP1A	Z	0	5.5
93	MP1A	Mx	-.005	5.5
94	MP4A	X	9.291	.5
95	MP4A	Z	0	.5
96	MP4A	Mx	-.005	.5
97	MP4A	X	9.291	5.5
98	MP4A	Z	0	5.5
99	MP4A	Mx	-.005	5.5
100	MP1B	X	6.051	.5
101	MP1B	Z	0	.5
102	MP1B	Mx	.002	.5
103	MP1B	X	6.051	5.5
104	MP1B	Z	0	5.5
105	MP1B	Mx	.002	5.5
106	MP4B	X	6.051	.5
107	MP4B	Z	0	.5
108	MP4B	Mx	.002	.5
109	MP4B	X	6.051	5.5
110	MP4B	Z	0	5.5
111	MP4B	Mx	.002	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	6.652	.5
2	MP2A	Z	3.84	.5
3	MP2A	Mx	-.001	.5
4	MP2A	X	6.652	5.5
5	MP2A	Z	3.84	5.5
6	MP2A	Mx	-.001	5.5
7	MP2B	X	7.582	.5
8	MP2B	Z	4.377	.5
9	MP2B	Mx	-.005	.5
10	MP2B	X	7.582	5.5
11	MP2B	Z	4.377	5.5
12	MP2B	Mx	-.005	5.5
13	MP2C	X	6.652	.5
14	MP2C	Z	3.84	.5
15	MP2C	Mx	.006	.5
16	MP2C	X	6.652	5.5
17	MP2C	Z	3.84	5.5
18	MP2C	Mx	.006	5.5
19	MP2A	X	6.652	.5
20	MP2A	Z	3.84	.5
21	MP2A	Mx	-.006	.5
22	MP2A	X	6.652	5.5
23	MP2A	Z	3.84	5.5
24	MP2A	Mx	-.006	5.5
25	MP2B	X	7.582	.5
26	MP2B	Z	4.377	.5
27	MP2B	Mx	.005	.5
28	MP2B	X	7.582	5.5
29	MP2B	Z	4.377	5.5
30	MP2B	Mx	.005	5.5
31	MP2C	X	6.652	.5
32	MP2C	Z	3.84	.5
33	MP2C	Mx	.001	.5
34	MP2C	X	6.652	5.5
35	MP2C	Z	3.84	5.5
36	MP2C	Mx	.001	5.5
37	MP3A	X	2.383	2
38	MP3A	Z	1.376	2
39	MP3A	Mx	-.001	2
40	MP3A	X	2.383	4
41	MP3A	Z	1.376	4
42	MP3A	Mx	-.001	4
43	MP3B	X	4.383	2
44	MP3B	Z	2.531	2
45	MP3B	Mx	0	2
46	MP3B	X	4.383	4
47	MP3B	Z	2.531	4
48	MP3B	Mx	0	4
49	MP3C	X	2.383	2
50	MP3C	Z	1.376	2
51	MP3C	Mx	.001	2
52	MP3C	X	2.383	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
53	MP3C	Z	1.376	4
54	MP3C	Mx	.001	4
55	M95A	X	7.573	1.5
56	M95A	Z	4.372	1.5
57	M95A	Mx	0	1.5
58	MP2A	X	2.621	2
59	MP2A	Z	1.513	2
60	MP2A	Mx	.001	2
61	MP2B	X	3.488	2
62	MP2B	Z	2.014	2
63	MP2B	Mx	0	2
64	MP2C	X	2.621	2
65	MP2C	Z	1.513	2
66	MP2C	Mx	-.001	2
67	MP1A	X	2.288	2
68	MP1A	Z	1.321	2
69	MP1A	Mx	.001	2
70	MP1B	X	3.488	2
71	MP1B	Z	2.014	2
72	MP1B	Mx	0	2
73	MP1C	X	2.288	2
74	MP1C	Z	1.321	2
75	MP1C	Mx	-.001	2
76	MP1C	X	8.236	.5
77	MP1C	Z	4.755	.5
78	MP1C	Mx	.004	.5
79	MP1C	X	8.236	5.5
80	MP1C	Z	4.755	5.5
81	MP1C	Mx	.004	5.5
82	MP4C	X	8.236	.5
83	MP4C	Z	4.755	.5
84	MP4C	Mx	.004	.5
85	MP4C	X	8.236	5.5
86	MP4C	Z	4.755	5.5
87	MP4C	Mx	.004	5.5
88	MP1A	X	7.045	.5
89	MP1A	Z	4.067	.5
90	MP1A	Mx	-.004	.5
91	MP1A	X	7.045	5.5
92	MP1A	Z	4.067	5.5
93	MP1A	Mx	-.004	5.5
94	MP4A	X	7.045	.5
95	MP4A	Z	4.067	.5
96	MP4A	Mx	-.004	.5
97	MP4A	X	7.045	5.5
98	MP4A	Z	4.067	5.5
99	MP4A	Mx	-.004	5.5
100	MP1B	X	4.038	.5
101	MP1B	Z	2.331	.5
102	MP1B	Mx	0	.5
103	MP1B	X	4.038	5.5
104	MP1B	Z	2.331	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
105	MP1B	Mx	0	5.5
106	MP4B	X	4.038	.5
107	MP4B	Z	2.331	.5
108	MP4B	Mx	0	.5
109	MP4B	X	4.038	5.5
110	MP4B	Z	2.331	5.5
111	MP4B	Mx	0	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	4.198	.5
2	MP2A	Z	7.272	.5
3	MP2A	Mx	.002	.5
4	MP2A	X	4.198	5.5
5	MP2A	Z	7.272	5.5
6	MP2A	Mx	.002	5.5
7	MP2B	X	4.198	.5
8	MP2B	Z	7.272	.5
9	MP2B	Mx	-.006	.5
10	MP2B	X	4.198	5.5
11	MP2B	Z	7.272	5.5
12	MP2B	Mx	-.006	5.5
13	MP2C	X	3.661	.5
14	MP2C	Z	6.342	.5
15	MP2C	Mx	.004	.5
16	MP2C	X	3.661	5.5
17	MP2C	Z	6.342	5.5
18	MP2C	Mx	.004	5.5
19	MP2A	X	4.198	.5
20	MP2A	Z	7.272	.5
21	MP2A	Mx	-.006	.5
22	MP2A	X	4.198	5.5
23	MP2A	Z	7.272	5.5
24	MP2A	Mx	-.006	5.5
25	MP2B	X	4.198	.5
26	MP2B	Z	7.272	.5
27	MP2B	Mx	.002	.5
28	MP2B	X	4.198	5.5
29	MP2B	Z	7.272	5.5
30	MP2B	Mx	.002	5.5
31	MP2C	X	3.661	.5
32	MP2C	Z	6.342	.5
33	MP2C	Mx	.004	.5
34	MP2C	X	3.661	5.5
35	MP2C	Z	6.342	5.5
36	MP2C	Mx	.004	5.5
37	MP3A	X	2.146	2
38	MP3A	Z	3.716	2
39	MP3A	Mx	-.001	2
40	MP3A	X	2.146	4
41	MP3A	Z	3.716	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
42	MP3A	Mx	-.001	4
43	MP3B	X	2.146	2
44	MP3B	Z	3.716	2
45	MP3B	Mx	-.001	2
46	MP3B	X	2.146	4
47	MP3B	Z	3.716	4
48	MP3B	Mx	-.001	4
49	MP3C	X	.991	2
50	MP3C	Z	1.716	2
51	MP3C	Mx	.000991	2
52	MP3C	X	.991	4
53	MP3C	Z	1.716	4
54	MP3C	Mx	.000991	4
55	M95A	X	4.113	1.5
56	M95A	Z	7.124	1.5
57	M95A	Mx	0	1.5
58	MP2A	X	1.847	2
59	MP2A	Z	3.199	2
60	MP2A	Mx	.000924	2
61	MP2B	X	1.847	2
62	MP2B	Z	3.199	2
63	MP2B	Mx	.000923	2
64	MP2C	X	1.346	2
65	MP2C	Z	2.331	2
66	MP2C	Mx	-.001	2
67	MP1A	X	1.783	2
68	MP1A	Z	3.088	2
69	MP1A	Mx	.000892	2
70	MP1B	X	1.783	2
71	MP1B	Z	3.088	2
72	MP1B	Mx	.000891	2
73	MP1C	X	1.09	2
74	MP1C	Z	1.888	2
75	MP1C	Mx	-.001	2
76	MP1C	X	4.617	.5
77	MP1C	Z	7.997	.5
78	MP1C	Mx	.005	.5
79	MP1C	X	4.617	5.5
80	MP1C	Z	7.997	5.5
81	MP1C	Mx	.005	5.5
82	MP4C	X	4.617	.5
83	MP4C	Z	7.997	.5
84	MP4C	Mx	.005	.5
85	MP4C	X	4.617	5.5
86	MP4C	Z	7.997	5.5
87	MP4C	Mx	.005	5.5
88	MP1A	X	2.91	.5
89	MP1A	Z	5.04	.5
90	MP1A	Mx	-.001	.5
91	MP1A	X	2.91	5.5
92	MP1A	Z	5.04	5.5
93	MP1A	Mx	-.001	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
94	MP4A	X	2.91	.5
95	MP4A	Z	5.04	.5
96	MP4A	Mx	-.001	.5
97	MP4A	X	2.91	5.5
98	MP4A	Z	5.04	5.5
99	MP4A	Mx	-.001	5.5
100	MP1B	X	3.025	.5
101	MP1B	Z	5.24	.5
102	MP1B	Mx	-.002	.5
103	MP1B	X	3.025	5.5
104	MP1B	Z	5.24	5.5
105	MP1B	Mx	-.002	5.5
106	MP4B	X	3.025	.5
107	MP4B	Z	5.24	.5
108	MP4B	Mx	-.002	.5
109	MP4B	X	3.025	5.5
110	MP4B	Z	5.24	5.5
111	MP4B	Mx	-.002	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	.5
2	MP2A	Z	8.755	.5
3	MP2A	Mx	.005	.5
4	MP2A	X	0	5.5
5	MP2A	Z	8.755	5.5
6	MP2A	Mx	.005	5.5
7	MP2B	X	0	.5
8	MP2B	Z	7.681	.5
9	MP2B	Mx	-.006	.5
10	MP2B	X	0	5.5
11	MP2B	Z	7.681	5.5
12	MP2B	Mx	-.006	5.5
13	MP2C	X	0	.5
14	MP2C	Z	7.681	.5
15	MP2C	Mx	.001	.5
16	MP2C	X	0	5.5
17	MP2C	Z	7.681	5.5
18	MP2C	Mx	.001	5.5
19	MP2A	X	0	.5
20	MP2A	Z	8.755	.5
21	MP2A	Mx	-.005	.5
22	MP2A	X	0	5.5
23	MP2A	Z	8.755	5.5
24	MP2A	Mx	-.005	5.5
25	MP2B	X	0	.5
26	MP2B	Z	7.681	.5
27	MP2B	Mx	-.001	.5
28	MP2B	X	0	5.5
29	MP2B	Z	7.681	5.5
30	MP2B	Mx	-.001	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
31	MP2C	X	0	.5
32	MP2C	Z	7.681	.5
33	MP2C	Mx	.006	.5
34	MP2C	X	0	5.5
35	MP2C	Z	7.681	5.5
36	MP2C	Mx	.006	5.5
37	MP3A	X	0	2
38	MP3A	Z	5.061	2
39	MP3A	Mx	0	2
40	MP3A	X	0	4
41	MP3A	Z	5.061	4
42	MP3A	Mx	0	4
43	MP3B	X	0	2
44	MP3B	Z	2.751	2
45	MP3B	Mx	-.001	2
46	MP3B	X	0	4
47	MP3B	Z	2.751	4
48	MP3B	Mx	-.001	4
49	MP3C	X	0	2
50	MP3C	Z	2.751	2
51	MP3C	Mx	.001	2
52	MP3C	X	0	4
53	MP3C	Z	2.751	4
54	MP3C	Mx	.001	4
55	M95A	X	0	1.5
56	M95A	Z	7.189	1.5
57	M95A	Mx	0	1.5
58	MP2A	X	0	2
59	MP2A	Z	4.027	2
60	MP2A	Mx	0	2
61	MP2B	X	0	2
62	MP2B	Z	3.026	2
63	MP2B	Mx	.001	2
64	MP2C	X	0	2
65	MP2C	Z	3.026	2
66	MP2C	Mx	-.001	2
67	MP1A	X	0	2
68	MP1A	Z	4.027	2
69	MP1A	Mx	0	2
70	MP1B	X	0	2
71	MP1B	Z	2.642	2
72	MP1B	Mx	.001	2
73	MP1C	X	0	2
74	MP1C	Z	2.642	2
75	MP1C	Mx	-.001	2
76	MP1C	X	0	.5
77	MP1C	Z	9.51	.5
78	MP1C	Mx	.004	.5
79	MP1C	X	0	5.5
80	MP1C	Z	9.51	5.5
81	MP1C	Mx	.004	5.5
82	MP4C	X	0	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
83	MP4C	Z	9.51	.5
84	MP4C	Mx	.004	.5
85	MP4C	X	0	5.5
86	MP4C	Z	9.51	5.5
87	MP4C	Mx	.004	5.5
88	MP1A	X	0	.5
89	MP1A	Z	4.663	.5
90	MP1A	Mx	0	.5
91	MP1A	X	0	5.5
92	MP1A	Z	4.663	5.5
93	MP1A	Mx	0	5.5
94	MP4A	X	0	.5
95	MP4A	Z	4.663	.5
96	MP4A	Mx	0	.5
97	MP4A	X	0	5.5
98	MP4A	Z	4.663	5.5
99	MP4A	Mx	0	5.5
100	MP1B	X	0	.5
101	MP1B	Z	8.827	.5
102	MP1B	Mx	-.004	.5
103	MP1B	X	0	5.5
104	MP1B	Z	8.827	5.5
105	MP1B	Mx	-.004	5.5
106	MP4B	X	0	.5
107	MP4B	Z	8.827	.5
108	MP4B	Mx	-.004	.5
109	MP4B	X	0	5.5
110	MP4B	Z	8.827	5.5
111	MP4B	Mx	-.004	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-4.198	.5
2	MP2A	Z	7.272	.5
3	MP2A	Mx	.006	.5
4	MP2A	X	-4.198	5.5
5	MP2A	Z	7.272	5.5
6	MP2A	Mx	.006	5.5
7	MP2B	X	-3.661	.5
8	MP2B	Z	6.342	.5
9	MP2B	Mx	-.004	.5
10	MP2B	X	-3.661	5.5
11	MP2B	Z	6.342	5.5
12	MP2B	Mx	-.004	5.5
13	MP2C	X	-4.198	.5
14	MP2C	Z	7.272	.5
15	MP2C	Mx	-.002	.5
16	MP2C	X	-4.198	5.5
17	MP2C	Z	7.272	5.5
18	MP2C	Mx	-.002	5.5
19	MP2A	X	-4.198	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
20	MP2A	Z	7.272	.5
21	MP2A	Mx	-.002	.5
22	MP2A	X	-4.198	5.5
23	MP2A	Z	7.272	5.5
24	MP2A	Mx	-.002	5.5
25	MP2B	X	-3.661	.5
26	MP2B	Z	6.342	.5
27	MP2B	Mx	-.004	.5
28	MP2B	X	-3.661	5.5
29	MP2B	Z	6.342	5.5
30	MP2B	Mx	-.004	5.5
31	MP2C	X	-4.198	.5
32	MP2C	Z	7.272	.5
33	MP2C	Mx	.006	.5
34	MP2C	X	-4.198	5.5
35	MP2C	Z	7.272	5.5
36	MP2C	Mx	.006	5.5
37	MP3A	X	-2.146	2
38	MP3A	Z	3.716	2
39	MP3A	Mx	.001	2
40	MP3A	X	-2.146	4
41	MP3A	Z	3.716	4
42	MP3A	Mx	.001	4
43	MP3B	X	-.991	2
44	MP3B	Z	1.716	2
45	MP3B	Mx	-.000991	2
46	MP3B	X	-.991	4
47	MP3B	Z	1.716	4
48	MP3B	Mx	-.000991	4
49	MP3C	X	-2.146	2
50	MP3C	Z	3.716	2
51	MP3C	Mx	.001	2
52	MP3C	X	-2.146	4
53	MP3C	Z	3.716	4
54	MP3C	Mx	.001	4
55	M95A	X	-3.336	1.5
56	M95A	Z	5.777	1.5
57	M95A	Mx	0	1.5
58	MP2A	X	-1.847	2
59	MP2A	Z	3.199	2
60	MP2A	Mx	-.000924	2
61	MP2B	X	-1.346	2
62	MP2B	Z	2.331	2
63	MP2B	Mx	.001	2
64	MP2C	X	-1.847	2
65	MP2C	Z	3.199	2
66	MP2C	Mx	-.000923	2
67	MP1A	X	-1.783	2
68	MP1A	Z	3.088	2
69	MP1A	Mx	-.000892	2
70	MP1B	X	-1.09	2
71	MP1B	Z	1.888	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
72	MP1B	Mx	.001	2
73	MP1C	X	-1.783	2
74	MP1C	Z	3.088	2
75	MP1C	Mx	-.000891	2
76	MP1C	X	-5.031	.5
77	MP1C	Z	8.714	.5
78	MP1C	Mx	.003	.5
79	MP1C	X	-5.031	5.5
80	MP1C	Z	8.714	5.5
81	MP1C	Mx	.003	5.5
82	MP4C	X	-5.031	.5
83	MP4C	Z	8.714	.5
84	MP4C	Mx	.003	.5
85	MP4C	X	-5.031	5.5
86	MP4C	Z	8.714	5.5
87	MP4C	Mx	.003	5.5
88	MP1A	X	-2.91	.5
89	MP1A	Z	5.04	.5
90	MP1A	Mx	.001	.5
91	MP1A	X	-2.91	5.5
92	MP1A	Z	5.04	5.5
93	MP1A	Mx	.001	5.5
94	MP4A	X	-2.91	.5
95	MP4A	Z	5.04	.5
96	MP4A	Mx	.001	.5
97	MP4A	X	-2.91	5.5
98	MP4A	Z	5.04	5.5
99	MP4A	Mx	.001	5.5
100	MP1B	X	-5.108	.5
101	MP1B	Z	8.847	.5
102	MP1B	Mx	-.005	.5
103	MP1B	X	-5.108	5.5
104	MP1B	Z	8.847	5.5
105	MP1B	Mx	-.005	5.5
106	MP4B	X	-5.108	.5
107	MP4B	Z	8.847	.5
108	MP4B	Mx	-.005	.5
109	MP4B	X	-5.108	5.5
110	MP4B	Z	8.847	5.5
111	MP4B	Mx	-.005	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-6.652	.5
2	MP2A	Z	3.84	.5
3	MP2A	Mx	.006	.5
4	MP2A	X	-6.652	5.5
5	MP2A	Z	3.84	5.5
6	MP2A	Mx	.006	5.5
7	MP2B	X	-6.652	.5
8	MP2B	Z	3.84	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
9	MP2B	Mx	-.001	.5
10	MP2B	X	-6.652	5.5
11	MP2B	Z	3.84	5.5
12	MP2B	Mx	-.001	5.5
13	MP2C	X	-7.582	.5
14	MP2C	Z	4.377	.5
15	MP2C	Mx	-.005	.5
16	MP2C	X	-7.582	5.5
17	MP2C	Z	4.377	5.5
18	MP2C	Mx	-.005	5.5
19	MP2A	X	-6.652	.5
20	MP2A	Z	3.84	.5
21	MP2A	Mx	.001	.5
22	MP2A	X	-6.652	5.5
23	MP2A	Z	3.84	5.5
24	MP2A	Mx	.001	5.5
25	MP2B	X	-6.652	.5
26	MP2B	Z	3.84	.5
27	MP2B	Mx	-.006	.5
28	MP2B	X	-6.652	5.5
29	MP2B	Z	3.84	5.5
30	MP2B	Mx	-.006	5.5
31	MP2C	X	-7.582	.5
32	MP2C	Z	4.377	.5
33	MP2C	Mx	.005	.5
34	MP2C	X	-7.582	5.5
35	MP2C	Z	4.377	5.5
36	MP2C	Mx	.005	5.5
37	MP3A	X	-2.383	2
38	MP3A	Z	1.376	2
39	MP3A	Mx	.001	2
40	MP3A	X	-2.383	4
41	MP3A	Z	1.376	4
42	MP3A	Mx	.001	4
43	MP3B	X	-2.383	2
44	MP3B	Z	1.376	2
45	MP3B	Mx	-.001	2
46	MP3B	X	-2.383	4
47	MP3B	Z	1.376	4
48	MP3B	Mx	-.001	4
49	MP3C	X	-4.383	2
50	MP3C	Z	2.531	2
51	MP3C	Mx	0	2
52	MP3C	X	-4.383	4
53	MP3C	Z	2.531	4
54	MP3C	Mx	0	4
55	M95A	X	-6.226	1.5
56	M95A	Z	3.595	1.5
57	M95A	Mx	0	1.5
58	MP2A	X	-2.621	2
59	MP2A	Z	1.513	2
60	MP2A	Mx	-.001	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
61	MP2B	X	-2.621	2
62	MP2B	Z	1.513	2
63	MP2B	Mx	.001	2
64	MP2C	X	-3.488	2
65	MP2C	Z	2.014	2
66	MP2C	Mx	0	2
67	MP1A	X	-2.288	2
68	MP1A	Z	1.321	2
69	MP1A	Mx	-.001	2
70	MP1B	X	-2.288	2
71	MP1B	Z	1.321	2
72	MP1B	Mx	.001	2
73	MP1C	X	-3.488	2
74	MP1C	Z	2.014	2
75	MP1C	Mx	0	2
76	MP1C	X	-8.953	.5
77	MP1C	Z	5.169	.5
78	MP1C	Mx	0	.5
79	MP1C	X	-8.953	5.5
80	MP1C	Z	5.169	5.5
81	MP1C	Mx	0	5.5
82	MP4C	X	-8.953	.5
83	MP4C	Z	5.169	.5
84	MP4C	Mx	0	.5
85	MP4C	X	-8.953	5.5
86	MP4C	Z	5.169	5.5
87	MP4C	Mx	0	5.5
88	MP1A	X	-7.045	.5
89	MP1A	Z	4.067	.5
90	MP1A	Mx	.004	.5
91	MP1A	X	-7.045	5.5
92	MP1A	Z	4.067	5.5
93	MP1A	Mx	.004	5.5
94	MP4A	X	-7.045	.5
95	MP4A	Z	4.067	.5
96	MP4A	Mx	.004	.5
97	MP4A	X	-7.045	5.5
98	MP4A	Z	4.067	5.5
99	MP4A	Mx	.004	5.5
100	MP1B	X	-7.645	.5
101	MP1B	Z	4.414	.5
102	MP1B	Mx	-.004	.5
103	MP1B	X	-7.645	5.5
104	MP1B	Z	4.414	5.5
105	MP1B	Mx	-.004	5.5
106	MP4B	X	-7.645	.5
107	MP4B	Z	4.414	.5
108	MP4B	Mx	-.004	.5
109	MP4B	X	-7.645	5.5
110	MP4B	Z	4.414	5.5
111	MP4B	Mx	-.004	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-7.323	.5
2	MP2A	Z	0	.5
3	MP2A	Mx	.004	.5
4	MP2A	X	-7.323	5.5
5	MP2A	Z	0	5.5
6	MP2A	Mx	.004	5.5
7	MP2B	X	-8.397	.5
8	MP2B	Z	0	.5
9	MP2B	Mx	.002	.5
10	MP2B	X	-8.397	5.5
11	MP2B	Z	0	5.5
12	MP2B	Mx	.002	5.5
13	MP2C	X	-8.397	.5
14	MP2C	Z	0	.5
15	MP2C	Mx	-.006	.5
16	MP2C	X	-8.397	5.5
17	MP2C	Z	0	5.5
18	MP2C	Mx	-.006	5.5
19	MP2A	X	-7.323	.5
20	MP2A	Z	0	.5
21	MP2A	Mx	.004	.5
22	MP2A	X	-7.323	5.5
23	MP2A	Z	0	5.5
24	MP2A	Mx	.004	5.5
25	MP2B	X	-8.397	.5
26	MP2B	Z	0	.5
27	MP2B	Mx	-.006	.5
28	MP2B	X	-8.397	5.5
29	MP2B	Z	0	5.5
30	MP2B	Mx	-.006	5.5
31	MP2C	X	-8.397	.5
32	MP2C	Z	0	.5
33	MP2C	Mx	.002	.5
34	MP2C	X	-8.397	5.5
35	MP2C	Z	0	5.5
36	MP2C	Mx	.002	5.5
37	MP3A	X	-1.981	2
38	MP3A	Z	0	2
39	MP3A	Mx	.000991	2
40	MP3A	X	-1.981	4
41	MP3A	Z	0	4
42	MP3A	Mx	.000991	4
43	MP3B	X	-4.291	2
44	MP3B	Z	0	2
45	MP3B	Mx	-.001	2
46	MP3B	X	-4.291	4
47	MP3B	Z	0	4
48	MP3B	Mx	-.001	4
49	MP3C	X	-4.291	2
50	MP3C	Z	0	2
51	MP3C	Mx	-.001	2
52	MP3C	X	-4.291	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
53	MP3C	Z	0	4
54	MP3C	Mx	-.001	4
55	M95A	X	-8.226	1.5
56	M95A	Z	0	1.5
57	M95A	Mx	0	1.5
58	MP2A	X	-2.692	2
59	MP2A	Z	0	2
60	MP2A	Mx	-.001	2
61	MP2B	X	-3.694	2
62	MP2B	Z	0	2
63	MP2B	Mx	.000924	2
64	MP2C	X	-3.694	2
65	MP2C	Z	0	2
66	MP2C	Mx	.000924	2
67	MP1A	X	-2.181	2
68	MP1A	Z	0	2
69	MP1A	Mx	-.001	2
70	MP1B	X	-3.566	2
71	MP1B	Z	0	2
72	MP1B	Mx	.000892	2
73	MP1C	X	-3.566	2
74	MP1C	Z	0	2
75	MP1C	Mx	.000892	2
76	MP1C	X	-10.062	.5
77	MP1C	Z	0	.5
78	MP1C	Mx	-.003	.5
79	MP1C	X	-10.062	5.5
80	MP1C	Z	0	5.5
81	MP1C	Mx	-.003	5.5
82	MP4C	X	-10.062	.5
83	MP4C	Z	0	.5
84	MP4C	Mx	-.003	.5
85	MP4C	X	-10.062	5.5
86	MP4C	Z	0	5.5
87	MP4C	Mx	-.003	5.5
88	MP1A	X	-9.291	.5
89	MP1A	Z	0	.5
90	MP1A	Mx	.005	.5
91	MP1A	X	-9.291	5.5
92	MP1A	Z	0	5.5
93	MP1A	Mx	.005	5.5
94	MP4A	X	-9.291	.5
95	MP4A	Z	0	.5
96	MP4A	Mx	.005	.5
97	MP4A	X	-9.291	5.5
98	MP4A	Z	0	5.5
99	MP4A	Mx	.005	5.5
100	MP1B	X	-6.051	.5
101	MP1B	Z	0	.5
102	MP1B	Mx	-.002	.5
103	MP1B	X	-6.051	5.5
104	MP1B	Z	0	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
105	MP1B	Mx	-.002	5.5
106	MP4B	X	-6.051	.5
107	MP4B	Z	0	.5
108	MP4B	Mx	-.002	.5
109	MP4B	X	-6.051	5.5
110	MP4B	Z	0	5.5
111	MP4B	Mx	-.002	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-6.652	.5
2	MP2A	Z	-3.84	.5
3	MP2A	Mx	.001	.5
4	MP2A	X	-6.652	5.5
5	MP2A	Z	-3.84	5.5
6	MP2A	Mx	.001	5.5
7	MP2B	X	-7.582	.5
8	MP2B	Z	-4.377	.5
9	MP2B	Mx	.005	.5
10	MP2B	X	-7.582	5.5
11	MP2B	Z	-4.377	5.5
12	MP2B	Mx	.005	5.5
13	MP2C	X	-6.652	.5
14	MP2C	Z	-3.84	.5
15	MP2C	Mx	-.006	.5
16	MP2C	X	-6.652	5.5
17	MP2C	Z	-3.84	5.5
18	MP2C	Mx	-.006	5.5
19	MP2A	X	-6.652	.5
20	MP2A	Z	-3.84	.5
21	MP2A	Mx	.006	.5
22	MP2A	X	-6.652	5.5
23	MP2A	Z	-3.84	5.5
24	MP2A	Mx	.006	5.5
25	MP2B	X	-7.582	.5
26	MP2B	Z	-4.377	.5
27	MP2B	Mx	-.005	.5
28	MP2B	X	-7.582	5.5
29	MP2B	Z	-4.377	5.5
30	MP2B	Mx	-.005	5.5
31	MP2C	X	-6.652	.5
32	MP2C	Z	-3.84	.5
33	MP2C	Mx	-.001	.5
34	MP2C	X	-6.652	5.5
35	MP2C	Z	-3.84	5.5
36	MP2C	Mx	-.001	5.5
37	MP3A	X	-2.383	2
38	MP3A	Z	-1.376	2
39	MP3A	Mx	.001	2
40	MP3A	X	-2.383	4
41	MP3A	Z	-1.376	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
42	MP3A	Mx	.001	4
43	MP3B	X	-4.383	2
44	MP3B	Z	-2.531	2
45	MP3B	Mx	0	2
46	MP3B	X	-4.383	4
47	MP3B	Z	-2.531	4
48	MP3B	Mx	0	4
49	MP3C	X	-2.383	2
50	MP3C	Z	-1.376	2
51	MP3C	Mx	-.001	2
52	MP3C	X	-2.383	4
53	MP3C	Z	-1.376	4
54	MP3C	Mx	-.001	4
55	M95A	X	-7.573	1.5
56	M95A	Z	-4.372	1.5
57	M95A	Mx	0	1.5
58	MP2A	X	-2.621	2
59	MP2A	Z	-1.513	2
60	MP2A	Mx	-.001	2
61	MP2B	X	-3.488	2
62	MP2B	Z	-2.014	2
63	MP2B	Mx	0	2
64	MP2C	X	-2.621	2
65	MP2C	Z	-1.513	2
66	MP2C	Mx	.001	2
67	MP1A	X	-2.288	2
68	MP1A	Z	-1.321	2
69	MP1A	Mx	-.001	2
70	MP1B	X	-3.488	2
71	MP1B	Z	-2.014	2
72	MP1B	Mx	0	2
73	MP1C	X	-2.288	2
74	MP1C	Z	-1.321	2
75	MP1C	Mx	.001	2
76	MP1C	X	-8.236	.5
77	MP1C	Z	-4.755	.5
78	MP1C	Mx	-.004	.5
79	MP1C	X	-8.236	5.5
80	MP1C	Z	-4.755	5.5
81	MP1C	Mx	-.004	5.5
82	MP4C	X	-8.236	.5
83	MP4C	Z	-4.755	.5
84	MP4C	Mx	-.004	.5
85	MP4C	X	-8.236	5.5
86	MP4C	Z	-4.755	5.5
87	MP4C	Mx	-.004	5.5
88	MP1A	X	-7.045	.5
89	MP1A	Z	-4.067	.5
90	MP1A	Mx	.004	.5
91	MP1A	X	-7.045	5.5
92	MP1A	Z	-4.067	5.5
93	MP1A	Mx	.004	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
94	MP4A	X	-7.045	.5
95	MP4A	Z	-4.067	.5
96	MP4A	Mx	.004	.5
97	MP4A	X	-7.045	5.5
98	MP4A	Z	-4.067	5.5
99	MP4A	Mx	.004	5.5
100	MP1B	X	-4.038	.5
101	MP1B	Z	-2.331	.5
102	MP1B	Mx	0	.5
103	MP1B	X	-4.038	5.5
104	MP1B	Z	-2.331	5.5
105	MP1B	Mx	0	5.5
106	MP4B	X	-4.038	.5
107	MP4B	Z	-2.331	.5
108	MP4B	Mx	0	.5
109	MP4B	X	-4.038	5.5
110	MP4B	Z	-2.331	5.5
111	MP4B	Mx	0	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-4.198	.5
2	MP2A	Z	-7.272	.5
3	MP2A	Mx	-.002	.5
4	MP2A	X	-4.198	5.5
5	MP2A	Z	-7.272	5.5
6	MP2A	Mx	-.002	5.5
7	MP2B	X	-4.198	.5
8	MP2B	Z	-7.272	.5
9	MP2B	Mx	.006	.5
10	MP2B	X	-4.198	5.5
11	MP2B	Z	-7.272	5.5
12	MP2B	Mx	.006	5.5
13	MP2C	X	-3.661	.5
14	MP2C	Z	-6.342	.5
15	MP2C	Mx	-.004	.5
16	MP2C	X	-3.661	5.5
17	MP2C	Z	-6.342	5.5
18	MP2C	Mx	-.004	5.5
19	MP2A	X	-4.198	.5
20	MP2A	Z	-7.272	.5
21	MP2A	Mx	.006	.5
22	MP2A	X	-4.198	5.5
23	MP2A	Z	-7.272	5.5
24	MP2A	Mx	.006	5.5
25	MP2B	X	-4.198	.5
26	MP2B	Z	-7.272	.5
27	MP2B	Mx	-.002	.5
28	MP2B	X	-4.198	5.5
29	MP2B	Z	-7.272	5.5
30	MP2B	Mx	-.002	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
31	MP2C	X	-3.661	.5
32	MP2C	Z	-6.342	.5
33	MP2C	Mx	-.004	.5
34	MP2C	X	-3.661	5.5
35	MP2C	Z	-6.342	5.5
36	MP2C	Mx	-.004	5.5
37	MP3A	X	-2.146	2
38	MP3A	Z	-3.716	2
39	MP3A	Mx	.001	2
40	MP3A	X	-2.146	4
41	MP3A	Z	-3.716	4
42	MP3A	Mx	.001	4
43	MP3B	X	-2.146	2
44	MP3B	Z	-3.716	2
45	MP3B	Mx	.001	2
46	MP3B	X	-2.146	4
47	MP3B	Z	-3.716	4
48	MP3B	Mx	.001	4
49	MP3C	X	-.991	2
50	MP3C	Z	-1.716	2
51	MP3C	Mx	-.000991	2
52	MP3C	X	-.991	4
53	MP3C	Z	-1.716	4
54	MP3C	Mx	-.000991	4
55	M95A	X	-4.113	1.5
56	M95A	Z	-7.124	1.5
57	M95A	Mx	0	1.5
58	MP2A	X	-1.847	2
59	MP2A	Z	-3.199	2
60	MP2A	Mx	-.000924	2
61	MP2B	X	-1.847	2
62	MP2B	Z	-3.199	2
63	MP2B	Mx	-.000923	2
64	MP2C	X	-1.346	2
65	MP2C	Z	-2.331	2
66	MP2C	Mx	.001	2
67	MP1A	X	-1.783	2
68	MP1A	Z	-3.088	2
69	MP1A	Mx	-.000892	2
70	MP1B	X	-1.783	2
71	MP1B	Z	-3.088	2
72	MP1B	Mx	-.000891	2
73	MP1C	X	-1.09	2
74	MP1C	Z	-1.888	2
75	MP1C	Mx	.001	2
76	MP1C	X	-4.617	.5
77	MP1C	Z	-7.997	.5
78	MP1C	Mx	-.005	.5
79	MP1C	X	-4.617	5.5
80	MP1C	Z	-7.997	5.5
81	MP1C	Mx	-.005	5.5
82	MP4C	X	-4.617	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
83	MP4C	Z	-7.997	.5
84	MP4C	Mx	-.005	.5
85	MP4C	X	-4.617	5.5
86	MP4C	Z	-7.997	5.5
87	MP4C	Mx	-.005	5.5
88	MP1A	X	-2.91	.5
89	MP1A	Z	-5.04	.5
90	MP1A	Mx	.001	.5
91	MP1A	X	-2.91	5.5
92	MP1A	Z	-5.04	5.5
93	MP1A	Mx	.001	5.5
94	MP4A	X	-2.91	.5
95	MP4A	Z	-5.04	.5
96	MP4A	Mx	.001	.5
97	MP4A	X	-2.91	5.5
98	MP4A	Z	-5.04	5.5
99	MP4A	Mx	.001	5.5
100	MP1B	X	-3.025	.5
101	MP1B	Z	-5.24	.5
102	MP1B	Mx	.002	.5
103	MP1B	X	-3.025	5.5
104	MP1B	Z	-5.24	5.5
105	MP1B	Mx	.002	5.5
106	MP4B	X	-3.025	.5
107	MP4B	Z	-5.24	.5
108	MP4B	Mx	.002	.5
109	MP4B	X	-3.025	5.5
110	MP4B	Z	-5.24	5.5
111	MP4B	Mx	.002	5.5

Member Point Loads (BLC 77 : Lm1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M161A	Y	-500	%32

Member Point Loads (BLC 78 : Lm2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M161A	Y	-500	%78

Member Point Loads (BLC 79 : Lv1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M161A	Y	-250	0

Member Point Loads (BLC 80 : Lv2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M161A	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	M72A	Y	-9.742	-9.742	0	%100
2	M73	Y	-9.742	-9.742	0	%100
3	M74	Y	-9.742	-9.742	0	%100
4	M75	Y	-10.261	-10.261	0	%100
5	M78	Y	-5.705	-5.705	0	%100
6	M79	Y	-5.705	-5.705	0	%100
7	M84	Y	-10.248	-10.248	0	%100
8	M85	Y	-10.248	-10.248	0	%100
9	M87A	Y	-10.261	-10.261	0	%100
10	M89A	Y	-10.248	-10.248	0	%100
11	M90A	Y	-10.248	-10.248	0	%100
12	M92	Y	-10.261	-10.261	0	%100
13	M117A	Y	-9.742	-9.742	0	%100
14	M118A	Y	-9.742	-9.742	0	%100
15	M119A	Y	-9.742	-9.742	0	%100
16	M120A	Y	-10.261	-10.261	0	%100
17	M123A	Y	-5.705	-5.705	0	%100
18	M124A	Y	-5.705	-5.705	0	%100
19	M129A	Y	-10.248	-10.248	0	%100
20	M130A	Y	-10.248	-10.248	0	%100
21	M132A	Y	-10.261	-10.261	0	%100
22	M134A	Y	-10.248	-10.248	0	%100
23	M135A	Y	-10.248	-10.248	0	%100
24	M137A	Y	-10.261	-10.261	0	%100
25	M139A	Y	-9.742	-9.742	0	%100
26	M140A	Y	-9.742	-9.742	0	%100
27	M141A	Y	-9.742	-9.742	0	%100
28	M142A	Y	-10.261	-10.261	0	%100
29	M145A	Y	-5.705	-5.705	0	%100
30	M146A	Y	-5.705	-5.705	0	%100
31	M151A	Y	-10.248	-10.248	0	%100
32	M152A	Y	-10.248	-10.248	0	%100
33	M154A	Y	-10.261	-10.261	0	%100
34	M156A	Y	-10.248	-10.248	0	%100
35	M157A	Y	-10.248	-10.248	0	%100
36	M159A	Y	-10.261	-10.261	0	%100
37	M161A	Y	-6.663	-6.663	0	%100
38	MP2A	Y	-5.771	-5.771	0	%100
39	MP3A	Y	-5.057	-5.057	0	%100
40	MP4A	Y	-5.057	-5.057	0	%100
41	MP1A	Y	-5.057	-5.057	0	%100
42	M76A	Y	-6.663	-6.663	0	%100
43	MP2C	Y	-5.771	-5.771	0	%100
44	MP3C	Y	-5.057	-5.057	0	%100
45	MP4C	Y	-5.057	-5.057	0	%100
46	MP1C	Y	-5.057	-5.057	0	%100
47	M89	Y	-6.663	-6.663	0	%100
48	MP2B	Y	-5.771	-5.771	0	%100
49	MP3B	Y	-5.057	-5.057	0	%100
50	MP4B	Y	-5.057	-5.057	0	%100
51	MP1B	Y	-5.057	-5.057	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
52	M95A	Y	-5.057	-5.057	0	%100
53	M96A	Y	-5.771	-5.771	0	%100
54	M101	Y	-5.771	-5.771	0	%100
55	M106	Y	-5.771	-5.771	0	%100
56	M117	Y	-7.723	-7.723	0	%100
57	M118	Y	-7.723	-7.723	0	%100
58	M119	Y	-7.723	-7.723	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M72A	X	0	0	0	%100
2	M72A	Z	0	0	0	%100
3	M73	X	0	0	0	%100
4	M73	Z	-10.368	-10.368	0	%100
5	M74	X	0	0	0	%100
6	M74	Z	-10.368	-10.368	0	%100
7	M75	X	0	0	0	%100
8	M75	Z	-18.989	-18.989	0	%100
9	M78	X	0	0	0	%100
10	M78	Z	-2.346	-2.346	0	%100
11	M79	X	0	0	0	%100
12	M79	Z	-2.346	-2.346	0	%100
13	M84	X	0	0	0	%100
14	M84	Z	0	0	0	%100
15	M85	X	0	0	0	%100
16	M85	Z	-4.835	-4.835	0	%100
17	M87A	X	0	0	0	%100
18	M87A	Z	-5.011	-5.011	0	%100
19	M89A	X	0	0	0	%100
20	M89A	Z	0	0	0	%100
21	M90A	X	0	0	0	%100
22	M90A	Z	-4.835	-4.835	0	%100
23	M92	X	0	0	0	%100
24	M92	Z	-5.011	-5.011	0	%100
25	M117A	X	0	0	0	%100
26	M117A	Z	-8.428	-8.428	0	%100
27	M118A	X	0	0	0	%100
28	M118A	Z	-2.592	-2.592	0	%100
29	M119A	X	0	0	0	%100
30	M119A	Z	-2.592	-2.592	0	%100
31	M120A	X	0	0	0	%100
32	M120A	Z	-4.747	-4.747	0	%100
33	M123A	X	0	0	0	%100
34	M123A	Z	-2.94	-2.94	0	%100
35	M124A	X	0	0	0	%100
36	M124A	Z	-10.538	-10.538	0	%100
37	M129A	X	0	0	0	%100
38	M129A	Z	-14.329	-14.329	0	%100
39	M130A	X	0	0	0	%100
40	M130A	Z	-19.34	-19.34	0	%100
41	M132A	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
42	M132A	Z	-20.043	-20.043	0	%100
43	M134A	X	0	0	0	%100
44	M134A	Z	-14.329	-14.329	0	%100
45	M135A	X	0	0	0	%100
46	M135A	Z	-4.835	-4.835	0	%100
47	M137A	X	0	0	0	%100
48	M137A	Z	-5.011	-5.011	0	%100
49	M139A	X	0	0	0	%100
50	M139A	Z	-8.428	-8.428	0	%100
51	M140A	X	0	0	0	%100
52	M140A	Z	-2.592	-2.592	0	%100
53	M141A	X	0	0	0	%100
54	M141A	Z	-2.592	-2.592	0	%100
55	M142A	X	0	0	0	%100
56	M142A	Z	-4.747	-4.747	0	%100
57	M145A	X	0	0	0	%100
58	M145A	Z	-10.538	-10.538	0	%100
59	M146A	X	0	0	0	%100
60	M146A	Z	-2.94	-2.94	0	%100
61	M151A	X	0	0	0	%100
62	M151A	Z	-14.329	-14.329	0	%100
63	M152A	X	0	0	0	%100
64	M152A	Z	-4.835	-4.835	0	%100
65	M154A	X	0	0	0	%100
66	M154A	Z	-5.011	-5.011	0	%100
67	M156A	X	0	0	0	%100
68	M156A	Z	-14.329	-14.329	0	%100
69	M157A	X	0	0	0	%100
70	M157A	Z	-19.34	-19.34	0	%100
71	M159A	X	0	0	0	%100
72	M159A	Z	-20.043	-20.043	0	%100
73	M161A	X	0	0	0	%100
74	M161A	Z	-11.077	-11.077	0	%100
75	MP2A	X	0	0	0	%100
76	MP2A	Z	-9.099	-9.099	0	%100
77	MP3A	X	0	0	0	%100
78	MP3A	Z	-7.516	-7.516	0	%100
79	MP4A	X	0	0	0	%100
80	MP4A	Z	-7.516	-7.516	0	%100
81	MP1A	X	0	0	0	%100
82	MP1A	Z	-7.516	-7.516	0	%100
83	M76A	X	0	0	0	%100
84	M76A	Z	-2.769	-2.769	0	%100
85	MP2C	X	0	0	0	%100
86	MP2C	Z	-9.099	-9.099	0	%100
87	MP3C	X	0	0	0	%100
88	MP3C	Z	-7.516	-7.516	0	%100
89	MP4C	X	0	0	0	%100
90	MP4C	Z	-7.516	-7.516	0	%100
91	MP1C	X	0	0	0	%100
92	MP1C	Z	-7.516	-7.516	0	%100
93	M89	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
94	M89	Z	-2.769	-2.769	0	%100
95	MP2B	X	0	0	0	%100
96	MP2B	Z	-9.099	-9.099	0	%100
97	MP3B	X	0	0	0	%100
98	MP3B	Z	-7.516	-7.516	0	%100
99	MP4B	X	0	0	0	%100
100	MP4B	Z	-7.516	-7.516	0	%100
101	MP1B	X	0	0	0	%100
102	MP1B	Z	-7.516	-7.516	0	%100
103	M95A	X	0	0	0	%100
104	M95A	Z	-6.85	-6.85	0	%100
105	M96A	X	0	0	0	%100
106	M96A	Z	-2.275	-2.275	0	%100
107	M101	X	0	0	0	%100
108	M101	Z	-9.099	-9.099	0	%100
109	M106	X	0	0	0	%100
110	M106	Z	-2.275	-2.275	0	%100
111	M117	X	0	0	0	%100
112	M117	Z	-2.532	-2.532	0	%100
113	M118	X	0	0	0	%100
114	M118	Z	-10.128	-10.128	0	%100
115	M119	X	0	0	0	%100
116	M119	Z	-2.532	-2.532	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M72A	X	1.405	1.405	0	%100
2	M72A	Z	-2.433	-2.433	0	%100
3	M73	X	3.888	3.888	0	%100
4	M73	Z	-6.734	-6.734	0	%100
5	M74	X	3.888	3.888	0	%100
6	M74	Z	-6.734	-6.734	0	%100
7	M75	X	7.121	7.121	0	%100
8	M75	Z	-12.333	-12.333	0	%100
9	M78	X	3.805	3.805	0	%100
10	M78	Z	-6.59	-6.59	0	%100
11	M79	X	.006	.006	0	%100
12	M79	Z	-.01	-.01	0	%100
13	M84	X	2.388	2.388	0	%100
14	M84	Z	-4.137	-4.137	0	%100
15	M85	X	0	0	0	%100
16	M85	Z	0	0	0	%100
17	M87A	X	0	0	0	%100
18	M87A	Z	0	0	0	%100
19	M89A	X	2.388	2.388	0	%100
20	M89A	Z	-4.137	-4.137	0	%100
21	M90A	X	7.253	7.253	0	%100
22	M90A	Z	-12.562	-12.562	0	%100
23	M92	X	7.516	7.516	0	%100
24	M92	Z	-13.019	-13.019	0	%100
25	M117A	X	1.405	1.405	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
26	M117A	Z	-2.433	-2.433	0	%100
27	M118A	X	3.888	3.888	0	%100
28	M118A	Z	-6.734	-6.734	0	%100
29	M119A	X	3.888	3.888	0	%100
30	M119A	Z	-6.734	-6.734	0	%100
31	M120A	X	7.121	7.121	0	%100
32	M120A	Z	-12.333	-12.333	0	%100
33	M123A	X	.006	.006	0	%100
34	M123A	Z	-.01	-.01	0	%100
35	M124A	X	3.805	3.805	0	%100
36	M124A	Z	-6.59	-6.59	0	%100
37	M129A	X	2.388	2.388	0	%100
38	M129A	Z	-4.137	-4.137	0	%100
39	M130A	X	7.253	7.253	0	%100
40	M130A	Z	-12.562	-12.562	0	%100
41	M132A	X	7.516	7.516	0	%100
42	M132A	Z	-13.019	-13.019	0	%100
43	M134A	X	2.388	2.388	0	%100
44	M134A	Z	-4.137	-4.137	0	%100
45	M135A	X	0	0	0	%100
46	M135A	Z	0	0	0	%100
47	M137A	X	0	0	0	%100
48	M137A	Z	0	0	0	%100
49	M139A	X	5.619	5.619	0	%100
50	M139A	Z	-9.732	-9.732	0	%100
51	M140A	X	0	0	0	%100
52	M140A	Z	0	0	0	%100
53	M141A	X	0	0	0	%100
54	M141A	Z	0	0	0	%100
55	M142A	X	0	0	0	%100
56	M142A	Z	0	0	0	%100
57	M145A	X	4.102	4.102	0	%100
58	M145A	Z	-7.104	-7.104	0	%100
59	M146A	X	4.102	4.102	0	%100
60	M146A	Z	-7.104	-7.104	0	%100
61	M151A	X	9.553	9.553	0	%100
62	M151A	Z	-16.546	-16.546	0	%100
63	M152A	X	7.253	7.253	0	%100
64	M152A	Z	-12.562	-12.562	0	%100
65	M154A	X	7.516	7.516	0	%100
66	M154A	Z	-13.019	-13.019	0	%100
67	M156A	X	9.553	9.553	0	%100
68	M156A	Z	-16.546	-16.546	0	%100
69	M157A	X	7.253	7.253	0	%100
70	M157A	Z	-12.562	-12.562	0	%100
71	M159A	X	7.516	7.516	0	%100
72	M159A	Z	-13.019	-13.019	0	%100
73	M161A	X	4.154	4.154	0	%100
74	M161A	Z	-7.195	-7.195	0	%100
75	MP2A	X	4.549	4.549	0	%100
76	MP2A	Z	-7.88	-7.88	0	%100
77	MP3A	X	3.758	3.758	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
78	MP3A	Z	-6.509	-6.509	0	%100
79	MP4A	X	3.758	3.758	0	%100
80	MP4A	Z	-6.509	-6.509	0	%100
81	MP1A	X	3.758	3.758	0	%100
82	MP1A	Z	-6.509	-6.509	0	%100
83	M76A	X	4.154	4.154	0	%100
84	M76A	Z	-7.195	-7.195	0	%100
85	MP2C	X	4.549	4.549	0	%100
86	MP2C	Z	-7.88	-7.88	0	%100
87	MP3C	X	3.758	3.758	0	%100
88	MP3C	Z	-6.509	-6.509	0	%100
89	MP4C	X	3.758	3.758	0	%100
90	MP4C	Z	-6.509	-6.509	0	%100
91	MP1C	X	3.758	3.758	0	%100
92	MP1C	Z	-6.509	-6.509	0	%100
93	M89	X	0	0	0	%100
94	M89	Z	0	0	0	%100
95	MP2B	X	4.549	4.549	0	%100
96	MP2B	Z	-7.88	-7.88	0	%100
97	MP3B	X	3.758	3.758	0	%100
98	MP3B	Z	-6.509	-6.509	0	%100
99	MP4B	X	3.758	3.758	0	%100
100	MP4B	Z	-6.509	-6.509	0	%100
101	MP1B	X	3.758	3.758	0	%100
102	MP1B	Z	-6.509	-6.509	0	%100
103	M95A	X	3.425	3.425	0	%100
104	M95A	Z	-5.932	-5.932	0	%100
105	M96A	X	0	0	0	%100
106	M96A	Z	0	0	0	%100
107	M101	X	3.412	3.412	0	%100
108	M101	Z	-5.91	-5.91	0	%100
109	M106	X	3.412	3.412	0	%100
110	M106	Z	-5.91	-5.91	0	%100
111	M117	X	0	0	0	%100
112	M117	Z	0	0	0	%100
113	M118	X	3.798	3.798	0	%100
114	M118	Z	-6.578	-6.578	0	%100
115	M119	X	3.798	3.798	0	%100
116	M119	Z	-6.578	-6.578	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M72A	X	7.299	7.299	0	%100
2	M72A	Z	-4.214	-4.214	0	%100
3	M73	X	2.245	2.245	0	%100
4	M73	Z	-1.296	-1.296	0	%100
5	M74	X	2.245	2.245	0	%100
6	M74	Z	-1.296	-1.296	0	%100
7	M75	X	4.111	4.111	0	%100
8	M75	Z	-2.374	-2.374	0	%100
9	M78	X	9.126	9.126	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,%]
10	M78	Z	-5.269	-5.269	0	%100
11	M79	X	2.546	2.546	0	%100
12	M79	Z	-1.47	-1.47	0	%100
13	M84	X	12.41	12.41	0	%100
14	M84	Z	-7.165	-7.165	0	%100
15	M85	X	4.187	4.187	0	%100
16	M85	Z	-2.418	-2.418	0	%100
17	M87A	X	4.34	4.34	0	%100
18	M87A	Z	-2.505	-2.505	0	%100
19	M89A	X	12.41	12.41	0	%100
20	M89A	Z	-7.165	-7.165	0	%100
21	M90A	X	16.749	16.749	0	%100
22	M90A	Z	-9.67	-9.67	0	%100
23	M92	X	17.358	17.358	0	%100
24	M92	Z	-10.022	-10.022	0	%100
25	M117A	X	0	0	0	%100
26	M117A	Z	0	0	0	%100
27	M118A	X	8.979	8.979	0	%100
28	M118A	Z	-5.184	-5.184	0	%100
29	M119A	X	8.979	8.979	0	%100
30	M119A	Z	-5.184	-5.184	0	%100
31	M120A	X	16.445	16.445	0	%100
32	M120A	Z	-9.494	-9.494	0	%100
33	M123A	X	2.032	2.032	0	%100
34	M123A	Z	-1.173	-1.173	0	%100
35	M124A	X	2.032	2.032	0	%100
36	M124A	Z	-1.173	-1.173	0	%100
37	M129A	X	0	0	0	%100
38	M129A	Z	0	0	0	%100
39	M130A	X	4.187	4.187	0	%100
40	M130A	Z	-2.418	-2.418	0	%100
41	M132A	X	4.34	4.34	0	%100
42	M132A	Z	-2.505	-2.505	0	%100
43	M134A	X	0	0	0	%100
44	M134A	Z	0	0	0	%100
45	M135A	X	4.187	4.187	0	%100
46	M135A	Z	-2.418	-2.418	0	%100
47	M137A	X	4.34	4.34	0	%100
48	M137A	Z	-2.505	-2.505	0	%100
49	M139A	X	7.299	7.299	0	%100
50	M139A	Z	-4.214	-4.214	0	%100
51	M140A	X	2.245	2.245	0	%100
52	M140A	Z	-1.296	-1.296	0	%100
53	M141A	X	2.245	2.245	0	%100
54	M141A	Z	-1.296	-1.296	0	%100
55	M142A	X	4.111	4.111	0	%100
56	M142A	Z	-2.374	-2.374	0	%100
57	M145A	X	2.546	2.546	0	%100
58	M145A	Z	-1.47	-1.47	0	%100
59	M146A	X	9.126	9.126	0	%100
60	M146A	Z	-5.269	-5.269	0	%100
61	M151A	X	12.41	12.41	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,%]
62	M151A	Z	-7.165	-7.165	0	%100
63	M152A	X	16.749	16.749	0	%100
64	M152A	Z	-9.67	-9.67	0	%100
65	M154A	X	17.358	17.358	0	%100
66	M154A	Z	-10.022	-10.022	0	%100
67	M156A	X	12.41	12.41	0	%100
68	M156A	Z	-7.165	-7.165	0	%100
69	M157A	X	4.187	4.187	0	%100
70	M157A	Z	-2.418	-2.418	0	%100
71	M159A	X	4.34	4.34	0	%100
72	M159A	Z	-2.505	-2.505	0	%100
73	M161A	X	2.398	2.398	0	%100
74	M161A	Z	-1.385	-1.385	0	%100
75	MP2A	X	7.88	7.88	0	%100
76	MP2A	Z	-4.549	-4.549	0	%100
77	MP3A	X	6.509	6.509	0	%100
78	MP3A	Z	-3.758	-3.758	0	%100
79	MP4A	X	6.509	6.509	0	%100
80	MP4A	Z	-3.758	-3.758	0	%100
81	MP1A	X	6.509	6.509	0	%100
82	MP1A	Z	-3.758	-3.758	0	%100
83	M76A	X	9.593	9.593	0	%100
84	M76A	Z	-5.538	-5.538	0	%100
85	MP2C	X	7.88	7.88	0	%100
86	MP2C	Z	-4.549	-4.549	0	%100
87	MP3C	X	6.509	6.509	0	%100
88	MP3C	Z	-3.758	-3.758	0	%100
89	MP4C	X	6.509	6.509	0	%100
90	MP4C	Z	-3.758	-3.758	0	%100
91	MP1C	X	6.509	6.509	0	%100
92	MP1C	Z	-3.758	-3.758	0	%100
93	M89	X	2.398	2.398	0	%100
94	M89	Z	-1.385	-1.385	0	%100
95	MP2B	X	7.88	7.88	0	%100
96	MP2B	Z	-4.549	-4.549	0	%100
97	MP3B	X	6.509	6.509	0	%100
98	MP3B	Z	-3.758	-3.758	0	%100
99	MP4B	X	6.509	6.509	0	%100
100	MP4B	Z	-3.758	-3.758	0	%100
101	MP1B	X	6.509	6.509	0	%100
102	MP1B	Z	-3.758	-3.758	0	%100
103	M95A	X	5.932	5.932	0	%100
104	M95A	Z	-3.425	-3.425	0	%100
105	M96A	X	1.97	1.97	0	%100
106	M96A	Z	-1.137	-1.137	0	%100
107	M101	X	1.97	1.97	0	%100
108	M101	Z	-1.137	-1.137	0	%100
109	M106	X	7.88	7.88	0	%100
110	M106	Z	-4.549	-4.549	0	%100
111	M117	X	2.193	2.193	0	%100
112	M117	Z	-1.266	-1.266	0	%100
113	M118	X	2.193	2.193	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,%]
114	M118	Z	-1.266	-1.266	0	%100
115	M119	X	8.771	8.771	0	%100
116	M119	Z	-5.064	-5.064	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M72A	X	11.238	11.238	0	%100
2	M72A	Z	0	0	0	%100
3	M73	X	0	0	0	%100
4	M73	Z	0	0	0	%100
5	M74	X	0	0	0	%100
6	M74	Z	0	0	0	%100
7	M75	X	0	0	0	%100
8	M75	Z	0	0	0	%100
9	M78	X	8.203	8.203	0	%100
10	M78	Z	0	0	0	%100
11	M79	X	8.203	8.203	0	%100
12	M79	Z	0	0	0	%100
13	M84	X	19.106	19.106	0	%100
14	M84	Z	0	0	0	%100
15	M85	X	14.505	14.505	0	%100
16	M85	Z	0	0	0	%100
17	M87A	X	15.033	15.033	0	%100
18	M87A	Z	0	0	0	%100
19	M89A	X	19.106	19.106	0	%100
20	M89A	Z	0	0	0	%100
21	M90A	X	14.505	14.505	0	%100
22	M90A	Z	0	0	0	%100
23	M92	X	15.033	15.033	0	%100
24	M92	Z	0	0	0	%100
25	M117A	X	2.809	2.809	0	%100
26	M117A	Z	0	0	0	%100
27	M118A	X	7.776	7.776	0	%100
28	M118A	Z	0	0	0	%100
29	M119A	X	7.776	7.776	0	%100
30	M119A	Z	0	0	0	%100
31	M120A	X	14.241	14.241	0	%100
32	M120A	Z	0	0	0	%100
33	M123A	X	7.609	7.609	0	%100
34	M123A	Z	0	0	0	%100
35	M124A	X	.011	.011	0	%100
36	M124A	Z	0	0	0	%100
37	M129A	X	4.776	4.776	0	%100
38	M129A	Z	0	0	0	%100
39	M130A	X	0	0	0	%100
40	M130A	Z	0	0	0	%100
41	M132A	X	0	0	0	%100
42	M132A	Z	0	0	0	%100
43	M134A	X	4.776	4.776	0	%100
44	M134A	Z	0	0	0	%100
45	M135A	X	14.505	14.505	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,%]
46	M135A	Z	0	0	0	%100
47	M137A	X	15.033	15.033	0	%100
48	M137A	Z	0	0	0	%100
49	M139A	X	2.809	2.809	0	%100
50	M139A	Z	0	0	0	%100
51	M140A	X	7.776	7.776	0	%100
52	M140A	Z	0	0	0	%100
53	M141A	X	7.776	7.776	0	%100
54	M141A	Z	0	0	0	%100
55	M142A	X	14.241	14.241	0	%100
56	M142A	Z	0	0	0	%100
57	M145A	X	.011	.011	0	%100
58	M145A	Z	0	0	0	%100
59	M146A	X	7.609	7.609	0	%100
60	M146A	Z	0	0	0	%100
61	M151A	X	4.776	4.776	0	%100
62	M151A	Z	0	0	0	%100
63	M152A	X	14.505	14.505	0	%100
64	M152A	Z	0	0	0	%100
65	M154A	X	15.033	15.033	0	%100
66	M154A	Z	0	0	0	%100
67	M156A	X	4.776	4.776	0	%100
68	M156A	Z	0	0	0	%100
69	M157A	X	0	0	0	%100
70	M157A	Z	0	0	0	%100
71	M159A	X	0	0	0	%100
72	M159A	Z	0	0	0	%100
73	M161A	X	0	0	0	%100
74	M161A	Z	0	0	0	%100
75	MP2A	X	9.099	9.099	0	%100
76	MP2A	Z	0	0	0	%100
77	MP3A	X	7.516	7.516	0	%100
78	MP3A	Z	0	0	0	%100
79	MP4A	X	7.516	7.516	0	%100
80	MP4A	Z	0	0	0	%100
81	MP1A	X	7.516	7.516	0	%100
82	MP1A	Z	0	0	0	%100
83	M76A	X	8.307	8.307	0	%100
84	M76A	Z	0	0	0	%100
85	MP2C	X	9.099	9.099	0	%100
86	MP2C	Z	0	0	0	%100
87	MP3C	X	7.516	7.516	0	%100
88	MP3C	Z	0	0	0	%100
89	MP4C	X	7.516	7.516	0	%100
90	MP4C	Z	0	0	0	%100
91	MP1C	X	7.516	7.516	0	%100
92	MP1C	Z	0	0	0	%100
93	M89	X	8.307	8.307	0	%100
94	M89	Z	0	0	0	%100
95	MP2B	X	9.099	9.099	0	%100
96	MP2B	Z	0	0	0	%100
97	MP3B	X	7.516	7.516	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,%]
98	MP3B	Z	0	0	0	%100
99	MP4B	X	7.516	7.516	0	%100
100	MP4B	Z	0	0	0	%100
101	MP1B	X	7.516	7.516	0	%100
102	MP1B	Z	0	0	0	%100
103	M95A	X	6.85	6.85	0	%100
104	M95A	Z	0	0	0	%100
105	M96A	X	6.824	6.824	0	%100
106	M96A	Z	0	0	0	%100
107	M101	X	0	0	0	%100
108	M101	Z	0	0	0	%100
109	M106	X	6.824	6.824	0	%100
110	M106	Z	0	0	0	%100
111	M117	X	7.596	7.596	0	%100
112	M117	Z	0	0	0	%100
113	M118	X	0	0	0	%100
114	M118	Z	0	0	0	%100
115	M119	X	7.596	7.596	0	%100
116	M119	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M72A	X	7.299	7.299	0	%100
2	M72A	Z	4.214	4.214	0	%100
3	M73	X	2.245	2.245	0	%100
4	M73	Z	1.296	1.296	0	%100
5	M74	X	2.245	2.245	0	%100
6	M74	Z	1.296	1.296	0	%100
7	M75	X	4.111	4.111	0	%100
8	M75	Z	2.374	2.374	0	%100
9	M78	X	2.546	2.546	0	%100
10	M78	Z	1.47	1.47	0	%100
11	M79	X	9.126	9.126	0	%100
12	M79	Z	5.269	5.269	0	%100
13	M84	X	12.41	12.41	0	%100
14	M84	Z	7.165	7.165	0	%100
15	M85	X	16.749	16.749	0	%100
16	M85	Z	9.67	9.67	0	%100
17	M87A	X	17.358	17.358	0	%100
18	M87A	Z	10.022	10.022	0	%100
19	M89A	X	12.41	12.41	0	%100
20	M89A	Z	7.165	7.165	0	%100
21	M90A	X	4.187	4.187	0	%100
22	M90A	Z	2.418	2.418	0	%100
23	M92	X	4.34	4.34	0	%100
24	M92	Z	2.505	2.505	0	%100
25	M117A	X	7.299	7.299	0	%100
26	M117A	Z	4.214	4.214	0	%100
27	M118A	X	2.245	2.245	0	%100
28	M118A	Z	1.296	1.296	0	%100
29	M119A	X	2.245	2.245	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,%]
30	M119A	Z	1.296	1.296	0	%100
31	M120A	X	4.111	4.111	0	%100
32	M120A	Z	2.374	2.374	0	%100
33	M123A	X	9.126	9.126	0	%100
34	M123A	Z	5.269	5.269	0	%100
35	M124A	X	2.546	2.546	0	%100
36	M124A	Z	1.47	1.47	0	%100
37	M129A	X	12.41	12.41	0	%100
38	M129A	Z	7.165	7.165	0	%100
39	M130A	X	4.187	4.187	0	%100
40	M130A	Z	2.418	2.418	0	%100
41	M132A	X	4.34	4.34	0	%100
42	M132A	Z	2.505	2.505	0	%100
43	M134A	X	12.41	12.41	0	%100
44	M134A	Z	7.165	7.165	0	%100
45	M135A	X	16.749	16.749	0	%100
46	M135A	Z	9.67	9.67	0	%100
47	M137A	X	17.358	17.358	0	%100
48	M137A	Z	10.022	10.022	0	%100
49	M139A	X	0	0	0	%100
50	M139A	Z	0	0	0	%100
51	M140A	X	8.979	8.979	0	%100
52	M140A	Z	5.184	5.184	0	%100
53	M141A	X	8.979	8.979	0	%100
54	M141A	Z	5.184	5.184	0	%100
55	M142A	X	16.445	16.445	0	%100
56	M142A	Z	9.494	9.494	0	%100
57	M145A	X	2.032	2.032	0	%100
58	M145A	Z	1.173	1.173	0	%100
59	M146A	X	2.032	2.032	0	%100
60	M146A	Z	1.173	1.173	0	%100
61	M151A	X	0	0	0	%100
62	M151A	Z	0	0	0	%100
63	M152A	X	4.187	4.187	0	%100
64	M152A	Z	2.418	2.418	0	%100
65	M154A	X	4.34	4.34	0	%100
66	M154A	Z	2.505	2.505	0	%100
67	M156A	X	0	0	0	%100
68	M156A	Z	0	0	0	%100
69	M157A	X	4.187	4.187	0	%100
70	M157A	Z	2.418	2.418	0	%100
71	M159A	X	4.34	4.34	0	%100
72	M159A	Z	2.505	2.505	0	%100
73	M161A	X	2.398	2.398	0	%100
74	M161A	Z	1.385	1.385	0	%100
75	MP2A	X	7.88	7.88	0	%100
76	MP2A	Z	4.549	4.549	0	%100
77	MP3A	X	6.509	6.509	0	%100
78	MP3A	Z	3.758	3.758	0	%100
79	MP4A	X	6.509	6.509	0	%100
80	MP4A	Z	3.758	3.758	0	%100
81	MP1A	X	6.509	6.509	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,%]
82	MP1A	Z	3.758	3.758	0	%100
83	M76A	X	2.398	2.398	0	%100
84	M76A	Z	1.385	1.385	0	%100
85	MP2C	X	7.88	7.88	0	%100
86	MP2C	Z	4.549	4.549	0	%100
87	MP3C	X	6.509	6.509	0	%100
88	MP3C	Z	3.758	3.758	0	%100
89	MP4C	X	6.509	6.509	0	%100
90	MP4C	Z	3.758	3.758	0	%100
91	MP1C	X	6.509	6.509	0	%100
92	MP1C	Z	3.758	3.758	0	%100
93	M89	X	9.593	9.593	0	%100
94	M89	Z	5.538	5.538	0	%100
95	MP2B	X	7.88	7.88	0	%100
96	MP2B	Z	4.549	4.549	0	%100
97	MP3B	X	6.509	6.509	0	%100
98	MP3B	Z	3.758	3.758	0	%100
99	MP4B	X	6.509	6.509	0	%100
100	MP4B	Z	3.758	3.758	0	%100
101	MP1B	X	6.509	6.509	0	%100
102	MP1B	Z	3.758	3.758	0	%100
103	M95A	X	5.932	5.932	0	%100
104	M95A	Z	3.425	3.425	0	%100
105	M96A	X	7.88	7.88	0	%100
106	M96A	Z	4.549	4.549	0	%100
107	M101	X	1.97	1.97	0	%100
108	M101	Z	1.137	1.137	0	%100
109	M106	X	1.97	1.97	0	%100
110	M106	Z	1.137	1.137	0	%100
111	M117	X	8.771	8.771	0	%100
112	M117	Z	5.064	5.064	0	%100
113	M118	X	2.193	2.193	0	%100
114	M118	Z	1.266	1.266	0	%100
115	M119	X	2.193	2.193	0	%100
116	M119	Z	1.266	1.266	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M72A	X	1.405	1.405	0	%100
2	M72A	Z	2.433	2.433	0	%100
3	M73	X	3.888	3.888	0	%100
4	M73	Z	6.734	6.734	0	%100
5	M74	X	3.888	3.888	0	%100
6	M74	Z	6.734	6.734	0	%100
7	M75	X	7.121	7.121	0	%100
8	M75	Z	12.333	12.333	0	%100
9	M78	X	.006	.006	0	%100
10	M78	Z	.01	.01	0	%100
11	M79	X	3.805	3.805	0	%100
12	M79	Z	6.59	6.59	0	%100
13	M84	X	2.388	2.388	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,%]
14	M84	Z	4.137	4.137	0	%100
15	M85	X	7.253	7.253	0	%100
16	M85	Z	12.562	12.562	0	%100
17	M87A	X	7.516	7.516	0	%100
18	M87A	Z	13.019	13.019	0	%100
19	M89A	X	2.388	2.388	0	%100
20	M89A	Z	4.137	4.137	0	%100
21	M90A	X	0	0	0	%100
22	M90A	Z	0	0	0	%100
23	M92	X	0	0	0	%100
24	M92	Z	0	0	0	%100
25	M117A	X	5.619	5.619	0	%100
26	M117A	Z	9.732	9.732	0	%100
27	M118A	X	0	0	0	%100
28	M118A	Z	0	0	0	%100
29	M119A	X	0	0	0	%100
30	M119A	Z	0	0	0	%100
31	M120A	X	0	0	0	%100
32	M120A	Z	0	0	0	%100
33	M123A	X	4.102	4.102	0	%100
34	M123A	Z	7.104	7.104	0	%100
35	M124A	X	4.102	4.102	0	%100
36	M124A	Z	7.104	7.104	0	%100
37	M129A	X	9.553	9.553	0	%100
38	M129A	Z	16.546	16.546	0	%100
39	M130A	X	7.253	7.253	0	%100
40	M130A	Z	12.562	12.562	0	%100
41	M132A	X	7.516	7.516	0	%100
42	M132A	Z	13.019	13.019	0	%100
43	M134A	X	9.553	9.553	0	%100
44	M134A	Z	16.546	16.546	0	%100
45	M135A	X	7.253	7.253	0	%100
46	M135A	Z	12.562	12.562	0	%100
47	M137A	X	7.516	7.516	0	%100
48	M137A	Z	13.019	13.019	0	%100
49	M139A	X	1.405	1.405	0	%100
50	M139A	Z	2.433	2.433	0	%100
51	M140A	X	3.888	3.888	0	%100
52	M140A	Z	6.734	6.734	0	%100
53	M141A	X	3.888	3.888	0	%100
54	M141A	Z	6.734	6.734	0	%100
55	M142A	X	7.121	7.121	0	%100
56	M142A	Z	12.333	12.333	0	%100
57	M145A	X	3.805	3.805	0	%100
58	M145A	Z	6.59	6.59	0	%100
59	M146A	X	.006	.006	0	%100
60	M146A	Z	.01	.01	0	%100
61	M151A	X	2.388	2.388	0	%100
62	M151A	Z	4.137	4.137	0	%100
63	M152A	X	0	0	0	%100
64	M152A	Z	0	0	0	%100
65	M154A	X	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,%]
66	M154A	Z	0	0	0	%100
67	M156A	X	2.388	2.388	0	%100
68	M156A	Z	4.137	4.137	0	%100
69	M157A	X	7.253	7.253	0	%100
70	M157A	Z	12.562	12.562	0	%100
71	M159A	X	7.516	7.516	0	%100
72	M159A	Z	13.019	13.019	0	%100
73	M161A	X	4.154	4.154	0	%100
74	M161A	Z	7.195	7.195	0	%100
75	MP2A	X	4.549	4.549	0	%100
76	MP2A	Z	7.88	7.88	0	%100
77	MP3A	X	3.758	3.758	0	%100
78	MP3A	Z	6.509	6.509	0	%100
79	MP4A	X	3.758	3.758	0	%100
80	MP4A	Z	6.509	6.509	0	%100
81	MP1A	X	3.758	3.758	0	%100
82	MP1A	Z	6.509	6.509	0	%100
83	M76A	X	0	0	0	%100
84	M76A	Z	0	0	0	%100
85	MP2C	X	4.549	4.549	0	%100
86	MP2C	Z	7.88	7.88	0	%100
87	MP3C	X	3.758	3.758	0	%100
88	MP3C	Z	6.509	6.509	0	%100
89	MP4C	X	3.758	3.758	0	%100
90	MP4C	Z	6.509	6.509	0	%100
91	MP1C	X	3.758	3.758	0	%100
92	MP1C	Z	6.509	6.509	0	%100
93	M89	X	4.154	4.154	0	%100
94	M89	Z	7.195	7.195	0	%100
95	MP2B	X	4.549	4.549	0	%100
96	MP2B	Z	7.88	7.88	0	%100
97	MP3B	X	3.758	3.758	0	%100
98	MP3B	Z	6.509	6.509	0	%100
99	MP4B	X	3.758	3.758	0	%100
100	MP4B	Z	6.509	6.509	0	%100
101	MP1B	X	3.758	3.758	0	%100
102	MP1B	Z	6.509	6.509	0	%100
103	M95A	X	3.425	3.425	0	%100
104	M95A	Z	5.932	5.932	0	%100
105	M96A	X	3.412	3.412	0	%100
106	M96A	Z	5.91	5.91	0	%100
107	M101	X	3.412	3.412	0	%100
108	M101	Z	5.91	5.91	0	%100
109	M106	X	0	0	0	%100
110	M106	Z	0	0	0	%100
111	M117	X	3.798	3.798	0	%100
112	M117	Z	6.578	6.578	0	%100
113	M118	X	3.798	3.798	0	%100
114	M118	Z	6.578	6.578	0	%100
115	M119	X	0	0	0	%100
116	M119	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M72A	X	0	0	0	%100
2	M72A	Z	0	0	0	%100
3	M73	X	0	0	0	%100
4	M73	Z	10.368	10.368	0	%100
5	M74	X	0	0	0	%100
6	M74	Z	10.368	10.368	0	%100
7	M75	X	0	0	0	%100
8	M75	Z	18.989	18.989	0	%100
9	M78	X	0	0	0	%100
10	M78	Z	2.346	2.346	0	%100
11	M79	X	0	0	0	%100
12	M79	Z	2.346	2.346	0	%100
13	M84	X	0	0	0	%100
14	M84	Z	0	0	0	%100
15	M85	X	0	0	0	%100
16	M85	Z	4.835	4.835	0	%100
17	M87A	X	0	0	0	%100
18	M87A	Z	5.011	5.011	0	%100
19	M89A	X	0	0	0	%100
20	M89A	Z	0	0	0	%100
21	M90A	X	0	0	0	%100
22	M90A	Z	4.835	4.835	0	%100
23	M92	X	0	0	0	%100
24	M92	Z	5.011	5.011	0	%100
25	M117A	X	0	0	0	%100
26	M117A	Z	8.428	8.428	0	%100
27	M118A	X	0	0	0	%100
28	M118A	Z	2.592	2.592	0	%100
29	M119A	X	0	0	0	%100
30	M119A	Z	2.592	2.592	0	%100
31	M120A	X	0	0	0	%100
32	M120A	Z	4.747	4.747	0	%100
33	M123A	X	0	0	0	%100
34	M123A	Z	2.94	2.94	0	%100
35	M124A	X	0	0	0	%100
36	M124A	Z	10.538	10.538	0	%100
37	M129A	X	0	0	0	%100
38	M129A	Z	14.329	14.329	0	%100
39	M130A	X	0	0	0	%100
40	M130A	Z	19.34	19.34	0	%100
41	M132A	X	0	0	0	%100
42	M132A	Z	20.043	20.043	0	%100
43	M134A	X	0	0	0	%100
44	M134A	Z	14.329	14.329	0	%100
45	M135A	X	0	0	0	%100
46	M135A	Z	4.835	4.835	0	%100
47	M137A	X	0	0	0	%100
48	M137A	Z	5.011	5.011	0	%100
49	M139A	X	0	0	0	%100
50	M139A	Z	8.428	8.428	0	%100
51	M140A	X	0	0	0	%100
52	M140A	Z	2.592	2.592	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,%]
53	M141A	X	0	0	0	%100
54	M141A	Z	2.592	2.592	0	%100
55	M142A	X	0	0	0	%100
56	M142A	Z	4.747	4.747	0	%100
57	M145A	X	0	0	0	%100
58	M145A	Z	10.538	10.538	0	%100
59	M146A	X	0	0	0	%100
60	M146A	Z	2.94	2.94	0	%100
61	M151A	X	0	0	0	%100
62	M151A	Z	14.329	14.329	0	%100
63	M152A	X	0	0	0	%100
64	M152A	Z	4.835	4.835	0	%100
65	M154A	X	0	0	0	%100
66	M154A	Z	5.011	5.011	0	%100
67	M156A	X	0	0	0	%100
68	M156A	Z	14.329	14.329	0	%100
69	M157A	X	0	0	0	%100
70	M157A	Z	19.34	19.34	0	%100
71	M159A	X	0	0	0	%100
72	M159A	Z	20.043	20.043	0	%100
73	M161A	X	0	0	0	%100
74	M161A	Z	11.077	11.077	0	%100
75	MP2A	X	0	0	0	%100
76	MP2A	Z	9.099	9.099	0	%100
77	MP3A	X	0	0	0	%100
78	MP3A	Z	7.516	7.516	0	%100
79	MP4A	X	0	0	0	%100
80	MP4A	Z	7.516	7.516	0	%100
81	MP1A	X	0	0	0	%100
82	MP1A	Z	7.516	7.516	0	%100
83	M76A	X	0	0	0	%100
84	M76A	Z	2.769	2.769	0	%100
85	MP2C	X	0	0	0	%100
86	MP2C	Z	9.099	9.099	0	%100
87	MP3C	X	0	0	0	%100
88	MP3C	Z	7.516	7.516	0	%100
89	MP4C	X	0	0	0	%100
90	MP4C	Z	7.516	7.516	0	%100
91	MP1C	X	0	0	0	%100
92	MP1C	Z	7.516	7.516	0	%100
93	M89	X	0	0	0	%100
94	M89	Z	2.769	2.769	0	%100
95	MP2B	X	0	0	0	%100
96	MP2B	Z	9.099	9.099	0	%100
97	MP3B	X	0	0	0	%100
98	MP3B	Z	7.516	7.516	0	%100
99	MP4B	X	0	0	0	%100
100	MP4B	Z	7.516	7.516	0	%100
101	MP1B	X	0	0	0	%100
102	MP1B	Z	7.516	7.516	0	%100
103	M95A	X	0	0	0	%100
104	M95A	Z	6.85	6.85	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,%]
105	M96A	X	0	0	0	%100
106	M96A	Z	2.275	2.275	0	%100
107	M101	X	0	0	0	%100
108	M101	Z	9.099	9.099	0	%100
109	M106	X	0	0	0	%100
110	M106	Z	2.275	2.275	0	%100
111	M117	X	0	0	0	%100
112	M117	Z	2.532	2.532	0	%100
113	M118	X	0	0	0	%100
114	M118	Z	10.128	10.128	0	%100
115	M119	X	0	0	0	%100
116	M119	Z	2.532	2.532	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	M72A	X	-1.405	-1.405	0	%100
2	M72A	Z	2.433	2.433	0	%100
3	M73	X	-3.888	-3.888	0	%100
4	M73	Z	6.734	6.734	0	%100
5	M74	X	-3.888	-3.888	0	%100
6	M74	Z	6.734	6.734	0	%100
7	M75	X	-7.121	-7.121	0	%100
8	M75	Z	12.333	12.333	0	%100
9	M78	X	-3.805	-3.805	0	%100
10	M78	Z	6.59	6.59	0	%100
11	M79	X	-.006	-.006	0	%100
12	M79	Z	.01	.01	0	%100
13	M84	X	-2.388	-2.388	0	%100
14	M84	Z	4.137	4.137	0	%100
15	M85	X	0	0	0	%100
16	M85	Z	0	0	0	%100
17	M87A	X	0	0	0	%100
18	M87A	Z	0	0	0	%100
19	M89A	X	-2.388	-2.388	0	%100
20	M89A	Z	4.137	4.137	0	%100
21	M90A	X	-7.253	-7.253	0	%100
22	M90A	Z	12.562	12.562	0	%100
23	M92	X	-7.516	-7.516	0	%100
24	M92	Z	13.019	13.019	0	%100
25	M117A	X	-1.405	-1.405	0	%100
26	M117A	Z	2.433	2.433	0	%100
27	M118A	X	-3.888	-3.888	0	%100
28	M118A	Z	6.734	6.734	0	%100
29	M119A	X	-3.888	-3.888	0	%100
30	M119A	Z	6.734	6.734	0	%100
31	M120A	X	-7.121	-7.121	0	%100
32	M120A	Z	12.333	12.333	0	%100
33	M123A	X	-.006	-.006	0	%100
34	M123A	Z	.01	.01	0	%100
35	M124A	X	-3.805	-3.805	0	%100
36	M124A	Z	6.59	6.59	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,%]
37	M129A	X	-2.388	-2.388	0	%100
38	M129A	Z	4.137	4.137	0	%100
39	M130A	X	-7.253	-7.253	0	%100
40	M130A	Z	12.562	12.562	0	%100
41	M132A	X	-7.516	-7.516	0	%100
42	M132A	Z	13.019	13.019	0	%100
43	M134A	X	-2.388	-2.388	0	%100
44	M134A	Z	4.137	4.137	0	%100
45	M135A	X	0	0	0	%100
46	M135A	Z	0	0	0	%100
47	M137A	X	0	0	0	%100
48	M137A	Z	0	0	0	%100
49	M139A	X	-5.619	-5.619	0	%100
50	M139A	Z	9.732	9.732	0	%100
51	M140A	X	0	0	0	%100
52	M140A	Z	0	0	0	%100
53	M141A	X	0	0	0	%100
54	M141A	Z	0	0	0	%100
55	M142A	X	0	0	0	%100
56	M142A	Z	0	0	0	%100
57	M145A	X	-4.102	-4.102	0	%100
58	M145A	Z	7.104	7.104	0	%100
59	M146A	X	-4.102	-4.102	0	%100
60	M146A	Z	7.104	7.104	0	%100
61	M151A	X	-9.553	-9.553	0	%100
62	M151A	Z	16.546	16.546	0	%100
63	M152A	X	-7.253	-7.253	0	%100
64	M152A	Z	12.562	12.562	0	%100
65	M154A	X	-7.516	-7.516	0	%100
66	M154A	Z	13.019	13.019	0	%100
67	M156A	X	-9.553	-9.553	0	%100
68	M156A	Z	16.546	16.546	0	%100
69	M157A	X	-7.253	-7.253	0	%100
70	M157A	Z	12.562	12.562	0	%100
71	M159A	X	-7.516	-7.516	0	%100
72	M159A	Z	13.019	13.019	0	%100
73	M161A	X	-4.154	-4.154	0	%100
74	M161A	Z	7.195	7.195	0	%100
75	MP2A	X	-4.549	-4.549	0	%100
76	MP2A	Z	7.88	7.88	0	%100
77	MP3A	X	-3.758	-3.758	0	%100
78	MP3A	Z	6.509	6.509	0	%100
79	MP4A	X	-3.758	-3.758	0	%100
80	MP4A	Z	6.509	6.509	0	%100
81	MP1A	X	-3.758	-3.758	0	%100
82	MP1A	Z	6.509	6.509	0	%100
83	M76A	X	-4.154	-4.154	0	%100
84	M76A	Z	7.195	7.195	0	%100
85	MP2C	X	-4.549	-4.549	0	%100
86	MP2C	Z	7.88	7.88	0	%100
87	MP3C	X	-3.758	-3.758	0	%100
88	MP3C	Z	6.509	6.509	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,%]
89	MP4C	X	-3.758	-3.758	0	%100
90	MP4C	Z	6.509	6.509	0	%100
91	MP1C	X	-3.758	-3.758	0	%100
92	MP1C	Z	6.509	6.509	0	%100
93	M89	X	0	0	0	%100
94	M89	Z	0	0	0	%100
95	MP2B	X	-4.549	-4.549	0	%100
96	MP2B	Z	7.88	7.88	0	%100
97	MP3B	X	-3.758	-3.758	0	%100
98	MP3B	Z	6.509	6.509	0	%100
99	MP4B	X	-3.758	-3.758	0	%100
100	MP4B	Z	6.509	6.509	0	%100
101	MP1B	X	-3.758	-3.758	0	%100
102	MP1B	Z	6.509	6.509	0	%100
103	M95A	X	-3.425	-3.425	0	%100
104	M95A	Z	5.932	5.932	0	%100
105	M96A	X	0	0	0	%100
106	M96A	Z	0	0	0	%100
107	M101	X	-3.412	-3.412	0	%100
108	M101	Z	5.91	5.91	0	%100
109	M106	X	-3.412	-3.412	0	%100
110	M106	Z	5.91	5.91	0	%100
111	M117	X	0	0	0	%100
112	M117	Z	0	0	0	%100
113	M118	X	-3.798	-3.798	0	%100
114	M118	Z	6.578	6.578	0	%100
115	M119	X	-3.798	-3.798	0	%100
116	M119	Z	6.578	6.578	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	M72A	X	-7.299	-7.299	0	%100
2	M72A	Z	4.214	4.214	0	%100
3	M73	X	-2.245	-2.245	0	%100
4	M73	Z	1.296	1.296	0	%100
5	M74	X	-2.245	-2.245	0	%100
6	M74	Z	1.296	1.296	0	%100
7	M75	X	-4.111	-4.111	0	%100
8	M75	Z	2.374	2.374	0	%100
9	M78	X	-9.126	-9.126	0	%100
10	M78	Z	5.269	5.269	0	%100
11	M79	X	-2.546	-2.546	0	%100
12	M79	Z	1.47	1.47	0	%100
13	M84	X	-12.41	-12.41	0	%100
14	M84	Z	7.165	7.165	0	%100
15	M85	X	-4.187	-4.187	0	%100
16	M85	Z	2.418	2.418	0	%100
17	M87A	X	-4.34	-4.34	0	%100
18	M87A	Z	2.505	2.505	0	%100
19	M89A	X	-12.41	-12.41	0	%100
20	M89A	Z	7.165	7.165	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,%]
21	M90A	X	-16.749	-16.749	0	%100
22	M90A	Z	9.67	9.67	0	%100
23	M92	X	-17.358	-17.358	0	%100
24	M92	Z	10.022	10.022	0	%100
25	M117A	X	0	0	0	%100
26	M117A	Z	0	0	0	%100
27	M118A	X	-8.979	-8.979	0	%100
28	M118A	Z	5.184	5.184	0	%100
29	M119A	X	-8.979	-8.979	0	%100
30	M119A	Z	5.184	5.184	0	%100
31	M120A	X	-16.445	-16.445	0	%100
32	M120A	Z	9.494	9.494	0	%100
33	M123A	X	-2.032	-2.032	0	%100
34	M123A	Z	1.173	1.173	0	%100
35	M124A	X	-2.032	-2.032	0	%100
36	M124A	Z	1.173	1.173	0	%100
37	M129A	X	0	0	0	%100
38	M129A	Z	0	0	0	%100
39	M130A	X	-4.187	-4.187	0	%100
40	M130A	Z	2.418	2.418	0	%100
41	M132A	X	-4.34	-4.34	0	%100
42	M132A	Z	2.505	2.505	0	%100
43	M134A	X	0	0	0	%100
44	M134A	Z	0	0	0	%100
45	M135A	X	-4.187	-4.187	0	%100
46	M135A	Z	2.418	2.418	0	%100
47	M137A	X	-4.34	-4.34	0	%100
48	M137A	Z	2.505	2.505	0	%100
49	M139A	X	-7.299	-7.299	0	%100
50	M139A	Z	4.214	4.214	0	%100
51	M140A	X	-2.245	-2.245	0	%100
52	M140A	Z	1.296	1.296	0	%100
53	M141A	X	-2.245	-2.245	0	%100
54	M141A	Z	1.296	1.296	0	%100
55	M142A	X	-4.111	-4.111	0	%100
56	M142A	Z	2.374	2.374	0	%100
57	M145A	X	-2.546	-2.546	0	%100
58	M145A	Z	1.47	1.47	0	%100
59	M146A	X	-9.126	-9.126	0	%100
60	M146A	Z	5.269	5.269	0	%100
61	M151A	X	-12.41	-12.41	0	%100
62	M151A	Z	7.165	7.165	0	%100
63	M152A	X	-16.749	-16.749	0	%100
64	M152A	Z	9.67	9.67	0	%100
65	M154A	X	-17.358	-17.358	0	%100
66	M154A	Z	10.022	10.022	0	%100
67	M156A	X	-12.41	-12.41	0	%100
68	M156A	Z	7.165	7.165	0	%100
69	M157A	X	-4.187	-4.187	0	%100
70	M157A	Z	2.418	2.418	0	%100
71	M159A	X	-4.34	-4.34	0	%100
72	M159A	Z	2.505	2.505	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,%]
73	M161A	X	-2.398	-2.398	0	%100
74	M161A	Z	1.385	1.385	0	%100
75	MP2A	X	-7.88	-7.88	0	%100
76	MP2A	Z	4.549	4.549	0	%100
77	MP3A	X	-6.509	-6.509	0	%100
78	MP3A	Z	3.758	3.758	0	%100
79	MP4A	X	-6.509	-6.509	0	%100
80	MP4A	Z	3.758	3.758	0	%100
81	MP1A	X	-6.509	-6.509	0	%100
82	MP1A	Z	3.758	3.758	0	%100
83	M76A	X	-9.593	-9.593	0	%100
84	M76A	Z	5.538	5.538	0	%100
85	MP2C	X	-7.88	-7.88	0	%100
86	MP2C	Z	4.549	4.549	0	%100
87	MP3C	X	-6.509	-6.509	0	%100
88	MP3C	Z	3.758	3.758	0	%100
89	MP4C	X	-6.509	-6.509	0	%100
90	MP4C	Z	3.758	3.758	0	%100
91	MP1C	X	-6.509	-6.509	0	%100
92	MP1C	Z	3.758	3.758	0	%100
93	M89	X	-2.398	-2.398	0	%100
94	M89	Z	1.385	1.385	0	%100
95	MP2B	X	-7.88	-7.88	0	%100
96	MP2B	Z	4.549	4.549	0	%100
97	MP3B	X	-6.509	-6.509	0	%100
98	MP3B	Z	3.758	3.758	0	%100
99	MP4B	X	-6.509	-6.509	0	%100
100	MP4B	Z	3.758	3.758	0	%100
101	MP1B	X	-6.509	-6.509	0	%100
102	MP1B	Z	3.758	3.758	0	%100
103	M95A	X	-5.932	-5.932	0	%100
104	M95A	Z	3.425	3.425	0	%100
105	M96A	X	-1.97	-1.97	0	%100
106	M96A	Z	1.137	1.137	0	%100
107	M101	X	-1.97	-1.97	0	%100
108	M101	Z	1.137	1.137	0	%100
109	M106	X	-7.88	-7.88	0	%100
110	M106	Z	4.549	4.549	0	%100
111	M117	X	-2.193	-2.193	0	%100
112	M117	Z	1.266	1.266	0	%100
113	M118	X	-2.193	-2.193	0	%100
114	M118	Z	1.266	1.266	0	%100
115	M119	X	-8.771	-8.771	0	%100
116	M119	Z	5.064	5.064	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M72A	X	-11.238	-11.238	0	%100
2	M72A	Z	0	0	0	%100
3	M73	X	0	0	0	%100
4	M73	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,%]
5	M74	X	0	0	0	%100
6	M74	Z	0	0	0	%100
7	M75	X	0	0	0	%100
8	M75	Z	0	0	0	%100
9	M78	X	-8.203	-8.203	0	%100
10	M78	Z	0	0	0	%100
11	M79	X	-8.203	-8.203	0	%100
12	M79	Z	0	0	0	%100
13	M84	X	-19.106	-19.106	0	%100
14	M84	Z	0	0	0	%100
15	M85	X	-14.505	-14.505	0	%100
16	M85	Z	0	0	0	%100
17	M87A	X	-15.033	-15.033	0	%100
18	M87A	Z	0	0	0	%100
19	M89A	X	-19.106	-19.106	0	%100
20	M89A	Z	0	0	0	%100
21	M90A	X	-14.505	-14.505	0	%100
22	M90A	Z	0	0	0	%100
23	M92	X	-15.033	-15.033	0	%100
24	M92	Z	0	0	0	%100
25	M117A	X	-2.809	-2.809	0	%100
26	M117A	Z	0	0	0	%100
27	M118A	X	-7.776	-7.776	0	%100
28	M118A	Z	0	0	0	%100
29	M119A	X	-7.776	-7.776	0	%100
30	M119A	Z	0	0	0	%100
31	M120A	X	-14.241	-14.241	0	%100
32	M120A	Z	0	0	0	%100
33	M123A	X	-7.609	-7.609	0	%100
34	M123A	Z	0	0	0	%100
35	M124A	X	-.011	-.011	0	%100
36	M124A	Z	0	0	0	%100
37	M129A	X	-4.776	-4.776	0	%100
38	M129A	Z	0	0	0	%100
39	M130A	X	0	0	0	%100
40	M130A	Z	0	0	0	%100
41	M132A	X	0	0	0	%100
42	M132A	Z	0	0	0	%100
43	M134A	X	-4.776	-4.776	0	%100
44	M134A	Z	0	0	0	%100
45	M135A	X	-14.505	-14.505	0	%100
46	M135A	Z	0	0	0	%100
47	M137A	X	-15.033	-15.033	0	%100
48	M137A	Z	0	0	0	%100
49	M139A	X	-2.809	-2.809	0	%100
50	M139A	Z	0	0	0	%100
51	M140A	X	-7.776	-7.776	0	%100
52	M140A	Z	0	0	0	%100
53	M141A	X	-7.776	-7.776	0	%100
54	M141A	Z	0	0	0	%100
55	M142A	X	-14.241	-14.241	0	%100
56	M142A	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,%]
57	M145A	X	-.011	-.011	0	%100
58	M145A	Z	0	0	0	%100
59	M146A	X	-7.609	-7.609	0	%100
60	M146A	Z	0	0	0	%100
61	M151A	X	-4.776	-4.776	0	%100
62	M151A	Z	0	0	0	%100
63	M152A	X	-14.505	-14.505	0	%100
64	M152A	Z	0	0	0	%100
65	M154A	X	-15.033	-15.033	0	%100
66	M154A	Z	0	0	0	%100
67	M156A	X	-4.776	-4.776	0	%100
68	M156A	Z	0	0	0	%100
69	M157A	X	0	0	0	%100
70	M157A	Z	0	0	0	%100
71	M159A	X	0	0	0	%100
72	M159A	Z	0	0	0	%100
73	M161A	X	0	0	0	%100
74	M161A	Z	0	0	0	%100
75	MP2A	X	-9.099	-9.099	0	%100
76	MP2A	Z	0	0	0	%100
77	MP3A	X	-7.516	-7.516	0	%100
78	MP3A	Z	0	0	0	%100
79	MP4A	X	-7.516	-7.516	0	%100
80	MP4A	Z	0	0	0	%100
81	MP1A	X	-7.516	-7.516	0	%100
82	MP1A	Z	0	0	0	%100
83	M76A	X	-8.307	-8.307	0	%100
84	M76A	Z	0	0	0	%100
85	MP2C	X	-9.099	-9.099	0	%100
86	MP2C	Z	0	0	0	%100
87	MP3C	X	-7.516	-7.516	0	%100
88	MP3C	Z	0	0	0	%100
89	MP4C	X	-7.516	-7.516	0	%100
90	MP4C	Z	0	0	0	%100
91	MP1C	X	-7.516	-7.516	0	%100
92	MP1C	Z	0	0	0	%100
93	M89	X	-8.307	-8.307	0	%100
94	M89	Z	0	0	0	%100
95	MP2B	X	-9.099	-9.099	0	%100
96	MP2B	Z	0	0	0	%100
97	MP3B	X	-7.516	-7.516	0	%100
98	MP3B	Z	0	0	0	%100
99	MP4B	X	-7.516	-7.516	0	%100
100	MP4B	Z	0	0	0	%100
101	MP1B	X	-7.516	-7.516	0	%100
102	MP1B	Z	0	0	0	%100
103	M95A	X	-6.85	-6.85	0	%100
104	M95A	Z	0	0	0	%100
105	M96A	X	-6.824	-6.824	0	%100
106	M96A	Z	0	0	0	%100
107	M101	X	0	0	0	%100
108	M101	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,%]
109	M106	X	-6.824	-6.824	0	%100
110	M106	Z	0	0	0	%100
111	M117	X	-7.596	-7.596	0	%100
112	M117	Z	0	0	0	%100
113	M118	X	0	0	0	%100
114	M118	Z	0	0	0	%100
115	M119	X	-7.596	-7.596	0	%100
116	M119	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	M72A	X	-7.299	-7.299	0	%100
2	M72A	Z	-4.214	-4.214	0	%100
3	M73	X	-2.245	-2.245	0	%100
4	M73	Z	-1.296	-1.296	0	%100
5	M74	X	-2.245	-2.245	0	%100
6	M74	Z	-1.296	-1.296	0	%100
7	M75	X	-4.111	-4.111	0	%100
8	M75	Z	-2.374	-2.374	0	%100
9	M78	X	-2.546	-2.546	0	%100
10	M78	Z	-1.47	-1.47	0	%100
11	M79	X	-9.126	-9.126	0	%100
12	M79	Z	-5.269	-5.269	0	%100
13	M84	X	-12.41	-12.41	0	%100
14	M84	Z	-7.165	-7.165	0	%100
15	M85	X	-16.749	-16.749	0	%100
16	M85	Z	-9.67	-9.67	0	%100
17	M87A	X	-17.358	-17.358	0	%100
18	M87A	Z	-10.022	-10.022	0	%100
19	M89A	X	-12.41	-12.41	0	%100
20	M89A	Z	-7.165	-7.165	0	%100
21	M90A	X	-4.187	-4.187	0	%100
22	M90A	Z	-2.418	-2.418	0	%100
23	M92	X	-4.34	-4.34	0	%100
24	M92	Z	-2.505	-2.505	0	%100
25	M117A	X	-7.299	-7.299	0	%100
26	M117A	Z	-4.214	-4.214	0	%100
27	M118A	X	-2.245	-2.245	0	%100
28	M118A	Z	-1.296	-1.296	0	%100
29	M119A	X	-2.245	-2.245	0	%100
30	M119A	Z	-1.296	-1.296	0	%100
31	M120A	X	-4.111	-4.111	0	%100
32	M120A	Z	-2.374	-2.374	0	%100
33	M123A	X	-9.126	-9.126	0	%100
34	M123A	Z	-5.269	-5.269	0	%100
35	M124A	X	-2.546	-2.546	0	%100
36	M124A	Z	-1.47	-1.47	0	%100
37	M129A	X	-12.41	-12.41	0	%100
38	M129A	Z	-7.165	-7.165	0	%100
39	M130A	X	-4.187	-4.187	0	%100
40	M130A	Z	-2.418	-2.418	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,%]
41	M132A	X	-4.34	-4.34	0	%100
42	M132A	Z	-2.505	-2.505	0	%100
43	M134A	X	-12.41	-12.41	0	%100
44	M134A	Z	-7.165	-7.165	0	%100
45	M135A	X	-16.749	-16.749	0	%100
46	M135A	Z	-9.67	-9.67	0	%100
47	M137A	X	-17.358	-17.358	0	%100
48	M137A	Z	-10.022	-10.022	0	%100
49	M139A	X	0	0	0	%100
50	M139A	Z	0	0	0	%100
51	M140A	X	-8.979	-8.979	0	%100
52	M140A	Z	-5.184	-5.184	0	%100
53	M141A	X	-8.979	-8.979	0	%100
54	M141A	Z	-5.184	-5.184	0	%100
55	M142A	X	-16.445	-16.445	0	%100
56	M142A	Z	-9.494	-9.494	0	%100
57	M145A	X	-2.032	-2.032	0	%100
58	M145A	Z	-1.173	-1.173	0	%100
59	M146A	X	-2.032	-2.032	0	%100
60	M146A	Z	-1.173	-1.173	0	%100
61	M151A	X	0	0	0	%100
62	M151A	Z	0	0	0	%100
63	M152A	X	-4.187	-4.187	0	%100
64	M152A	Z	-2.418	-2.418	0	%100
65	M154A	X	-4.34	-4.34	0	%100
66	M154A	Z	-2.505	-2.505	0	%100
67	M156A	X	0	0	0	%100
68	M156A	Z	0	0	0	%100
69	M157A	X	-4.187	-4.187	0	%100
70	M157A	Z	-2.418	-2.418	0	%100
71	M159A	X	-4.34	-4.34	0	%100
72	M159A	Z	-2.505	-2.505	0	%100
73	M161A	X	-2.398	-2.398	0	%100
74	M161A	Z	-1.385	-1.385	0	%100
75	MP2A	X	-7.88	-7.88	0	%100
76	MP2A	Z	-4.549	-4.549	0	%100
77	MP3A	X	-6.509	-6.509	0	%100
78	MP3A	Z	-3.758	-3.758	0	%100
79	MP4A	X	-6.509	-6.509	0	%100
80	MP4A	Z	-3.758	-3.758	0	%100
81	MP1A	X	-6.509	-6.509	0	%100
82	MP1A	Z	-3.758	-3.758	0	%100
83	M76A	X	-2.398	-2.398	0	%100
84	M76A	Z	-1.385	-1.385	0	%100
85	MP2C	X	-7.88	-7.88	0	%100
86	MP2C	Z	-4.549	-4.549	0	%100
87	MP3C	X	-6.509	-6.509	0	%100
88	MP3C	Z	-3.758	-3.758	0	%100
89	MP4C	X	-6.509	-6.509	0	%100
90	MP4C	Z	-3.758	-3.758	0	%100
91	MP1C	X	-6.509	-6.509	0	%100
92	MP1C	Z	-3.758	-3.758	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,%]
93	M89	X	-9.593	-9.593	0	%100
94	M89	Z	-5.538	-5.538	0	%100
95	MP2B	X	-7.88	-7.88	0	%100
96	MP2B	Z	-4.549	-4.549	0	%100
97	MP3B	X	-6.509	-6.509	0	%100
98	MP3B	Z	-3.758	-3.758	0	%100
99	MP4B	X	-6.509	-6.509	0	%100
100	MP4B	Z	-3.758	-3.758	0	%100
101	MP1B	X	-6.509	-6.509	0	%100
102	MP1B	Z	-3.758	-3.758	0	%100
103	M95A	X	-5.932	-5.932	0	%100
104	M95A	Z	-3.425	-3.425	0	%100
105	M96A	X	-7.88	-7.88	0	%100
106	M96A	Z	-4.549	-4.549	0	%100
107	M101	X	-1.97	-1.97	0	%100
108	M101	Z	-1.137	-1.137	0	%100
109	M106	X	-1.97	-1.97	0	%100
110	M106	Z	-1.137	-1.137	0	%100
111	M117	X	-8.771	-8.771	0	%100
112	M117	Z	-5.064	-5.064	0	%100
113	M118	X	-2.193	-2.193	0	%100
114	M118	Z	-1.266	-1.266	0	%100
115	M119	X	-2.193	-2.193	0	%100
116	M119	Z	-1.266	-1.266	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	M72A	X	-1.405	-1.405	0	%100
2	M72A	Z	-2.433	-2.433	0	%100
3	M73	X	-3.888	-3.888	0	%100
4	M73	Z	-6.734	-6.734	0	%100
5	M74	X	-3.888	-3.888	0	%100
6	M74	Z	-6.734	-6.734	0	%100
7	M75	X	-7.121	-7.121	0	%100
8	M75	Z	-12.333	-12.333	0	%100
9	M78	X	-.006	-.006	0	%100
10	M78	Z	-.01	-.01	0	%100
11	M79	X	-3.805	-3.805	0	%100
12	M79	Z	-6.59	-6.59	0	%100
13	M84	X	-2.388	-2.388	0	%100
14	M84	Z	-4.137	-4.137	0	%100
15	M85	X	-7.253	-7.253	0	%100
16	M85	Z	-12.562	-12.562	0	%100
17	M87A	X	-7.516	-7.516	0	%100
18	M87A	Z	-13.019	-13.019	0	%100
19	M89A	X	-2.388	-2.388	0	%100
20	M89A	Z	-4.137	-4.137	0	%100
21	M90A	X	0	0	0	%100
22	M90A	Z	0	0	0	%100
23	M92	X	0	0	0	%100
24	M92	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
25	M117A	X	-5.619	-5.619	0	%100
26	M117A	Z	-9.732	-9.732	0	%100
27	M118A	X	0	0	0	%100
28	M118A	Z	0	0	0	%100
29	M119A	X	0	0	0	%100
30	M119A	Z	0	0	0	%100
31	M120A	X	0	0	0	%100
32	M120A	Z	0	0	0	%100
33	M123A	X	-4.102	-4.102	0	%100
34	M123A	Z	-7.104	-7.104	0	%100
35	M124A	X	-4.102	-4.102	0	%100
36	M124A	Z	-7.104	-7.104	0	%100
37	M129A	X	-9.553	-9.553	0	%100
38	M129A	Z	-16.546	-16.546	0	%100
39	M130A	X	-7.253	-7.253	0	%100
40	M130A	Z	-12.562	-12.562	0	%100
41	M132A	X	-7.516	-7.516	0	%100
42	M132A	Z	-13.019	-13.019	0	%100
43	M134A	X	-9.553	-9.553	0	%100
44	M134A	Z	-16.546	-16.546	0	%100
45	M135A	X	-7.253	-7.253	0	%100
46	M135A	Z	-12.562	-12.562	0	%100
47	M137A	X	-7.516	-7.516	0	%100
48	M137A	Z	-13.019	-13.019	0	%100
49	M139A	X	-1.405	-1.405	0	%100
50	M139A	Z	-2.433	-2.433	0	%100
51	M140A	X	-3.888	-3.888	0	%100
52	M140A	Z	-6.734	-6.734	0	%100
53	M141A	X	-3.888	-3.888	0	%100
54	M141A	Z	-6.734	-6.734	0	%100
55	M142A	X	-7.121	-7.121	0	%100
56	M142A	Z	-12.333	-12.333	0	%100
57	M145A	X	-3.805	-3.805	0	%100
58	M145A	Z	-6.59	-6.59	0	%100
59	M146A	X	-.006	-.006	0	%100
60	M146A	Z	-.01	-.01	0	%100
61	M151A	X	-2.388	-2.388	0	%100
62	M151A	Z	-4.137	-4.137	0	%100
63	M152A	X	0	0	0	%100
64	M152A	Z	0	0	0	%100
65	M154A	X	0	0	0	%100
66	M154A	Z	0	0	0	%100
67	M156A	X	-2.388	-2.388	0	%100
68	M156A	Z	-4.137	-4.137	0	%100
69	M157A	X	-7.253	-7.253	0	%100
70	M157A	Z	-12.562	-12.562	0	%100
71	M159A	X	-7.516	-7.516	0	%100
72	M159A	Z	-13.019	-13.019	0	%100
73	M161A	X	-4.154	-4.154	0	%100
74	M161A	Z	-7.195	-7.195	0	%100
75	MP2A	X	-4.549	-4.549	0	%100
76	MP2A	Z	-7.88	-7.88	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,%]
77	MP3A	X	-3.758	-3.758	0	%100
78	MP3A	Z	-6.509	-6.509	0	%100
79	MP4A	X	-3.758	-3.758	0	%100
80	MP4A	Z	-6.509	-6.509	0	%100
81	MP1A	X	-3.758	-3.758	0	%100
82	MP1A	Z	-6.509	-6.509	0	%100
83	M76A	X	0	0	0	%100
84	M76A	Z	0	0	0	%100
85	MP2C	X	-4.549	-4.549	0	%100
86	MP2C	Z	-7.88	-7.88	0	%100
87	MP3C	X	-3.758	-3.758	0	%100
88	MP3C	Z	-6.509	-6.509	0	%100
89	MP4C	X	-3.758	-3.758	0	%100
90	MP4C	Z	-6.509	-6.509	0	%100
91	MP1C	X	-3.758	-3.758	0	%100
92	MP1C	Z	-6.509	-6.509	0	%100
93	M89	X	-4.154	-4.154	0	%100
94	M89	Z	-7.195	-7.195	0	%100
95	MP2B	X	-4.549	-4.549	0	%100
96	MP2B	Z	-7.88	-7.88	0	%100
97	MP3B	X	-3.758	-3.758	0	%100
98	MP3B	Z	-6.509	-6.509	0	%100
99	MP4B	X	-3.758	-3.758	0	%100
100	MP4B	Z	-6.509	-6.509	0	%100
101	MP1B	X	-3.758	-3.758	0	%100
102	MP1B	Z	-6.509	-6.509	0	%100
103	M95A	X	-3.425	-3.425	0	%100
104	M95A	Z	-5.932	-5.932	0	%100
105	M96A	X	-3.412	-3.412	0	%100
106	M96A	Z	-5.91	-5.91	0	%100
107	M101	X	-3.412	-3.412	0	%100
108	M101	Z	-5.91	-5.91	0	%100
109	M106	X	0	0	0	%100
110	M106	Z	0	0	0	%100
111	M117	X	-3.798	-3.798	0	%100
112	M117	Z	-6.578	-6.578	0	%100
113	M118	X	-3.798	-3.798	0	%100
114	M118	Z	-6.578	-6.578	0	%100
115	M119	X	0	0	0	%100
116	M119	Z	0	0	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	M72A	X	0	0	0	%100
2	M72A	Z	0	0	0	%100
3	M73	X	0	0	0	%100
4	M73	Z	-3.031	-3.031	0	%100
5	M74	X	0	0	0	%100
6	M74	Z	-3.031	-3.031	0	%100
7	M75	X	0	0	0	%100
8	M75	Z	-4.486	-4.486	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,%]
9	M78	X	0	0	0	%100
10	M78	Z	-.735	-.735	0	%100
11	M79	X	0	0	0	%100
12	M79	Z	-.735	-.735	0	%100
13	M84	X	0	0	0	%100
14	M84	Z	0	0	0	%100
15	M85	X	0	0	0	%100
16	M85	Z	-1.118	-1.118	0	%100
17	M87A	X	0	0	0	%100
18	M87A	Z	-1.151	-1.151	0	%100
19	M89A	X	0	0	0	%100
20	M89A	Z	0	0	0	%100
21	M90A	X	0	0	0	%100
22	M90A	Z	-1.118	-1.118	0	%100
23	M92	X	0	0	0	%100
24	M92	Z	-1.151	-1.151	0	%100
25	M117A	X	0	0	0	%100
26	M117A	Z	-2.642	-2.642	0	%100
27	M118A	X	0	0	0	%100
28	M118A	Z	-.758	-.758	0	%100
29	M119A	X	0	0	0	%100
30	M119A	Z	-.758	-.758	0	%100
31	M120A	X	0	0	0	%100
32	M120A	Z	-1.121	-1.121	0	%100
33	M123A	X	0	0	0	%100
34	M123A	Z	-.921	-.921	0	%100
35	M124A	X	0	0	0	%100
36	M124A	Z	-3.301	-3.301	0	%100
37	M129A	X	0	0	0	%100
38	M129A	Z	-3.32	-3.32	0	%100
39	M130A	X	0	0	0	%100
40	M130A	Z	-4.471	-4.471	0	%100
41	M132A	X	0	0	0	%100
42	M132A	Z	-4.604	-4.604	0	%100
43	M134A	X	0	0	0	%100
44	M134A	Z	-3.32	-3.32	0	%100
45	M135A	X	0	0	0	%100
46	M135A	Z	-1.118	-1.118	0	%100
47	M137A	X	0	0	0	%100
48	M137A	Z	-1.151	-1.151	0	%100
49	M139A	X	0	0	0	%100
50	M139A	Z	-2.642	-2.642	0	%100
51	M140A	X	0	0	0	%100
52	M140A	Z	-.758	-.758	0	%100
53	M141A	X	0	0	0	%100
54	M141A	Z	-.758	-.758	0	%100
55	M142A	X	0	0	0	%100
56	M142A	Z	-1.121	-1.121	0	%100
57	M145A	X	0	0	0	%100
58	M145A	Z	-3.3	-3.3	0	%100
59	M146A	X	0	0	0	%100
60	M146A	Z	-.921	-.921	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,%]
61	M151A	X	0	0	0	%100
62	M151A	Z	-3.32	-3.32	0	%100
63	M152A	X	0	0	0	%100
64	M152A	Z	-1.118	-1.118	0	%100
65	M154A	X	0	0	0	%100
66	M154A	Z	-1.151	-1.151	0	%100
67	M156A	X	0	0	0	%100
68	M156A	Z	-3.32	-3.32	0	%100
69	M157A	X	0	0	0	%100
70	M157A	Z	-4.471	-4.471	0	%100
71	M159A	X	0	0	0	%100
72	M159A	Z	-4.604	-4.604	0	%100
73	M161A	X	0	0	0	%100
74	M161A	Z	-3.492	-3.492	0	%100
75	MP2A	X	0	0	0	%100
76	MP2A	Z	-3.118	-3.118	0	%100
77	MP3A	X	0	0	0	%100
78	MP3A	Z	-2.819	-2.819	0	%100
79	MP4A	X	0	0	0	%100
80	MP4A	Z	-2.819	-2.819	0	%100
81	MP1A	X	0	0	0	%100
82	MP1A	Z	-2.819	-2.819	0	%100
83	M76A	X	0	0	0	%100
84	M76A	Z	-.873	-.873	0	%100
85	MP2C	X	0	0	0	%100
86	MP2C	Z	-3.118	-3.118	0	%100
87	MP3C	X	0	0	0	%100
88	MP3C	Z	-2.819	-2.819	0	%100
89	MP4C	X	0	0	0	%100
90	MP4C	Z	-2.819	-2.819	0	%100
91	MP1C	X	0	0	0	%100
92	MP1C	Z	-2.819	-2.819	0	%100
93	M89	X	0	0	0	%100
94	M89	Z	-.873	-.873	0	%100
95	MP2B	X	0	0	0	%100
96	MP2B	Z	-3.118	-3.118	0	%100
97	MP3B	X	0	0	0	%100
98	MP3B	Z	-2.819	-2.819	0	%100
99	MP4B	X	0	0	0	%100
100	MP4B	Z	-2.819	-2.819	0	%100
101	MP1B	X	0	0	0	%100
102	MP1B	Z	-2.819	-2.819	0	%100
103	M95A	X	0	0	0	%100
104	M95A	Z	-2.577	-2.577	0	%100
105	M96A	X	0	0	0	%100
106	M96A	Z	-.779	-.779	0	%100
107	M101	X	0	0	0	%100
108	M101	Z	-3.118	-3.118	0	%100
109	M106	X	0	0	0	%100
110	M106	Z	-.779	-.779	0	%100
111	M117	X	0	0	0	%100
112	M117	Z	-.702	-.702	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,%]
113	M118	X	0	0	0	%100
114	M118	Z	-2.808	-2.808	0	%100
115	M119	X	0	0	0	%100
116	M119	Z	-.702	-.702	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	M72A	X	.44	.44	0	%100
2	M72A	Z	-.763	-.763	0	%100
3	M73	X	1.136	1.136	0	%100
4	M73	Z	-1.968	-1.968	0	%100
5	M74	X	1.136	1.136	0	%100
6	M74	Z	-1.968	-1.968	0	%100
7	M75	X	1.682	1.682	0	%100
8	M75	Z	-2.913	-2.913	0	%100
9	M78	X	1.192	1.192	0	%100
10	M78	Z	-2.064	-2.064	0	%100
11	M79	X	.002	.002	0	%100
12	M79	Z	-.003	-.003	0	%100
13	M84	X	.553	.553	0	%100
14	M84	Z	-.958	-.958	0	%100
15	M85	X	0	0	0	%100
16	M85	Z	0	0	0	%100
17	M87A	X	0	0	0	%100
18	M87A	Z	0	0	0	%100
19	M89A	X	.553	.553	0	%100
20	M89A	Z	-.958	-.958	0	%100
21	M90A	X	1.677	1.677	0	%100
22	M90A	Z	-2.904	-2.904	0	%100
23	M92	X	1.727	1.727	0	%100
24	M92	Z	-2.991	-2.991	0	%100
25	M117A	X	.44	.44	0	%100
26	M117A	Z	-.763	-.763	0	%100
27	M118A	X	1.136	1.136	0	%100
28	M118A	Z	-1.968	-1.968	0	%100
29	M119A	X	1.136	1.136	0	%100
30	M119A	Z	-1.968	-1.968	0	%100
31	M120A	X	1.682	1.682	0	%100
32	M120A	Z	-2.913	-2.913	0	%100
33	M123A	X	.002	.002	0	%100
34	M123A	Z	-.003	-.003	0	%100
35	M124A	X	1.192	1.192	0	%100
36	M124A	Z	-2.064	-2.064	0	%100
37	M129A	X	.553	.553	0	%100
38	M129A	Z	-.958	-.958	0	%100
39	M130A	X	1.677	1.677	0	%100
40	M130A	Z	-2.904	-2.904	0	%100
41	M132A	X	1.727	1.727	0	%100
42	M132A	Z	-2.991	-2.991	0	%100
43	M134A	X	.553	.553	0	%100
44	M134A	Z	-.958	-.958	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,%]
45	M135A	X	0	0	0	%100
46	M135A	Z	0	0	0	%100
47	M137A	X	0	0	0	%100
48	M137A	Z	0	0	0	%100
49	M139A	X	1.761	1.761	0	%100
50	M139A	Z	-3.05	-3.05	0	%100
51	M140A	X	0	0	0	%100
52	M140A	Z	0	0	0	%100
53	M141A	X	0	0	0	%100
54	M141A	Z	0	0	0	%100
55	M142A	X	0	0	0	%100
56	M142A	Z	0	0	0	%100
57	M145A	X	1.285	1.285	0	%100
58	M145A	Z	-2.225	-2.225	0	%100
59	M146A	X	1.285	1.285	0	%100
60	M146A	Z	-2.225	-2.225	0	%100
61	M151A	X	2.214	2.214	0	%100
62	M151A	Z	-3.834	-3.834	0	%100
63	M152A	X	1.677	1.677	0	%100
64	M152A	Z	-2.904	-2.904	0	%100
65	M154A	X	1.727	1.727	0	%100
66	M154A	Z	-2.991	-2.991	0	%100
67	M156A	X	2.214	2.214	0	%100
68	M156A	Z	-3.834	-3.834	0	%100
69	M157A	X	1.677	1.677	0	%100
70	M157A	Z	-2.904	-2.904	0	%100
71	M159A	X	1.727	1.727	0	%100
72	M159A	Z	-2.991	-2.991	0	%100
73	M161A	X	1.309	1.309	0	%100
74	M161A	Z	-2.268	-2.268	0	%100
75	MP2A	X	1.559	1.559	0	%100
76	MP2A	Z	-2.7	-2.7	0	%100
77	MP3A	X	1.409	1.409	0	%100
78	MP3A	Z	-2.441	-2.441	0	%100
79	MP4A	X	1.409	1.409	0	%100
80	MP4A	Z	-2.441	-2.441	0	%100
81	MP1A	X	1.409	1.409	0	%100
82	MP1A	Z	-2.441	-2.441	0	%100
83	M76A	X	1.309	1.309	0	%100
84	M76A	Z	-2.268	-2.268	0	%100
85	MP2C	X	1.559	1.559	0	%100
86	MP2C	Z	-2.7	-2.7	0	%100
87	MP3C	X	1.409	1.409	0	%100
88	MP3C	Z	-2.441	-2.441	0	%100
89	MP4C	X	1.409	1.409	0	%100
90	MP4C	Z	-2.441	-2.441	0	%100
91	MP1C	X	1.409	1.409	0	%100
92	MP1C	Z	-2.441	-2.441	0	%100
93	M89	X	0	0	0	%100
94	M89	Z	0	0	0	%100
95	MP2B	X	1.559	1.559	0	%100
96	MP2B	Z	-2.7	-2.7	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,%]
97	MP3B	X	1.409	1.409	0	%100
98	MP3B	Z	-2.441	-2.441	0	%100
99	MP4B	X	1.409	1.409	0	%100
100	MP4B	Z	-2.441	-2.441	0	%100
101	MP1B	X	1.409	1.409	0	%100
102	MP1B	Z	-2.441	-2.441	0	%100
103	M95A	X	1.289	1.289	0	%100
104	M95A	Z	-2.232	-2.232	0	%100
105	M96A	X	0	0	0	%100
106	M96A	Z	0	0	0	%100
107	M101	X	1.169	1.169	0	%100
108	M101	Z	-2.025	-2.025	0	%100
109	M106	X	1.169	1.169	0	%100
110	M106	Z	-2.025	-2.025	0	%100
111	M117	X	0	0	0	%100
112	M117	Z	0	0	0	%100
113	M118	X	1.053	1.053	0	%100
114	M118	Z	-1.824	-1.824	0	%100
115	M119	X	1.053	1.053	0	%100
116	M119	Z	-1.824	-1.824	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	M72A	X	2.288	2.288	0	%100
2	M72A	Z	-1.321	-1.321	0	%100
3	M73	X	.656	.656	0	%100
4	M73	Z	-.379	-.379	0	%100
5	M74	X	.656	.656	0	%100
6	M74	Z	-.379	-.379	0	%100
7	M75	X	.971	.971	0	%100
8	M75	Z	-.561	-.561	0	%100
9	M78	X	2.858	2.858	0	%100
10	M78	Z	-1.65	-1.65	0	%100
11	M79	X	.797	.797	0	%100
12	M79	Z	-.46	-.46	0	%100
13	M84	X	2.875	2.875	0	%100
14	M84	Z	-1.66	-1.66	0	%100
15	M85	X	.968	.968	0	%100
16	M85	Z	-.559	-.559	0	%100
17	M87A	X	.997	.997	0	%100
18	M87A	Z	-.576	-.576	0	%100
19	M89A	X	2.875	2.875	0	%100
20	M89A	Z	-1.66	-1.66	0	%100
21	M90A	X	3.872	3.872	0	%100
22	M90A	Z	-2.236	-2.236	0	%100
23	M92	X	3.987	3.987	0	%100
24	M92	Z	-2.302	-2.302	0	%100
25	M117A	X	0	0	0	%100
26	M117A	Z	0	0	0	%100
27	M118A	X	2.625	2.625	0	%100
28	M118A	Z	-1.515	-1.515	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
29	M119A	X	2.625	2.625	0	%100
30	M119A	Z	-1.515	-1.515	0	%100
31	M120A	X	3.885	3.885	0	%100
32	M120A	Z	-2.243	-2.243	0	%100
33	M123A	X	.636	.636	0	%100
34	M123A	Z	-.367	-.367	0	%100
35	M124A	X	.636	.636	0	%100
36	M124A	Z	-.367	-.367	0	%100
37	M129A	X	0	0	0	%100
38	M129A	Z	0	0	0	%100
39	M130A	X	.968	.968	0	%100
40	M130A	Z	-.559	-.559	0	%100
41	M132A	X	.997	.997	0	%100
42	M132A	Z	-.576	-.576	0	%100
43	M134A	X	0	0	0	%100
44	M134A	Z	0	0	0	%100
45	M135A	X	.968	.968	0	%100
46	M135A	Z	-.559	-.559	0	%100
47	M137A	X	.997	.997	0	%100
48	M137A	Z	-.576	-.576	0	%100
49	M139A	X	2.288	2.288	0	%100
50	M139A	Z	-1.321	-1.321	0	%100
51	M140A	X	.656	.656	0	%100
52	M140A	Z	-.379	-.379	0	%100
53	M141A	X	.656	.656	0	%100
54	M141A	Z	-.379	-.379	0	%100
55	M142A	X	.971	.971	0	%100
56	M142A	Z	-.561	-.561	0	%100
57	M145A	X	.797	.797	0	%100
58	M145A	Z	-.46	-.46	0	%100
59	M146A	X	2.858	2.858	0	%100
60	M146A	Z	-1.65	-1.65	0	%100
61	M151A	X	2.875	2.875	0	%100
62	M151A	Z	-1.66	-1.66	0	%100
63	M152A	X	3.872	3.872	0	%100
64	M152A	Z	-2.236	-2.236	0	%100
65	M154A	X	3.987	3.987	0	%100
66	M154A	Z	-2.302	-2.302	0	%100
67	M156A	X	2.875	2.875	0	%100
68	M156A	Z	-1.66	-1.66	0	%100
69	M157A	X	.968	.968	0	%100
70	M157A	Z	-.559	-.559	0	%100
71	M159A	X	.997	.997	0	%100
72	M159A	Z	-.576	-.576	0	%100
73	M161A	X	.756	.756	0	%100
74	M161A	Z	-.436	-.436	0	%100
75	MP2A	X	2.7	2.7	0	%100
76	MP2A	Z	-1.559	-1.559	0	%100
77	MP3A	X	2.441	2.441	0	%100
78	MP3A	Z	-1.409	-1.409	0	%100
79	MP4A	X	2.441	2.441	0	%100
80	MP4A	Z	-1.409	-1.409	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
81	MP1A	X	2.441	2.441	0	%100
82	MP1A	Z	-1.409	-1.409	0	%100
83	M76A	X	3.024	3.024	0	%100
84	M76A	Z	-1.746	-1.746	0	%100
85	MP2C	X	2.7	2.7	0	%100
86	MP2C	Z	-1.559	-1.559	0	%100
87	MP3C	X	2.441	2.441	0	%100
88	MP3C	Z	-1.409	-1.409	0	%100
89	MP4C	X	2.441	2.441	0	%100
90	MP4C	Z	-1.409	-1.409	0	%100
91	MP1C	X	2.441	2.441	0	%100
92	MP1C	Z	-1.409	-1.409	0	%100
93	M89	X	.756	.756	0	%100
94	M89	Z	-.436	-.436	0	%100
95	MP2B	X	2.7	2.7	0	%100
96	MP2B	Z	-1.559	-1.559	0	%100
97	MP3B	X	2.441	2.441	0	%100
98	MP3B	Z	-1.409	-1.409	0	%100
99	MP4B	X	2.441	2.441	0	%100
100	MP4B	Z	-1.409	-1.409	0	%100
101	MP1B	X	2.441	2.441	0	%100
102	MP1B	Z	-1.409	-1.409	0	%100
103	M95A	X	2.232	2.232	0	%100
104	M95A	Z	-1.289	-1.289	0	%100
105	M96A	X	.675	.675	0	%100
106	M96A	Z	-.39	-.39	0	%100
107	M101	X	.675	.675	0	%100
108	M101	Z	-.39	-.39	0	%100
109	M106	X	2.7	2.7	0	%100
110	M106	Z	-1.559	-1.559	0	%100
111	M117	X	.608	.608	0	%100
112	M117	Z	-.351	-.351	0	%100
113	M118	X	.608	.608	0	%100
114	M118	Z	-.351	-.351	0	%100
115	M119	X	2.432	2.432	0	%100
116	M119	Z	-1.404	-1.404	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M72A	X	3.522	3.522	0	%100
2	M72A	Z	0	0	0	%100
3	M73	X	0	0	0	%100
4	M73	Z	0	0	0	%100
5	M74	X	0	0	0	%100
6	M74	Z	0	0	0	%100
7	M75	X	0	0	0	%100
8	M75	Z	0	0	0	%100
9	M78	X	2.569	2.569	0	%100
10	M78	Z	0	0	0	%100
11	M79	X	2.569	2.569	0	%100
12	M79	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
13	M84	X	4.427	4.427	0	%100
14	M84	Z	0	0	0	%100
15	M85	X	3.354	3.354	0	%100
16	M85	Z	0	0	0	%100
17	M87A	X	3.453	3.453	0	%100
18	M87A	Z	0	0	0	%100
19	M89A	X	4.427	4.427	0	%100
20	M89A	Z	0	0	0	%100
21	M90A	X	3.354	3.354	0	%100
22	M90A	Z	0	0	0	%100
23	M92	X	3.453	3.453	0	%100
24	M92	Z	0	0	0	%100
25	M117A	X	.881	.881	0	%100
26	M117A	Z	0	0	0	%100
27	M118A	X	2.273	2.273	0	%100
28	M118A	Z	0	0	0	%100
29	M119A	X	2.273	2.273	0	%100
30	M119A	Z	0	0	0	%100
31	M120A	X	3.364	3.364	0	%100
32	M120A	Z	0	0	0	%100
33	M123A	X	2.383	2.383	0	%100
34	M123A	Z	0	0	0	%100
35	M124A	X	.003	.003	0	%100
36	M124A	Z	0	0	0	%100
37	M129A	X	1.107	1.107	0	%100
38	M129A	Z	0	0	0	%100
39	M130A	X	0	0	0	%100
40	M130A	Z	0	0	0	%100
41	M132A	X	0	0	0	%100
42	M132A	Z	0	0	0	%100
43	M134A	X	1.107	1.107	0	%100
44	M134A	Z	0	0	0	%100
45	M135A	X	3.354	3.354	0	%100
46	M135A	Z	0	0	0	%100
47	M137A	X	3.453	3.453	0	%100
48	M137A	Z	0	0	0	%100
49	M139A	X	.881	.881	0	%100
50	M139A	Z	0	0	0	%100
51	M140A	X	2.273	2.273	0	%100
52	M140A	Z	0	0	0	%100
53	M141A	X	2.273	2.273	0	%100
54	M141A	Z	0	0	0	%100
55	M142A	X	3.364	3.364	0	%100
56	M142A	Z	0	0	0	%100
57	M145A	X	.003	.003	0	%100
58	M145A	Z	0	0	0	%100
59	M146A	X	2.383	2.383	0	%100
60	M146A	Z	0	0	0	%100
61	M151A	X	1.107	1.107	0	%100
62	M151A	Z	0	0	0	%100
63	M152A	X	3.354	3.354	0	%100
64	M152A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
65	M154A	X	3.453	3.453	0	%100
66	M154A	Z	0	0	0	%100
67	M156A	X	1.107	1.107	0	%100
68	M156A	Z	0	0	0	%100
69	M157A	X	0	0	0	%100
70	M157A	Z	0	0	0	%100
71	M159A	X	0	0	0	%100
72	M159A	Z	0	0	0	%100
73	M161A	X	0	0	0	%100
74	M161A	Z	0	0	0	%100
75	MP2A	X	3.118	3.118	0	%100
76	MP2A	Z	0	0	0	%100
77	MP3A	X	2.819	2.819	0	%100
78	MP3A	Z	0	0	0	%100
79	MP4A	X	2.819	2.819	0	%100
80	MP4A	Z	0	0	0	%100
81	MP1A	X	2.819	2.819	0	%100
82	MP1A	Z	0	0	0	%100
83	M76A	X	2.619	2.619	0	%100
84	M76A	Z	0	0	0	%100
85	MP2C	X	3.118	3.118	0	%100
86	MP2C	Z	0	0	0	%100
87	MP3C	X	2.819	2.819	0	%100
88	MP3C	Z	0	0	0	%100
89	MP4C	X	2.819	2.819	0	%100
90	MP4C	Z	0	0	0	%100
91	MP1C	X	2.819	2.819	0	%100
92	MP1C	Z	0	0	0	%100
93	M89	X	2.619	2.619	0	%100
94	M89	Z	0	0	0	%100
95	MP2B	X	3.118	3.118	0	%100
96	MP2B	Z	0	0	0	%100
97	MP3B	X	2.819	2.819	0	%100
98	MP3B	Z	0	0	0	%100
99	MP4B	X	2.819	2.819	0	%100
100	MP4B	Z	0	0	0	%100
101	MP1B	X	2.819	2.819	0	%100
102	MP1B	Z	0	0	0	%100
103	M95A	X	2.577	2.577	0	%100
104	M95A	Z	0	0	0	%100
105	M96A	X	2.338	2.338	0	%100
106	M96A	Z	0	0	0	%100
107	M101	X	0	0	0	%100
108	M101	Z	0	0	0	%100
109	M106	X	2.338	2.338	0	%100
110	M106	Z	0	0	0	%100
111	M117	X	2.106	2.106	0	%100
112	M117	Z	0	0	0	%100
113	M118	X	0	0	0	%100
114	M118	Z	0	0	0	%100
115	M119	X	2.106	2.106	0	%100
116	M119	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M72A	X	2.288	2.288	0	%100
2	M72A	Z	1.321	1.321	0	%100
3	M73	X	.656	.656	0	%100
4	M73	Z	.379	.379	0	%100
5	M74	X	.656	.656	0	%100
6	M74	Z	.379	.379	0	%100
7	M75	X	.971	.971	0	%100
8	M75	Z	.561	.561	0	%100
9	M78	X	.797	.797	0	%100
10	M78	Z	.46	.46	0	%100
11	M79	X	2.858	2.858	0	%100
12	M79	Z	1.65	1.65	0	%100
13	M84	X	2.875	2.875	0	%100
14	M84	Z	1.66	1.66	0	%100
15	M85	X	3.872	3.872	0	%100
16	M85	Z	2.236	2.236	0	%100
17	M87A	X	3.987	3.987	0	%100
18	M87A	Z	2.302	2.302	0	%100
19	M89A	X	2.875	2.875	0	%100
20	M89A	Z	1.66	1.66	0	%100
21	M90A	X	.968	.968	0	%100
22	M90A	Z	.559	.559	0	%100
23	M92	X	.997	.997	0	%100
24	M92	Z	.576	.576	0	%100
25	M117A	X	2.288	2.288	0	%100
26	M117A	Z	1.321	1.321	0	%100
27	M118A	X	.656	.656	0	%100
28	M118A	Z	.379	.379	0	%100
29	M119A	X	.656	.656	0	%100
30	M119A	Z	.379	.379	0	%100
31	M120A	X	.971	.971	0	%100
32	M120A	Z	.561	.561	0	%100
33	M123A	X	2.858	2.858	0	%100
34	M123A	Z	1.65	1.65	0	%100
35	M124A	X	.797	.797	0	%100
36	M124A	Z	.46	.46	0	%100
37	M129A	X	2.875	2.875	0	%100
38	M129A	Z	1.66	1.66	0	%100
39	M130A	X	.968	.968	0	%100
40	M130A	Z	.559	.559	0	%100
41	M132A	X	.997	.997	0	%100
42	M132A	Z	.576	.576	0	%100
43	M134A	X	2.875	2.875	0	%100
44	M134A	Z	1.66	1.66	0	%100
45	M135A	X	3.872	3.872	0	%100
46	M135A	Z	2.236	2.236	0	%100
47	M137A	X	3.987	3.987	0	%100
48	M137A	Z	2.302	2.302	0	%100
49	M139A	X	0	0	0	%100
50	M139A	Z	0	0	0	%100
51	M140A	X	2.625	2.625	0	%100
52	M140A	Z	1.515	1.515	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,%]
53	M141A	X	2.625	2.625	0	%100
54	M141A	Z	1.515	1.515	0	%100
55	M142A	X	3.885	3.885	0	%100
56	M142A	Z	2.243	2.243	0	%100
57	M145A	X	.636	.636	0	%100
58	M145A	Z	.367	.367	0	%100
59	M146A	X	.636	.636	0	%100
60	M146A	Z	.367	.367	0	%100
61	M151A	X	0	0	0	%100
62	M151A	Z	0	0	0	%100
63	M152A	X	.968	.968	0	%100
64	M152A	Z	.559	.559	0	%100
65	M154A	X	.997	.997	0	%100
66	M154A	Z	.576	.576	0	%100
67	M156A	X	0	0	0	%100
68	M156A	Z	0	0	0	%100
69	M157A	X	.968	.968	0	%100
70	M157A	Z	.559	.559	0	%100
71	M159A	X	.997	.997	0	%100
72	M159A	Z	.576	.576	0	%100
73	M161A	X	.756	.756	0	%100
74	M161A	Z	.436	.436	0	%100
75	MP2A	X	2.7	2.7	0	%100
76	MP2A	Z	1.559	1.559	0	%100
77	MP3A	X	2.441	2.441	0	%100
78	MP3A	Z	1.409	1.409	0	%100
79	MP4A	X	2.441	2.441	0	%100
80	MP4A	Z	1.409	1.409	0	%100
81	MP1A	X	2.441	2.441	0	%100
82	MP1A	Z	1.409	1.409	0	%100
83	M76A	X	.756	.756	0	%100
84	M76A	Z	.436	.436	0	%100
85	MP2C	X	2.7	2.7	0	%100
86	MP2C	Z	1.559	1.559	0	%100
87	MP3C	X	2.441	2.441	0	%100
88	MP3C	Z	1.409	1.409	0	%100
89	MP4C	X	2.441	2.441	0	%100
90	MP4C	Z	1.409	1.409	0	%100
91	MP1C	X	2.441	2.441	0	%100
92	MP1C	Z	1.409	1.409	0	%100
93	M89	X	3.024	3.024	0	%100
94	M89	Z	1.746	1.746	0	%100
95	MP2B	X	2.7	2.7	0	%100
96	MP2B	Z	1.559	1.559	0	%100
97	MP3B	X	2.441	2.441	0	%100
98	MP3B	Z	1.409	1.409	0	%100
99	MP4B	X	2.441	2.441	0	%100
100	MP4B	Z	1.409	1.409	0	%100
101	MP1B	X	2.441	2.441	0	%100
102	MP1B	Z	1.409	1.409	0	%100
103	M95A	X	2.232	2.232	0	%100
104	M95A	Z	1.289	1.289	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,%]
105	M96A	X	2.7	2.7	0	%100
106	M96A	Z	1.559	1.559	0	%100
107	M101	X	.675	.675	0	%100
108	M101	Z	.39	.39	0	%100
109	M106	X	.675	.675	0	%100
110	M106	Z	.39	.39	0	%100
111	M117	X	2.432	2.432	0	%100
112	M117	Z	1.404	1.404	0	%100
113	M118	X	.608	.608	0	%100
114	M118	Z	.351	.351	0	%100
115	M119	X	.608	.608	0	%100
116	M119	Z	.351	.351	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M72A	X	.44	.44	0	%100
2	M72A	Z	.763	.763	0	%100
3	M73	X	1.136	1.136	0	%100
4	M73	Z	1.968	1.968	0	%100
5	M74	X	1.136	1.136	0	%100
6	M74	Z	1.968	1.968	0	%100
7	M75	X	1.682	1.682	0	%100
8	M75	Z	2.913	2.913	0	%100
9	M78	X	.002	.002	0	%100
10	M78	Z	.003	.003	0	%100
11	M79	X	1.192	1.192	0	%100
12	M79	Z	2.064	2.064	0	%100
13	M84	X	.553	.553	0	%100
14	M84	Z	.958	.958	0	%100
15	M85	X	1.677	1.677	0	%100
16	M85	Z	2.904	2.904	0	%100
17	M87A	X	1.727	1.727	0	%100
18	M87A	Z	2.991	2.991	0	%100
19	M89A	X	.553	.553	0	%100
20	M89A	Z	.958	.958	0	%100
21	M90A	X	0	0	0	%100
22	M90A	Z	0	0	0	%100
23	M92	X	0	0	0	%100
24	M92	Z	0	0	0	%100
25	M117A	X	1.761	1.761	0	%100
26	M117A	Z	3.05	3.05	0	%100
27	M118A	X	0	0	0	%100
28	M118A	Z	0	0	0	%100
29	M119A	X	0	0	0	%100
30	M119A	Z	0	0	0	%100
31	M120A	X	0	0	0	%100
32	M120A	Z	0	0	0	%100
33	M123A	X	1.285	1.285	0	%100
34	M123A	Z	2.225	2.225	0	%100
35	M124A	X	1.285	1.285	0	%100
36	M124A	Z	2.225	2.225	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,%]
37	M129A	X	2.214	2.214	0	%100
38	M129A	Z	3.834	3.834	0	%100
39	M130A	X	1.677	1.677	0	%100
40	M130A	Z	2.904	2.904	0	%100
41	M132A	X	1.727	1.727	0	%100
42	M132A	Z	2.991	2.991	0	%100
43	M134A	X	2.214	2.214	0	%100
44	M134A	Z	3.834	3.834	0	%100
45	M135A	X	1.677	1.677	0	%100
46	M135A	Z	2.904	2.904	0	%100
47	M137A	X	1.727	1.727	0	%100
48	M137A	Z	2.991	2.991	0	%100
49	M139A	X	.44	.44	0	%100
50	M139A	Z	.763	.763	0	%100
51	M140A	X	1.136	1.136	0	%100
52	M140A	Z	1.968	1.968	0	%100
53	M141A	X	1.136	1.136	0	%100
54	M141A	Z	1.968	1.968	0	%100
55	M142A	X	1.682	1.682	0	%100
56	M142A	Z	2.913	2.913	0	%100
57	M145A	X	1.192	1.192	0	%100
58	M145A	Z	2.064	2.064	0	%100
59	M146A	X	.002	.002	0	%100
60	M146A	Z	.003	.003	0	%100
61	M151A	X	.553	.553	0	%100
62	M151A	Z	.958	.958	0	%100
63	M152A	X	0	0	0	%100
64	M152A	Z	0	0	0	%100
65	M154A	X	0	0	0	%100
66	M154A	Z	0	0	0	%100
67	M156A	X	.553	.553	0	%100
68	M156A	Z	.958	.958	0	%100
69	M157A	X	1.677	1.677	0	%100
70	M157A	Z	2.904	2.904	0	%100
71	M159A	X	1.727	1.727	0	%100
72	M159A	Z	2.991	2.991	0	%100
73	M161A	X	1.309	1.309	0	%100
74	M161A	Z	2.268	2.268	0	%100
75	MP2A	X	1.559	1.559	0	%100
76	MP2A	Z	2.7	2.7	0	%100
77	MP3A	X	1.409	1.409	0	%100
78	MP3A	Z	2.441	2.441	0	%100
79	MP4A	X	1.409	1.409	0	%100
80	MP4A	Z	2.441	2.441	0	%100
81	MP1A	X	1.409	1.409	0	%100
82	MP1A	Z	2.441	2.441	0	%100
83	M76A	X	0	0	0	%100
84	M76A	Z	0	0	0	%100
85	MP2C	X	1.559	1.559	0	%100
86	MP2C	Z	2.7	2.7	0	%100
87	MP3C	X	1.409	1.409	0	%100
88	MP3C	Z	2.441	2.441	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,%]
89	MP4C	X	1.409	1.409	0	%100
90	MP4C	Z	2.441	2.441	0	%100
91	MP1C	X	1.409	1.409	0	%100
92	MP1C	Z	2.441	2.441	0	%100
93	M89	X	1.309	1.309	0	%100
94	M89	Z	2.268	2.268	0	%100
95	MP2B	X	1.559	1.559	0	%100
96	MP2B	Z	2.7	2.7	0	%100
97	MP3B	X	1.409	1.409	0	%100
98	MP3B	Z	2.441	2.441	0	%100
99	MP4B	X	1.409	1.409	0	%100
100	MP4B	Z	2.441	2.441	0	%100
101	MP1B	X	1.409	1.409	0	%100
102	MP1B	Z	2.441	2.441	0	%100
103	M95A	X	1.289	1.289	0	%100
104	M95A	Z	2.232	2.232	0	%100
105	M96A	X	1.169	1.169	0	%100
106	M96A	Z	2.025	2.025	0	%100
107	M101	X	1.169	1.169	0	%100
108	M101	Z	2.025	2.025	0	%100
109	M106	X	0	0	0	%100
110	M106	Z	0	0	0	%100
111	M117	X	1.053	1.053	0	%100
112	M117	Z	1.824	1.824	0	%100
113	M118	X	1.053	1.053	0	%100
114	M118	Z	1.824	1.824	0	%100
115	M119	X	0	0	0	%100
116	M119	Z	0	0	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	M72A	X	0	0	0	%100
2	M72A	Z	0	0	0	%100
3	M73	X	0	0	0	%100
4	M73	Z	3.031	3.031	0	%100
5	M74	X	0	0	0	%100
6	M74	Z	3.031	3.031	0	%100
7	M75	X	0	0	0	%100
8	M75	Z	4.486	4.486	0	%100
9	M78	X	0	0	0	%100
10	M78	Z	.735	.735	0	%100
11	M79	X	0	0	0	%100
12	M79	Z	.735	.735	0	%100
13	M84	X	0	0	0	%100
14	M84	Z	0	0	0	%100
15	M85	X	0	0	0	%100
16	M85	Z	1.118	1.118	0	%100
17	M87A	X	0	0	0	%100
18	M87A	Z	1.151	1.151	0	%100
19	M89A	X	0	0	0	%100
20	M89A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
21	M90A	X	0	0	0	%100
22	M90A	Z	1.118	1.118	0	%100
23	M92	X	0	0	0	%100
24	M92	Z	1.151	1.151	0	%100
25	M117A	X	0	0	0	%100
26	M117A	Z	2.642	2.642	0	%100
27	M118A	X	0	0	0	%100
28	M118A	Z	.758	.758	0	%100
29	M119A	X	0	0	0	%100
30	M119A	Z	.758	.758	0	%100
31	M120A	X	0	0	0	%100
32	M120A	Z	1.121	1.121	0	%100
33	M123A	X	0	0	0	%100
34	M123A	Z	.921	.921	0	%100
35	M124A	X	0	0	0	%100
36	M124A	Z	3.301	3.301	0	%100
37	M129A	X	0	0	0	%100
38	M129A	Z	3.32	3.32	0	%100
39	M130A	X	0	0	0	%100
40	M130A	Z	4.471	4.471	0	%100
41	M132A	X	0	0	0	%100
42	M132A	Z	4.604	4.604	0	%100
43	M134A	X	0	0	0	%100
44	M134A	Z	3.32	3.32	0	%100
45	M135A	X	0	0	0	%100
46	M135A	Z	1.118	1.118	0	%100
47	M137A	X	0	0	0	%100
48	M137A	Z	1.151	1.151	0	%100
49	M139A	X	0	0	0	%100
50	M139A	Z	2.642	2.642	0	%100
51	M140A	X	0	0	0	%100
52	M140A	Z	.758	.758	0	%100
53	M141A	X	0	0	0	%100
54	M141A	Z	.758	.758	0	%100
55	M142A	X	0	0	0	%100
56	M142A	Z	1.121	1.121	0	%100
57	M145A	X	0	0	0	%100
58	M145A	Z	3.3	3.3	0	%100
59	M146A	X	0	0	0	%100
60	M146A	Z	.921	.921	0	%100
61	M151A	X	0	0	0	%100
62	M151A	Z	3.32	3.32	0	%100
63	M152A	X	0	0	0	%100
64	M152A	Z	1.118	1.118	0	%100
65	M154A	X	0	0	0	%100
66	M154A	Z	1.151	1.151	0	%100
67	M156A	X	0	0	0	%100
68	M156A	Z	3.32	3.32	0	%100
69	M157A	X	0	0	0	%100
70	M157A	Z	4.471	4.471	0	%100
71	M159A	X	0	0	0	%100
72	M159A	Z	4.604	4.604	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
73	M161A	X	0	0	0	%100
74	M161A	Z	3.492	3.492	0	%100
75	MP2A	X	0	0	0	%100
76	MP2A	Z	3.118	3.118	0	%100
77	MP3A	X	0	0	0	%100
78	MP3A	Z	2.819	2.819	0	%100
79	MP4A	X	0	0	0	%100
80	MP4A	Z	2.819	2.819	0	%100
81	MP1A	X	0	0	0	%100
82	MP1A	Z	2.819	2.819	0	%100
83	M76A	X	0	0	0	%100
84	M76A	Z	.873	.873	0	%100
85	MP2C	X	0	0	0	%100
86	MP2C	Z	3.118	3.118	0	%100
87	MP3C	X	0	0	0	%100
88	MP3C	Z	2.819	2.819	0	%100
89	MP4C	X	0	0	0	%100
90	MP4C	Z	2.819	2.819	0	%100
91	MP1C	X	0	0	0	%100
92	MP1C	Z	2.819	2.819	0	%100
93	M89	X	0	0	0	%100
94	M89	Z	.873	.873	0	%100
95	MP2B	X	0	0	0	%100
96	MP2B	Z	3.118	3.118	0	%100
97	MP3B	X	0	0	0	%100
98	MP3B	Z	2.819	2.819	0	%100
99	MP4B	X	0	0	0	%100
100	MP4B	Z	2.819	2.819	0	%100
101	MP1B	X	0	0	0	%100
102	MP1B	Z	2.819	2.819	0	%100
103	M95A	X	0	0	0	%100
104	M95A	Z	2.577	2.577	0	%100
105	M96A	X	0	0	0	%100
106	M96A	Z	.779	.779	0	%100
107	M101	X	0	0	0	%100
108	M101	Z	3.118	3.118	0	%100
109	M106	X	0	0	0	%100
110	M106	Z	.779	.779	0	%100
111	M117	X	0	0	0	%100
112	M117	Z	.702	.702	0	%100
113	M118	X	0	0	0	%100
114	M118	Z	2.808	2.808	0	%100
115	M119	X	0	0	0	%100
116	M119	Z	.702	.702	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	M72A	X	-.44	-.44	0	%100
2	M72A	Z	.763	.763	0	%100
3	M73	X	-1.136	-1.136	0	%100
4	M73	Z	1.968	1.968	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,%]
5	M74	X	-1.136	-1.136	0	%100
6	M74	Z	1.968	1.968	0	%100
7	M75	X	-1.682	-1.682	0	%100
8	M75	Z	2.913	2.913	0	%100
9	M78	X	-1.192	-1.192	0	%100
10	M78	Z	2.064	2.064	0	%100
11	M79	X	-.002	-.002	0	%100
12	M79	Z	.003	.003	0	%100
13	M84	X	-.553	-.553	0	%100
14	M84	Z	.958	.958	0	%100
15	M85	X	0	0	0	%100
16	M85	Z	0	0	0	%100
17	M87A	X	0	0	0	%100
18	M87A	Z	0	0	0	%100
19	M89A	X	-.553	-.553	0	%100
20	M89A	Z	.958	.958	0	%100
21	M90A	X	-1.677	-1.677	0	%100
22	M90A	Z	2.904	2.904	0	%100
23	M92	X	-1.727	-1.727	0	%100
24	M92	Z	2.991	2.991	0	%100
25	M117A	X	-.44	-.44	0	%100
26	M117A	Z	.763	.763	0	%100
27	M118A	X	-1.136	-1.136	0	%100
28	M118A	Z	1.968	1.968	0	%100
29	M119A	X	-1.136	-1.136	0	%100
30	M119A	Z	1.968	1.968	0	%100
31	M120A	X	-1.682	-1.682	0	%100
32	M120A	Z	2.913	2.913	0	%100
33	M123A	X	-.002	-.002	0	%100
34	M123A	Z	.003	.003	0	%100
35	M124A	X	-1.192	-1.192	0	%100
36	M124A	Z	2.064	2.064	0	%100
37	M129A	X	-.553	-.553	0	%100
38	M129A	Z	.958	.958	0	%100
39	M130A	X	-1.677	-1.677	0	%100
40	M130A	Z	2.904	2.904	0	%100
41	M132A	X	-1.727	-1.727	0	%100
42	M132A	Z	2.991	2.991	0	%100
43	M134A	X	-.553	-.553	0	%100
44	M134A	Z	.958	.958	0	%100
45	M135A	X	0	0	0	%100
46	M135A	Z	0	0	0	%100
47	M137A	X	0	0	0	%100
48	M137A	Z	0	0	0	%100
49	M139A	X	-1.761	-1.761	0	%100
50	M139A	Z	3.05	3.05	0	%100
51	M140A	X	0	0	0	%100
52	M140A	Z	0	0	0	%100
53	M141A	X	0	0	0	%100
54	M141A	Z	0	0	0	%100
55	M142A	X	0	0	0	%100
56	M142A	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,%]
57	M145A	X	-1.285	-1.285	0	%100
58	M145A	Z	2.225	2.225	0	%100
59	M146A	X	-1.285	-1.285	0	%100
60	M146A	Z	2.225	2.225	0	%100
61	M151A	X	-2.214	-2.214	0	%100
62	M151A	Z	3.834	3.834	0	%100
63	M152A	X	-1.677	-1.677	0	%100
64	M152A	Z	2.904	2.904	0	%100
65	M154A	X	-1.727	-1.727	0	%100
66	M154A	Z	2.991	2.991	0	%100
67	M156A	X	-2.214	-2.214	0	%100
68	M156A	Z	3.834	3.834	0	%100
69	M157A	X	-1.677	-1.677	0	%100
70	M157A	Z	2.904	2.904	0	%100
71	M159A	X	-1.727	-1.727	0	%100
72	M159A	Z	2.991	2.991	0	%100
73	M161A	X	-1.309	-1.309	0	%100
74	M161A	Z	2.268	2.268	0	%100
75	MP2A	X	-1.559	-1.559	0	%100
76	MP2A	Z	2.7	2.7	0	%100
77	MP3A	X	-1.409	-1.409	0	%100
78	MP3A	Z	2.441	2.441	0	%100
79	MP4A	X	-1.409	-1.409	0	%100
80	MP4A	Z	2.441	2.441	0	%100
81	MP1A	X	-1.409	-1.409	0	%100
82	MP1A	Z	2.441	2.441	0	%100
83	M76A	X	-1.309	-1.309	0	%100
84	M76A	Z	2.268	2.268	0	%100
85	MP2C	X	-1.559	-1.559	0	%100
86	MP2C	Z	2.7	2.7	0	%100
87	MP3C	X	-1.409	-1.409	0	%100
88	MP3C	Z	2.441	2.441	0	%100
89	MP4C	X	-1.409	-1.409	0	%100
90	MP4C	Z	2.441	2.441	0	%100
91	MP1C	X	-1.409	-1.409	0	%100
92	MP1C	Z	2.441	2.441	0	%100
93	M89	X	0	0	0	%100
94	M89	Z	0	0	0	%100
95	MP2B	X	-1.559	-1.559	0	%100
96	MP2B	Z	2.7	2.7	0	%100
97	MP3B	X	-1.409	-1.409	0	%100
98	MP3B	Z	2.441	2.441	0	%100
99	MP4B	X	-1.409	-1.409	0	%100
100	MP4B	Z	2.441	2.441	0	%100
101	MP1B	X	-1.409	-1.409	0	%100
102	MP1B	Z	2.441	2.441	0	%100
103	M95A	X	-1.289	-1.289	0	%100
104	M95A	Z	2.232	2.232	0	%100
105	M96A	X	0	0	0	%100
106	M96A	Z	0	0	0	%100
107	M101	X	-1.169	-1.169	0	%100
108	M101	Z	2.025	2.025	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,%]
109	M106	X	-1.169	-1.169	0	%100
110	M106	Z	2.025	2.025	0	%100
111	M117	X	0	0	0	%100
112	M117	Z	0	0	0	%100
113	M118	X	-1.053	-1.053	0	%100
114	M118	Z	1.824	1.824	0	%100
115	M119	X	-1.053	-1.053	0	%100
116	M119	Z	1.824	1.824	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	M72A	X	-2.288	-2.288	0	%100
2	M72A	Z	1.321	1.321	0	%100
3	M73	X	-.656	-.656	0	%100
4	M73	Z	.379	.379	0	%100
5	M74	X	-.656	-.656	0	%100
6	M74	Z	.379	.379	0	%100
7	M75	X	-.971	-.971	0	%100
8	M75	Z	.561	.561	0	%100
9	M78	X	-2.858	-2.858	0	%100
10	M78	Z	1.65	1.65	0	%100
11	M79	X	-.797	-.797	0	%100
12	M79	Z	.46	.46	0	%100
13	M84	X	-2.875	-2.875	0	%100
14	M84	Z	1.66	1.66	0	%100
15	M85	X	-.968	-.968	0	%100
16	M85	Z	.559	.559	0	%100
17	M87A	X	-.997	-.997	0	%100
18	M87A	Z	.576	.576	0	%100
19	M89A	X	-2.875	-2.875	0	%100
20	M89A	Z	1.66	1.66	0	%100
21	M90A	X	-3.872	-3.872	0	%100
22	M90A	Z	2.236	2.236	0	%100
23	M92	X	-3.987	-3.987	0	%100
24	M92	Z	2.302	2.302	0	%100
25	M117A	X	0	0	0	%100
26	M117A	Z	0	0	0	%100
27	M118A	X	-2.625	-2.625	0	%100
28	M118A	Z	1.515	1.515	0	%100
29	M119A	X	-2.625	-2.625	0	%100
30	M119A	Z	1.515	1.515	0	%100
31	M120A	X	-3.885	-3.885	0	%100
32	M120A	Z	2.243	2.243	0	%100
33	M123A	X	-.636	-.636	0	%100
34	M123A	Z	.367	.367	0	%100
35	M124A	X	-.636	-.636	0	%100
36	M124A	Z	.367	.367	0	%100
37	M129A	X	0	0	0	%100
38	M129A	Z	0	0	0	%100
39	M130A	X	-.968	-.968	0	%100
40	M130A	Z	.559	.559	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,%]
41	M132A	X	-.997	-.997	0	%100
42	M132A	Z	.576	.576	0	%100
43	M134A	X	0	0	0	%100
44	M134A	Z	0	0	0	%100
45	M135A	X	-.968	-.968	0	%100
46	M135A	Z	.559	.559	0	%100
47	M137A	X	-.997	-.997	0	%100
48	M137A	Z	.576	.576	0	%100
49	M139A	X	-2.288	-2.288	0	%100
50	M139A	Z	1.321	1.321	0	%100
51	M140A	X	-.656	-.656	0	%100
52	M140A	Z	.379	.379	0	%100
53	M141A	X	-.656	-.656	0	%100
54	M141A	Z	.379	.379	0	%100
55	M142A	X	-.971	-.971	0	%100
56	M142A	Z	.561	.561	0	%100
57	M145A	X	-.797	-.797	0	%100
58	M145A	Z	.46	.46	0	%100
59	M146A	X	-2.858	-2.858	0	%100
60	M146A	Z	1.65	1.65	0	%100
61	M151A	X	-2.875	-2.875	0	%100
62	M151A	Z	1.66	1.66	0	%100
63	M152A	X	-3.872	-3.872	0	%100
64	M152A	Z	2.236	2.236	0	%100
65	M154A	X	-3.987	-3.987	0	%100
66	M154A	Z	2.302	2.302	0	%100
67	M156A	X	-2.875	-2.875	0	%100
68	M156A	Z	1.66	1.66	0	%100
69	M157A	X	-.968	-.968	0	%100
70	M157A	Z	.559	.559	0	%100
71	M159A	X	-.997	-.997	0	%100
72	M159A	Z	.576	.576	0	%100
73	M161A	X	-.756	-.756	0	%100
74	M161A	Z	.436	.436	0	%100
75	MP2A	X	-2.7	-2.7	0	%100
76	MP2A	Z	1.559	1.559	0	%100
77	MP3A	X	-2.441	-2.441	0	%100
78	MP3A	Z	1.409	1.409	0	%100
79	MP4A	X	-2.441	-2.441	0	%100
80	MP4A	Z	1.409	1.409	0	%100
81	MP1A	X	-2.441	-2.441	0	%100
82	MP1A	Z	1.409	1.409	0	%100
83	M76A	X	-3.024	-3.024	0	%100
84	M76A	Z	1.746	1.746	0	%100
85	MP2C	X	-2.7	-2.7	0	%100
86	MP2C	Z	1.559	1.559	0	%100
87	MP3C	X	-2.441	-2.441	0	%100
88	MP3C	Z	1.409	1.409	0	%100
89	MP4C	X	-2.441	-2.441	0	%100
90	MP4C	Z	1.409	1.409	0	%100
91	MP1C	X	-2.441	-2.441	0	%100
92	MP1C	Z	1.409	1.409	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,%]
93	M89	X	-.756	-.756	0	%100
94	M89	Z	.436	.436	0	%100
95	MP2B	X	-2.7	-2.7	0	%100
96	MP2B	Z	1.559	1.559	0	%100
97	MP3B	X	-2.441	-2.441	0	%100
98	MP3B	Z	1.409	1.409	0	%100
99	MP4B	X	-2.441	-2.441	0	%100
100	MP4B	Z	1.409	1.409	0	%100
101	MP1B	X	-2.441	-2.441	0	%100
102	MP1B	Z	1.409	1.409	0	%100
103	M95A	X	-2.232	-2.232	0	%100
104	M95A	Z	1.289	1.289	0	%100
105	M96A	X	-.675	-.675	0	%100
106	M96A	Z	.39	.39	0	%100
107	M101	X	-.675	-.675	0	%100
108	M101	Z	.39	.39	0	%100
109	M106	X	-2.7	-2.7	0	%100
110	M106	Z	1.559	1.559	0	%100
111	M117	X	-.608	-.608	0	%100
112	M117	Z	.351	.351	0	%100
113	M118	X	-.608	-.608	0	%100
114	M118	Z	.351	.351	0	%100
115	M119	X	-2.432	-2.432	0	%100
116	M119	Z	1.404	1.404	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	M72A	X	-3.522	-3.522	0	%100
2	M72A	Z	0	0	0	%100
3	M73	X	0	0	0	%100
4	M73	Z	0	0	0	%100
5	M74	X	0	0	0	%100
6	M74	Z	0	0	0	%100
7	M75	X	0	0	0	%100
8	M75	Z	0	0	0	%100
9	M78	X	-2.569	-2.569	0	%100
10	M78	Z	0	0	0	%100
11	M79	X	-2.569	-2.569	0	%100
12	M79	Z	0	0	0	%100
13	M84	X	-4.427	-4.427	0	%100
14	M84	Z	0	0	0	%100
15	M85	X	-3.354	-3.354	0	%100
16	M85	Z	0	0	0	%100
17	M87A	X	-3.453	-3.453	0	%100
18	M87A	Z	0	0	0	%100
19	M89A	X	-4.427	-4.427	0	%100
20	M89A	Z	0	0	0	%100
21	M90A	X	-3.354	-3.354	0	%100
22	M90A	Z	0	0	0	%100
23	M92	X	-3.453	-3.453	0	%100
24	M92	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,%]
25	M117A	X	-.881	-.881	0	%100
26	M117A	Z	0	0	0	%100
27	M118A	X	-2.273	-2.273	0	%100
28	M118A	Z	0	0	0	%100
29	M119A	X	-2.273	-2.273	0	%100
30	M119A	Z	0	0	0	%100
31	M120A	X	-3.364	-3.364	0	%100
32	M120A	Z	0	0	0	%100
33	M123A	X	-2.383	-2.383	0	%100
34	M123A	Z	0	0	0	%100
35	M124A	X	-.003	-.003	0	%100
36	M124A	Z	0	0	0	%100
37	M129A	X	-1.107	-1.107	0	%100
38	M129A	Z	0	0	0	%100
39	M130A	X	0	0	0	%100
40	M130A	Z	0	0	0	%100
41	M132A	X	0	0	0	%100
42	M132A	Z	0	0	0	%100
43	M134A	X	-1.107	-1.107	0	%100
44	M134A	Z	0	0	0	%100
45	M135A	X	-3.354	-3.354	0	%100
46	M135A	Z	0	0	0	%100
47	M137A	X	-3.453	-3.453	0	%100
48	M137A	Z	0	0	0	%100
49	M139A	X	-.881	-.881	0	%100
50	M139A	Z	0	0	0	%100
51	M140A	X	-2.273	-2.273	0	%100
52	M140A	Z	0	0	0	%100
53	M141A	X	-2.273	-2.273	0	%100
54	M141A	Z	0	0	0	%100
55	M142A	X	-3.364	-3.364	0	%100
56	M142A	Z	0	0	0	%100
57	M145A	X	-.003	-.003	0	%100
58	M145A	Z	0	0	0	%100
59	M146A	X	-2.383	-2.383	0	%100
60	M146A	Z	0	0	0	%100
61	M151A	X	-1.107	-1.107	0	%100
62	M151A	Z	0	0	0	%100
63	M152A	X	-3.354	-3.354	0	%100
64	M152A	Z	0	0	0	%100
65	M154A	X	-3.453	-3.453	0	%100
66	M154A	Z	0	0	0	%100
67	M156A	X	-1.107	-1.107	0	%100
68	M156A	Z	0	0	0	%100
69	M157A	X	0	0	0	%100
70	M157A	Z	0	0	0	%100
71	M159A	X	0	0	0	%100
72	M159A	Z	0	0	0	%100
73	M161A	X	0	0	0	%100
74	M161A	Z	0	0	0	%100
75	MP2A	X	-3.118	-3.118	0	%100
76	MP2A	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,%]
77	MP3A	X	-2.819	-2.819	0	%100
78	MP3A	Z	0	0	0	%100
79	MP4A	X	-2.819	-2.819	0	%100
80	MP4A	Z	0	0	0	%100
81	MP1A	X	-2.819	-2.819	0	%100
82	MP1A	Z	0	0	0	%100
83	M76A	X	-2.619	-2.619	0	%100
84	M76A	Z	0	0	0	%100
85	MP2C	X	-3.118	-3.118	0	%100
86	MP2C	Z	0	0	0	%100
87	MP3C	X	-2.819	-2.819	0	%100
88	MP3C	Z	0	0	0	%100
89	MP4C	X	-2.819	-2.819	0	%100
90	MP4C	Z	0	0	0	%100
91	MP1C	X	-2.819	-2.819	0	%100
92	MP1C	Z	0	0	0	%100
93	M89	X	-2.619	-2.619	0	%100
94	M89	Z	0	0	0	%100
95	MP2B	X	-3.118	-3.118	0	%100
96	MP2B	Z	0	0	0	%100
97	MP3B	X	-2.819	-2.819	0	%100
98	MP3B	Z	0	0	0	%100
99	MP4B	X	-2.819	-2.819	0	%100
100	MP4B	Z	0	0	0	%100
101	MP1B	X	-2.819	-2.819	0	%100
102	MP1B	Z	0	0	0	%100
103	M95A	X	-2.577	-2.577	0	%100
104	M95A	Z	0	0	0	%100
105	M96A	X	-2.338	-2.338	0	%100
106	M96A	Z	0	0	0	%100
107	M101	X	0	0	0	%100
108	M101	Z	0	0	0	%100
109	M106	X	-2.338	-2.338	0	%100
110	M106	Z	0	0	0	%100
111	M117	X	-2.106	-2.106	0	%100
112	M117	Z	0	0	0	%100
113	M118	X	0	0	0	%100
114	M118	Z	0	0	0	%100
115	M119	X	-2.106	-2.106	0	%100
116	M119	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	M72A	X	-2.288	-2.288	0	%100
2	M72A	Z	-1.321	-1.321	0	%100
3	M73	X	-.656	-.656	0	%100
4	M73	Z	-.379	-.379	0	%100
5	M74	X	-.656	-.656	0	%100
6	M74	Z	-.379	-.379	0	%100
7	M75	X	-.971	-.971	0	%100
8	M75	Z	-.561	-.561	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,%]
9	M78	X	-.797	-.797	0	%100
10	M78	Z	-.46	-.46	0	%100
11	M79	X	-2.858	-2.858	0	%100
12	M79	Z	-1.65	-1.65	0	%100
13	M84	X	-2.875	-2.875	0	%100
14	M84	Z	-1.66	-1.66	0	%100
15	M85	X	-3.872	-3.872	0	%100
16	M85	Z	-2.236	-2.236	0	%100
17	M87A	X	-3.987	-3.987	0	%100
18	M87A	Z	-2.302	-2.302	0	%100
19	M89A	X	-2.875	-2.875	0	%100
20	M89A	Z	-1.66	-1.66	0	%100
21	M90A	X	-.968	-.968	0	%100
22	M90A	Z	-.559	-.559	0	%100
23	M92	X	-.997	-.997	0	%100
24	M92	Z	-.576	-.576	0	%100
25	M117A	X	-2.288	-2.288	0	%100
26	M117A	Z	-1.321	-1.321	0	%100
27	M118A	X	-.656	-.656	0	%100
28	M118A	Z	-.379	-.379	0	%100
29	M119A	X	-.656	-.656	0	%100
30	M119A	Z	-.379	-.379	0	%100
31	M120A	X	-.971	-.971	0	%100
32	M120A	Z	-.561	-.561	0	%100
33	M123A	X	-2.858	-2.858	0	%100
34	M123A	Z	-1.65	-1.65	0	%100
35	M124A	X	-.797	-.797	0	%100
36	M124A	Z	-.46	-.46	0	%100
37	M129A	X	-2.875	-2.875	0	%100
38	M129A	Z	-1.66	-1.66	0	%100
39	M130A	X	-.968	-.968	0	%100
40	M130A	Z	-.559	-.559	0	%100
41	M132A	X	-.997	-.997	0	%100
42	M132A	Z	-.576	-.576	0	%100
43	M134A	X	-2.875	-2.875	0	%100
44	M134A	Z	-1.66	-1.66	0	%100
45	M135A	X	-3.872	-3.872	0	%100
46	M135A	Z	-2.236	-2.236	0	%100
47	M137A	X	-3.987	-3.987	0	%100
48	M137A	Z	-2.302	-2.302	0	%100
49	M139A	X	0	0	0	%100
50	M139A	Z	0	0	0	%100
51	M140A	X	-2.625	-2.625	0	%100
52	M140A	Z	-1.515	-1.515	0	%100
53	M141A	X	-2.625	-2.625	0	%100
54	M141A	Z	-1.515	-1.515	0	%100
55	M142A	X	-3.885	-3.885	0	%100
56	M142A	Z	-2.243	-2.243	0	%100
57	M145A	X	-.636	-.636	0	%100
58	M145A	Z	-.367	-.367	0	%100
59	M146A	X	-.636	-.636	0	%100
60	M146A	Z	-.367	-.367	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,%]
61	M151A	X	0	0	0	%100
62	M151A	Z	0	0	0	%100
63	M152A	X	-.968	-.968	0	%100
64	M152A	Z	-.559	-.559	0	%100
65	M154A	X	-.997	-.997	0	%100
66	M154A	Z	-.576	-.576	0	%100
67	M156A	X	0	0	0	%100
68	M156A	Z	0	0	0	%100
69	M157A	X	-.968	-.968	0	%100
70	M157A	Z	-.559	-.559	0	%100
71	M159A	X	-.997	-.997	0	%100
72	M159A	Z	-.576	-.576	0	%100
73	M161A	X	-.756	-.756	0	%100
74	M161A	Z	-.436	-.436	0	%100
75	MP2A	X	-2.7	-2.7	0	%100
76	MP2A	Z	-1.559	-1.559	0	%100
77	MP3A	X	-2.441	-2.441	0	%100
78	MP3A	Z	-1.409	-1.409	0	%100
79	MP4A	X	-2.441	-2.441	0	%100
80	MP4A	Z	-1.409	-1.409	0	%100
81	MP1A	X	-2.441	-2.441	0	%100
82	MP1A	Z	-1.409	-1.409	0	%100
83	M76A	X	-.756	-.756	0	%100
84	M76A	Z	-.436	-.436	0	%100
85	MP2C	X	-2.7	-2.7	0	%100
86	MP2C	Z	-1.559	-1.559	0	%100
87	MP3C	X	-2.441	-2.441	0	%100
88	MP3C	Z	-1.409	-1.409	0	%100
89	MP4C	X	-2.441	-2.441	0	%100
90	MP4C	Z	-1.409	-1.409	0	%100
91	MP1C	X	-2.441	-2.441	0	%100
92	MP1C	Z	-1.409	-1.409	0	%100
93	M89	X	-3.024	-3.024	0	%100
94	M89	Z	-1.746	-1.746	0	%100
95	MP2B	X	-2.7	-2.7	0	%100
96	MP2B	Z	-1.559	-1.559	0	%100
97	MP3B	X	-2.441	-2.441	0	%100
98	MP3B	Z	-1.409	-1.409	0	%100
99	MP4B	X	-2.441	-2.441	0	%100
100	MP4B	Z	-1.409	-1.409	0	%100
101	MP1B	X	-2.441	-2.441	0	%100
102	MP1B	Z	-1.409	-1.409	0	%100
103	M95A	X	-2.232	-2.232	0	%100
104	M95A	Z	-1.289	-1.289	0	%100
105	M96A	X	-2.7	-2.7	0	%100
106	M96A	Z	-1.559	-1.559	0	%100
107	M101	X	-.675	-.675	0	%100
108	M101	Z	-.39	-.39	0	%100
109	M106	X	-.675	-.675	0	%100
110	M106	Z	-.39	-.39	0	%100
111	M117	X	-2.432	-2.432	0	%100
112	M117	Z	-1.404	-1.404	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,%]
113	M118	X	-.608	-.608	0	%100
114	M118	Z	-.351	-.351	0	%100
115	M119	X	-.608	-.608	0	%100
116	M119	Z	-.351	-.351	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	M72A	X	-.44	-.44	0	%100
2	M72A	Z	-.763	-.763	0	%100
3	M73	X	-1.136	-1.136	0	%100
4	M73	Z	-1.968	-1.968	0	%100
5	M74	X	-1.136	-1.136	0	%100
6	M74	Z	-1.968	-1.968	0	%100
7	M75	X	-1.682	-1.682	0	%100
8	M75	Z	-2.913	-2.913	0	%100
9	M78	X	-.002	-.002	0	%100
10	M78	Z	-.003	-.003	0	%100
11	M79	X	-1.192	-1.192	0	%100
12	M79	Z	-2.064	-2.064	0	%100
13	M84	X	-.553	-.553	0	%100
14	M84	Z	-.958	-.958	0	%100
15	M85	X	-1.677	-1.677	0	%100
16	M85	Z	-2.904	-2.904	0	%100
17	M87A	X	-1.727	-1.727	0	%100
18	M87A	Z	-2.991	-2.991	0	%100
19	M89A	X	-.553	-.553	0	%100
20	M89A	Z	-.958	-.958	0	%100
21	M90A	X	0	0	0	%100
22	M90A	Z	0	0	0	%100
23	M92	X	0	0	0	%100
24	M92	Z	0	0	0	%100
25	M117A	X	-1.761	-1.761	0	%100
26	M117A	Z	-3.05	-3.05	0	%100
27	M118A	X	0	0	0	%100
28	M118A	Z	0	0	0	%100
29	M119A	X	0	0	0	%100
30	M119A	Z	0	0	0	%100
31	M120A	X	0	0	0	%100
32	M120A	Z	0	0	0	%100
33	M123A	X	-1.285	-1.285	0	%100
34	M123A	Z	-2.225	-2.225	0	%100
35	M124A	X	-1.285	-1.285	0	%100
36	M124A	Z	-2.225	-2.225	0	%100
37	M129A	X	-2.214	-2.214	0	%100
38	M129A	Z	-3.834	-3.834	0	%100
39	M130A	X	-1.677	-1.677	0	%100
40	M130A	Z	-2.904	-2.904	0	%100
41	M132A	X	-1.727	-1.727	0	%100
42	M132A	Z	-2.991	-2.991	0	%100
43	M134A	X	-2.214	-2.214	0	%100
44	M134A	Z	-3.834	-3.834	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,%]
45	M135A	X	-1.677	-1.677	0	%100
46	M135A	Z	-2.904	-2.904	0	%100
47	M137A	X	-1.727	-1.727	0	%100
48	M137A	Z	-2.991	-2.991	0	%100
49	M139A	X	-.44	-.44	0	%100
50	M139A	Z	-.763	-.763	0	%100
51	M140A	X	-1.136	-1.136	0	%100
52	M140A	Z	-1.968	-1.968	0	%100
53	M141A	X	-1.136	-1.136	0	%100
54	M141A	Z	-1.968	-1.968	0	%100
55	M142A	X	-1.682	-1.682	0	%100
56	M142A	Z	-2.913	-2.913	0	%100
57	M145A	X	-1.192	-1.192	0	%100
58	M145A	Z	-2.064	-2.064	0	%100
59	M146A	X	-.002	-.002	0	%100
60	M146A	Z	-.003	-.003	0	%100
61	M151A	X	-.553	-.553	0	%100
62	M151A	Z	-.958	-.958	0	%100
63	M152A	X	0	0	0	%100
64	M152A	Z	0	0	0	%100
65	M154A	X	0	0	0	%100
66	M154A	Z	0	0	0	%100
67	M156A	X	-.553	-.553	0	%100
68	M156A	Z	-.958	-.958	0	%100
69	M157A	X	-1.677	-1.677	0	%100
70	M157A	Z	-2.904	-2.904	0	%100
71	M159A	X	-1.727	-1.727	0	%100
72	M159A	Z	-2.991	-2.991	0	%100
73	M161A	X	-1.309	-1.309	0	%100
74	M161A	Z	-2.268	-2.268	0	%100
75	MP2A	X	-1.559	-1.559	0	%100
76	MP2A	Z	-2.7	-2.7	0	%100
77	MP3A	X	-1.409	-1.409	0	%100
78	MP3A	Z	-2.441	-2.441	0	%100
79	MP4A	X	-1.409	-1.409	0	%100
80	MP4A	Z	-2.441	-2.441	0	%100
81	MP1A	X	-1.409	-1.409	0	%100
82	MP1A	Z	-2.441	-2.441	0	%100
83	M76A	X	0	0	0	%100
84	M76A	Z	0	0	0	%100
85	MP2C	X	-1.559	-1.559	0	%100
86	MP2C	Z	-2.7	-2.7	0	%100
87	MP3C	X	-1.409	-1.409	0	%100
88	MP3C	Z	-2.441	-2.441	0	%100
89	MP4C	X	-1.409	-1.409	0	%100
90	MP4C	Z	-2.441	-2.441	0	%100
91	MP1C	X	-1.409	-1.409	0	%100
92	MP1C	Z	-2.441	-2.441	0	%100
93	M89	X	-1.309	-1.309	0	%100
94	M89	Z	-2.268	-2.268	0	%100
95	MP2B	X	-1.559	-1.559	0	%100
96	MP2B	Z	-2.7	-2.7	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,%]
97	MP3B	X	-1.409	-1.409	0	%100
98	MP3B	Z	-2.441	-2.441	0	%100
99	MP4B	X	-1.409	-1.409	0	%100
100	MP4B	Z	-2.441	-2.441	0	%100
101	MP1B	X	-1.409	-1.409	0	%100
102	MP1B	Z	-2.441	-2.441	0	%100
103	M95A	X	-1.289	-1.289	0	%100
104	M95A	Z	-2.232	-2.232	0	%100
105	M96A	X	-1.169	-1.169	0	%100
106	M96A	Z	-2.025	-2.025	0	%100
107	M101	X	-1.169	-1.169	0	%100
108	M101	Z	-2.025	-2.025	0	%100
109	M106	X	0	0	0	%100
110	M106	Z	0	0	0	%100
111	M117	X	-1.053	-1.053	0	%100
112	M117	Z	-1.824	-1.824	0	%100
113	M118	X	-1.053	-1.053	0	%100
114	M118	Z	-1.824	-1.824	0	%100
115	M119	X	0	0	0	%100
116	M119	Z	0	0	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	M72A	X	0	0	0	%100
2	M72A	Z	0	0	0	%100
3	M73	X	0	0	0	%100
4	M73	Z	-.706	-.706	0	%100
5	M74	X	0	0	0	%100
6	M74	Z	-.706	-.706	0	%100
7	M75	X	0	0	0	%100
8	M75	Z	-1.292	-1.292	0	%100
9	M78	X	0	0	0	%100
10	M78	Z	-.16	-.16	0	%100
11	M79	X	0	0	0	%100
12	M79	Z	-.16	-.16	0	%100
13	M84	X	0	0	0	%100
14	M84	Z	0	0	0	%100
15	M85	X	0	0	0	%100
16	M85	Z	-.329	-.329	0	%100
17	M87A	X	0	0	0	%100
18	M87A	Z	-.341	-.341	0	%100
19	M89A	X	0	0	0	%100
20	M89A	Z	0	0	0	%100
21	M90A	X	0	0	0	%100
22	M90A	Z	-.329	-.329	0	%100
23	M92	X	0	0	0	%100
24	M92	Z	-.341	-.341	0	%100
25	M117A	X	0	0	0	%100
26	M117A	Z	-.574	-.574	0	%100
27	M118A	X	0	0	0	%100
28	M118A	Z	-.176	-.176	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,%]
29	M119A	X	0	0	0	%100
30	M119A	Z	-.176	-.176	0	%100
31	M120A	X	0	0	0	%100
32	M120A	Z	-.323	-.323	0	%100
33	M123A	X	0	0	0	%100
34	M123A	Z	-.2	-.2	0	%100
35	M124A	X	0	0	0	%100
36	M124A	Z	-.717	-.717	0	%100
37	M129A	X	0	0	0	%100
38	M129A	Z	-.975	-.975	0	%100
39	M130A	X	0	0	0	%100
40	M130A	Z	-1.316	-1.316	0	%100
41	M132A	X	0	0	0	%100
42	M132A	Z	-1.364	-1.364	0	%100
43	M134A	X	0	0	0	%100
44	M134A	Z	-.975	-.975	0	%100
45	M135A	X	0	0	0	%100
46	M135A	Z	-.329	-.329	0	%100
47	M137A	X	0	0	0	%100
48	M137A	Z	-.341	-.341	0	%100
49	M139A	X	0	0	0	%100
50	M139A	Z	-.574	-.574	0	%100
51	M140A	X	0	0	0	%100
52	M140A	Z	-.176	-.176	0	%100
53	M141A	X	0	0	0	%100
54	M141A	Z	-.176	-.176	0	%100
55	M142A	X	0	0	0	%100
56	M142A	Z	-.323	-.323	0	%100
57	M145A	X	0	0	0	%100
58	M145A	Z	-.717	-.717	0	%100
59	M146A	X	0	0	0	%100
60	M146A	Z	-.2	-.2	0	%100
61	M151A	X	0	0	0	%100
62	M151A	Z	-.975	-.975	0	%100
63	M152A	X	0	0	0	%100
64	M152A	Z	-.329	-.329	0	%100
65	M154A	X	0	0	0	%100
66	M154A	Z	-.341	-.341	0	%100
67	M156A	X	0	0	0	%100
68	M156A	Z	-.975	-.975	0	%100
69	M157A	X	0	0	0	%100
70	M157A	Z	-1.316	-1.316	0	%100
71	M159A	X	0	0	0	%100
72	M159A	Z	-1.364	-1.364	0	%100
73	M161A	X	0	0	0	%100
74	M161A	Z	-.754	-.754	0	%100
75	MP2A	X	0	0	0	%100
76	MP2A	Z	-.619	-.619	0	%100
77	MP3A	X	0	0	0	%100
78	MP3A	Z	-.512	-.512	0	%100
79	MP4A	X	0	0	0	%100
80	MP4A	Z	-.512	-.512	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,%]
81	MP1A	X	0	0	0	%100
82	MP1A	Z	-.512	-.512	0	%100
83	M76A	X	0	0	0	%100
84	M76A	Z	-.188	-.188	0	%100
85	MP2C	X	0	0	0	%100
86	MP2C	Z	-.619	-.619	0	%100
87	MP3C	X	0	0	0	%100
88	MP3C	Z	-.512	-.512	0	%100
89	MP4C	X	0	0	0	%100
90	MP4C	Z	-.512	-.512	0	%100
91	MP1C	X	0	0	0	%100
92	MP1C	Z	-.512	-.512	0	%100
93	M89	X	0	0	0	%100
94	M89	Z	-.188	-.188	0	%100
95	MP2B	X	0	0	0	%100
96	MP2B	Z	-.619	-.619	0	%100
97	MP3B	X	0	0	0	%100
98	MP3B	Z	-.512	-.512	0	%100
99	MP4B	X	0	0	0	%100
100	MP4B	Z	-.512	-.512	0	%100
101	MP1B	X	0	0	0	%100
102	MP1B	Z	-.512	-.512	0	%100
103	M95A	X	0	0	0	%100
104	M95A	Z	-.466	-.466	0	%100
105	M96A	X	0	0	0	%100
106	M96A	Z	-.155	-.155	0	%100
107	M101	X	0	0	0	%100
108	M101	Z	-.619	-.619	0	%100
109	M106	X	0	0	0	%100
110	M106	Z	-.155	-.155	0	%100
111	M117	X	0	0	0	%100
112	M117	Z	-.172	-.172	0	%100
113	M118	X	0	0	0	%100
114	M118	Z	-.689	-.689	0	%100
115	M119	X	0	0	0	%100
116	M119	Z	-.172	-.172	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	M72A	X	.096	.096	0	%100
2	M72A	Z	-.166	-.166	0	%100
3	M73	X	.265	.265	0	%100
4	M73	Z	-.458	-.458	0	%100
5	M74	X	.265	.265	0	%100
6	M74	Z	-.458	-.458	0	%100
7	M75	X	.485	.485	0	%100
8	M75	Z	-.839	-.839	0	%100
9	M78	X	.259	.259	0	%100
10	M78	Z	-.448	-.448	0	%100
11	M79	X	.00038	.00038	0	%100
12	M79	Z	-.000658	-.000658	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,%]
13	M84	X	.163	.163	0	%100
14	M84	Z	-.282	-.282	0	%100
15	M85	X	0	0	0	%100
16	M85	Z	0	0	0	%100
17	M87A	X	0	0	0	%100
18	M87A	Z	0	0	0	%100
19	M89A	X	.163	.163	0	%100
20	M89A	Z	-.282	-.282	0	%100
21	M90A	X	.494	.494	0	%100
22	M90A	Z	-.855	-.855	0	%100
23	M92	X	.512	.512	0	%100
24	M92	Z	-.886	-.886	0	%100
25	M117A	X	.096	.096	0	%100
26	M117A	Z	-.166	-.166	0	%100
27	M118A	X	.265	.265	0	%100
28	M118A	Z	-.458	-.458	0	%100
29	M119A	X	.265	.265	0	%100
30	M119A	Z	-.458	-.458	0	%100
31	M120A	X	.485	.485	0	%100
32	M120A	Z	-.839	-.839	0	%100
33	M123A	X	.00038	.00038	0	%100
34	M123A	Z	-.000658	-.000658	0	%100
35	M124A	X	.259	.259	0	%100
36	M124A	Z	-.448	-.448	0	%100
37	M129A	X	.163	.163	0	%100
38	M129A	Z	-.282	-.282	0	%100
39	M130A	X	.494	.494	0	%100
40	M130A	Z	-.855	-.855	0	%100
41	M132A	X	.512	.512	0	%100
42	M132A	Z	-.886	-.886	0	%100
43	M134A	X	.163	.163	0	%100
44	M134A	Z	-.282	-.282	0	%100
45	M135A	X	0	0	0	%100
46	M135A	Z	0	0	0	%100
47	M137A	X	0	0	0	%100
48	M137A	Z	0	0	0	%100
49	M139A	X	.382	.382	0	%100
50	M139A	Z	-.662	-.662	0	%100
51	M140A	X	0	0	0	%100
52	M140A	Z	0	0	0	%100
53	M141A	X	0	0	0	%100
54	M141A	Z	0	0	0	%100
55	M142A	X	0	0	0	%100
56	M142A	Z	0	0	0	%100
57	M145A	X	.279	.279	0	%100
58	M145A	Z	-.483	-.483	0	%100
59	M146A	X	.279	.279	0	%100
60	M146A	Z	-.483	-.483	0	%100
61	M151A	X	.65	.65	0	%100
62	M151A	Z	-1.126	-1.126	0	%100
63	M152A	X	.494	.494	0	%100
64	M152A	Z	-.855	-.855	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,%]
65	M154A	X	.512	.512	0	%100
66	M154A	Z	-.886	-.886	0	%100
67	M156A	X	.65	.65	0	%100
68	M156A	Z	-1.126	-1.126	0	%100
69	M157A	X	.494	.494	0	%100
70	M157A	Z	-.855	-.855	0	%100
71	M159A	X	.512	.512	0	%100
72	M159A	Z	-.886	-.886	0	%100
73	M161A	X	.283	.283	0	%100
74	M161A	Z	-.49	-.49	0	%100
75	MP2A	X	.31	.31	0	%100
76	MP2A	Z	-.536	-.536	0	%100
77	MP3A	X	.256	.256	0	%100
78	MP3A	Z	-.443	-.443	0	%100
79	MP4A	X	.256	.256	0	%100
80	MP4A	Z	-.443	-.443	0	%100
81	MP1A	X	.256	.256	0	%100
82	MP1A	Z	-.443	-.443	0	%100
83	M76A	X	.283	.283	0	%100
84	M76A	Z	-.49	-.49	0	%100
85	MP2C	X	.31	.31	0	%100
86	MP2C	Z	-.536	-.536	0	%100
87	MP3C	X	.256	.256	0	%100
88	MP3C	Z	-.443	-.443	0	%100
89	MP4C	X	.256	.256	0	%100
90	MP4C	Z	-.443	-.443	0	%100
91	MP1C	X	.256	.256	0	%100
92	MP1C	Z	-.443	-.443	0	%100
93	M89	X	0	0	0	%100
94	M89	Z	0	0	0	%100
95	MP2B	X	.31	.31	0	%100
96	MP2B	Z	-.536	-.536	0	%100
97	MP3B	X	.256	.256	0	%100
98	MP3B	Z	-.443	-.443	0	%100
99	MP4B	X	.256	.256	0	%100
100	MP4B	Z	-.443	-.443	0	%100
101	MP1B	X	.256	.256	0	%100
102	MP1B	Z	-.443	-.443	0	%100
103	M95A	X	.233	.233	0	%100
104	M95A	Z	-.404	-.404	0	%100
105	M96A	X	0	0	0	%100
106	M96A	Z	0	0	0	%100
107	M101	X	.232	.232	0	%100
108	M101	Z	-.402	-.402	0	%100
109	M106	X	.232	.232	0	%100
110	M106	Z	-.402	-.402	0	%100
111	M117	X	0	0	0	%100
112	M117	Z	0	0	0	%100
113	M118	X	.258	.258	0	%100
114	M118	Z	-.448	-.448	0	%100
115	M119	X	.258	.258	0	%100
116	M119	Z	-.448	-.448	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M72A	X	.497	.497	0	%100
2	M72A	Z	-.287	-.287	0	%100
3	M73	X	.153	.153	0	%100
4	M73	Z	-.088	-.088	0	%100
5	M74	X	.153	.153	0	%100
6	M74	Z	-.088	-.088	0	%100
7	M75	X	.28	.28	0	%100
8	M75	Z	-.162	-.162	0	%100
9	M78	X	.621	.621	0	%100
10	M78	Z	-.359	-.359	0	%100
11	M79	X	.173	.173	0	%100
12	M79	Z	-.1	-.1	0	%100
13	M84	X	.845	.845	0	%100
14	M84	Z	-.488	-.488	0	%100
15	M85	X	.285	.285	0	%100
16	M85	Z	-.165	-.165	0	%100
17	M87A	X	.295	.295	0	%100
18	M87A	Z	-.171	-.171	0	%100
19	M89A	X	.845	.845	0	%100
20	M89A	Z	-.488	-.488	0	%100
21	M90A	X	1.14	1.14	0	%100
22	M90A	Z	-.658	-.658	0	%100
23	M92	X	1.181	1.181	0	%100
24	M92	Z	-.682	-.682	0	%100
25	M117A	X	0	0	0	%100
26	M117A	Z	0	0	0	%100
27	M118A	X	.611	.611	0	%100
28	M118A	Z	-.353	-.353	0	%100
29	M119A	X	.611	.611	0	%100
30	M119A	Z	-.353	-.353	0	%100
31	M120A	X	1.119	1.119	0	%100
32	M120A	Z	-.646	-.646	0	%100
33	M123A	X	.138	.138	0	%100
34	M123A	Z	-.08	-.08	0	%100
35	M124A	X	.138	.138	0	%100
36	M124A	Z	-.08	-.08	0	%100
37	M129A	X	0	0	0	%100
38	M129A	Z	0	0	0	%100
39	M130A	X	.285	.285	0	%100
40	M130A	Z	-.165	-.165	0	%100
41	M132A	X	.295	.295	0	%100
42	M132A	Z	-.171	-.171	0	%100
43	M134A	X	0	0	0	%100
44	M134A	Z	0	0	0	%100
45	M135A	X	.285	.285	0	%100
46	M135A	Z	-.165	-.165	0	%100
47	M137A	X	.295	.295	0	%100
48	M137A	Z	-.171	-.171	0	%100
49	M139A	X	.497	.497	0	%100
50	M139A	Z	-.287	-.287	0	%100
51	M140A	X	.153	.153	0	%100
52	M140A	Z	-.088	-.088	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,%]
53	M141A	X	.153	.153	0	%100
54	M141A	Z	-.088	-.088	0	%100
55	M142A	X	.28	.28	0	%100
56	M142A	Z	-.162	-.162	0	%100
57	M145A	X	.173	.173	0	%100
58	M145A	Z	-.1	-.1	0	%100
59	M146A	X	.621	.621	0	%100
60	M146A	Z	-.359	-.359	0	%100
61	M151A	X	.845	.845	0	%100
62	M151A	Z	-.488	-.488	0	%100
63	M152A	X	1.14	1.14	0	%100
64	M152A	Z	-.658	-.658	0	%100
65	M154A	X	1.181	1.181	0	%100
66	M154A	Z	-.682	-.682	0	%100
67	M156A	X	.845	.845	0	%100
68	M156A	Z	-.488	-.488	0	%100
69	M157A	X	.285	.285	0	%100
70	M157A	Z	-.165	-.165	0	%100
71	M159A	X	.295	.295	0	%100
72	M159A	Z	-.171	-.171	0	%100
73	M161A	X	.163	.163	0	%100
74	M161A	Z	-.094	-.094	0	%100
75	MP2A	X	.536	.536	0	%100
76	MP2A	Z	-.31	-.31	0	%100
77	MP3A	X	.443	.443	0	%100
78	MP3A	Z	-.256	-.256	0	%100
79	MP4A	X	.443	.443	0	%100
80	MP4A	Z	-.256	-.256	0	%100
81	MP1A	X	.443	.443	0	%100
82	MP1A	Z	-.256	-.256	0	%100
83	M76A	X	.653	.653	0	%100
84	M76A	Z	-.377	-.377	0	%100
85	MP2C	X	.536	.536	0	%100
86	MP2C	Z	-.31	-.31	0	%100
87	MP3C	X	.443	.443	0	%100
88	MP3C	Z	-.256	-.256	0	%100
89	MP4C	X	.443	.443	0	%100
90	MP4C	Z	-.256	-.256	0	%100
91	MP1C	X	.443	.443	0	%100
92	MP1C	Z	-.256	-.256	0	%100
93	M89	X	.163	.163	0	%100
94	M89	Z	-.094	-.094	0	%100
95	MP2B	X	.536	.536	0	%100
96	MP2B	Z	-.31	-.31	0	%100
97	MP3B	X	.443	.443	0	%100
98	MP3B	Z	-.256	-.256	0	%100
99	MP4B	X	.443	.443	0	%100
100	MP4B	Z	-.256	-.256	0	%100
101	MP1B	X	.443	.443	0	%100
102	MP1B	Z	-.256	-.256	0	%100
103	M95A	X	.404	.404	0	%100
104	M95A	Z	-.233	-.233	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,%]
105	M96A	X	.134	.134	0	%100
106	M96A	Z	-.077	-.077	0	%100
107	M101	X	.134	.134	0	%100
108	M101	Z	-.077	-.077	0	%100
109	M106	X	.536	.536	0	%100
110	M106	Z	-.31	-.31	0	%100
111	M117	X	.149	.149	0	%100
112	M117	Z	-.086	-.086	0	%100
113	M118	X	.149	.149	0	%100
114	M118	Z	-.086	-.086	0	%100
115	M119	X	.597	.597	0	%100
116	M119	Z	-.345	-.345	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	M72A	X	.765	.765	0	%100
2	M72A	Z	0	0	0	%100
3	M73	X	0	0	0	%100
4	M73	Z	0	0	0	%100
5	M74	X	0	0	0	%100
6	M74	Z	0	0	0	%100
7	M75	X	0	0	0	%100
8	M75	Z	0	0	0	%100
9	M78	X	.558	.558	0	%100
10	M78	Z	0	0	0	%100
11	M79	X	.558	.558	0	%100
12	M79	Z	0	0	0	%100
13	M84	X	1.3	1.3	0	%100
14	M84	Z	0	0	0	%100
15	M85	X	.987	.987	0	%100
16	M85	Z	0	0	0	%100
17	M87A	X	1.023	1.023	0	%100
18	M87A	Z	0	0	0	%100
19	M89A	X	1.3	1.3	0	%100
20	M89A	Z	0	0	0	%100
21	M90A	X	.987	.987	0	%100
22	M90A	Z	0	0	0	%100
23	M92	X	1.023	1.023	0	%100
24	M92	Z	0	0	0	%100
25	M117A	X	.191	.191	0	%100
26	M117A	Z	0	0	0	%100
27	M118A	X	.529	.529	0	%100
28	M118A	Z	0	0	0	%100
29	M119A	X	.529	.529	0	%100
30	M119A	Z	0	0	0	%100
31	M120A	X	.969	.969	0	%100
32	M120A	Z	0	0	0	%100
33	M123A	X	.518	.518	0	%100
34	M123A	Z	0	0	0	%100
35	M124A	X	.00076	.00076	0	%100
36	M124A	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,%]
37	M129A	X	.325	.325	0	%100
38	M129A	Z	0	0	0	%100
39	M130A	X	0	0	0	%100
40	M130A	Z	0	0	0	%100
41	M132A	X	0	0	0	%100
42	M132A	Z	0	0	0	%100
43	M134A	X	.325	.325	0	%100
44	M134A	Z	0	0	0	%100
45	M135A	X	.987	.987	0	%100
46	M135A	Z	0	0	0	%100
47	M137A	X	1.023	1.023	0	%100
48	M137A	Z	0	0	0	%100
49	M139A	X	.191	.191	0	%100
50	M139A	Z	0	0	0	%100
51	M140A	X	.529	.529	0	%100
52	M140A	Z	0	0	0	%100
53	M141A	X	.529	.529	0	%100
54	M141A	Z	0	0	0	%100
55	M142A	X	.969	.969	0	%100
56	M142A	Z	0	0	0	%100
57	M145A	X	.00076	.00076	0	%100
58	M145A	Z	0	0	0	%100
59	M146A	X	.518	.518	0	%100
60	M146A	Z	0	0	0	%100
61	M151A	X	.325	.325	0	%100
62	M151A	Z	0	0	0	%100
63	M152A	X	.987	.987	0	%100
64	M152A	Z	0	0	0	%100
65	M154A	X	1.023	1.023	0	%100
66	M154A	Z	0	0	0	%100
67	M156A	X	.325	.325	0	%100
68	M156A	Z	0	0	0	%100
69	M157A	X	0	0	0	%100
70	M157A	Z	0	0	0	%100
71	M159A	X	0	0	0	%100
72	M159A	Z	0	0	0	%100
73	M161A	X	0	0	0	%100
74	M161A	Z	0	0	0	%100
75	MP2A	X	.619	.619	0	%100
76	MP2A	Z	0	0	0	%100
77	MP3A	X	.512	.512	0	%100
78	MP3A	Z	0	0	0	%100
79	MP4A	X	.512	.512	0	%100
80	MP4A	Z	0	0	0	%100
81	MP1A	X	.512	.512	0	%100
82	MP1A	Z	0	0	0	%100
83	M76A	X	.565	.565	0	%100
84	M76A	Z	0	0	0	%100
85	MP2C	X	.619	.619	0	%100
86	MP2C	Z	0	0	0	%100
87	MP3C	X	.512	.512	0	%100
88	MP3C	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	MP4C	X	.512	.512	0	%100
90	MP4C	Z	0	0	0	%100
91	MP1C	X	.512	.512	0	%100
92	MP1C	Z	0	0	0	%100
93	M89	X	.565	.565	0	%100
94	M89	Z	0	0	0	%100
95	MP2B	X	.619	.619	0	%100
96	MP2B	Z	0	0	0	%100
97	MP3B	X	.512	.512	0	%100
98	MP3B	Z	0	0	0	%100
99	MP4B	X	.512	.512	0	%100
100	MP4B	Z	0	0	0	%100
101	MP1B	X	.512	.512	0	%100
102	MP1B	Z	0	0	0	%100
103	M95A	X	.466	.466	0	%100
104	M95A	Z	0	0	0	%100
105	M96A	X	.464	.464	0	%100
106	M96A	Z	0	0	0	%100
107	M101	X	0	0	0	%100
108	M101	Z	0	0	0	%100
109	M106	X	.464	.464	0	%100
110	M106	Z	0	0	0	%100
111	M117	X	.517	.517	0	%100
112	M117	Z	0	0	0	%100
113	M118	X	0	0	0	%100
114	M118	Z	0	0	0	%100
115	M119	X	.517	.517	0	%100
116	M119	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	M72A	X	.497	.497	0	%100
2	M72A	Z	.287	.287	0	%100
3	M73	X	.153	.153	0	%100
4	M73	Z	.088	.088	0	%100
5	M74	X	.153	.153	0	%100
6	M74	Z	.088	.088	0	%100
7	M75	X	.28	.28	0	%100
8	M75	Z	.162	.162	0	%100
9	M78	X	.173	.173	0	%100
10	M78	Z	.1	.1	0	%100
11	M79	X	.621	.621	0	%100
12	M79	Z	.359	.359	0	%100
13	M84	X	.845	.845	0	%100
14	M84	Z	.488	.488	0	%100
15	M85	X	1.14	1.14	0	%100
16	M85	Z	.658	.658	0	%100
17	M87A	X	1.181	1.181	0	%100
18	M87A	Z	.682	.682	0	%100
19	M89A	X	.845	.845	0	%100
20	M89A	Z	.488	.488	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,%]
21	M90A	X	.285	.285	0	%100
22	M90A	Z	.165	.165	0	%100
23	M92	X	.295	.295	0	%100
24	M92	Z	.171	.171	0	%100
25	M117A	X	.497	.497	0	%100
26	M117A	Z	.287	.287	0	%100
27	M118A	X	.153	.153	0	%100
28	M118A	Z	.088	.088	0	%100
29	M119A	X	.153	.153	0	%100
30	M119A	Z	.088	.088	0	%100
31	M120A	X	.28	.28	0	%100
32	M120A	Z	.162	.162	0	%100
33	M123A	X	.621	.621	0	%100
34	M123A	Z	.359	.359	0	%100
35	M124A	X	.173	.173	0	%100
36	M124A	Z	.1	.1	0	%100
37	M129A	X	.845	.845	0	%100
38	M129A	Z	.488	.488	0	%100
39	M130A	X	.285	.285	0	%100
40	M130A	Z	.165	.165	0	%100
41	M132A	X	.295	.295	0	%100
42	M132A	Z	.171	.171	0	%100
43	M134A	X	.845	.845	0	%100
44	M134A	Z	.488	.488	0	%100
45	M135A	X	1.14	1.14	0	%100
46	M135A	Z	.658	.658	0	%100
47	M137A	X	1.181	1.181	0	%100
48	M137A	Z	.682	.682	0	%100
49	M139A	X	0	0	0	%100
50	M139A	Z	0	0	0	%100
51	M140A	X	.611	.611	0	%100
52	M140A	Z	.353	.353	0	%100
53	M141A	X	.611	.611	0	%100
54	M141A	Z	.353	.353	0	%100
55	M142A	X	1.119	1.119	0	%100
56	M142A	Z	.646	.646	0	%100
57	M145A	X	.138	.138	0	%100
58	M145A	Z	.08	.08	0	%100
59	M146A	X	.138	.138	0	%100
60	M146A	Z	.08	.08	0	%100
61	M151A	X	0	0	0	%100
62	M151A	Z	0	0	0	%100
63	M152A	X	.285	.285	0	%100
64	M152A	Z	.165	.165	0	%100
65	M154A	X	.295	.295	0	%100
66	M154A	Z	.171	.171	0	%100
67	M156A	X	0	0	0	%100
68	M156A	Z	0	0	0	%100
69	M157A	X	.285	.285	0	%100
70	M157A	Z	.165	.165	0	%100
71	M159A	X	.295	.295	0	%100
72	M159A	Z	.171	.171	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
73	M161A	X	.163	.163	0	%100
74	M161A	Z	.094	.094	0	%100
75	MP2A	X	.536	.536	0	%100
76	MP2A	Z	.31	.31	0	%100
77	MP3A	X	.443	.443	0	%100
78	MP3A	Z	.256	.256	0	%100
79	MP4A	X	.443	.443	0	%100
80	MP4A	Z	.256	.256	0	%100
81	MP1A	X	.443	.443	0	%100
82	MP1A	Z	.256	.256	0	%100
83	M76A	X	.163	.163	0	%100
84	M76A	Z	.094	.094	0	%100
85	MP2C	X	.536	.536	0	%100
86	MP2C	Z	.31	.31	0	%100
87	MP3C	X	.443	.443	0	%100
88	MP3C	Z	.256	.256	0	%100
89	MP4C	X	.443	.443	0	%100
90	MP4C	Z	.256	.256	0	%100
91	MP1C	X	.443	.443	0	%100
92	MP1C	Z	.256	.256	0	%100
93	M89	X	.653	.653	0	%100
94	M89	Z	.377	.377	0	%100
95	MP2B	X	.536	.536	0	%100
96	MP2B	Z	.31	.31	0	%100
97	MP3B	X	.443	.443	0	%100
98	MP3B	Z	.256	.256	0	%100
99	MP4B	X	.443	.443	0	%100
100	MP4B	Z	.256	.256	0	%100
101	MP1B	X	.443	.443	0	%100
102	MP1B	Z	.256	.256	0	%100
103	M95A	X	.404	.404	0	%100
104	M95A	Z	.233	.233	0	%100
105	M96A	X	.536	.536	0	%100
106	M96A	Z	.31	.31	0	%100
107	M101	X	.134	.134	0	%100
108	M101	Z	.077	.077	0	%100
109	M106	X	.134	.134	0	%100
110	M106	Z	.077	.077	0	%100
111	M117	X	.597	.597	0	%100
112	M117	Z	.345	.345	0	%100
113	M118	X	.149	.149	0	%100
114	M118	Z	.086	.086	0	%100
115	M119	X	.149	.149	0	%100
116	M119	Z	.086	.086	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	M72A	X	.096	.096	0	%100
2	M72A	Z	.166	.166	0	%100
3	M73	X	.265	.265	0	%100
4	M73	Z	.458	.458	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,%]
5	M74	X	.265	.265	0	%100
6	M74	Z	.458	.458	0	%100
7	M75	X	.485	.485	0	%100
8	M75	Z	.839	.839	0	%100
9	M78	X	.00038	.00038	0	%100
10	M78	Z	.000658	.000658	0	%100
11	M79	X	.259	.259	0	%100
12	M79	Z	.448	.448	0	%100
13	M84	X	.163	.163	0	%100
14	M84	Z	.282	.282	0	%100
15	M85	X	.494	.494	0	%100
16	M85	Z	.855	.855	0	%100
17	M87A	X	.512	.512	0	%100
18	M87A	Z	.886	.886	0	%100
19	M89A	X	.163	.163	0	%100
20	M89A	Z	.282	.282	0	%100
21	M90A	X	0	0	0	%100
22	M90A	Z	0	0	0	%100
23	M92	X	0	0	0	%100
24	M92	Z	0	0	0	%100
25	M117A	X	.382	.382	0	%100
26	M117A	Z	.662	.662	0	%100
27	M118A	X	0	0	0	%100
28	M118A	Z	0	0	0	%100
29	M119A	X	0	0	0	%100
30	M119A	Z	0	0	0	%100
31	M120A	X	0	0	0	%100
32	M120A	Z	0	0	0	%100
33	M123A	X	.279	.279	0	%100
34	M123A	Z	.483	.483	0	%100
35	M124A	X	.279	.279	0	%100
36	M124A	Z	.483	.483	0	%100
37	M129A	X	.65	.65	0	%100
38	M129A	Z	1.126	1.126	0	%100
39	M130A	X	.494	.494	0	%100
40	M130A	Z	.855	.855	0	%100
41	M132A	X	.512	.512	0	%100
42	M132A	Z	.886	.886	0	%100
43	M134A	X	.65	.65	0	%100
44	M134A	Z	1.126	1.126	0	%100
45	M135A	X	.494	.494	0	%100
46	M135A	Z	.855	.855	0	%100
47	M137A	X	.512	.512	0	%100
48	M137A	Z	.886	.886	0	%100
49	M139A	X	.096	.096	0	%100
50	M139A	Z	.166	.166	0	%100
51	M140A	X	.265	.265	0	%100
52	M140A	Z	.458	.458	0	%100
53	M141A	X	.265	.265	0	%100
54	M141A	Z	.458	.458	0	%100
55	M142A	X	.485	.485	0	%100
56	M142A	Z	.839	.839	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,%]
57	M145A	X	.259	.259	0	%100
58	M145A	Z	.448	.448	0	%100
59	M146A	X	.00038	.00038	0	%100
60	M146A	Z	.000658	.000658	0	%100
61	M151A	X	.163	.163	0	%100
62	M151A	Z	.282	.282	0	%100
63	M152A	X	0	0	0	%100
64	M152A	Z	0	0	0	%100
65	M154A	X	0	0	0	%100
66	M154A	Z	0	0	0	%100
67	M156A	X	.163	.163	0	%100
68	M156A	Z	.282	.282	0	%100
69	M157A	X	.494	.494	0	%100
70	M157A	Z	.855	.855	0	%100
71	M159A	X	.512	.512	0	%100
72	M159A	Z	.886	.886	0	%100
73	M161A	X	.283	.283	0	%100
74	M161A	Z	.49	.49	0	%100
75	MP2A	X	.31	.31	0	%100
76	MP2A	Z	.536	.536	0	%100
77	MP3A	X	.256	.256	0	%100
78	MP3A	Z	.443	.443	0	%100
79	MP4A	X	.256	.256	0	%100
80	MP4A	Z	.443	.443	0	%100
81	MP1A	X	.256	.256	0	%100
82	MP1A	Z	.443	.443	0	%100
83	M76A	X	0	0	0	%100
84	M76A	Z	0	0	0	%100
85	MP2C	X	.31	.31	0	%100
86	MP2C	Z	.536	.536	0	%100
87	MP3C	X	.256	.256	0	%100
88	MP3C	Z	.443	.443	0	%100
89	MP4C	X	.256	.256	0	%100
90	MP4C	Z	.443	.443	0	%100
91	MP1C	X	.256	.256	0	%100
92	MP1C	Z	.443	.443	0	%100
93	M89	X	.283	.283	0	%100
94	M89	Z	.49	.49	0	%100
95	MP2B	X	.31	.31	0	%100
96	MP2B	Z	.536	.536	0	%100
97	MP3B	X	.256	.256	0	%100
98	MP3B	Z	.443	.443	0	%100
99	MP4B	X	.256	.256	0	%100
100	MP4B	Z	.443	.443	0	%100
101	MP1B	X	.256	.256	0	%100
102	MP1B	Z	.443	.443	0	%100
103	M95A	X	.233	.233	0	%100
104	M95A	Z	.404	.404	0	%100
105	M96A	X	.232	.232	0	%100
106	M96A	Z	.402	.402	0	%100
107	M101	X	.232	.232	0	%100
108	M101	Z	.402	.402	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,%]
109	M106	X	0	0	0	%100
110	M106	Z	0	0	0	%100
111	M117	X	.258	.258	0	%100
112	M117	Z	.448	.448	0	%100
113	M118	X	.258	.258	0	%100
114	M118	Z	.448	.448	0	%100
115	M119	X	0	0	0	%100
116	M119	Z	0	0	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	M72A	X	0	0	0	%100
2	M72A	Z	0	0	0	%100
3	M73	X	0	0	0	%100
4	M73	Z	.706	.706	0	%100
5	M74	X	0	0	0	%100
6	M74	Z	.706	.706	0	%100
7	M75	X	0	0	0	%100
8	M75	Z	1.292	1.292	0	%100
9	M78	X	0	0	0	%100
10	M78	Z	.16	.16	0	%100
11	M79	X	0	0	0	%100
12	M79	Z	.16	.16	0	%100
13	M84	X	0	0	0	%100
14	M84	Z	0	0	0	%100
15	M85	X	0	0	0	%100
16	M85	Z	.329	.329	0	%100
17	M87A	X	0	0	0	%100
18	M87A	Z	.341	.341	0	%100
19	M89A	X	0	0	0	%100
20	M89A	Z	0	0	0	%100
21	M90A	X	0	0	0	%100
22	M90A	Z	.329	.329	0	%100
23	M92	X	0	0	0	%100
24	M92	Z	.341	.341	0	%100
25	M117A	X	0	0	0	%100
26	M117A	Z	.574	.574	0	%100
27	M118A	X	0	0	0	%100
28	M118A	Z	.176	.176	0	%100
29	M119A	X	0	0	0	%100
30	M119A	Z	.176	.176	0	%100
31	M120A	X	0	0	0	%100
32	M120A	Z	.323	.323	0	%100
33	M123A	X	0	0	0	%100
34	M123A	Z	.2	.2	0	%100
35	M124A	X	0	0	0	%100
36	M124A	Z	.717	.717	0	%100
37	M129A	X	0	0	0	%100
38	M129A	Z	.975	.975	0	%100
39	M130A	X	0	0	0	%100
40	M130A	Z	1.316	1.316	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,%]
41	M132A	X	0	0	0	%100
42	M132A	Z	1.364	1.364	0	%100
43	M134A	X	0	0	0	%100
44	M134A	Z	.975	.975	0	%100
45	M135A	X	0	0	0	%100
46	M135A	Z	.329	.329	0	%100
47	M137A	X	0	0	0	%100
48	M137A	Z	.341	.341	0	%100
49	M139A	X	0	0	0	%100
50	M139A	Z	.574	.574	0	%100
51	M140A	X	0	0	0	%100
52	M140A	Z	.176	.176	0	%100
53	M141A	X	0	0	0	%100
54	M141A	Z	.176	.176	0	%100
55	M142A	X	0	0	0	%100
56	M142A	Z	.323	.323	0	%100
57	M145A	X	0	0	0	%100
58	M145A	Z	.717	.717	0	%100
59	M146A	X	0	0	0	%100
60	M146A	Z	.2	.2	0	%100
61	M151A	X	0	0	0	%100
62	M151A	Z	.975	.975	0	%100
63	M152A	X	0	0	0	%100
64	M152A	Z	.329	.329	0	%100
65	M154A	X	0	0	0	%100
66	M154A	Z	.341	.341	0	%100
67	M156A	X	0	0	0	%100
68	M156A	Z	.975	.975	0	%100
69	M157A	X	0	0	0	%100
70	M157A	Z	1.316	1.316	0	%100
71	M159A	X	0	0	0	%100
72	M159A	Z	1.364	1.364	0	%100
73	M161A	X	0	0	0	%100
74	M161A	Z	.754	.754	0	%100
75	MP2A	X	0	0	0	%100
76	MP2A	Z	.619	.619	0	%100
77	MP3A	X	0	0	0	%100
78	MP3A	Z	.512	.512	0	%100
79	MP4A	X	0	0	0	%100
80	MP4A	Z	.512	.512	0	%100
81	MP1A	X	0	0	0	%100
82	MP1A	Z	.512	.512	0	%100
83	M76A	X	0	0	0	%100
84	M76A	Z	.188	.188	0	%100
85	MP2C	X	0	0	0	%100
86	MP2C	Z	.619	.619	0	%100
87	MP3C	X	0	0	0	%100
88	MP3C	Z	.512	.512	0	%100
89	MP4C	X	0	0	0	%100
90	MP4C	Z	.512	.512	0	%100
91	MP1C	X	0	0	0	%100
92	MP1C	Z	.512	.512	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,%]
93	M89	X	0	0	0	%100
94	M89	Z	.188	.188	0	%100
95	MP2B	X	0	0	0	%100
96	MP2B	Z	.619	.619	0	%100
97	MP3B	X	0	0	0	%100
98	MP3B	Z	.512	.512	0	%100
99	MP4B	X	0	0	0	%100
100	MP4B	Z	.512	.512	0	%100
101	MP1B	X	0	0	0	%100
102	MP1B	Z	.512	.512	0	%100
103	M95A	X	0	0	0	%100
104	M95A	Z	.466	.466	0	%100
105	M96A	X	0	0	0	%100
106	M96A	Z	.155	.155	0	%100
107	M101	X	0	0	0	%100
108	M101	Z	.619	.619	0	%100
109	M106	X	0	0	0	%100
110	M106	Z	.155	.155	0	%100
111	M117	X	0	0	0	%100
112	M117	Z	.172	.172	0	%100
113	M118	X	0	0	0	%100
114	M118	Z	.689	.689	0	%100
115	M119	X	0	0	0	%100
116	M119	Z	.172	.172	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	M72A	X	-.096	-.096	0	%100
2	M72A	Z	.166	.166	0	%100
3	M73	X	-.265	-.265	0	%100
4	M73	Z	.458	.458	0	%100
5	M74	X	-.265	-.265	0	%100
6	M74	Z	.458	.458	0	%100
7	M75	X	-.485	-.485	0	%100
8	M75	Z	.839	.839	0	%100
9	M78	X	-.259	-.259	0	%100
10	M78	Z	.448	.448	0	%100
11	M79	X	-.00038	-.00038	0	%100
12	M79	Z	.000658	.000658	0	%100
13	M84	X	-.163	-.163	0	%100
14	M84	Z	.282	.282	0	%100
15	M85	X	0	0	0	%100
16	M85	Z	0	0	0	%100
17	M87A	X	0	0	0	%100
18	M87A	Z	0	0	0	%100
19	M89A	X	-.163	-.163	0	%100
20	M89A	Z	.282	.282	0	%100
21	M90A	X	-.494	-.494	0	%100
22	M90A	Z	.855	.855	0	%100
23	M92	X	-.512	-.512	0	%100
24	M92	Z	.886	.886	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,%]
25	M117A	X	-.096	-.096	0	%100
26	M117A	Z	.166	.166	0	%100
27	M118A	X	-.265	-.265	0	%100
28	M118A	Z	.458	.458	0	%100
29	M119A	X	-.265	-.265	0	%100
30	M119A	Z	.458	.458	0	%100
31	M120A	X	-.485	-.485	0	%100
32	M120A	Z	.839	.839	0	%100
33	M123A	X	-.00038	-.00038	0	%100
34	M123A	Z	.000658	.000658	0	%100
35	M124A	X	-.259	-.259	0	%100
36	M124A	Z	.448	.448	0	%100
37	M129A	X	-.163	-.163	0	%100
38	M129A	Z	.282	.282	0	%100
39	M130A	X	-.494	-.494	0	%100
40	M130A	Z	.855	.855	0	%100
41	M132A	X	-.512	-.512	0	%100
42	M132A	Z	.886	.886	0	%100
43	M134A	X	-.163	-.163	0	%100
44	M134A	Z	.282	.282	0	%100
45	M135A	X	0	0	0	%100
46	M135A	Z	0	0	0	%100
47	M137A	X	0	0	0	%100
48	M137A	Z	0	0	0	%100
49	M139A	X	-.382	-.382	0	%100
50	M139A	Z	.662	.662	0	%100
51	M140A	X	0	0	0	%100
52	M140A	Z	0	0	0	%100
53	M141A	X	0	0	0	%100
54	M141A	Z	0	0	0	%100
55	M142A	X	0	0	0	%100
56	M142A	Z	0	0	0	%100
57	M145A	X	-.279	-.279	0	%100
58	M145A	Z	.483	.483	0	%100
59	M146A	X	-.279	-.279	0	%100
60	M146A	Z	.483	.483	0	%100
61	M151A	X	-.65	-.65	0	%100
62	M151A	Z	1.126	1.126	0	%100
63	M152A	X	-.494	-.494	0	%100
64	M152A	Z	.855	.855	0	%100
65	M154A	X	-.512	-.512	0	%100
66	M154A	Z	.886	.886	0	%100
67	M156A	X	-.65	-.65	0	%100
68	M156A	Z	1.126	1.126	0	%100
69	M157A	X	-.494	-.494	0	%100
70	M157A	Z	.855	.855	0	%100
71	M159A	X	-.512	-.512	0	%100
72	M159A	Z	.886	.886	0	%100
73	M161A	X	-.283	-.283	0	%100
74	M161A	Z	.49	.49	0	%100
75	MP2A	X	-.31	-.31	0	%100
76	MP2A	Z	.536	.536	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,%]
77	MP3A	X	-.256	-.256	0	%100
78	MP3A	Z	.443	.443	0	%100
79	MP4A	X	-.256	-.256	0	%100
80	MP4A	Z	.443	.443	0	%100
81	MP1A	X	-.256	-.256	0	%100
82	MP1A	Z	.443	.443	0	%100
83	M76A	X	-.283	-.283	0	%100
84	M76A	Z	.49	.49	0	%100
85	MP2C	X	-.31	-.31	0	%100
86	MP2C	Z	.536	.536	0	%100
87	MP3C	X	-.256	-.256	0	%100
88	MP3C	Z	.443	.443	0	%100
89	MP4C	X	-.256	-.256	0	%100
90	MP4C	Z	.443	.443	0	%100
91	MP1C	X	-.256	-.256	0	%100
92	MP1C	Z	.443	.443	0	%100
93	M89	X	0	0	0	%100
94	M89	Z	0	0	0	%100
95	MP2B	X	-.31	-.31	0	%100
96	MP2B	Z	.536	.536	0	%100
97	MP3B	X	-.256	-.256	0	%100
98	MP3B	Z	.443	.443	0	%100
99	MP4B	X	-.256	-.256	0	%100
100	MP4B	Z	.443	.443	0	%100
101	MP1B	X	-.256	-.256	0	%100
102	MP1B	Z	.443	.443	0	%100
103	M95A	X	-.233	-.233	0	%100
104	M95A	Z	.404	.404	0	%100
105	M96A	X	0	0	0	%100
106	M96A	Z	0	0	0	%100
107	M101	X	-.232	-.232	0	%100
108	M101	Z	.402	.402	0	%100
109	M106	X	-.232	-.232	0	%100
110	M106	Z	.402	.402	0	%100
111	M117	X	0	0	0	%100
112	M117	Z	0	0	0	%100
113	M118	X	-.258	-.258	0	%100
114	M118	Z	.448	.448	0	%100
115	M119	X	-.258	-.258	0	%100
116	M119	Z	.448	.448	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	M72A	X	-.497	-.497	0	%100
2	M72A	Z	.287	.287	0	%100
3	M73	X	-.153	-.153	0	%100
4	M73	Z	.088	.088	0	%100
5	M74	X	-.153	-.153	0	%100
6	M74	Z	.088	.088	0	%100
7	M75	X	-.28	-.28	0	%100
8	M75	Z	.162	.162	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,%]
9	M78	X	-.621	-.621	0	%100
10	M78	Z	.359	.359	0	%100
11	M79	X	-.173	-.173	0	%100
12	M79	Z	.1	.1	0	%100
13	M84	X	-.845	-.845	0	%100
14	M84	Z	.488	.488	0	%100
15	M85	X	-.285	-.285	0	%100
16	M85	Z	.165	.165	0	%100
17	M87A	X	-.295	-.295	0	%100
18	M87A	Z	.171	.171	0	%100
19	M89A	X	-.845	-.845	0	%100
20	M89A	Z	.488	.488	0	%100
21	M90A	X	-1.14	-1.14	0	%100
22	M90A	Z	.658	.658	0	%100
23	M92	X	-1.181	-1.181	0	%100
24	M92	Z	.682	.682	0	%100
25	M117A	X	0	0	0	%100
26	M117A	Z	0	0	0	%100
27	M118A	X	-.611	-.611	0	%100
28	M118A	Z	.353	.353	0	%100
29	M119A	X	-.611	-.611	0	%100
30	M119A	Z	.353	.353	0	%100
31	M120A	X	-1.119	-1.119	0	%100
32	M120A	Z	.646	.646	0	%100
33	M123A	X	-.138	-.138	0	%100
34	M123A	Z	.08	.08	0	%100
35	M124A	X	-.138	-.138	0	%100
36	M124A	Z	.08	.08	0	%100
37	M129A	X	0	0	0	%100
38	M129A	Z	0	0	0	%100
39	M130A	X	-.285	-.285	0	%100
40	M130A	Z	.165	.165	0	%100
41	M132A	X	-.295	-.295	0	%100
42	M132A	Z	.171	.171	0	%100
43	M134A	X	0	0	0	%100
44	M134A	Z	0	0	0	%100
45	M135A	X	-.285	-.285	0	%100
46	M135A	Z	.165	.165	0	%100
47	M137A	X	-.295	-.295	0	%100
48	M137A	Z	.171	.171	0	%100
49	M139A	X	-.497	-.497	0	%100
50	M139A	Z	.287	.287	0	%100
51	M140A	X	-.153	-.153	0	%100
52	M140A	Z	.088	.088	0	%100
53	M141A	X	-.153	-.153	0	%100
54	M141A	Z	.088	.088	0	%100
55	M142A	X	-.28	-.28	0	%100
56	M142A	Z	.162	.162	0	%100
57	M145A	X	-.173	-.173	0	%100
58	M145A	Z	.1	.1	0	%100
59	M146A	X	-.621	-.621	0	%100
60	M146A	Z	.359	.359	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,%]
61	M151A	X	-.845	-.845	0	%100
62	M151A	Z	.488	.488	0	%100
63	M152A	X	-1.14	-1.14	0	%100
64	M152A	Z	.658	.658	0	%100
65	M154A	X	-1.181	-1.181	0	%100
66	M154A	Z	.682	.682	0	%100
67	M156A	X	-.845	-.845	0	%100
68	M156A	Z	.488	.488	0	%100
69	M157A	X	-.285	-.285	0	%100
70	M157A	Z	.165	.165	0	%100
71	M159A	X	-.295	-.295	0	%100
72	M159A	Z	.171	.171	0	%100
73	M161A	X	-.163	-.163	0	%100
74	M161A	Z	.094	.094	0	%100
75	MP2A	X	-.536	-.536	0	%100
76	MP2A	Z	.31	.31	0	%100
77	MP3A	X	-.443	-.443	0	%100
78	MP3A	Z	.256	.256	0	%100
79	MP4A	X	-.443	-.443	0	%100
80	MP4A	Z	.256	.256	0	%100
81	MP1A	X	-.443	-.443	0	%100
82	MP1A	Z	.256	.256	0	%100
83	M76A	X	-.653	-.653	0	%100
84	M76A	Z	.377	.377	0	%100
85	MP2C	X	-.536	-.536	0	%100
86	MP2C	Z	.31	.31	0	%100
87	MP3C	X	-.443	-.443	0	%100
88	MP3C	Z	.256	.256	0	%100
89	MP4C	X	-.443	-.443	0	%100
90	MP4C	Z	.256	.256	0	%100
91	MP1C	X	-.443	-.443	0	%100
92	MP1C	Z	.256	.256	0	%100
93	M89	X	-.163	-.163	0	%100
94	M89	Z	.094	.094	0	%100
95	MP2B	X	-.536	-.536	0	%100
96	MP2B	Z	.31	.31	0	%100
97	MP3B	X	-.443	-.443	0	%100
98	MP3B	Z	.256	.256	0	%100
99	MP4B	X	-.443	-.443	0	%100
100	MP4B	Z	.256	.256	0	%100
101	MP1B	X	-.443	-.443	0	%100
102	MP1B	Z	.256	.256	0	%100
103	M95A	X	-.404	-.404	0	%100
104	M95A	Z	.233	.233	0	%100
105	M96A	X	-.134	-.134	0	%100
106	M96A	Z	.077	.077	0	%100
107	M101	X	-.134	-.134	0	%100
108	M101	Z	.077	.077	0	%100
109	M106	X	-.536	-.536	0	%100
110	M106	Z	.31	.31	0	%100
111	M117	X	-.149	-.149	0	%100
112	M117	Z	.086	.086	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,%]
113	M118	X	-.149	-.149	0	%100
114	M118	Z	.086	.086	0	%100
115	M119	X	-.597	-.597	0	%100
116	M119	Z	.345	.345	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	M72A	X	-.765	-.765	0	%100
2	M72A	Z	0	0	0	%100
3	M73	X	0	0	0	%100
4	M73	Z	0	0	0	%100
5	M74	X	0	0	0	%100
6	M74	Z	0	0	0	%100
7	M75	X	0	0	0	%100
8	M75	Z	0	0	0	%100
9	M78	X	-.558	-.558	0	%100
10	M78	Z	0	0	0	%100
11	M79	X	-.558	-.558	0	%100
12	M79	Z	0	0	0	%100
13	M84	X	-1.3	-1.3	0	%100
14	M84	Z	0	0	0	%100
15	M85	X	-.987	-.987	0	%100
16	M85	Z	0	0	0	%100
17	M87A	X	-1.023	-1.023	0	%100
18	M87A	Z	0	0	0	%100
19	M89A	X	-1.3	-1.3	0	%100
20	M89A	Z	0	0	0	%100
21	M90A	X	-.987	-.987	0	%100
22	M90A	Z	0	0	0	%100
23	M92	X	-1.023	-1.023	0	%100
24	M92	Z	0	0	0	%100
25	M117A	X	-.191	-.191	0	%100
26	M117A	Z	0	0	0	%100
27	M118A	X	-.529	-.529	0	%100
28	M118A	Z	0	0	0	%100
29	M119A	X	-.529	-.529	0	%100
30	M119A	Z	0	0	0	%100
31	M120A	X	-.969	-.969	0	%100
32	M120A	Z	0	0	0	%100
33	M123A	X	-.518	-.518	0	%100
34	M123A	Z	0	0	0	%100
35	M124A	X	-.00076	-.00076	0	%100
36	M124A	Z	0	0	0	%100
37	M129A	X	-.325	-.325	0	%100
38	M129A	Z	0	0	0	%100
39	M130A	X	0	0	0	%100
40	M130A	Z	0	0	0	%100
41	M132A	X	0	0	0	%100
42	M132A	Z	0	0	0	%100
43	M134A	X	-.325	-.325	0	%100
44	M134A	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,%]
45	M135A	X	-.987	-.987	0	%100
46	M135A	Z	0	0	0	%100
47	M137A	X	-1.023	-1.023	0	%100
48	M137A	Z	0	0	0	%100
49	M139A	X	-.191	-.191	0	%100
50	M139A	Z	0	0	0	%100
51	M140A	X	-.529	-.529	0	%100
52	M140A	Z	0	0	0	%100
53	M141A	X	-.529	-.529	0	%100
54	M141A	Z	0	0	0	%100
55	M142A	X	-.969	-.969	0	%100
56	M142A	Z	0	0	0	%100
57	M145A	X	-.00076	-.00076	0	%100
58	M145A	Z	0	0	0	%100
59	M146A	X	-.518	-.518	0	%100
60	M146A	Z	0	0	0	%100
61	M151A	X	-.325	-.325	0	%100
62	M151A	Z	0	0	0	%100
63	M152A	X	-.987	-.987	0	%100
64	M152A	Z	0	0	0	%100
65	M154A	X	-1.023	-1.023	0	%100
66	M154A	Z	0	0	0	%100
67	M156A	X	-.325	-.325	0	%100
68	M156A	Z	0	0	0	%100
69	M157A	X	0	0	0	%100
70	M157A	Z	0	0	0	%100
71	M159A	X	0	0	0	%100
72	M159A	Z	0	0	0	%100
73	M161A	X	0	0	0	%100
74	M161A	Z	0	0	0	%100
75	MP2A	X	-.619	-.619	0	%100
76	MP2A	Z	0	0	0	%100
77	MP3A	X	-.512	-.512	0	%100
78	MP3A	Z	0	0	0	%100
79	MP4A	X	-.512	-.512	0	%100
80	MP4A	Z	0	0	0	%100
81	MP1A	X	-.512	-.512	0	%100
82	MP1A	Z	0	0	0	%100
83	M76A	X	-.565	-.565	0	%100
84	M76A	Z	0	0	0	%100
85	MP2C	X	-.619	-.619	0	%100
86	MP2C	Z	0	0	0	%100
87	MP3C	X	-.512	-.512	0	%100
88	MP3C	Z	0	0	0	%100
89	MP4C	X	-.512	-.512	0	%100
90	MP4C	Z	0	0	0	%100
91	MP1C	X	-.512	-.512	0	%100
92	MP1C	Z	0	0	0	%100
93	M89	X	-.565	-.565	0	%100
94	M89	Z	0	0	0	%100
95	MP2B	X	-.619	-.619	0	%100
96	MP2B	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,%]
97	MP3B	X	-.512	-.512	0	%100
98	MP3B	Z	0	0	0	%100
99	MP4B	X	-.512	-.512	0	%100
100	MP4B	Z	0	0	0	%100
101	MP1B	X	-.512	-.512	0	%100
102	MP1B	Z	0	0	0	%100
103	M95A	X	-.466	-.466	0	%100
104	M95A	Z	0	0	0	%100
105	M96A	X	-.464	-.464	0	%100
106	M96A	Z	0	0	0	%100
107	M101	X	0	0	0	%100
108	M101	Z	0	0	0	%100
109	M106	X	-.464	-.464	0	%100
110	M106	Z	0	0	0	%100
111	M117	X	-.517	-.517	0	%100
112	M117	Z	0	0	0	%100
113	M118	X	0	0	0	%100
114	M118	Z	0	0	0	%100
115	M119	X	-.517	-.517	0	%100
116	M119	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	M72A	X	-.497	-.497	0	%100
2	M72A	Z	-.287	-.287	0	%100
3	M73	X	-.153	-.153	0	%100
4	M73	Z	-.088	-.088	0	%100
5	M74	X	-.153	-.153	0	%100
6	M74	Z	-.088	-.088	0	%100
7	M75	X	-.28	-.28	0	%100
8	M75	Z	-.162	-.162	0	%100
9	M78	X	-.173	-.173	0	%100
10	M78	Z	-.1	-.1	0	%100
11	M79	X	-.621	-.621	0	%100
12	M79	Z	-.359	-.359	0	%100
13	M84	X	-.845	-.845	0	%100
14	M84	Z	-.488	-.488	0	%100
15	M85	X	-1.14	-1.14	0	%100
16	M85	Z	-.658	-.658	0	%100
17	M87A	X	-1.181	-1.181	0	%100
18	M87A	Z	-.682	-.682	0	%100
19	M89A	X	-.845	-.845	0	%100
20	M89A	Z	-.488	-.488	0	%100
21	M90A	X	-.285	-.285	0	%100
22	M90A	Z	-.165	-.165	0	%100
23	M92	X	-.295	-.295	0	%100
24	M92	Z	-.171	-.171	0	%100
25	M117A	X	-.497	-.497	0	%100
26	M117A	Z	-.287	-.287	0	%100
27	M118A	X	-.153	-.153	0	%100
28	M118A	Z	-.088	-.088	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	M119A	X	-.153	-.153	0	%100
30	M119A	Z	-.088	-.088	0	%100
31	M120A	X	-.28	-.28	0	%100
32	M120A	Z	-.162	-.162	0	%100
33	M123A	X	-.621	-.621	0	%100
34	M123A	Z	-.359	-.359	0	%100
35	M124A	X	-.173	-.173	0	%100
36	M124A	Z	-.1	-.1	0	%100
37	M129A	X	-.845	-.845	0	%100
38	M129A	Z	-.488	-.488	0	%100
39	M130A	X	-.285	-.285	0	%100
40	M130A	Z	-.165	-.165	0	%100
41	M132A	X	-.295	-.295	0	%100
42	M132A	Z	-.171	-.171	0	%100
43	M134A	X	-.845	-.845	0	%100
44	M134A	Z	-.488	-.488	0	%100
45	M135A	X	-1.14	-1.14	0	%100
46	M135A	Z	-.658	-.658	0	%100
47	M137A	X	-1.181	-1.181	0	%100
48	M137A	Z	-.682	-.682	0	%100
49	M139A	X	0	0	0	%100
50	M139A	Z	0	0	0	%100
51	M140A	X	-.611	-.611	0	%100
52	M140A	Z	-.353	-.353	0	%100
53	M141A	X	-.611	-.611	0	%100
54	M141A	Z	-.353	-.353	0	%100
55	M142A	X	-1.119	-1.119	0	%100
56	M142A	Z	-.646	-.646	0	%100
57	M145A	X	-.138	-.138	0	%100
58	M145A	Z	-.08	-.08	0	%100
59	M146A	X	-.138	-.138	0	%100
60	M146A	Z	-.08	-.08	0	%100
61	M151A	X	0	0	0	%100
62	M151A	Z	0	0	0	%100
63	M152A	X	-.285	-.285	0	%100
64	M152A	Z	-.165	-.165	0	%100
65	M154A	X	-.295	-.295	0	%100
66	M154A	Z	-.171	-.171	0	%100
67	M156A	X	0	0	0	%100
68	M156A	Z	0	0	0	%100
69	M157A	X	-.285	-.285	0	%100
70	M157A	Z	-.165	-.165	0	%100
71	M159A	X	-.295	-.295	0	%100
72	M159A	Z	-.171	-.171	0	%100
73	M161A	X	-.163	-.163	0	%100
74	M161A	Z	-.094	-.094	0	%100
75	MP2A	X	-.536	-.536	0	%100
76	MP2A	Z	-.31	-.31	0	%100
77	MP3A	X	-.443	-.443	0	%100
78	MP3A	Z	-.256	-.256	0	%100
79	MP4A	X	-.443	-.443	0	%100
80	MP4A	Z	-.256	-.256	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	MP1A	X	-.443	-.443	0	%100
82	MP1A	Z	-.256	-.256	0	%100
83	M76A	X	-.163	-.163	0	%100
84	M76A	Z	-.094	-.094	0	%100
85	MP2C	X	-.536	-.536	0	%100
86	MP2C	Z	-.31	-.31	0	%100
87	MP3C	X	-.443	-.443	0	%100
88	MP3C	Z	-.256	-.256	0	%100
89	MP4C	X	-.443	-.443	0	%100
90	MP4C	Z	-.256	-.256	0	%100
91	MP1C	X	-.443	-.443	0	%100
92	MP1C	Z	-.256	-.256	0	%100
93	M89	X	-.653	-.653	0	%100
94	M89	Z	-.377	-.377	0	%100
95	MP2B	X	-.536	-.536	0	%100
96	MP2B	Z	-.31	-.31	0	%100
97	MP3B	X	-.443	-.443	0	%100
98	MP3B	Z	-.256	-.256	0	%100
99	MP4B	X	-.443	-.443	0	%100
100	MP4B	Z	-.256	-.256	0	%100
101	MP1B	X	-.443	-.443	0	%100
102	MP1B	Z	-.256	-.256	0	%100
103	M95A	X	-.404	-.404	0	%100
104	M95A	Z	-.233	-.233	0	%100
105	M96A	X	-.536	-.536	0	%100
106	M96A	Z	-.31	-.31	0	%100
107	M101	X	-.134	-.134	0	%100
108	M101	Z	-.077	-.077	0	%100
109	M106	X	-.134	-.134	0	%100
110	M106	Z	-.077	-.077	0	%100
111	M117	X	-.597	-.597	0	%100
112	M117	Z	-.345	-.345	0	%100
113	M118	X	-.149	-.149	0	%100
114	M118	Z	-.086	-.086	0	%100
115	M119	X	-.149	-.149	0	%100
116	M119	Z	-.086	-.086	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	M72A	X	-.096	-.096	0	%100
2	M72A	Z	-.166	-.166	0	%100
3	M73	X	-.265	-.265	0	%100
4	M73	Z	-.458	-.458	0	%100
5	M74	X	-.265	-.265	0	%100
6	M74	Z	-.458	-.458	0	%100
7	M75	X	-.485	-.485	0	%100
8	M75	Z	-.839	-.839	0	%100
9	M78	X	-.00038	-.00038	0	%100
10	M78	Z	-.000658	-.000658	0	%100
11	M79	X	-.259	-.259	0	%100
12	M79	Z	-.448	-.448	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,%]
13	M84	X	-.163	-.163	0	%100
14	M84	Z	-.282	-.282	0	%100
15	M85	X	-.494	-.494	0	%100
16	M85	Z	-.855	-.855	0	%100
17	M87A	X	-.512	-.512	0	%100
18	M87A	Z	-.886	-.886	0	%100
19	M89A	X	-.163	-.163	0	%100
20	M89A	Z	-.282	-.282	0	%100
21	M90A	X	0	0	0	%100
22	M90A	Z	0	0	0	%100
23	M92	X	0	0	0	%100
24	M92	Z	0	0	0	%100
25	M117A	X	-.382	-.382	0	%100
26	M117A	Z	-.662	-.662	0	%100
27	M118A	X	0	0	0	%100
28	M118A	Z	0	0	0	%100
29	M119A	X	0	0	0	%100
30	M119A	Z	0	0	0	%100
31	M120A	X	0	0	0	%100
32	M120A	Z	0	0	0	%100
33	M123A	X	-.279	-.279	0	%100
34	M123A	Z	-.483	-.483	0	%100
35	M124A	X	-.279	-.279	0	%100
36	M124A	Z	-.483	-.483	0	%100
37	M129A	X	-.65	-.65	0	%100
38	M129A	Z	-1.126	-1.126	0	%100
39	M130A	X	-.494	-.494	0	%100
40	M130A	Z	-.855	-.855	0	%100
41	M132A	X	-.512	-.512	0	%100
42	M132A	Z	-.886	-.886	0	%100
43	M134A	X	-.65	-.65	0	%100
44	M134A	Z	-1.126	-1.126	0	%100
45	M135A	X	-.494	-.494	0	%100
46	M135A	Z	-.855	-.855	0	%100
47	M137A	X	-.512	-.512	0	%100
48	M137A	Z	-.886	-.886	0	%100
49	M139A	X	-.096	-.096	0	%100
50	M139A	Z	-.166	-.166	0	%100
51	M140A	X	-.265	-.265	0	%100
52	M140A	Z	-.458	-.458	0	%100
53	M141A	X	-.265	-.265	0	%100
54	M141A	Z	-.458	-.458	0	%100
55	M142A	X	-.485	-.485	0	%100
56	M142A	Z	-.839	-.839	0	%100
57	M145A	X	-.259	-.259	0	%100
58	M145A	Z	-.448	-.448	0	%100
59	M146A	X	-.00038	-.00038	0	%100
60	M146A	Z	-.000658	-.000658	0	%100
61	M151A	X	-.163	-.163	0	%100
62	M151A	Z	-.282	-.282	0	%100
63	M152A	X	0	0	0	%100
64	M152A	Z	0	0	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,%]
65	M154A	X	0	0	0	%100
66	M154A	Z	0	0	0	%100
67	M156A	X	-.163	-.163	0	%100
68	M156A	Z	-.282	-.282	0	%100
69	M157A	X	-.494	-.494	0	%100
70	M157A	Z	-.855	-.855	0	%100
71	M159A	X	-.512	-.512	0	%100
72	M159A	Z	-.886	-.886	0	%100
73	M161A	X	-.283	-.283	0	%100
74	M161A	Z	-.49	-.49	0	%100
75	MP2A	X	-.31	-.31	0	%100
76	MP2A	Z	-.536	-.536	0	%100
77	MP3A	X	-.256	-.256	0	%100
78	MP3A	Z	-.443	-.443	0	%100
79	MP4A	X	-.256	-.256	0	%100
80	MP4A	Z	-.443	-.443	0	%100
81	MP1A	X	-.256	-.256	0	%100
82	MP1A	Z	-.443	-.443	0	%100
83	M76A	X	0	0	0	%100
84	M76A	Z	0	0	0	%100
85	MP2C	X	-.31	-.31	0	%100
86	MP2C	Z	-.536	-.536	0	%100
87	MP3C	X	-.256	-.256	0	%100
88	MP3C	Z	-.443	-.443	0	%100
89	MP4C	X	-.256	-.256	0	%100
90	MP4C	Z	-.443	-.443	0	%100
91	MP1C	X	-.256	-.256	0	%100
92	MP1C	Z	-.443	-.443	0	%100
93	M89	X	-.283	-.283	0	%100
94	M89	Z	-.49	-.49	0	%100
95	MP2B	X	-.31	-.31	0	%100
96	MP2B	Z	-.536	-.536	0	%100
97	MP3B	X	-.256	-.256	0	%100
98	MP3B	Z	-.443	-.443	0	%100
99	MP4B	X	-.256	-.256	0	%100
100	MP4B	Z	-.443	-.443	0	%100
101	MP1B	X	-.256	-.256	0	%100
102	MP1B	Z	-.443	-.443	0	%100
103	M95A	X	-.233	-.233	0	%100
104	M95A	Z	-.404	-.404	0	%100
105	M96A	X	-.232	-.232	0	%100
106	M96A	Z	-.402	-.402	0	%100
107	M101	X	-.232	-.232	0	%100
108	M101	Z	-.402	-.402	0	%100
109	M106	X	0	0	0	%100
110	M106	Z	0	0	0	%100
111	M117	X	-.258	-.258	0	%100
112	M117	Z	-.448	-.448	0	%100
113	M118	X	-.258	-.258	0	%100
114	M118	Z	-.448	-.448	0	%100
115	M119	X	0	0	0	%100
116	M119	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M123A	Y	-3.304	-4.167	0	.841
2	M123A	Y	-4.167	-7.257	.841	1.682
3	M123A	Y	-7.257	-8.861	1.682	2.523
4	M123A	Y	-8.861	-6.269	2.523	3.364
5	M123A	Y	-6.269	-3.195	3.364	4.205
6	M124A	Y	-3.335	-6.467	0	.841
7	M124A	Y	-6.467	-8.366	.841	1.682
8	M124A	Y	-8.366	-7.865	1.682	2.524
9	M124A	Y	-7.865	-5.134	2.524	3.365
10	M124A	Y	-5.134	-1.338	3.365	4.206
11	M78	Y	-3.312	-4.163	0	.841
12	M78	Y	-4.163	-7.248	.841	1.682
13	M78	Y	-7.248	-8.863	1.682	2.523
14	M78	Y	-8.863	-6.279	2.523	3.364
15	M78	Y	-6.279	-3.198	3.364	4.205
16	M79	Y	-3.335	-6.468	0	.841
17	M79	Y	-6.468	-8.359	.841	1.682
18	M79	Y	-8.359	-7.862	1.682	2.524
19	M79	Y	-7.862	-5.139	2.524	3.365
20	M79	Y	-5.139	-1.336	3.365	4.206
21	M145A	Y	-3.304	-4.167	0	.841
22	M145A	Y	-4.167	-7.257	.841	1.682
23	M145A	Y	-7.257	-8.861	1.682	2.523
24	M145A	Y	-8.861	-6.269	2.523	3.364
25	M145A	Y	-6.269	-3.195	3.364	4.205
26	M146A	Y	-3.335	-6.467	0	.841
27	M146A	Y	-6.467	-8.366	.841	1.682
28	M146A	Y	-8.366	-7.865	1.682	2.524
29	M146A	Y	-7.865	-5.134	2.524	3.365
30	M146A	Y	-5.134	-1.338	3.365	4.206

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	M123A	Y	-6.989	-8.814	0	.841
2	M123A	Y	-8.814	-15.351	.841	1.682
3	M123A	Y	-15.351	-18.745	1.682	2.523
4	M123A	Y	-18.745	-13.262	2.523	3.364
5	M123A	Y	-13.262	-6.758	3.364	4.205
6	M124A	Y	-7.055	-13.68	0	.841
7	M124A	Y	-13.68	-17.698	.841	1.682
8	M124A	Y	-17.698	-16.638	1.682	2.524
9	M124A	Y	-16.638	-10.859	2.524	3.365
10	M124A	Y	-10.859	-2.831	3.365	4.206
11	M78	Y	-7.006	-8.807	0	.841
12	M78	Y	-8.807	-15.333	.841	1.682
13	M78	Y	-15.333	-18.75	1.682	2.523
14	M78	Y	-18.75	-13.283	2.523	3.364
15	M78	Y	-13.283	-6.764	3.364	4.205
16	M79	Y	-7.054	-13.681	0	.841
17	M79	Y	-13.681	-17.682	.841	1.682
18	M79	Y	-17.682	-16.632	1.682	2.524

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
19	M79	Y	-16.632	-10.872	2.524	3.365
20	M79	Y	-10.872	-2.825	3.365	4.206
21	M145A	Y	-7.006	-8.807	0	.841
22	M145A	Y	-8.807	-15.333	.841	1.682
23	M145A	Y	-15.333	-18.75	1.682	2.523
24	M145A	Y	-18.75	-13.283	2.523	3.364
25	M145A	Y	-13.283	-6.764	3.364	4.205
26	M146A	Y	-7.054	-13.681	0	.841
27	M146A	Y	-13.681	-17.682	.841	1.682
28	M146A	Y	-17.682	-16.632	1.682	2.524
29	M146A	Y	-16.632	-10.872	2.524	3.365
30	M146A	Y	-10.872	-2.825	3.365	4.206

Member Area Loads (BLC 39 : Structure D)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N178A	N179A	N175A	N174A	Y	Two Way	-.005
2	N117	N122	N121	N116A	Y	Two Way	-.005
3	N203A	N202A	N206A	N207A	Y	Two Way	-.005

Member Area Loads (BLC 40 : Structure Di)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N178A	N179A	N175A	N174A	Y	Two Way	-.011
2	N117	N122	N121	N116A	Y	Two Way	-.011
3	N203A	N207A	N206A	N202A	Y	Two Way	-.011

Envelope Joint Reactions

	Joint		X [lb]	LC	Y [lb]	LC	Z [lb]	LC	MX [k-ft]	LC	MY [k-ft]	LC	MZ [k-ft]	LC
1	N112A	max	1183.433	10	2589.63	13	2312.432	1	5.274	13	1.934	4	.264	4
2		min	-1182.782	4	964.889	31	-2359.211	7	1.728	7	-1.938	10	-.105	10
3	N170A	max	2044.801	9	2306.59	21	1147.947	2	-.852	3	1.575	12	-1.535	49
4		min	-2086.55	3	945.914	3	-1120.365	8	-2.506	45	-1.575	6	-4.207	21
5	N198A	max	1818.907	11	2406.446	17	1442.788	12	-.963	11	1.761	8	4.318	17
6		min	-1776.904	5	956.085	11	-1419.8	6	-2.63	17	-1.756	2	1.563	11
7	Totals:	max	4990.447	10	7214.041	21	4833.886	1						
8		min	-4990.448	4	3229.023	3	-4833.889	7						

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

	Member	Shape	Code C...	Loc[ft]	LC	Shear ...	Loc[ft]	Dir	LC	phi*Pnc [lb]	phi*Pnt [lb]	phi*Mn y-...	phi*Mn z-...	Cb	Eqn
1	M72A	HSS4X4X4	.348	0	16	.085	0	y	16	124770.3...	139518	16.181	16.181	3....	H1-1b
2	M73	HSS4X4X3	.218	2.406	20	.075	2.406	y	21	104351.93	106812	12.662	12.662	1....	H1-1b
3	M74	HSS4X4X3	.210	0	13	.066	0	y	16	104351.93	106812	12.662	12.662	1....	H1-1b
4	M75	PL1/2X6	.390	.547	8	.179	0	y	12	62895.024	97200	1.012	12.15	1....	H1-1b
5	M78	L2x2x3	.227	4.205	2	.014	0	y	20	9648.337	23392.8	.558	1.08	1....	H2-1
6	M79	L2x2x3	.190	0	12	.016	0	y	24	9642.758	23392.8	.558	1.079	1....	H2-1
7	M84	PL3/8x6	.230	0	1	.225	0	y	17	71260.778	72900	.57	9.113	1....	H1-1b
8	M85	PL3/8x6	.242	.167	6	.374	0	y	13	71601.728	72900	.57	9.113	2....	H1-1b
9	M87A	PL1/2X6	.061	0	1	.035	.125	y	44	96648.928	97200	1.012	12.15	1....	H1-1b

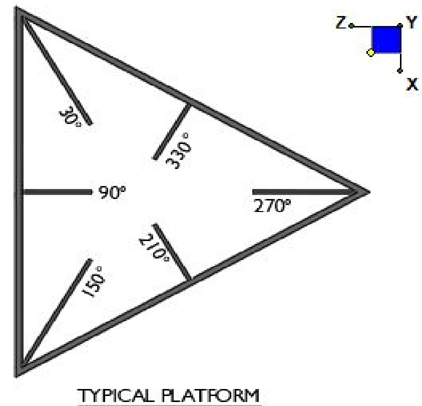
Envelope AISC 15th(360-16): LRFD Steel Code Checks (Continued)

	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
10	M89A	PL3/8x6	.163	0	1	.160	0	y	21	71260.778	72900	.57	9.113	1....	H1-1b
11	M90A	PL3/8x6	.310	.167	8	.392	0	y	24	71601.728	72900	.57	9.113	2....	H1-1b
12	M92	PL1/2X6	.058	.125	10	.043	0	y	24	96648.928	97200	1.012	12.15	1....	H1-1b
13	M117A	HSS4X4X4	.314	0	24	.080	0	y	42	124770.3...	139518	16.181	16.181	3....	H1-1b
14	M118A	HSS4X4X3	.211	2.406	15	.071	2.406	y	17	104351.93	106812	12.662	12.662	1....	H1-1b
15	M119A	HSS4X4X3	.203	0	15	.065	0	y	37	104351.93	106812	12.662	12.662	1....	H1-1b
16	M120A	PL1/2X6	.364	.547	4	.184	0	y	8	62895.024	97200	1.012	12.15	1....	H1-1b
17	M123A	L2x2x3	.212	4.205	10	.014	0	y	16	9648.337	23392.8	.558	1.08	1....	H2-1
18	M124A	L2x2x3	.198	0	8	.016	0	y	20	9642.758	23392.8	.558	1.079	1....	H2-1
19	M129A	PL3/8x6	.254	0	8	.221	0	y	15	71260.778	72900	.57	9.113	1....	H1-1b
20	M130A	PL3/8x6	.254	.167	2	.360	0	y	20	71601.728	72900	.57	9.113	2....	H1-1b
21	M132A	PL1/2X6	.065	0	9	.071	0	y	46	96648.928	97200	1.012	12.15	1....	H1-1b
22	M134A	PL3/8x6	.188	0	9	.157	0	y	41	71260.778	72900	.57	9.113	1....	H1-1b
23	M135A	PL3/8x6	.290	.167	4	.374	0	y	22	71601.728	72900	.57	9.113	2....	H1-1b
24	M137A	PL1/2X6	.056	0	9	.035	0	y	20	96648.928	97200	1.012	12.15	1....	H1-1b
25	M139A	HSS4X4X4	.336	0	20	.098	0	y	30	124770.3...	139518	16.181	16.181	3....	H1-1b
26	M140A	HSS4X4X3	.212	2.406	24	.073	2.406	y	13	104351.93	106812	12.662	12.662	1....	H1-1b
27	M141A	HSS4X4X3	.211	0	16	.066	0	y	21	104351.93	106812	12.662	12.662	1....	H1-1b
28	M142A	PL1/2X6	.376	.547	4	.193	0	y	4	62895.024	97200	1.012	12.15	1....	H1-1b
29	M145A	L2x2x3	.205	4.205	6	.014	0	y	24	9648.337	23392.8	.558	1.08	1....	H2-1
30	M146A	L2x2x3	.209	0	4	.016	0	y	16	9642.758	23392.8	.558	1.079	1....	H2-1
31	M151A	PL3/8x6	.271	0	4	.222	0	y	23	71260.778	72900	.57	9.113	1....	H1-1b
32	M152A	PL3/8x6	.271	.167	10	.377	0	y	16	71601.728	72900	.57	9.113	2....	H1-1b
33	M154A	PL1/2X6	.070	0	4	.042	.125	y	36	96648.928	97200	1.012	12.15	1....	H1-1b
34	M156A	PL3/8x6	.147	0	5	.154	0	y	13	71260.778	72900	.57	9.113	1....	H1-1b
35	M157A	PL3/8x6	.277	.167	12	.383	0	y	17	71601.728	72900	.57	9.113	2....	H1-1b
36	M159A	PL1/2X6	.048	.125	4	.088	0	y	49	96648.928	97200	1.012	12.15	1....	H1-1b
37	M161A	PIPE_3.0	.159	8.041	20	.056	4.906		16	26081.536	65205	5.749	5.749	1....	H1-1b
38	MP2A	PIPE_2.5	.251	3	12	.069	3		10	37773.818	50715	3.596	3.596	1....	H1-1b
39	MP3A	PIPE_2.0	.291	3	16	.067	1.938		18	20866.733	32130	1.872	1.872	1....	H1-1b
40	MP4A	PIPE_2.0	.209	3	16	.069	3		4	20866.733	32130	1.872	1.872	1....	H1-1b
41	MP1A	PIPE_2.0	.213	3	22	.071	3		10	20866.733	32130	1.872	1.872	1....	H1-1b
42	M76A	PIPE_3.0	.167	8.041	16	.060	11.993		3	26081.536	65205	5.749	5.749	1....	H1-1b
43	MP2C	PIPE_2.5	.266	3	9	.069	3		6	37773.818	50715	3.596	3.596	1....	H1-1b
44	MP3C	PIPE_2.0	.307	3	24	.072	1.938		14	20866.733	32130	1.872	1.872	1....	H1-1b
45	MP4C	PIPE_2.0	.229	3	23	.069	3		12	20866.733	32130	1.872	1.872	1....	H1-1b
46	MP1C	PIPE_2.0	.241	3	19	.071	3		6	20866.733	32130	1.872	1.872	1....	H1-1b
47	M89	PIPE_3.0	.166	8.041	24	.058	4.906		20	26081.536	65205	5.749	5.749	1....	H1-1b
48	MP2B	PIPE_2.5	.258	3	5	.070	3		2	37773.818	50715	3.596	3.596	1....	H1-1b
49	MP3B	PIPE_2.0	.287	3	20	.068	1.938		22	20866.733	32130	1.872	1.872	1....	H1-1b
50	MP4B	PIPE_2.0	.221	3	8	.074	3		8	20866.733	32130	1.872	1.872	1....	H1-1b
51	MP1B	PIPE_2.0	.228	3	2	.076	3		2	20866.733	32130	1.872	1.872	1....	H1-1b
52	M95A	PIPE_2.0	.120	3	11	.015	3		11	26521.424	32130	1.872	1.872	1....	H1-1b
53	M96A	PIPE_2.5	.138	4.089	14	.038	.954		11	13289.53	50715	3.596	3.596	2....	H1-1b
54	M101	PIPE_2.5	.135	4.089	22	.038	.954		7	13289.53	50715	3.596	3.596	2....	H1-1b
55	M106	PIPE_2.5	.145	4.089	18	.036	10.221		22	13289.53	50715	3.596	3.596	2....	H1-1b
56	M117	L3X3X4	.092	1.076	9	.034	0	z	49	45475.51	46656	1.688	3.756	1....	H2-1
57	M118	L3X3X4	.096	0	8	.034	1.076	z	9	45475.51	46656	1.688	3.756	1....	H2-1
58	M119	L3X3X4	.092	0	4	.031	.011	z	6	45475.51	46656	1.688	3.756	1....	H2-1

I. Mount-to-Tower Connection Check

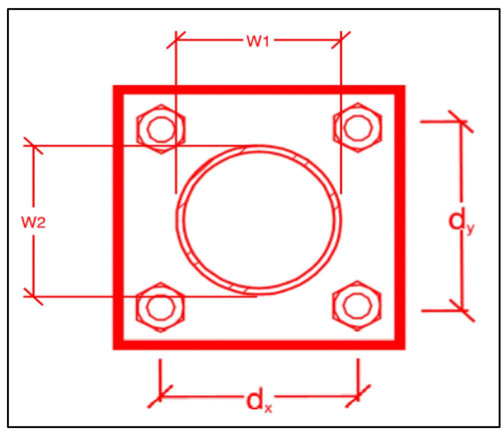
RISA Model Data

Nodes *(labeled per RISA)*	Orientation *(per graphic of typical platform)*
N170A	30
N112A	270
N198A	150



Tower Connection Bolt Checks

Any moment resistance?:	yes
Bolt Quantity per Reaction:	4
d_x (in) *(Delta X of typ. bolt config. sketch)* :	7
d_y (in) *(Delta Y of typ. bolt config. sketch)* :	7
Bolt Type:	A325N
Bolt Diameter (in):	0.5
Required Tensile Strength (kips):	18.6
Required Shear Strength (kips):	4.2
Tensile Strength / bolt (kips):	13.3
Shear Strength / bolt (kips):	8.0
Tensile Capacity Overall:	**35.1%***
Shear Capacity Overall:	**13.1%**



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

Tower Connection Plate and Weld Check

Connecting Standoff Member Shape:	Rect
Plate Width (in):	10
Plate Height (in):	10
W1 (in):	4
W2 (in):	4
Fy (ksi, plate):	36
t_{Plate} (in):	0.625
Weld Size (1/16 in):	3
Phi*Rn (kip/in):	4.18
Required Weld Strength (kip/in):	3.01
Plate Bending Capacity:	**46.1%**
Weld Capacity:	**72.0%**

Max Plate Bending Strengths

Mu_{xx} *(kip-in)* :	13.6
Phi*Mn_{xx} *(kip-in)* :	31.6
Mu_{yy} *(kip-in)* :	1.0
Phi*Mn_{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 48" long P2.0 STD pipe on the existing standoff horizontal member between Beta & Gamma sector for new OVP - connect to standoff using crossover plates (Site Pro 1 Part #: SQCX4-K or EOR approved equivalent)

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

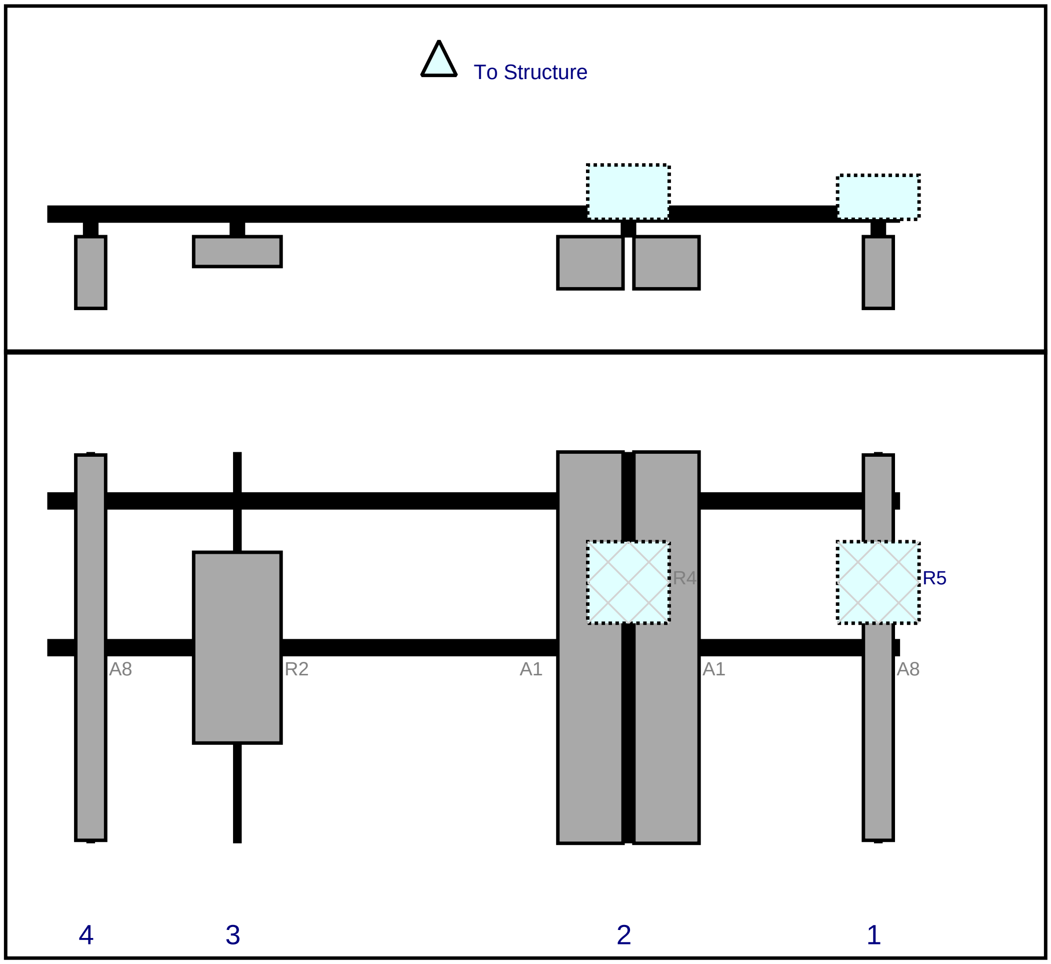
Sector: **A** 5/4/2021

Structure Type: Monopole

Mount Elev: 156.30

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
A8	LPA-80080-6CF	70.9	5.5	153	1	a	Front	36	0	Retained	02/24/2021
R5	B5/B13 RRH-BRO4C	15	15	153	1	a	Behind	24	0	Added	
A1	QS6656-5D	72	12	107	2	a	Front	36	7	Added	
A1	QS6656-5D	72	12	107	2	b	Front	36	-7	Added	
R4	B2/B66A RRH-BRO49	15	15	107	2	a	Behind	24	0	Added	
R2	MT6407-77A	35.1	16.1	35	3	a	Front	36	0	Added	
A8	LPA-80080-6CF	70.9	5.5	8	4	a	Front	36	0	Retained	02/24/2021

Structure: 468296-VZW - HARWINTON W CT

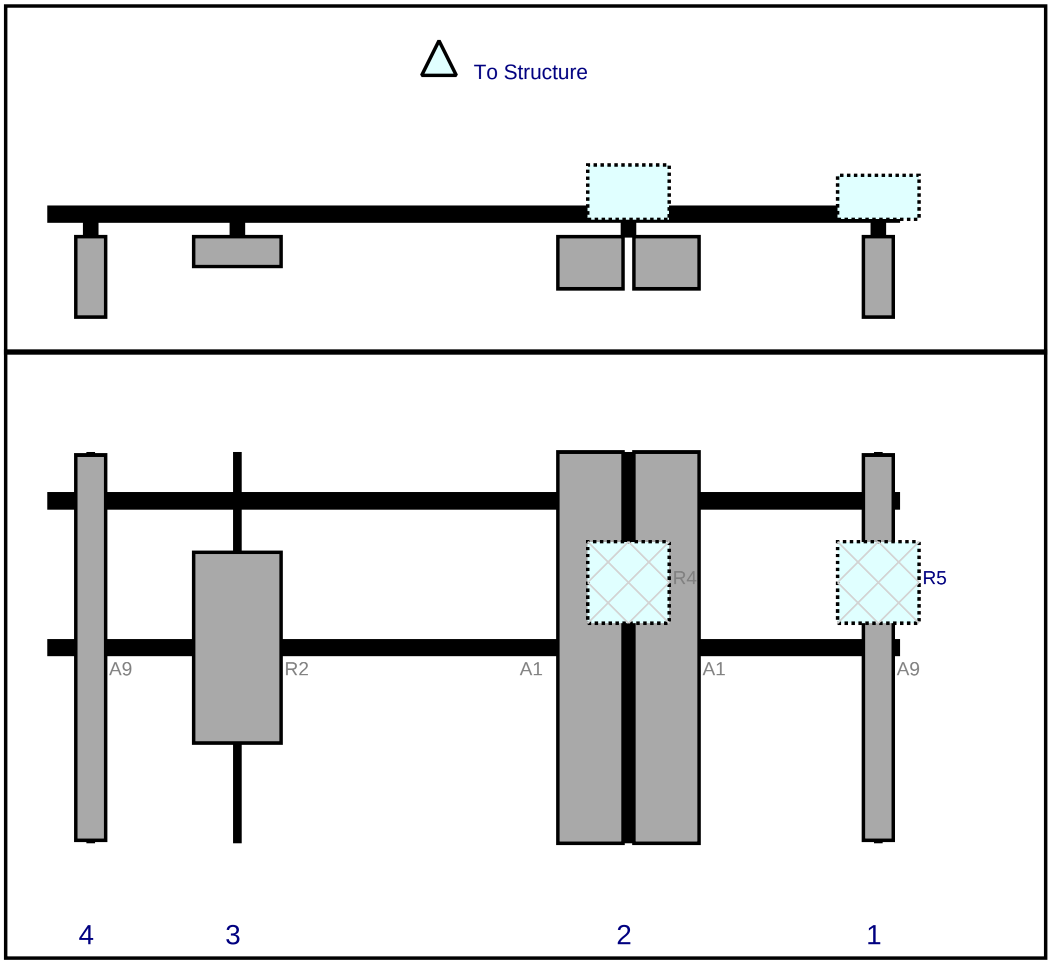
Sector: **B** 5/4/2021

Structure Type: Monopole

Mount Elev: 156.30 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
A9	LPA-80080-6CF-5	70.9	5.5	153	1	a	Front	36	0	Retained	02/24/2021
R5	B5/B13 RRH-BRO4C	15	15	153	1	a	Behind	24	0	Added	
A1	QS6656-5D	72	12	107	2	a	Front	36	7	Added	
A1	QS6656-5D	72	12	107	2	b	Front	36	-7	Added	
R4	B2/B66A RRH-BRO49	15	15	107	2	a	Behind	24	0	Added	
R2	MT6407-77A	35.1	16.1	35	3	a	Front	36	0	Added	
A9	LPA-80080-6CF-5	70.9	5.5	8	4	a	Front	36	0	Retained	02/24/2021

Structure: 468296-VZW - HARWINTON W CT

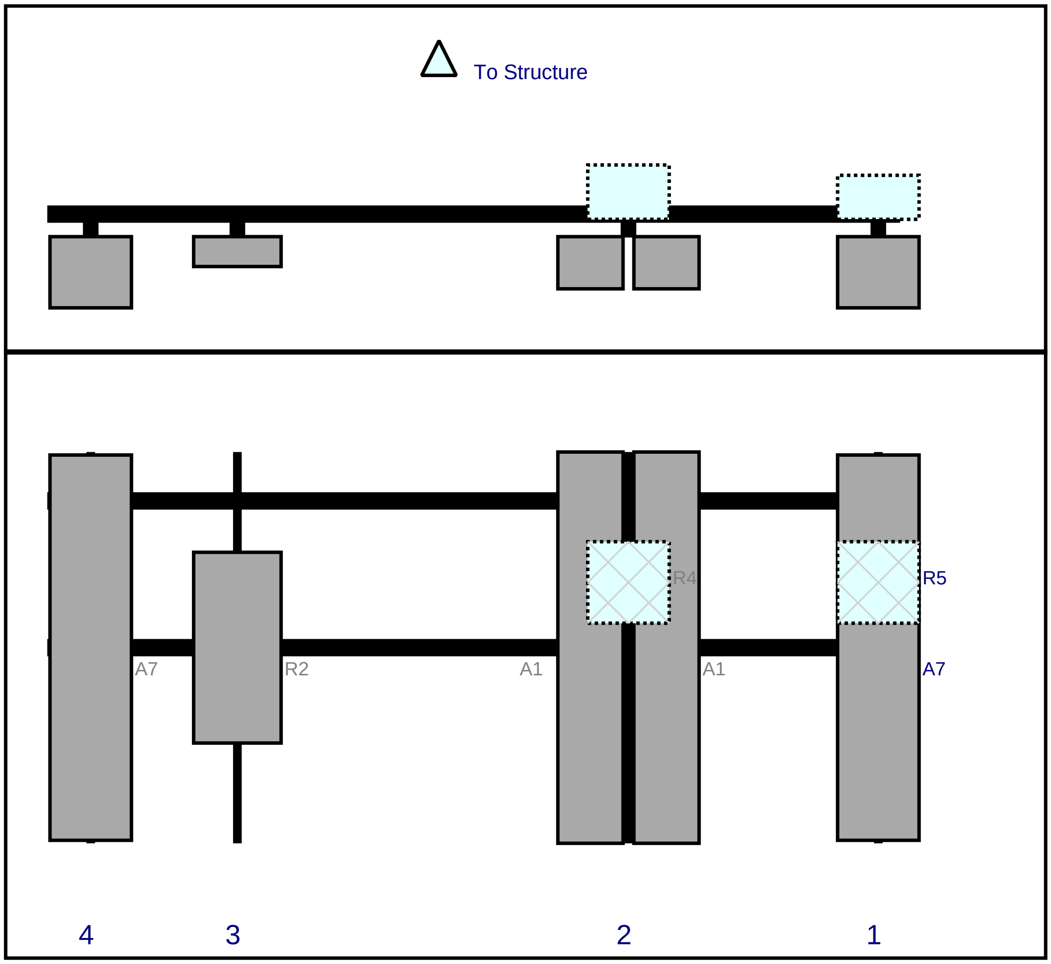
Sector: **C** 5/4/2021

Structure Type: Monopole

Mount Elev: 156.30 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
A7	LPA-80063-6CF 2	70.9	15	153	1	a	Front	36	0	Retained	02/24/2021
R5	B5/B13 RRH-BRO4C	15	15	153	1	a	Behind	24	0	Added	
A1	QS6656-5D	72	12	107	2	a	Front	36	7	Added	
A1	QS6656-5D	72	12	107	2	b	Front	36	-7	Added	
R4	B2/B66A RRH-BRO49	15	15	107	2	a	Behind	24	0	Added	
R2	MT6407-77A	35.1	16.1	35	3	a	Front	36	0	Added	
A7	LPA-80063-6CF 2	70.9	15	8	4	a	Front	36	0	Retained	02/24/2021

Maser Consulting Connecticut

Subject	TIA-222-H Usage
Site Information	Site ID: 468296-VZW / HARWINTON W CT Site Name: HARWINTON W CT Carrier Name: Verizon Wireless Address: 123 Campville Hill Rd Harwinton, Connecticut 06791 Litchfield County Latitude: 41.736678° Longitude: -73.097033°
Structure Information	Tower Type: Monopole Mount Type: 13.08-Ft Platform

To Whom It May Concern,

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

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

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

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

Sincerely,

Justin Linette, PE
Senior Technical Manager

Exhibit F

Power Density/RF Emissions Report

Site Name: ***HARWINTON 1 CT***
Cumulative Power Density

Operator	Operating Frequency	Number of Trans.	ERP Per Trans.	Total ERP	Distance to Target	Calculated Power Density
	(MHz)		**(watts)**	**(watts)**	**(feet)**	**(mW/cm^2)**
VZW 700	751	4	452	1807	170	0.0022
VZW CDMA	878.49	2	491	982	170	0.0012
VZW Cellular	874	4	452	1807	170	0.0022
VZW PCS	1975	4	1640	6559	170	0.0082
VZW AWS	2120	4	1883	7531	170	0.0094
VZW CBAND	3730.005	4	6531	26125	170	0.0325

Total Percentage of Maximum Permissible Exposure

*Guidelines adopted by the FCC on August 1, 1996, 47 CFR Part 1 based on NCRP Report 86, 1986 and generally on ANSI
**Calculation includes a -10 dB Off Beam Antenna Pattern Adjustment pursuant to Attachments B and C of the Siting Counci

MHz = Megahertz
mW/cm^2 = milliwatts per square centimeter
ERP = Effective Radiated Power

Absolute worst case maximum values used.

Maximum Permissible Exposure*	Fraction of MPE
(mW/cm^2)	(%)
0.5007	0.45%
0.5857	0.21%
0.5827	0.39%
1.0000	0.82%
1.0000	0.94%
1.0000	3.25%
	6.05%

/IEEE C95.1-1992

il's November 10, 2015 Memorandum for Exempt Modification filings

Exhibit G

Recipient Mailings

Click-N-Ship®

P

usps.com
9405 5036 9930 0446 3412 92 0155 0000 0010 6051
$15.50
US POSTAGE
MD Flat Rate Box

U.S. POSTAGE PAID
Click-N-Ship®

07/19/2021 Mailed from 01566

PRIORITY MAIL 2-DAY™

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

Expected Delivery Date: 07/22/21
Ref#: CR876376
0004

C006

SHIP TO:
LISA A MATTHEWS
CT SITING COUNCIL
10 FRANKLIN SQ
NEW BRITAIN CT 06051-2655

USPS TRACKING #

9405 5036 9930 0446 3412 92

Electronic Rate Approved #038555749

Cut on dotted line.

Instructions

1. **Each Click-N-Ship® label is unique. Labels are to be used as printed and used only once. DO NOT PHOTO COPY OR ALTER LABEL.**
2. **Place your label so it does not wrap around the edge of the package.**
3. **Adhere your label to the package. A self-adhesive label is recommended. If tape or glue is used, DO NOT TAPE OVER BARCODE. Be sure all edges are secure.**
4. **To mail your package with PC Postage®, you may schedule a Package Pickup online, hand to your letter carrier, take to a Post Office™, or drop in a USPS collection box.**
5. **Mail your package on the "Ship Date" you selected when creating this label.**

Click-N-Ship® Label Record

USPS TRACKING # :
9405 5036 9930 0446 3412 92

Trans. #:	538525229	Priority Mail® Postage:	**$15.50**
Print Date:	07/16/2021	Total:	**$15.50**
Ship Date:	07/19/2021		
Expected Delivery Date:	07/22/2021		

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

Ref#: CR876376

To: LISA A MATTHEWS
CT SITING COUNCIL
10 FRANKLIN SQ
NEW BRITAIN CT 06051-2655

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

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usps.com
9405 5036 9930 0451 5624 08 0155 0000 0010 6791
$15.50
US POSTAGE
MD Flat Rate Box

U.S. POSTAGE PAID
Click-N-Ship®

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PRIORITY MAIL 2-DAY™

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

Expected Delivery Date: 07/26/21
Ref#: CR876376
0004

R006

SHIP TO:
MICHAEL R CRISS
FIRST SELECTMAN- HARWINTON
100 BENTLEY DR
HARWINTON CT 06791-2200

USPS TRACKING #

9405 5036 9930 0451 5624 08

Electronic Rate Approved #038555749

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Instructions

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Click-N-Ship® Label Record

USPS TRACKING # :

9405 5036 9930 0451 5624 08

Trans. #:	538955113
Print Date:	07/21/2021
Ship Date:	07/23/2021
Expected Delivery Date:	07/26/2021

Priority Mail® Postage:	**$15.50**
Total:	**$15.50**

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

Ref#: CR876376

To: MICHAEL R CRISS
FIRST SELECTMAN- HARWINTON
100 BENTLEY DR
HARWINTON CT 06791-2200

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Tracking Number: 9405503699300451562408

Rem

Your item was delivered to an individual at the address at 12:55 pm on July 26, 2021 in HARWINTON, CT 06791.

USPS Tracking Plus™ Available

Status

Delivered, Left with Individual

July 26, 2021 at 12:55 pm
HARWINTON, CT 06791

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Tracking History

USPS Tracking Plus™

Product Information

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MD Flat Rate Box

9405 5036 9930 0451 5624 15 0155 0000 0010 6791

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PRIORITY MAIL 2-DAY™

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

Expected Delivery Date: 07/26/21
Ref#: CR-876376
0004

R006

SHIP TO:
JEFFREY NEUMANN
BUILDING OFFICIAL
100 BENTLEY DR
HARWINTON CT 06791-2200

USPS TRACKING #

9405 5036 9930 0451 5624 15

Electronic Rate Approved #038555749

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Click-N-Ship® Label Record

USPS TRACKING # :
9405 5036 9930 0451 5624 15

Trans. #:	538955113
Print Date:	07/21/2021
Ship Date:	07/23/2021
Expected Delivery Date:	07/26/2021

Priority Mail® Postage:	**$15.50**
Total:	**$15.50**

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

Ref#: CR-876376

To: JEFFREY NEUMANN
BUILDING OFFICIAL
100 BENTLEY DR
HARWINTON CT 06791-2200

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Rem

Tracking Number: 9405503699300451562415

Status

Delivered, Left with Individual

July 26, 2021 at 12:55 pm
HARWINTON, CT 06791

Your item was delivered to an individual at the address at 12:55 pm on July 26, 2021 in HARWINTON, CT 06791.

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Tracking History

USPS Tracking Plus™

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usps.com
9405 5036 9930 0451 5624 39 0155 0000 0010 6791
$15.50
US POSTAGE
MD Flat Rate Box

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Click-N-Ship®

07/23/2021 Mailed from 01566

P

PRIORITY MAIL 2-DAY™

Expected Delivery Date: 07/26/21
Ref#: CR876376

0004

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

B002

SHIP TO:
HARWINTON ROD AND GUN CLUB
PO BOX 181
HARWINTON CT 06791-0181

USPS TRACKING #

9405 5036 9930 0451 5624 39

Electronic Rate Approved #038555749

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Instructions

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5. **Mail your package on the "Ship Date" you selected when creating this label.**

Click-N-Ship® Label Record

USPS TRACKING # :

9405 5036 9930 0451 5624 39

Trans. #:	538955113	Priority Mail® Postage:	**$15.50**
Print Date:	07/21/2021	Total:	**$15.50**
Ship Date:	07/23/2021		
Expected Delivery Date:	07/26/2021		

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

Ref#: CR876376

To: HARWINTON ROD AND GUN CLUB
PO BOX 181
HARWINTON CT 06791-0181

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

Thank you for shipping with the United States Postal Service!
Check the status of your shipment on the USPS Tracking® page at usps.com

Remove

Tracking Number: 9405503699300451562439

Status

Available for Pickup

Your item arrived at the HARWINTON, CT 06791 post office at 9:35 am on July 24, 2021 and is ready for pickup.

July 24, 2021 at 9:35 am
HARWINTON, CT 06791

USPS Tracking Plus™ Available

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Available for Pickup

Text & Email Updates

Tracking History

USPS Tracking Plus™

Product Information

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