Robinson+Cole

KENNETH C. BALDWIN

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Also admitted in Massachusetts
and New York

November 1, 2021

Via Electronic Mail

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

Re: **Notice of Exempt Modification – Facility Modification**
35 Old Route 44, Eastford, Connecticut

Dear Attorney Bachman:

Cellco Partnership d/b/a Verizon Wireless ("Cellco") currently maintains an existing wireless telecommunications facility at the above-referenced property address (the "Property"). The facility consists of antennas and remote radio heads attached to a tower and related equipment on the ground, near the base of the tower. The tower was approved by the Town of Eastford ("Town") in March of 1998. Cellco's shared use of the tower was approved by the Council in December of 2000 (TS-VER-039-001117). A copy of Town's approval and the Council's TS-VER-039-001117 approval are included in Attachment 1.

Cellco now intends to modify its facility by removing nine (9) antennas and installing three (3) new Samsung MT6407-77A antennas and six (6) MX06FRO660-03 antennas on its existing antenna mounting structure. Cellco will also replace six (6) remote radio heads ("RRHs") with six (6) new RRHs behind its antennas. A set of project plans showing Cellco's proposed facility modifications and specifications for the new antennas and RRHs are included in Attachment 2.

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 Eastford's Chief Elected Official and Land Use Officer.

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 tower. Cellco's replacement antennas will be installed on Cellco's existing antenna mounts.

2. The proposed modifications will not involve any change to ground-mounted equipment and, therefore, 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 installation of Cellco's new antennas and RRHs will not increase radio frequency (RF) emissions at the facility to a level at or above the Federal Communications Commission (FCC) safety standard. A cumulative general power density table for Cellco's modified facility is included in Attachment 3. The modified facility will be capable of providing Cellco's 5G wireless service.

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

6. According to the attached Structural Analysis ("SA") and Mount Analysis ("MA"), the existing tower, tower foundation and antenna platform, with certain modifications, can support Cellco's proposed modifications. Copies of the SA and MA are included in Attachment 4.

A copy of the parcel map and Property owner information is included in Attachment 5. A Certificate of Mailing verifying that this filing was sent to municipal officials and the property owner is included in Attachment 6.

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

Sincerely,

Kenneth C. Baldwin

Enclosures
Copy to:
Jacqueline Dubois, Eastford First Selectman
Effie Vinal, Planning Commission Chair
Priscilla D. Armitage Revoc Trust
Karla Hanna

ATTACHMENT 1

TOWN OF EASTFORD

NO. 98-70

Date 3/8/98

APPLICATION FOR BUILDING PERMIT

Est. Value $ 22,500
Bldg. Permit Fee 161.00
Land Use
TOTAL FEE 161.00

A PERMIT MUST BE OBTAINED AND FEE PAID BEFORE BEGINNING WORK.

SEPARATE PERMITS ARE REQUIRED FOR PLUMBING · HEATING · ELECTRICAL

The undersigned hereby applies for permit to do work according to the following specifications, same to be in all respects in accordance with the laws and building regulations of the State of Connecticut, Basic Building Code, Local regulations and ordinances of the Town of Eastford, Connecticut. A final inspection is required before the building can be occupied or a Certificate of Use or Occupancy is issued.

APPLICATION MUST BE TYPED OR PRINTED

Owner Priscilla Armitage Street 35 Old Rt 44 Phone

Lot No. 5 House No. 35 Road Old Route 44

Owner of land Priscilla Armitage Address 35 Old Rt 44 Phone

Builder Address Phone

Architect Address Phone

Type of ~~building~~ TOWER FRED NUDD Size of ~~building~~ TOWER 180'

Floor area 1st floor N/A 2nd floor N/A Total

Type of heat: Hot Water ☐ Hot Air ☐ Steam ☐ Electric ☐ Wood ☐

Type of work: Original ☐ Alteration ☐ Addition ☐ Repair ☐ Demolish ☐

Approvals: Septic Perc ☐ Wetlands ☐ Driveway ☐ Fire Marshal ☐ Planning ☐

Signature Priscilla Armitage Building Official Alvin H Kilburn

Type		Foundations		Roof Type		Floor Const.				Tiling		Spec.	Size	Span
Single Fam.		Stone		Gable		Wood Joist				Bath Fl. & Wsct.		Joist		
Two Fam.		Concrete 4000 psi		Hip		Concrete				Bath Fl. & Walls		2nd Flr.		
Apt. House		Conc. Blocks		Gambrel						Bath Fl. only		Rafter		
Stores		Piers		Truss		Flooring	1	2	3	Toilet-Rooms		Girder		
Modular		Thickness		Flat		Hardwood				Ceramic		Column		
Office				Roof Pitch		Res. Tile				Other		Sill		
Factory		Construction				Rugs						Post		
Gas Sta.		Frame		Roofing		Plywood				Footing		Plate		
Com. Gar.		Brick		Asph. Sh.						Size		Stud		
Private Gar. Att.		Conc. Blocks		Wood Sh.						Stone				
Base. Gar.		Veneer		Built-up		Interior	1	2	3	Conc.				
Farm Building				Comp. Roll.		Plas.				Drains		Inspection		
		Exterior				Gyp. Bd.				Key-way		Footing		
No. of Rooms		Clpbd. or Wd. Shin.		Cellar		Ins. Bd.				Chimneys		Foundation		
No. of Bathrooms		Plain Bds. or Nov.8-DG		Whole		Wood				Size of Flues		Rough Framing		
Insulation		Vinyl		Part		Layout				Stone		Rough Electrical		
R-30 Ceiling		Alum.		None		Cond.				Brick		Rough Plumbing		
R-19 Walls		Conc. Blocks		Conc. Floor						Block		Heating		
		Br. Com. ☐ Face ☐		Dirt Floor						Factory Built		Insulation		
		Log								Steel		Chimneys		
										Fireplace		Final		

SWIMMING POOL — Above Ground ☐ In Ground ☐ Fence ☐ State Approved ☐

REMARKS:

THIS PERMIT EXPIRES ONE YEAR FROM DATE OF ISSUE

STATE OF CONNECTICUT

CONNECTICUT SITING COUNCIL

Ten Franklin Square
New Britain, Connecticut 06051
Phone: (860) 827-2935
Fax: (860) 827-2950

December 19, 2000

Sandy M. Carter
Verizon Wireless
20 Alexander Drive
P.O. Box 5029
Wallingford, CT 06492

RE: **TS-VER-039-001117** - Cellco Partnership d/b/a Verizon Wireless request for an order to approve tower sharing at an existing telecommunications facility located at 35 Old Route 44, Eastford, Connecticut.

Dear Ms. Carter:

At a public meeting held December 14, 2000, the Connecticut Siting Council (Council) ruled that the shared use of this existing tower site is technically, legally, environmentally, and economically feasible and meets public safety concerns, and therefore, in compliance with General Statutes § 16-50aa, the Council has ordered the shared use of this facility to avoid the unnecessary proliferation of tower structures. 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 may require an explicit request to this agency pursuant to General Statutes § 16-50aa or notice pursuant to Regulations of Connecticut State Agencies Section 16-50j-73, as applicable. Such request or notice shall include all relevant information regarding the proposed change with cumulative worst-case modeling of radio frequency exposure at the closest point 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.

This decision applies only to this request for tower sharing and is not applicable to any other request or construction.

The proposed shared use is to be implemented as specified in your letter dated November 16, 2000.

Thank you for your attention and cooperation.

Very truly yours,

Mortimer A. Gelston
Chairman

MAG/FOC/laf

c: Honorable Richard L. Woodward, First Selectman, Town of Eastford
Robert J. Francis, Cordless Data Transfer, Inc.
Ronald C. Clark, Nextel Communications
Julie M. Cashin, Esq., Hurwitz & Sagarin, LLC

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ATTACHMENT 2

verizon

WIRELESS COMMUNICATIONS FACILITY

EASTFORD CT
35 OLD ROUTE 44
EASTFORD, CT 06242

DRAWING INDEX

SITE DIRECTIONS

START: 20 ALEXANDER DRIVE
WALLINGFORD, CONNECTICUT 06492

END: 35 OLD ROUTE 44
EASTFORD, CT 06242

1.	HEAD SOUTH TOWARDS ALEXANDER DRIVE	279 FT
2.	SLIGHT RIGHT TOWARDS ALEXANDER DRIVE	289 FT
3.	TURN RIGHT TOWARDS ALEXANDER DRIVE	167 FT
4.	TURN RIGHT ONTO ALEXANDER DRIVE	0.3 MI
5.	TURN RIGHT ONTO BARNES INDUSTRIAL RD S.	0.1 MI
6.	TURN RIGHT ONTO CT-68 E	1.6 MI
7.	CONTINUE STRAIGHT TO STAY ON CT-68E	0.2 MI
8.	SHARP LEFT TO MERGE ONTO I-91 N TOWARD HARTFORD	0.3 MI
9.	MERGE ONTO I-91 N	20.5 MI
10.	TAKE EXIT 269 TO MERGE ONTO CT-15 N/US-5 N TOWARD I-84 E/ E HARTFORD/BOSTON	0.5 MI
11.	CONTINUE ONTO CT-15 N	0.8 FT
12.	USE THE LEFT 2 LANES TO MERGE ONTO I-84 E TOWARD BOSTON	19.7 MI
13.	TAKE EXIT 69 FOR CT-74 TOWARD U.S. 44/WILLINGTON/PUTNAM	0.3 MI
14.	TURN RIGHT ONTO CT-74 E	7.5 MI
15.	TURN LEFT ONTO US-44 E	6.3 MI
17.	TURN RIGHT ONTO OLD RTE 44 (DESTINATION WILL BE ON THE RIGHT)	0.3 MI

LOCATION MAP
SCALE : 1" = 500'-0"

SITE INFORMATION

VZ SITE NAME: EASTFORD CT
VZ PROJ FUZE I.D.: 16272163
VZ LOCATION CODE: 467962
VZ PROJECT CODE: 20212234346
LOCATION: 35 OLD ROUTE 44
EASTFORD, CT 06242

PROJECT SCOPE: REFER TO NOTES ON DRAWING C-1 FOR SCOPE OF WORK.

PARCEL ID: 039-20-26-5

ZONING DISTRICT: --

LATITUDE: 41° 52' 16.7" N (41.87130555° N)

LONGITUDE: 72° 03' 53.6" W (72.06488888° W)

SITE COORDINATES AND GROUND ELEVATION OBTAINED FROM GOOGLE EARTH.

GROUND ELEVATION: 761'± AMSL

PROPERTY OWNER: PISCILLA D ARMITAGE REVOC TRUST EST.
35 OLD KIMBALL ROAD
BROOKLYN, CT 06234

APPLICANT: CELLCO PARTNERSHIP
d/b/a VERIZON WIRELESS
20 ALEXANDER DRIVE
WALLINGFORD, CT 06492

LEGAL/REGULATORY COUNSEL: ROBINSON & COLE, LLP
KENNETH C. BALDWIN, ESQ.
280 TRUMBULL STREET
HARTFORD, CT 06103

ENGINEER CONTACT: ALL-POINTS TECHNOLOGY CORP., P.C.
567 VAUXHALL STREET EXTENSION - SUITE 311
WATERFORD, CT 06385
(860) 663-1697

VERIZON SMART TOOL PROJECT #: 10046611; 10068863

Cellco Partnership d/b/a
verizon
20 ALEXANDER DRIVE
WALLINGFORD, CT 06492

ALL-POINTS TECHNOLOGY CORPORATION
567 VAUXHALL STREET EXTENSION - SUITE 311
WATERFORD, CT 06385 PHONE: (860)-663-1697
WWW.ALLPOINTSTECH.COM FAX: (860)-663-0935

CONSTRUCTION DOCUMENTS

NO	DATE	REVISION
0	06/22/21	FOR REVIEW: JRM
1	07/26/21	REV PER NEW MOUNT NEW MOUNT MOD DESIGN: JRM
2	10/19/21	FOR FILING: JRM
3		
4		
5		

STATE OF CONNECTICUT
MICHAEL TRODDEN
33313
LICENSED
PROFESSIONAL ENGINEER

DESIGN PROFESSIONALS OF RECORD

PROF: MICHAEL S. TRODDEN P.E.
COMP: ALL-POINTS TECHNOLOGY CORPORATION, P.C.
ADD: 567 VAUXHALL STREET EXT. SUITE 311 WATERFORD, CT 06385

OWNER: PISCILLA D ARMITAGE REVOC TRUST EST.
ADDRESS: 35 OLD KIMBALL ROAD BROOKLYN, CT 06234

EASTFORD CT

SITE ADDRESS: 35 OLD ROUTE 44 EASTFORD, CT 06242

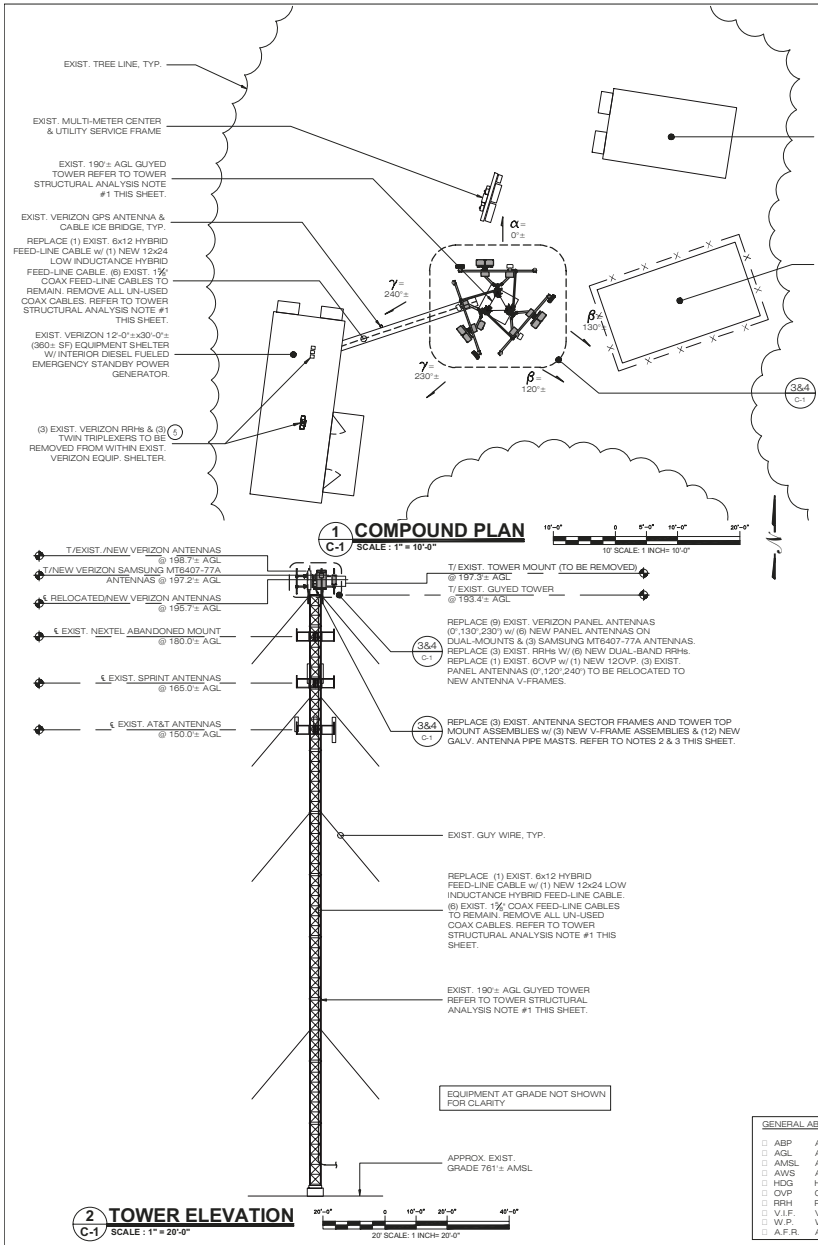
APT FILING NUMBER: CT141_12380

DRAWN BY: DRA
DATE: 06/22/21 **CHECKED BY:** JRM

VZ PROJECT CODE: 20212234346
VZ LOCATION CODE: 467962
VZ FUZE ID: 16272163

SHEET TITLE:
TITLE SHEET

SHEET NUMBER:
T-1

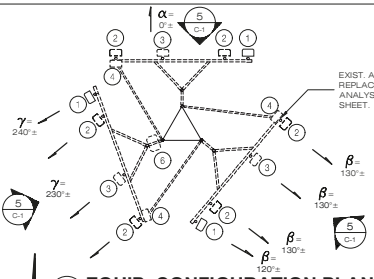


1 COMPOUND PLAN
C-1 SCALE : 1" = 10'-0"

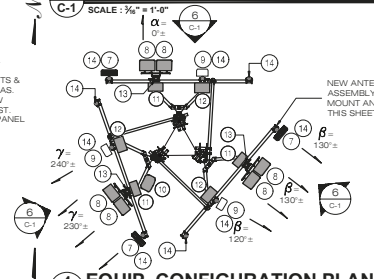
10' SCALE: 1 INCH= 10'-0"

2 TOWER ELEVATION
C-1 SCALE : 1" = 20'-0"

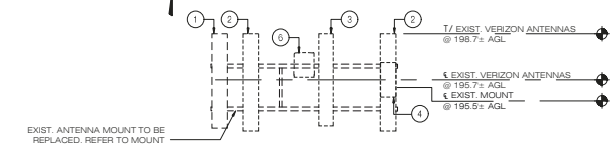
20' SCALE: 1 INCH= 20'-0"



3 EQUIP. CONFIGURATION PLAN (EXIST.)
C-1 SCALE : ⅜" = 1'-0"



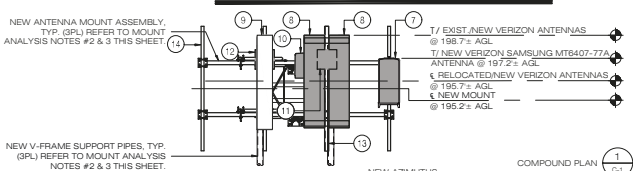
4 EQUIP. CONFIGURATION PLAN (NEW)
C-1 SCALE : ⅜" = 1'-0"



EXISTING ELEVATION (FRONT)

EXISTING AZIMUTHS
ALPHA: 0°
BETA: 120°/130°
GAMMA: 230°/240°

5 EQUIP. MOUNTING CONFIG. (EXIST.)
C-1 SCALE : ¾" = 1'-0"



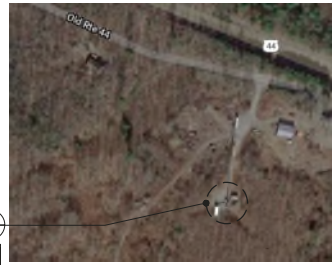
NEW ELEVATION (FRONT)

NEW AZIMUTHS
ALPHA: 0°
BETA: 120°/130°
GAMMA: 230°/240°

6 EQUIP. MOUNTING CONFIG. (NEW)
C-1 SCALE : ¾" = 1'-0"

NOTES:

1. REFER TO GUYED TOWER STRUCTURAL ANALYSIS REPORT PREPARED BY TOWER ENGINEERING PROFESSIONALS DATED 09/15/21, AVAILABLE UNDER SEPARATE COVER.
2. REFER TO MOUNT ANALYSIS REPORT PREPARED BY MASER CONSULTING, C.T., PROJECT #21777322A MARKED REV0, DATED 05/04/21 AVAILABLE UNDER SEPARATE COVER.
3. REFER TO REPLACEMENT ANTENNA MOUNT ANAYLSIS REPORT, PMI REQUIREMENTS & MOUNT MODIFICATION DRAWINGS. PREPARED BY MASER CONSULTING, C.T., PROJECT #21777322A REV1 DATED 07/23/21 & REV0 DATED 7/23/21. AVAILABLE UNDER SEPERATE COVER.
4. BASE MAPPING FROM FIELD MEASUREMENTS TAKEN BY ALL-POINTS TECH. CORP., P.C. ON 04/09/21.
5. PROJECT SCOPE INCLUDES THE FOLLOWING:
   - REPLACEMENT OF (9) EXIST. PANEL ANTENNAS w/ (6) NEW PANEL ANTENNAS MOUNTED ON NEW JMA DUAL MOUNT (P/N 91900314-2) & (3) NEW SAMSUNG MT6407-77A ANTENNAS.
   - RELOCATION OF (3) EXIST. PANEL ANTENNAS TO (3) NEW V-FRAME MOUNT ASSEMBLIES.
   - REPLACEMENT OF (3) EXIST. RRHs w/ (6) NEW DUAL-BAND RRHs.
   - REPLACEMENT OF (1) EXIST. 6OVP w/ (1) NEW 12OVP.
   - REMOVAL OF (3) EXIST. RRHs & (3) EXIST. TWIN TRIPLEXERS FROM WITHIN EXIST. VERIZON EQUIP. SHELTER.
   - REPLACEMENT OF (3) EXIST. VERIZON SECTOR FRAMES w/ (3) NEW V-FRAME ASSEMBLIES & (12) NEW PIPE MASTS. REFER TO 4&6C-1, & NOTES 2 & 3 ABOVE.
   - REPLACEMENT OF (1) 6x12 EXIST. HYBRID FEED-LINE CABLE w/ (1) NEW 12x24 LOW INDUCTANCE HYBRID FEED-LINE CABLE.
   - REMOVAL OF ALL UN-USED COAXIAL CABLE FEED-LINES.
6. ALL EXPOSED STEEL AND HARDWARE TO BE HOT DIP GALV. (HDG). PAINT TO MATCH EXIST. (WHERE APPLICABLE)
7. CAP & WEATHERPROOF ALL UN-USED CABLE ENTRY PORTS (WHERE APPLICABLE).
8. MOUNT & GROUND ALL NEW EQUIPMENT IN ACCORDANCE WITH NEC (NFPA-70), NESC AND MANUFACTURERS SPECIFICATION.
9. SECURE ALL NEW ANTENNA CABLES PER MANUFACTURER RECOMMENDATIONS.
10. BOND NEW ANTENNA MOUNTING PIPES TO ANTENNA SECTOR GROUND BAR w/ # 2 AWG, BCW, (WHERE APPLICABLE).
11. CONTRACTOR SHALL INSTALL NEW SIDE-BY-SIDE & DUAL-MOUNT BRACKETS PER ANTENNA MOUNT MANUFACTURER RECOMMENDATIONS, INCLUDING VERIFICATION OF MINIMUM PIPE MAST DIAMETER REQUIRED TO INSTALL NEW MOUNT BRACKETS. CONTRACTOR SHALL NOTIFY ENGINEER OF RECORD SHOULD EXIST. PIPE MASTS REQUIRE REPLACEMENT TO SUPPORT THE NEW MOUNT BRACKETS.
12. ANTENNA CONFIGURATIONS SHOWN HEREIN ARE FRONT ELEVATIONS.
13. ANTENNA SPACING DIMENSIONS ARE TO THE CENTER OF THE EXIST. ANTENNA AND PROP. ANTENNA FACE.
14. REFER TO THE FINAL RFDS PROVIDED BY VERIZON FOR THE LATEST INFORMATION REGARDING EQUIPMENT MODELS, REQUIRED CABLING & DOWN-TILT INFORMATION.
15. COORDINATE ALL LSUB6 COLOR MATCHING (WHERE APPLICABLE) W/ LSUB6 MANUFACTURER INSTALLATION REQUIREMENTS, VERIZON CONSTRUCTION MANAGER & OWNER.
16. PAINT ALL NEW NON SAMSUNG MT6407-77A ANTENNAS & APPURTENANCES TO MATCH EXIST. STRUCTURE (WHERE APPLICABLE) COORDINATE W/ VERIZON CONSTRUCTION MANAGER & BUILDING OWNER.



COMPOUND PLAN 1 C-1

LOCATION PLAN
SCALE: 1" = 200'

GENERAL ABBREVIATION LIST:

☐	ABP	ABOVE BASE PLATE
☐	AGL	ABOVE GROUND LEVEL
☐	AMSL	ABOVE MEAN SEA LEVEL
☐	AWS	ADVANCED WIRELESS SERVICE
☐	HDG	HOT DIP GALVANIZED
☐	OVP	OVER VOLTAGE PROTECTION
☐	RRH	REMOTE RADIO HEAD
☐	V.I.F.	VERIFY IN FIELD
☐	W.P.	WORK POINT
☐	A.F.R.	ABOVE FINISH ROOF

SCOPE OF WORK (ALL) SECTORS

1. EXIST. ANTENNA (TO BE RELOCATED) MODEL: ANDREW LNX-8513DS-A1M
2. EXIST. ANTENNA (TO BE REPLACED) MODEL: ANDREW HBXX-6517DS-A2M
3. EXIST. ANTENNA (TO BE REPLACED) MODEL: ANTEL BXA-70063-6CF
4. EXIST. RRH (TO BE REPLACED) MODEL: NOKIA B66a RRH 4x45 AWS
5. (3) EXIST. RRHs & (3) EXIST. TWIN TRIPLEXERS (TO BE REMOVED FROM WITHIN EXIST. EQUIP. SHELTER) MODEL: NOKIA B13 4x30W LTE RRH
6. EXIST. 6OVP (TO BE REPLACED) MODEL: RAYCAP RxxDC3315-PF-48 (V.I.F.)
7. NEW ANTENNA MODEL: SAMSUNG MT6407-77A
8. NEW ANTENNA MODEL: JMA MX06FRO660-03 MOUNTED ON NEW JMA DUAL MOUNT (P/N 91900314-2)
9. RELOCATED ANTENNA MODEL: ANDREW LNX-8513DS-A1M
10. NEW 12OVP MODEL: RAYCAP RVZDC-6627-PF-48
11. NEW DUAL BAND RRH MODEL: SAMSUNG B13/B5 RRH-BR04C (RFV01U-D2A)
12. NEW DUAL BAND RRH MODEL: SAMSUNG B66/B2A RRH-BR049 (RFV01U-D1A)
13. NEW P2.5 STD. (O.D. 2.875') x 8' LG. GALV. ANTENNA PIPE MAST.
14. NEW P2.0 STD. (O.D. 2.375') x 8' LG. GALV. ANTENNA PIPE MAST.

Cellco Partnership d/b/a
verizon
20 ALEXANDER DRIVE
WALLINGFORD, CT 06492

ALL-POINTS TECHNOLOGY CORPORATION
567 VAUXHALL STREET EXTENSION - SUITE 311
WATERFORD, CT 06385 PHONE: (860)-663-1697
WWW.ALLPOINTSTECH.COM FAX: (860)-663-0935

CONSTRUCTION DOCUMENTS

NO	DATE	REVISION
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1	07/26/21	REV PER NEW MOUNT NEW MOUNT MOD DESIGN: JRM
2	10/19/21	FOR FILING: JRM
3		
4		
5		

STATE OF CONNECTICUT · MICHAEL TRODDEN · 33313 · LICENSED PROFESSIONAL ENGINEER

DESIGN PROFESSIONALS OF RECORD

PROF: MICHAEL S. TRODDEN P.E.
COMP: ALL-POINTS TECHNOLOGY CORPORATION, P.C.
ADD: 567 VAUXHALL STREET EXT. SUITE 311 WATERFORD, CT 06385

OWNER: PISCILLA D ARMITAGE REVOC TRUST EST.
ADDRESS: 35 OLD KIMBALL ROAD BROOKLYN, CT 06234

EASTFORD CT

SITE ADDRESS: 35 OLD ROUTE 44 EASTFORD, CT 06242

APT FILING NUMBER: CT141_12380

DRAWN BY: DRA
DATE: 06/22/21
CHECKED BY: JRM

VZ PROJECT CODE: 20212234346
VZ LOCATION CODE: 467962
VZ FUZE ID: 16272163

SHEET TITLE:
COMPOUND PLAN, TOWER ELEVATION, EQUIP. CONFIGURATION PLANS & ELEVATIONS

SHEET NUMBER:
C-1

EQUIPMENT DATA

EQUIPMENT SPECIFICATIONS

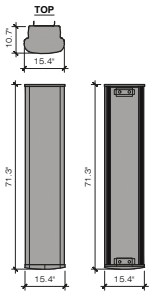
SECTOR	ANTENNA MAKE/MODEL	QTY	AZIMUTH	EQUIPMENT STATUS	HEIGHT (IN)	WIDTH (IN)	DEPTH (IN)	WEIGHT (LBS)
ALPHA	SAMSUNG MT6407-77A	1	0°	NEW	35.1 (5)	16.1 (5)	5.5 (5)	87.1 (2)(5)
	700/850/1900/2100: JMA MX06FRO660-03	1	0°	NEW	71.3	15.4	10.7	60.0 (2)
	700/850/1900/2100: JMA MX06FRO660-03	1	0°	NEW	71.3	15.4	10.7	60.0 (2)
	850: ANDREW LNX-8513DS-A1M	1	0°	ERL	72.7	11.9	7.1	39.2 (2)
BETA	SAMSUNG MT6407-77A	1	130°	NEW	35.1 (5)	16.1 (5)	5.5 (5)	87.1 (2)(5)
	700/850/1900/2100: JMA MX06FRO660-03	1	130°	NEW	71.3	15.4	10.7	60.0 (2)
	700/850/1900/2100: JMA MX06FRO660-03	1	130°	NEW	71.3	15.4	10.7	60.0 (2)
	850: ANDREW LNX-8513DS-A1M	1	120°	ERL	72.7	11.9	7.1	39.2 (2)
GAMMA	SAMSUNG MT6407-77A	1	230°	NEW	35.1 (5)	16.1 (5)	5.5 (5)	87.1 (2)(5)
	700/850/1900/2100: JMA MX06FRO660-03	1	230°	NEW	71.3	15.4	10.7	60.0 (2)
	700/850/1900/2100: JMA MX06FRO660-03	1	230°	NEW	71.3	15.4	10.7	60.0 (2)
	850: ANDREW LNX-8513DS-A1M	1	240°	ERL	72.7	11.9	7.1	39.2 (2)
	APPURTENANCE MAKE/MODEL							
	SAMSUNG B2/B66A RRH-BR049 (RFV01U-D1A)	3	-	NEW	14.9	14.9	10.04	97.5
	SAMSUNG B5/B13 RRH-BR04C (RFV01U-D2A)	3	-	NEW	14.9	14.9	8.14	82.0
	RAYCAP RVZDC-6627-PF-48	1	-	NEW	29.5	16.5	12.6	32.0

(1) 'ETR' DENOTES EXIST. TO REMAIN, 'ERL' DENOTES EXIST. TO BE RELOCATED
(2) WEIGHT WITHOUT MOUNTING BRACKET.
(3) ANTENNA DATA BASED ON RFDS REV2 DATED 06/18/21
(4) EQUIPMENT CONFIGURATION AS VIEWED FROM BEHIND.
(5) NOT TO EXCEED

BILL OF MATERIALS

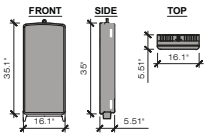
		QUANTITY	LENGTH	COMMENTS
1	700/850/1900/2100	6		(JMA MX06FRO660-03) MOUNTED W/ NEW JMA DUAL MOUNT (P/N 91900314-2) & NEW PIPE MAST
2	SAMSUNG MT6407-77A	3		MOUNTED TO NEW PIPE MAST
3	1/2" JUMPER CABLE	36	15 FT	ROUTE FROM RRH TO ANTENNAS & FROM DIPLEXERS
4	ANTENNA LINK CABLES	6	15 M	ROUTE FROM UPPER OVP TO ANTENNAS
5	ANTENNA POWER CABLES	3	15 M	PROPRIETARY POWER CABLE FROM UPPER OVP TO ANTENNAS
6	AWS/PCS RRH	3		SAMSUNG B2/B66 RRH-BR049 (RFV01U-D1A) MOUNTED TO EXIST. PIPE MAST
7	700/850 RRH	3		SAMSUNG B5/B13 RRH-BR04C (RFV01U-D2A) MOUNTED TO EXIST. PIPE MAST
8	RRH CABLES	6	15M	PROPRIETARY POWER & FIBER CABLES
9	UPPER 12OVP	1		(RVZDC-6627-PF-48)
10	HYBRID CABLE	1	250'± FT	12x24 LOW INDUCTANCE HYBRID CABLE

NOTES:
1. INFORMATION SHOWN HEREON IS FOR USE BY VERIZON EQUIPMENT OPERATIONS.
2. INFORMATION IS BASED ON RFDS REV2 DATED 06/18/21.
3. * DENOTES EQUIPMENT DESIGNATED "FOR LEASING ONLY" (WHERE APPLICABLE)
4. INSTALL ALARM BOARDS AT ALL OVPs WHERE REQUIRED. COORDINATE w/ VERIZON EQUIPMENT ENGINEERING.
5. INSTALL UP-CONVERTER(S) LOCATED AT BASE OVPs WHERE REQUIRED. COORDINATE w/ VERIZON EQUIPMENT ENGINEERING AS NECESSARY.
6. COORDINATE ANTENNA CABLING REQUIREMENTS WITH VERIZON ENGINEERING.
7. CONTRACTOR SHALL INSTALL NEW SIDE-BY-SIDE & DUAL-MOUNT BRACKETS PER ANTENNA MOUNT MANUFACTURER RECOMMENDATIONS, INCLUDING VERIFICATION OF MINIMUM PIPE MAST DIAMETER REQUIRED TO INSTALL NEW MOUNT BRACKETS. CONTRACTOR SHALL NOTIFY ENGINEER OF RECORD SHOULD EXIST. PIPE MAST REQUIRE REPLACEMENT TO SUPPORT THE NEW MOUNT BRACKETS.



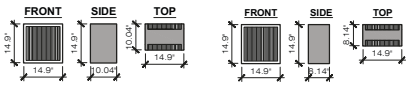
JMA MX06FRO660-03
X-POL ANTENNA
HxWxD=71.3"x15.4"x10.7" (60.0 Lbs)

2 NEW ANTENNA DETAIL
B-1 SCALE : ½" = 1'-0"



SAMSUNG MT6407-77A ANTENNA
HxWxD=35.1"x16.1"x5.51"
WT=87.1 Lbs
(NOT TO EXCEED)

3 NEW ANTENNA DETAIL
B-1 SCALE : ½" = 1'-0"

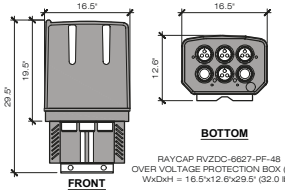


SAMSUNG DUAL HIGH BAND B2/B66A
RRH-BR049 (RFV01U-D1A)
RRH PCS/AWS
REMOTE RADIO HEAD (RRH)
WxDxH=14.9"x14.9"x10.04" (97.5 Lbs)

SAMSUNG DUAL LOW BAND B5/B13
RRH-BR04C (RFV01 U-D2A)
RRH 850/700
REMOTE RADIO HEAD (RRH)
WxDxH=14.9"x14.9"x8.14" (82.0 Lbs)

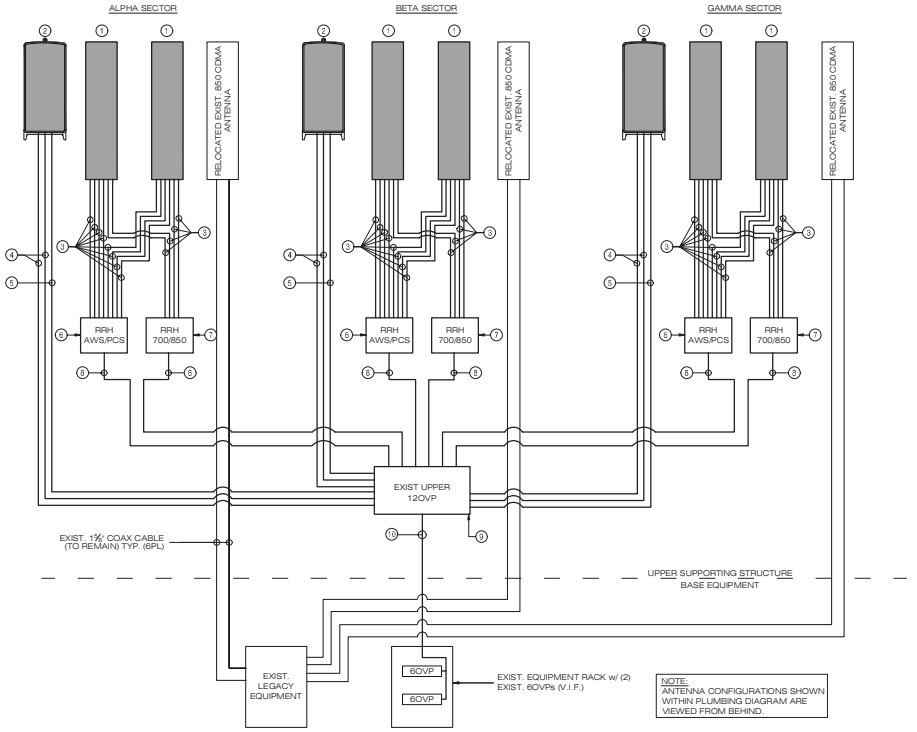
NOTE: WEIGHTS INCLUDE SOLAR SHEILD & MOUNTING BRACKET

4 RRH EQUIPMENT DETAILS
B-1 SCALE : ½" = 1'-0"



RAYCAP RVZDC-6627-PF-48
OVER VOLTAGE PROTECTION BOX (OVP)
WxDxH = 16.5"x12.6"x29.5" (32.0 lbs)

5 OVER VOLTAGE PROTECTION BOX (OVP)
B-1 SCALE : 1" = 1'-0"



1 PLUMBING DIAGRAM
B-1 SCALE : ½" = 1'-0"

Cellco Partnership d/b/a
verizon
20 ALEXANDER DRIVE
WALLINGFORD, CT 06492

ALL-POINTS TECHNOLOGY CORPORATION
567 VAUXHALL STREET EXTENSION - SUITE 311
WATERFORD, CT 06385 PHONE: (860)-663-1697
WWW.ALLPOINTSTECH.COM FAX: (860)-663-0935

CONSTRUCTION DOCUMENTS

NO	DATE	REVISION
0	06/22/21	FOR REVIEW: JRM
1	07/26/21	REV PER NEW MOUNT NEW MOUNT MOD DESIGN: JRM
2	10/19/21	FOR FILING: JRM
3		
4		
5		

STATE OF CONNECTICUT
MICHAEL TRODDEN
33313
LICENSED
PROFESSIONAL ENGINEER

DESIGN PROFESSIONALS OF RECORD

PROF: MICHAEL S. TRODDEN P.E.
COMP: ALL-POINTS TECHNOLOGY CORPORATION, P.C.
ADD: 567 VAUXHALL STREET EXT. SUITE 311 WATERFORD, CT 06385

OWNER: PISCILLA D ARMITAGE REVOC TRUST EST.
ADDRESS: 35 OLD KIMBALL ROAD BROOKLYN, CT 06234

EASTFORD CT

SITE ADDRESS: 35 OLD ROUTE 44 EASTFORD, CT 06242

APT FILING NUMBER: CT141_12380

DRAWN BY: DRA
DATE: 06/22/21 CHECKED BY: JRM

VZ PROJECT CODE: 20212234346
VZ LOCATION CODE: 467962
VZ FUZE ID: 16272163

SHEET TITLE:
RF BILL OF MATERIALS, MECHANICAL SPECIFICATIONS & EQUIPMENT DETAILS

SHEET NUMBER:
B-1

DESIGN BASIS:

GOVERNING CODES/DESIGN STANDARDS:

2015 INTERNATIONAL BUILDING CODE (IBC) AS AMENDED BY THE 2018 CONNECTICUT STATE BUILDING CODE
ASCE 7-10
TIA-222-G (TOWER)

01 GENERAL:

ABBREVIATIONS USED IN THESE SPECIFICATIONS INCLUDE THE FOLLOWING:

ACI	AMERICAN CONCRETE INSTITUTE
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE
AWS	AMERICAN WELDING SOCIETY
AISC	AMERICAN INSTITUTE OF STEEL CONSTRUCTION
ASCE	AMERICAN SOCIETY OF CIVIL ENGINEERS
ASTM	AMERICAN STANDARDS AND TESTING METHODS
CRSI	CONCRETE REINFORCING STEEL INSTITUTE
ICC-ES	INTERNATIONAL CODE COUNCIL EVALUATION SERVICE
TIA	TELECOMMUNICATIONS INDUSTRY ASSOCIATION
UL	UNDERWRITERS LABORATORIES
NEC	NATIONAL ELECTRICAL CODE
NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
OSHA	OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION

EVERY INDIVIDUAL TRADE, DISCIPLINE, AND CONTRACTOR SHALL INCLUDE THESE GENERAL SPECIFICATIONS.

THE ENGINEER IS NOT RESPONSIBLE FOR NOR A GUARANTOR OF THE INSTALLING CONTRACTORS WORK, ADEQUACY OF ANY SITE COMPONENT, SUPERVISION OF ANY WORK, AND SAFETY IN, ON, OR ABOUT THE WORK SITE.

ANY REFERENCE HEREIN TO AN OR EQUAL ITEM, THAT EQUAL ITEM SHALL BE PRE-APPROVED BY THE CONSTRUCTION MANAGER BEFORE INSTALLATION

ALL TRADES SHALL COORDINATE THEIR WORK WITH ALL OTHER TRADES AND OTHER WORK AND CONDITIONS AS APPROPRIATE OR REQUIRED TO AVOID CONFLICTS. RESOLVE AND COORDINATE ALL CONFLICTS WITH ALL AFFECTED WORK AND SITE OPERATIONS. COORDINATION WITH THE SITE SHALL BE WITH THE OWNER, OR OWNER'S SPECIFIED REPRESENTATIVE, FOR EVERYTHING RELATED TO THE INSTALLATION OF THIS PROJECT.

ALL WORK SHALL BE IN STRICT ACCORDANCE WITH ALL APPLICABLE EDITIONS OF ALL APPLICABLE CODES AND SHALL BE ACCEPTABLE TO ALL AUTHORITIES HAVING JURISDICTION (AHJ). WHERE A CONFLICT EXISTS BETWEEN CODES, PLANS, SPECIFICATIONS, AND/OR AHJ, THE MORE STRINGENT AUTHORITY SHALL APPLY. WHERE CONFLICT EXISTS BETWEEN PLANS AND SPECIFICATIONS, PLAN SHALL APPLY. WHERE CONFLICT EXISTS BETWEEN PLAN SHEETS, CONSTRUCTION MANAGER SHALL BE CONSULTED PRIOR TO COMMENCING ANY WORK.

CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS, INSURANCE, EQUIPMENT, INSTALLATION, CONSTRUCTION TOOLS, TRANSPORTATION, ETC., FOR A COMPLETE AND PROPERLY OPERATIVE AND USABLE SYSTEM THROUGHOUT AND AS INDICATED ON THE DRAWINGS AND AS SPECIFIED HEREIN AND/OR OTHERWISE REQUIRED.

CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS, INSTALLATIONS, AND EQUIPMENT IN THE FIELD PRIOR TO BID, FABRICATION, AND INSTALLATION OF ANY WORK.

CONTRACTORS SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO FABRICATION AND ERECTION OF ANY MATERIAL. THE ENGINEER SHALL BE NOTIFIED FOR INSPECTIONS PRIOR TO CLOSING PENETRATIONS AND OF ANY CONDITIONS WHICH PRECLUDE COMPLETION OF THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.

CONTRACTOR SHALL VISIT THE SITE TO MANAGE AND GAIN APPROVAL FOR ALL TENANT DISRUPTIONS, POWER OUTAGES, WORK SCHEDULES, DEFINITION OF WORK AREA AND WORK STORAGE, NEWER BUILDING/SITE ACCESS, NOISE AND CLEANLINESS REQUIREMENTS WITH THE BUILDING/SITE MANAGEMENT PRIOR TO ALL WORK. ANY DISRUPTIONS SHALL BE KEPT TO A MINIMUM AND SHALL BE IMPLEMENTED ONLY UPON WRITTEN APPROVAL OF THE OWNER.

THE CONTRACTOR SHALL SAFEGUARD AGAINST CREATING ANY HAZARD AFFECTING TENANT EGRESS OR COMPROMISING SITE SECURITY MEASURES.

PRIOR TO ALL BELOW-GRADE WORK AND ANY SURFACE WORK IN A NEW AREA FOR STRUCTURES OR VEHICLES, CONTRACTOR SHALL ENGAGE A MARKOUT SERVICE TO IDENTIFY ANY UNDERGROUND STRUCTURES, CONDUITS, AND PIPELINES IN THE AREA. ALL EXISTING SEWER, WATER, GAS, ELECTRIC, FIBER OPTIC, AND OTHER UNDERGROUND UTILITIES IDENTIFIED OR ENCOUNTERED, SHALL BE PROTECTED AT ALL TIMES. EXTREME CAUTION SHOULD BE USED BY THE CONTRACTOR WHEN DIGGING OR EXCAVATING IN ANY MANNER AROUND OR NEAR SUCH UTILITIES. CONTRACTOR IS RESPONSIBLE FOR REPAIRS, REPLACEMENT, AND ALL DAMAGES DUE TO DAMAGE OF UTILITIES BY HIS OPERATIONS.

ALL EXISTING AND NEW EQUIPMENT AND MATERIAL LOCATIONS, ROUTING, ORIENTATION, MOUNTING, SPECIFICATIONS AND GENERAL INSTALLED CHARACTERISTICS SHALL BE CONSIDERED DIAGRAMMATIC ON THE PLANS. EXACT CONDITIONS SHALL BE DETERMINED IN THE FIELD PRIOR TO ANY INSTALLATION. ANY DIFFERENCES THAT MAY CAUSE SCHEDULE, COST, OR QUALITY SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER OR ENGINEER PRIOR TO ANY WORK.

ALL REFERENCES HEREIN TO VERIFICATION OF ANY CONDITION OF SITE, FIELD, PLANS, OR SPECIFICATIONS PRIOR TO ANY WORK SHALL BE THE FULL RESPONSIBILITY OF THE CONTRACTOR. ANY AND ALL ADDITIONS, MODIFICATIONS, CHANGES, REPAIR, OR DEMOLITION AS A RESULT OF FAILURE TO BRING ANY EXISTING CONDITION PROPERLY TO THE ATTENTION OF THE OWNER OR ENGINEER SHALL BE THE FULL RESPONSIBILITY OF THE CONTRACTOR WITHOUT DELAY, COST, OR CHANGES IN QUALITY.

ALL NOTES THIS SHEET SHALL APPLY UNLESS SPECIFICALLY NOTED OTHERWISE ON THE INCLUDED DRAWINGS OR IN SEPARATE PROJECT SPECIFICATIONS AS APPLICABLE. ALL SPECIFICATIONS SHALL BE CONSIDERED REQUIRED UNLESS APPROVED EQUAL BY THE OWNER, CONSTRUCTION MANAGER, OR ENGINEER AS APPLICABLE.

THE WORDS "PROVIDE" OR "INSTALL" SHALL MEAN FURNISH AND INSTALL.

CONTRACTOR SHALL PROVIDE ALL CUTTING AND PATCHING AS REQUIRED FOR THE INSTALLATION OF HIS WORK. ANY PATCHING SHALL MATCH EXISTING SURROUNDING AREA IN ALL RESPECTS. ALL REMOVED MATERIAL SHALL BE REMOVED FROM THE PREMISES DAILY IN AN APPROVED SAFE MANNER.

ALL SURPLUS MATERIAL SHALL BE REMOVED FROM THE SITE PROMPTLY WHEN DEEMED TO BE SURPLUS.

EVERY CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF HIS WORK AND NEWLY INSTALLED OR EXISTING WORK, INCLUDING PROTECTION OF THE SITE, ALL STRUCTURES, AND ALL OCCUPANTS. FURNISH, INSTALL, MAINTAIN, AND REMOVE AS APPROPRIATE, ALL APPROPRIATE BARRIERS, SAFETY GUARDS, SIGNAGE, AND SECURITY AS REQUIRED.

EVERY CONTRACTOR SHALL BE RESPONSIBLE FOR THEIR RESPECTIVE FEES, PERMITS, INSPECTIONS, TESTING, CERTIFICATES, AND ALL MANAGEMENT OF SAME REQUIRED FOR COMPLETION OF AND LEGAL OCCUPANCY OF THE FINISHED PROJECT.

ALL CONTRACTORS SHALL PROVIDE ALL NECESSARY TOOLS, FIXTURES, SERVICES, MATERIALS, JOB AIDS, AND PERSONNEL REQUIRED FOR THE EXECUTION OF THEIR WORK.

EACH CONTRACTOR SHALL GUARANTEE ALL MATERIALS AND WORKMANSHIP BY THEM TO BE FREE OF DEFECTS AND MAINTAINED FOR A PERIOD OF ONE YEAR AFTER ACCEPTANCE OF THE INSTALLATION BY THE OWNER AND ENGINEER.

ALL WORK SHALL BE PERFORMED BY LICENSED CONTRACTORS IN THE TRADE HAVING JURISDICTION.

ANY DEVIATION, MODIFICATION, ADDITION, OR CHANGE IN DESIGN SHALL NOT BE MADE WITHOUT WRITTEN APPROVAL OF THE OWNER OR ENGINEER.

ALL CONTRACTORS SHALL SUBMIT SHOP DRAWINGS OF ALL EQUIPMENT AND MATERIALS TO THE ENGINEER FOR APPROVAL PRIOR TO FABRICATION AND INSTALLATION, AND SHALL NOT PROCEED UNTIL ENGINEER APPROVAL IN WRITING IS RETURNED. EACH CONTRACTOR SHALL MAINTAIN ON JOB SITE A COMPLETE SET OF SHOP DRAWINGS WITH ANY DEVIATIONS FROM THE ORIGINAL DESIGN SHALL BE NOTED.

ALL MATERIALS AND EQUIPMENT SHALL BE NEW, WITHOUT BLEMISH OR DEFECT, AND SUITABLE AND LISTED FOR THE INSTALLATION AND SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS OR SPECIFICATIONS. ALL ITEMS OF EQUIPMENT OR MATERIAL THAT ARE OF ONE GENERIC TYPE SHALL BE ONE MANUFACTURER THROUGHOUT.

ALL MATERIALS, EQUIPMENT, TOOLS, AND ITEMS UNDER THE CONTRACTOR'S RESPONSIBILITY ON THE JOBSITE SHALL BE ADEQUATELY SECURED, MAINTAINED, AND PROTECTED, SO AS NOT TO BECOME DAMAGED OR CREATE ANY HAZARD TO PERSONNEL OR PROPERTY.

THE CONTRACTORS HOURS OF WORK SHALL BE IN ACCORDANCE WITH LOCAL CODES AND ORDINANCES AND BE APPROVED BY THE OWNER.

CONTRACTOR SHALL PROVIDE SAFETY TRAINING FOR ALL OF HIS CREW AND INSURE THAT EVERY CREW MEMBER FOLLOWS SAVE WORK PRACTICES. SAFETY TRAINING SHALL INCLUDE, BUT NOT BE LIMITED TO, FALL PROTECTION, CONFINED SPACE ENTRY, ELECTRICAL SAFETY, AND TRENCHING/EXCAVATION SAFETY WHERE SUCH WORK IS EXECUTED OR ENCOUNTERED.

ALL TEMPORARY WORK REQUIRED OR SPECIFIED AS A PART OF THIS WORK, SHALL MEET ALL OF THE SAME REQUIREMENTS AS PERMANENT INSTALLATIONS, SHALL MEET ALL APPLICABLE CODE REQUIREMENTS, AND SHALL BE COMPLETELY REMOVED AFTER ITS PURPOSES HAVE BEEN SERVED.

ANY EXISTING UTILITY, SERVICE, STRUCTURE, EQUIPMENT, OR FIXTURE OBSTRUCTING THE WORK SHALL BE REMOVED AND/OR RELOCATED AS DIRECTED BY THE CONSTRUCTION MANAGER.

IF ASBESTOS IS ENCOUNTERED DURING WORK EXECUTION, CONTRACTOR SHALL IMMEDIATELY NOTIFY THE CONSTRUCTION MANAGER AND CEASE ALL ACTIVITIES IN AFFECTED AREAS UNTIL NOTIFIED BY THE CONSTRUCTION TO RESUME OPERATIONS.

EXIST. ELECTRICAL AND MECHANICAL FIXTURES, PIPING, WIRING AND EQUIPMENT OBSTRUCTING THE WORK SHALL BE REMOVED AND/OR RELOCATED AS DIRECTED BY THE CONSTRUCTION MANAGER. TEMPORARY SERVICE INTERRUPTIONS MUST BE COORDINATED WITH OWNER.

05 STEEL:

THESE SPECIFICATIONS SHALL INCLUDE THE GENERAL SPECIFICATIONS HEREIN.

MATERIALS:

WIDE FLANGE	ASTM A992, GR 50
TUBING	ASTM A500, GR B
PIPE	ASTM A53, GR B
BOLTS	ASTM A325
GRATING	TYPE GW-2 (1-1/4"x3/16" BARS)
EXISTING METALS	ASTM A36

PROVIDE CERTIFICATION THAT WELDERS TO BE USED IN WORK ARE LICENSED AND HAVE SATISFACTORILY PASSED AWS QUALIFICATION TEST UNDER THE PROVISIONS OF APPENDIX D, PARTS II AND III OF THE AWS CODE FOR WELDING IN BUILDING CONSTRUCTION.

ALL BUILDING CONNECTION POINTS TO BE CENTERED ON EXISTING STRUCTURAL BEARING POINTS AND THE LOCATIONS ARE TO BE VERIFIED IN FIELD PRIOR TO THE FABRICATION OF STEEL.

DESIGN AND CONSTRUCTION OF STRUCTURAL STEEL SHALL CONFORM TO THE LATEST EDITION OF AISC SPECIFICATION FOR *"THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS"*.

NON-STRUCTURAL CONNECTIONS FOR STEEL GRATING MAY USE 5/8" DIAMETER GALVANIZED ASTM A 307 BOLTS UNLESS OTHERWISE NOTED.

ALL STEEL MATERIAL SHALL BE GALVANIZED AFTER FABRICATION IN ACCORDANCE WITH ASTM A123 "ZINC (HOT-DIPPED GALVANIZED) COATINGS" ON IRON AND STEEL PRODUCTS WITH A COATING WEIGHT OF 2 OZ/SF.

ALL BOLTS, ANCHORS AND MISCELLANEOUS HARDWARE EXPOSED TO WEATHER SHALL BE GALVANIZED IN ACCORDANCE WITH ASTM A153 "ZINC COATING (HOT-DIP) ON IRON AND STEEL HARDWARE."

DAMAGED GALVANIZED SURFACES SHALL BE REPAIRED BY TOUCHING UP ALL DAMAGED GALVANIZED STEEL WITH COLD ZINC, "GALVANOX", "DRY GALV", OR "ZINC IT", IN ACCORDANCE WITH MANUFACTURERS GUIDELINES. TOUCH UP DAMAGED NON-GALVANIZED STEEL WITH SAME PAINT APPLIED IN SHOP OR FIELD.

THE ENGINEER SHALL BE NOTIFIED OF ANY INCORRECTLY FABRICATED, DAMAGED OR OTHERWISE MISFITTING OR NONCONFORMING MATERIALS OR CONDITIONS TO REMEDIAL OR CORRECTIVE ACTION. ANY SUCH ACTION SHALL REQUIRE ENGINEER REVIEW. FIELD CUTTING OF STRUCTURAL STEEL IS NOT PERMITTED EXCEPT WITH THE PRIOR APPROVAL OF THE ENGINEER.

CONTRACTOR TO REMOVE AND RE-INSTALL ALL FIRE PROOFING AS REQUIRED DURING CONSTRUCTION.

THE STEEL STRUCTURE SHALL BE DESIGNED TO BE SELF-SUPPORTING AND STABLE AFTER COMPLETION. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO DETERMINE ERECTION PROCEDURE AND SEQUENCE AND TO INSURE THE SAFETY OF THE BUILDING AND ITS COMPONENT PARTS DURING ERECTION.

ALL STEEL ELEMENTS SHALL BE INSTALLED PLUMB AND LEVEL.

TOWER MANUFACTURER'S DESIGNS SHALL PREVAIL FOR TOWER.

CONNECTIONS SHALL BE DESIGNED BY THE FABRICATOR AND CONSTRUCTED IN ACCORDANCE WITH THE LATEST EDITION OF THE AISC *"MANUAL OF STEEL CONSTRUCTION"*. CONNECTIONS SHALL BE PROVIDED TO CONFORM TO THE REQUIREMENTS OF TYPE 2 CONSTRUCTION.

STRUCTURAL CONNECTION BOLTS SHALL CONFORM TO ASTM A325. ALL BOLTS SHALL BE MINIMUM 3/4" DIAMETER AND EACH CONNECTION SHALL HAVE MINIMUM TWO BOLTS. LOCK WASHERS ARE NOT PERMITTED FOR A325 STEEL ASSEMBLIES. IF TENSION CONTROL BOLTS ARE USED, CONNECTIONS SHALL BE DESIGNED FOR SLIP CRITICAL BOLT ALLOWABLE LOAD VALUES.

DESIGN CONNECTIONS AT BEAM ENDS FOR 10 KIPS (MIN).

ALL U-BOLTED CONNECTIONS SHALL BE COMPLETED WITH DOUBLE NUTS OR A LOCK WASHER.

CONTRACTOR SHALL COMPLY WITH AWS CODE FOR PROCEDURES, APPEARANCE AND QUALITY OF WELDS, AND WELDING PROCESSES SHALL BE QUALIFIED IN ACCORDANCE WITH AWS *"STANDARD QUALIFICATION PROCEDURES"*. ALL WELDING SHALL BE PERFORMED USING E70XX ELECTRODES AND SHALL CONFORM TO AISC AND D1.1. WHERE FILLET WELD SIZES ARE NOT SHOWN, PROVIDE THE LARGER OF 1/4" FILLET OR MINIMUM SIZE PER TABLE J2.4 IN THE AISC *"MANUAL OF STEEL CONSTRUCTION"*. AT THE COMPLETION OF WELDING, ALL DAMAGE TO GALVANIZED COATING SHALL BE REPAIRED. SEE NOTE REGARDING DAMAGED GALVANIZED SURFACES.

ALL ARC AND GAS WELDING SHALL BE DONE BY A LICENSED AND CERTIFIED WELDER IN ACCORDANCE WITH AWS.

SEAL ALL PENETRATIONS AND SEAMS BETWEEN MASONRY AND STEEL WITH DOW CORNING 790 SILICONE BUILDING SEALANT OR EQUAL.

26 ELECTRICAL:

THESE SPECIFICATIONS SHALL INCLUDE THE GENERAL SPECIFICATIONS HEREIN.

ALL ELECTRICAL CONDUCTORS:

- INSULATION SHALL BE MINIMUM 600V TYPE THHN, THWN-2, OR XHHW.
- BRANCH CIRCUIT CONDUCTORS SHALL BE SOFT DRAWN 98% MINIMUM CONDUCTIVITY PROPERLY REFINED COPPER.
- FEEDER CIRCUIT CONDUCTORS SHALL BE EITHER COPPER OR ALUMINUM OF THE APPROPRIATE SIZE FOR THE APPLICATION, OR AS SPECIFICALLY NOTED.
- PERMANENTLY LABEL OR TAG ALL CONDUCTORS WITH THEIR CIRCUIT DESIGNATION AT ALL TERMINATION ENDS, SPLICES, AND VISIBLE AS PASS-THROUGH IN ALL ENCLOSURES.

ALL CONDUIT, RACEWAY, WIREWAYS, DUCTS, ETC. SHALL BE LISTED AND SUITABLE FOR THE APPLICATION. ONLY THE FOLLOWING CONDUITS AS APPROVED AND LISTED FOR THE APPLICATION SHALL BE ACCEPTABLE:

- ELECTRICAL METALLIC TUBING (EMT).
- COMPRESSION COUPLINGS AND CONNECTORS ONLY MADE UP WRENCH TIGHT.
- FLEXIBLE METAL CONDUIT (FMC) AND LIQUIDTIGHT FLEXIBLE METAL CONDUIT (LFMC).
- FINAL CONNECTIONS TO VIBRATING OR ADJUSTABLE EQUIPMENT INCLUDING, BUT NOT LIMITED TO, LIGHT FIXTURES, HVAC UNITS, TRANSFORMERS, MOTORS, ETC. OR WHERE EQUIPMENT IS PLACED UPON SLAB ON-GRADE.
- RIGID GALVANIZED STEEL (RGS).
- ALL FITTINGS, CONNECTORS, AND COUPLINGS SHALL BE THREADED MADE UP WRENCH TIGHT.
- RIGID POLYVINYL CHLORIDE (PVC) SCHEDULE 40 OR SCHEDULE 80.
- MAY BE USED FOR SERVICES, EXTERIOR, BELOW GRADE, AND WET LOCATIONS.
- SHALL NOT BE USED IN CONCRETE SLABS NOR EXPOSED WITHIN A BUILDING OR STRUCTURE.
- METAL-CLAD CABLE (MC)
- CONCEALED INSTALLATIONS ONLY.
- WITHIN A DUCT WITH SMOOTH OR CORRUGATED METAL JACKET AND NO OUTER COVERING OVER THE METAL JACKET.

IN FINISHED SPACES, ALL CONDUITS SHALL BE CONCEALED EXCEPT TO MAKE A FINAL CONNECTION TO EQUIPMENT NOT MOUNTED IN OR AGAINST FINISH MATERIAL.

ALL FEEDER AND BRANCH CIRCUITS SHALL HAVE A SEPARATE PROPERLY SIZED AND MARKED GROUNDING CONDUCTOR, PER APPLICABLE CODES, THAT BONDS ALL ENCLOSURES, BOXES, ETC. CONDUIT SHALL NOT BE USED AS A GROUNDING OR BONDING CONDUCTOR.

IF EXISTING ELECTRIC SERVICE IS TO REMAIN, CONTRACTOR SHALL BE VERIFY THAT IT MEETS PROJECT REQUIREMENTS WITHOUT MODIFICATION. IF IT IS TO BE ADDED OR REPLACED AS A PART OF THIS WORK, CONTRACTOR SHALL ORDER FROM, COORDINATE WITH, AND GAIN APPROVAL FROM THE ELECTRICAL UTILITY. ALL ELECTRICAL EQUIPMENT SHALL BE AS SPECIFIED AND AS APPROVED BY THE LOCAL UTILITY WHERE APPLICABLE.

ALL EQUIPMENT, ENCLOSURES, ETC. SHALL BE SUITABLE FOR THE INSTALLED ENVIRONMENT, MINIMUM NEMA 3R FOR ALL EXTERIOR INSTALLATIONS.

WIRING DEVICES SHALL BE SPECIFICATION GRADE AND WIRING DEVICE COVER PLATES SHALL BE PLASTIC WITH ENGRAVING AS SPECIFIED. COLOR SHALL BE IVORY. ALL DEVICES AND COVER PLATES SHALL BE OF THE SAME MANUFACTURER.

ALL FIRE-RATED PENETRATIONS SHALL BE SEALED USING A SUITABLE AND LISTED FIRE SEALING DEVICE OR GROUT THAT WILL MAINTAIN THE FIRE RATING OF THE STRUCTURE PENETRATED.

PROVIDE PERMANENTLY AFFIXED ENGRAVED NAMEPLATES FOR ALL CODE REQUIRED LABELING AND ON ALL PANELS, METERING, DISCONNECTS, AND ELECTRICAL EQUIPMENT THAT IDENTIFIES EQUIPMENT SERVED, ELECTRICAL SOURCE WITH CIRCUIT IDENTIFICATION, AND VOLTAGES WITHIN.

ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR ALL FINAL TERMINATIONS TO ALL EQUIPMENT.

ALL ELECTRICAL APPURTENANCES THAT ARE DISCONNECTED SHALL BE COMPLETELY REMOVED WITH EXISTING STRUCTURES TO REMAIN, REPAIRED, FINISHED, FILLED, PAINTED, ETC. ALL PANEL SCHEDULES, EQUIPMENT LABELING, AND CODE-REQUIRED LABELING, SHALL BE VERIFIED AND PROPERLY COMPLETED TO MATCH THE INSTALLATION.

26 GROUNDING:

THESE SPECIFICATIONS SHALL INCLUDE THE GENERAL SPECIFICATIONS HEREIN.

GROUND ALL SYSTEMS AND EQUIPMENT IN ACCORDANCE WITH BEST INDUSTRY PRACTICE, THE REQUIREMENTS OF THE NFPA 70 NATIONAL ELECTRICAL CODE (NEC), AND ALL OTHER APPLICABLE CODES AND REGULATIONS.

ALL GROUNDING ELECTRODES PRESENT AT EACH SERVICE LOCATION SHALL BE BONDED TOGETHER TO FORM THE GROUNDING ELECTRODE SYSTEM.

ALL EQUIPMENT ENCLOSURES, DEVICES, AND CONDUITS SHALL BE GROUNDED BY THE INSTALLATION OF A SEPARATE GROUNDING CONDUCTOR FOR ALL FEEDER AND BRANCH CIRCUITS THAT IS SIZED PER CODE OR IS OF THE SIZE INDICATED ON THE DRAWINGS, SHALL BE CONTINUOUS IN LENGTH, AND SHALL BE BONDED TO EACH ENCLOSURE PASSED THROUGH. CONDUIT SHALL NOT BE USED AS A GROUNDING OR BONDING WIRE OR CIRCUIT.

BOND ALL METALLIC CONDUITS TOGETHER THAT ARE CONNECTED TO NON-METALLIC ENCLOSURES, IN-GROUND BOXES, AND TO AN ENCLOSURE WHERE A GROUND BUS IS SPECIFIED OR SUPPLIED. ACCOMPLISH THIS BOND WITH GROUNDING CONDUCTORS MINIMUM SIZED TO THE LARGEST GROUNDING CONDUCTOR PRESENT IN THE ENCLOSURE CONNECTED TO A GROUNDING TYPE BUSHING EQUALLY SIZED OR MAXIMUM GROUND WIRE ACCOMMODATION AVAILABLE IN STANDARD MANUFACTURE FOR THE CONDUIT SIZE, WHICHEVER IS LESS.

EQUIPMENT GROUNDING AND LOAD SIDE BONDING CONDUCTORS SHALL BE SIZED PER THE CIRCUIT'S OVER-CURRENT PROTECTIVE DEVICE (OCPD) SIZE. WHERE THE UNGROUNDED CONDUCTORS ARE INCREASED IN SIZE ABOVE THE STANDARD FOR THE CIRCUIT'S OCPD, INCREASE THE GROUNDING CONDUCTOR PROPORTIONATELY TO THE CROSS-SECTIONAL AREA OF THE UNGROUNDED CONDUCTORS.

SERVICE MAIN BONDING JUMPERS AND GROUNDING ELECTRODE CONDUCTORS SHALL BE SIZED AND INSTALLED PER THE MINIMUM OF ALL APPLICABLE CODES AND REGULATIONS.

26 LIGHTNING PROTECTION:

THESE SPECIFICATIONS SHALL INCLUDE THE GENERAL SPECIFICATIONS AND THE GROUNDING SPECIFICATIONS HEREIN.

THE LIGHTNING PROTECTION GROUNDING SYSTEM (LPGS) SHALL CONSIST OF BONDING ALL EQUIPMENT AND CONDUCTIVE STRUCTURES TO LOCALIZED SINGLE-POINT GROUNDING CONNECTIONS (TYPICALLY GROUND BARS) WHICH ARE BONDED TOGETHER AND TO AN IN-GROUND SYSTEM. IF THE LPGS IS ON A BUILDING, IT SHALL BE EFFECTIVELY BONDED TO THE ELECTRICAL SERVICE MAIN BONDING JUMPER AND TO ADDITIONAL IN-GROUND ELECTRODES AS MAY BE REQUIRED OR INDICATED. IF THE LPGS IS ON A DEDICATED COMMUNICATION SITE, ALL EQUIPMENT AREAS AND TOWERS SHALL EACH HAVE THEIR OWN IN-GROUND RING WITH EVERY RING BONDED TOGETHER, AND ALL CONDUCTIVE STRUCTURES IN CLOSE PROXIMITY (FENCES, ICE BRIDGES, ISOLATED EQUIPMENT, ETC.) ALSO BONDED TO PROVIDE A COMMON ELECTRICAL EQUIPOTENTIAL SYSTEM FOR ALL CONDUCTIVE ELEMENTS AND STRUCTURES.

CONDUCTORS:

- MIN #2 AWG SOLID BARE TINNED COPPER (SBTC) FOR ALL IN-GROUND CONDUCTORS.
- MIN #2 AWG COPPER GREEN STRANDED FOR BONDING STRUCTURES, AND FOR INTER-SYSTEM BONDING OF INDIVIDUAL ELEMENTS SUCH AS GROUND BAR TO GROUND BAR.
- MIN #6 AWG COPPER GREEN STRANDED OR ALL EQUIPMENT BONDING.
- INSTALL ALL IN-GROUND CONDUCTORS IN THE SAME HORIZONTAL PLANE OR IN A DOWNWARD DIRECTION AWAY FROM THE TOWER AND EQUIPMENT AREAS.
- AVOID LONG RUNS. MAKE DIRECT RUNS AS MUCH AS POSSIBLE.
- PLACE THROUGH NON-METALLIC SLEEVES WHEN PASSING THROUGH FLOORS, WALLS, CEILINGS, AND SIMILAR STRUCTURES.
- MAKE ALL CONNECTIONS IN CONTACT WITH EARTH WITH EXOTHERMIC WELDING. MAKE ALL OTHER CONNECTIONS WITH EXOTHERMIC WELDING, IRREVERSIBLE COMPRESSION CONNECTORS, OR LISTED COMPRESSION TWO-HOLE LUGS.
- INSTALL ALL CONDUCTORS WITH A MINIMUM 18 INCH BEND RADIUS AND NO BEND LONGER THAN A 90 DEGREE ARC. ALL BENDS SHALL BE HORIZONTAL, OR DOWNWARD TOWARDS EARTH.
- ALL CONDUCTORS PASSING FROM ABOVE-GROUND TO IN-GROUND CONNECTIONS, WHERE EXPOSED, SHALL BE COVERED AND PROTECTED WITH A NON-METALLIC CONDUIT SEALED AT BOTH ENDS.
- IF 2 OR MORE IN-GROUND CONDUCTORS ARE IN THE SAME PATH (2 RINGS OVERLAPPING, BONDING FOLLOWING ANOTHER RING OR RADIAL, OR SIMILAR), COMBINE WITH A SHARED SINGLE CONDUCTOR.

EQUIPMENT AND TOWER GROUND RINGS SHALL BE:

- BONDED TO ANY CONDUCTIVE OBJECT OR STRUCTURE WITHIN 5 FEET OF EQUIPMENT GROUND RINGS AND WITHIN 20 FEET OF TOWER GROUND RINGS.
- INSTALLED MINIMUM 18 INCHES FROM FOUNDATIONS, FOOTINGS, AND SIMILAR.

INSTALL ALL IN-GROUND RINGS, RADIALS, BONDS CONNECTING THEM, AND ALL SIMILAR GROUNDING:

- MIN 30 INCHES BELOW GRADE, OR 6 INCHES BELOW THE FROST LINE, WHICHEVER IS GREATER DEPTH.
- MIN 2 FEET FROM FOUNDATIONS, FOOTINGS, OTHER GROUNDING SYSTEMS, AND SIMILAR STRUCTURES, EXCEPT WHEN MAKING A BOND TO ANY OF THESE STRUCTURES. DO NOT BOND TO FOUNDATION INTERNAL REINFORCEMENT.

ALL EQUIPMENT GROUPED IN A COMMON AREA, COMPOUND, STRUCTURE, OR SIMILAR SHALL BE BONDED TO A SINGLE-POINT GROUND, PREFERABLY AN ISOLATED GROUND BAR. BOND THE GROUND BAR TO THE SYSTEM WITH MINIMUM SINGLE BONDING CONDUCTOR. IF BONDING TO AN IN-GROUND RING, INSTALL 2 BONDING CONDUCTORS MINIMUM WITH EACH CONDUCTOR INSTALLED DIRECTIONALLY AWAY FROM EACH OTHER AND PARALLEL TO THE IN-GROUND CONDUCTOR, WITH NO TEE CONNECTIONS.

TOWER GROUNDING:

- EACH TOWER LEG SHALL BE BONDED TO ITS RING. SINGLE-LEGGED TOWERS, OR MONOPOLES, SHALL HAVE 2 BONDS ON OPPOSITE SIDES.
- BOND TO TOWER BASE, NOT TO VERTICAL TOWER STRUCTURE, AWAY FROM TOWER MOUNTING HARDWARE.
- EACH BOND SHALL HAVE A CORRESPONDING GROUND ROD ON THE RING.
- EACH BOND SHALL CONSIST OF 2 CONDUCTORS FROM THE TOWER TO ITS RING WITH EACH CONDUCTOR DIRECTED IN OPPOSITE DIRECTIONS WITH A PARALLEL CONNECTION ON THE RING ON OPPOSITE SIDES OF THE GROUND ROD.

EQUIPMENT AREA GROUNDING:

- COMMUNICATION AREAS ON EARTH SHALL HAVE A GROUND RING.
- BOND ALL EQUIPMENT TO A SINGLE-POINT GROUND (GROUND BAR).
- BOND THE EQUIPMENT SINGLE-POINT GROUND TO THE EQUIPMENT GROUND RING WITH MINIMUM 2 CONDUCTORS DIRECTED IN OPPOSITE DIRECTIONS WITH PARALLEL CONNECTIONS ON THE RING.
- IF EQUIPMENT IS ENCLOSED IN A SHELTER:
- IF THE SHELTER IS CONSIDERED TO BE EXPOSED TO A DIRECT LIGHTNING STRIKE, INSTALL A BUILDING LIGHTNING PROTECTION SYSTEM PER APPLICABLE VERSION OF NFPA 780.
- BOND ALL FIXED CONDUCTIVE BUILDING COMPONENTS TOGETHER AND TO THE BUILDING RING GROUND AT THE CORNERS. THIS IS TYPICALLY CALLED THE HALO GROUND. DO NOT BOND EQUIPMENT TO THE HALO GROUND.
- BOND ALL EQUIPMENT TOGETHER TO A SINGLE-POINT OR INTERIOR EQUIPMENT RING GROUND (IEGR). BOND THE SINGLE-POINT OR IEGR TO THE EXTERNAL EQUIPMENT RING GROUND.
- PLACE GROUND RODS AT THE EQUIPMENT GROUND RING CORNERS.

GROUND RODS:

- SEPARATION SPACE BETWEEN ANY 2 GROUND RODS SHALL BE NO CLOSER THAN THEIR DEPTH. THIS APPLIES TO ALL RODS IN THE COMPLETE SYSTEM.
- DRIVE VERTICALLY IN UNDISTURBED SOIL WITH THE TOP AT SAME DEPTH AS THE IN-GROUND CONDUCTOR. IF NOT POSSIBLE TO INSTALL VERTICALLY, PLACE AS CLOSE TO VERTICAL AS POSSIBLE AND IN A DIRECTION AWAY FROM THE NEAREST ABOVE-GROUND CONDUCTIVE ELEMENT (TOWER, EQUIPMENT, ETC.).

RADIALS (TYP. NEW DEDICATED COMMUNICATION SITES):

- WHERE FEASIBLE WITH ENOUGH SPACE AVAILABLE, INSTALL A MINIMUM OF 4, MAXIMUM 10 RING RADIALS.
- EACH RADIAL'S LENGTH SHALL BE MIN 20 FT, MAX 80 FT.
- EXTEND RADIALS PERPENDICULAR FROM RINGS IN AS STRAIGHT LINE AS POSSIBLE, AWAY FROM OTHER RING GROUNDS, RADIALS, BONDS, AND SIMILAR.
- A COMMON PRACTICE IS TO PLACE 4 RADIALS FROM THE TOWER RING TO THE 4 CORNERS OF THE AVAILABLE AREA.

AT A MINIMUM, BOND ALL COMPOUND CONDUCTIVE FENCE CORNER POSTS AND GATE POSTS TO THE LPGS. PREFERABLY, INSTALL A GROUND RING THAT FOLLOWS THE FENCE LINE, BONDING ALL POSTS TO THE RING.

27 ANTENNAS & CABLES:

THESE SPECIFICATIONS SHALL INCLUDE THE GENERAL SPECIFICATIONS HEREIN.

THE CONTRACTOR SHALL FURNISH AND INSTALL ALL TRANSMISSION CABLES, JUMPERS, CONNECTORS, GROUNDING STRAPS, ANTENNAS, MOUNT AND HARDWARE. ALL MATERIALS SHALL BE INSPECTED BY THE CONTRACTOR FOR DAMAGE UPON DELIVERY. JUMPERS SHALL BE SUPPLIED AT ANTENNAS AND EQUIPMENT INSIDE SHELTER. COORDINATE LENGTH OF JUMPER CABLES WITH OWNER. COORDINATE AND VERIFY ALL OF THE MATERIALS TO BE PROVIDED WITH OWNER PRIOR TO SUBMITTING BID AND ORDERING MATERIALS.

AFTER INSTALLATION, THE TRANSMISSION LINE SYSTEM SHALL BE PIM / SWEEP TESTED FOR NEWER INSTALLATION AND DAMAGE WITH ANTENNAS CONNECTED. CONTRACTOR SHALL OBTAIN AND USE LATEST TESTING PROCEDURES FROM OWNER OR MANUFACTURER PRIOR TO BIDDING.

ANTENNA CABLES SHALL BE UNIQUELY COLOR-CODED AT THE ANTENNAS, BOTH SIDES OF EQUIPMENT SHELTER WALL, AND JUMPER CABLES AT THE EQUIPMENT.

THE CONTRACTOR SHALL FURNISH AND INSTALL ALL CONNECTORS, ASSOCIATED CABLE MOUNTING AND GROUNDING HARDWARE, WALL MOUNTS, STANDOFFS, AND ALL ASSOCIATED HARDWARE TO INSTALL ALL CABLES AND ANTENNAS TO THE MANUFACTURER'S AND OWNER'S SPECIFICATIONS.

ANTENNA CABLES SHALL BE FOAM DIELECTRIC COAXIAL CABLES AS FOLLOWS:

- BASE STATION ANTENNAS:
  - 7/8" DIAMETER FOR CABLE LENGTHS UP TO 100 FT.
  - 1-5/8" DIAMETER FOR CABLE LENGTHS GREATER THAN 100 FT.
  - GPS ANTENNAS:
  - 7/8" DIAMETER FOR CABLE LENGTHS UP TO 200 FT.
  - 1-5/8" DIAMETER FOR CABLE LENGTHS GREATER THAN 200 FT.

MINIMUM BENDING RADIUS FOR COAXIAL CABLES SHALL BE:

- 15 FT FOR 7/8" COAXIAL CABLES.
- 25 FT FOR 1-5/8" COAXIAL CABLES.

CABLE SHALL BE INSTALLED WITH A MINIMUM NUMBER OF BENDS WHERE POSSIBLE. CABLE SHALL NOT BE LEFT UNTERMINATED AND SHALL BE SEALED IMMEDIATELY AFTER BEING INSTALLED.

ALL EXTERIOR CABLE CONNECTIONS SHALL BE COVERED WITH A WATERPROOF SPLICING KIT.

CONTRACTOR SHALL VERIFY EXACT LENGTH AND DIRECTION OF TRAVEL IN FIELD PRIOR TO CONSTRUCTION.

CABLE SHALL BE FURNISHED AND INSTALLED WITHOUT SPLICES AND WITH CONNECTORS AT EACH END.

27 CABLE TRAY:

THESE SPECIFICATIONS SHALL INCLUDE THE GENERAL SPECIFICATIONS HEREIN.

CABLE TRAY SHALL BE MADE OF EITHER CORROSION RESISTANT METAL OR WITH A CORROSION RESISTANT FINISH.

CABLE TRAY SHALL BE OF LADDER TRAY TYPE WITH FLAT COVER CLAMPED TO SIDE RAILS.

CABLE LADDER SHALL BE SIZED TO FIT ALL CABLES IN ACCORDANCE WITH NEC AND NEMA 11-15-84.

CABLE LADDER TRAYS SHALL BE NEMA CLASS 12A BY PW INDUSTRIES, INC. OR EQUAL.

CABLE LADDER TRAY SHALL BE SUPPORTED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.

ALL WORKMANSHIP SHALL CONFORM TO THESE REQUIREMENTS AND ALL LOCAL CODES AND STANDARDS TO ENSURE SAFE AND ADEQUATE GROUNDING SYSTEM.

Cellco Partnership d/b/a

verizon

20 ALEXANDER DRIVE
WALLINGFORD, CT 06492

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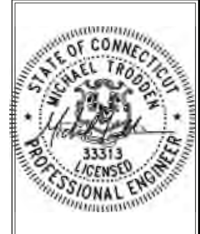
CONSTRUCTION DOCUMENTS

NO	DATE	REVISION
0	06/22/21	FOR REVIEW: JRM
1	07/26/21	REV PER NEW MOUNT NEW MOUNT MOD DESIGN: JRM
2	10/19/21	FOR FILING: JRM
3		
4		
5		



DESIGN PROFESSIONALS OF RECORD

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COMP: ALL-POINTS TECHNOLOGY CORPORATION, P.C.
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EASTFORD CT

SITE ADDRESS: 35 OLD ROUTE 44 EASTFORD, CT 06242

APT FILING NUMBER: CT141_12380

DRAWN BY: DRA

DATE: 06/22/21 **CHECKED BY:** JRM

VZ PROJECT CODE: 20212234346

VZ LOCATION CODE: 467962

VZ FUZE ID: 16272163

SHEET TITLE:

NOTES& SPECIFICATIONS

SHEET NUMBER:

N-1

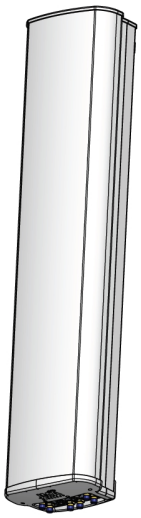
MX06FRO660-03

NWAV™ X-Pol Hex-Port Antenna

X-Pol Hex-Port 6 ft 60° Fast Roll Off antenna with independent tilt on 700 & 850 MHz:

2 ports 698-798, 824-894 MHz and 4 ports 1695-2180 MHz

- Fast Roll Off (FRO™) azimuth beam pattern improves Intra- and Inter-cell SINR
- Compatible with dual band 700/850 MHz radios with independent low band EDT without external diplexers
- Fully integrated (iRETs) with independent RET control for low and high bands for ease of network optimization
- SON-Ready array spacing supports beamforming capabilities
- Suitable for LTE/CDMA/PCS/UMTS/GSM air interface technologies
- Integrated Smart Bias-Ts reduce leasing costs

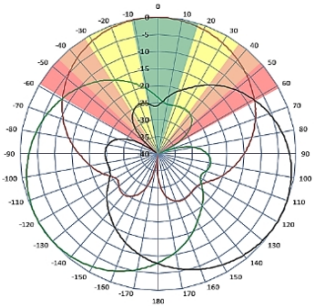


nwav

Fast Roll-Off antennas increase data throughput without compromising coverage

The horizontal beam produced by Fast Roll-Off (FRO) technology increases the Signal to Interference & Noise Ratio (SINR) by eliminating overlap between sectors .

Non-FRO antenna



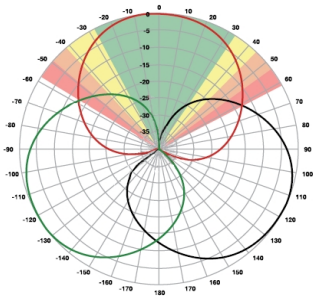
Large traditional antenna pattern overlap creates harmful interference.

JMA's FRO antenna pattern minimizes overlap, thereby minimizing interference.

LTE throughput	SINR	Speed (bps/Hz)	Speed increase	CQI
Excellent	>18	>4.5	333+%	8-10
Good	15-18	3.3-4.5	277%	6-7
Fair	10-15	2-3.3	160%	4-6
Poor	<10	<2	0%	1-3

The LTE radio automatically selects the best throughput based on measured SINR.

JMA FRO antenna



Electrical specification (minimum/maximum)	Ports 1, 2		Ports 3, 4, 5, 6		
Frequency bands, MHz	698-798	824-894	1695-1880	1850-1990	1920-2180
Polarization	± 45°		± 45°		
Average gain over all tilts, dBi	14.4	14.0	17.6	18.0	18.2
Horizontal beamwidth (HBW), degrees	60.5	53.0	55.0	55.0	55.5
Front-to-back ratio, co-polar power @180°± 30°, dB	>24	>24.0	>25.0	>25.0	>25.0
X-Pol discrimination (CPR) at boresight, dB	>15.0	>14.2	>18	>18	>15
Sector power ratio, percent	<3.5	<3.0	<3.7	<3.8	<3.6
Vertical beamwidth (VBW), degrees[1]	13.1	11.8	6.0	5.5	5.5
Electrical downtilt (EDT) range, degrees	2-14	2-14	0-9		
First upper side lobe (USLS) suppression, dB[1]	≤-15.0	≤-16.5	≤-16.0	≤-16.0	≤-16.0
Cross-polar isolation, port-to-port, dB[1]	25	25	25	25	25
Max VSWR / return loss, dB	1.5:1 / -14.0		1.5:1 / -14.0		
Max passive intermodulation (PIM), 2x20W carrier, dBc	-153		-153		
Max input power per any port, watts	300		250		
Total composite power all ports, watts	1500				

[1] Typical value over frequency and tilt

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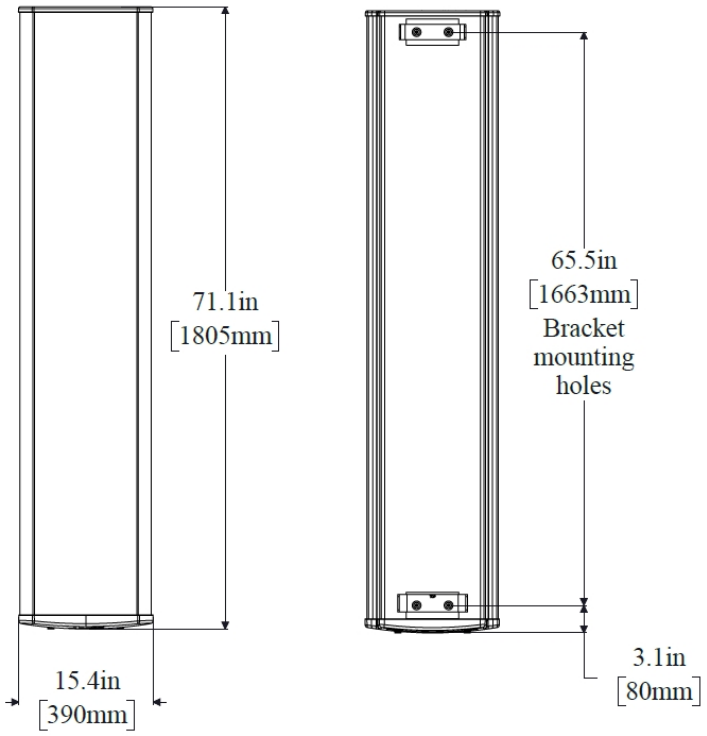
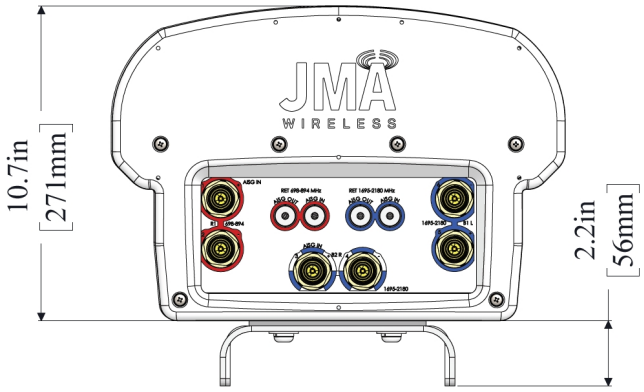
MX06FRO660-03

NWAV™ X-Pol Hex-Port Antenna

Mechanical specifications	
Dimensions height/width/depth, inches (mm)	71.3/ 15.4/ 10.7 (1811/ 392/ 273)
Shipping dimensions length/width/height, inches (mm)	82/ 20/ 15 (2083/ 508/ 381)
No. of RF input ports, connector type, and location	6 x 4.3-10 female, bottom
RF connector torque	96 lbf·in (10.85 N·m or 8 lbf·ft)
Net antenna weight, lb (kg)	60 (27.0)
Shipping weight, lb (kg)	90 (41.0)
Antenna mounting and downtilt kit included with antenna	91900318
Net weight of the mounting and downtilt kit, lb (kg)	18 (8.18)
Range of mechanical up/down tilt	-2° to 14°
Rated wind survival speed, mph (km/h)	150 (241)
Frontal, lateral, and rear wind loading @ 150 km/h, lbf (N)	154 (685), 73 (325), 158 (703)
Equivalent flat plate @ 100 mph and Cd=2, sq ft	2.6

Front view | **Back view** | **Bottom view**





Ordering information	
Antenna model	**Description**
MX06FRO660-03	6F X-Pol HEX FRO 60° independent tilt 700/850 RET, 4.3-10 & SBT
Optional accessories	
AISG cables	M/F cables for AISG connections
PCU-1000 RET controller	Stand-alone controller for RET control and configurations

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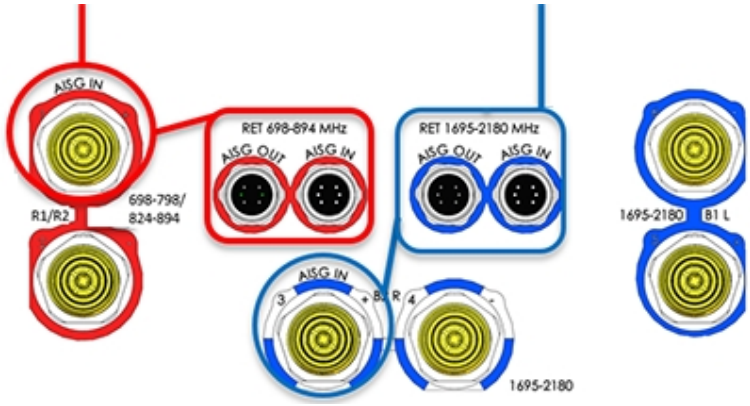
Remote electrical tilt (RET 1000) information	
RET location	Integrated into antenna
RET interface connector type	8-pin AISG connector per IEC 60130-9
RET connector torque	Min 0.5 N·m to max 1.0 N·m (hand pressure & finger tight)
RET interface connector quantity	2 pairs of AISG male/female connectors
RET interface connector location	Bottom of the antenna
Total no. of internal RETs (low bands)	2
Total no. of internal RETs (high bands)	1
RET input operating voltage, vdc	10-30
RET max power consumption, idle state, W	≤ 2.0
RET max power consumption, normal operating conditions, W	≤ 13.0
RET communication protocol	AISG 2.0 / 3GPP

RET and RF connector topology

Each RET device can be controlled either via the designated external AISG connector or RF port as shown below:

RET device	Band	RF port
R1	698-798	1-2
R2	824-894	1-2

RET device	Band	RF port
B1/B2	1695-2180	3-6

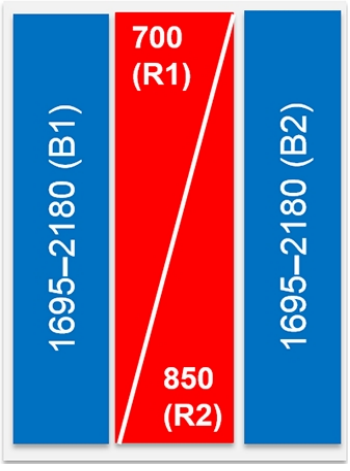


Array topology

3 sets of radiating arrays

R1/R2: 698-894 MHz
B1: 1695-2180 MHz
B2: 1695-2180 MHz

Band	RF port
1695-2180	3-4
698-894	1-2
1695-2180	5-6



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SAMSUNG

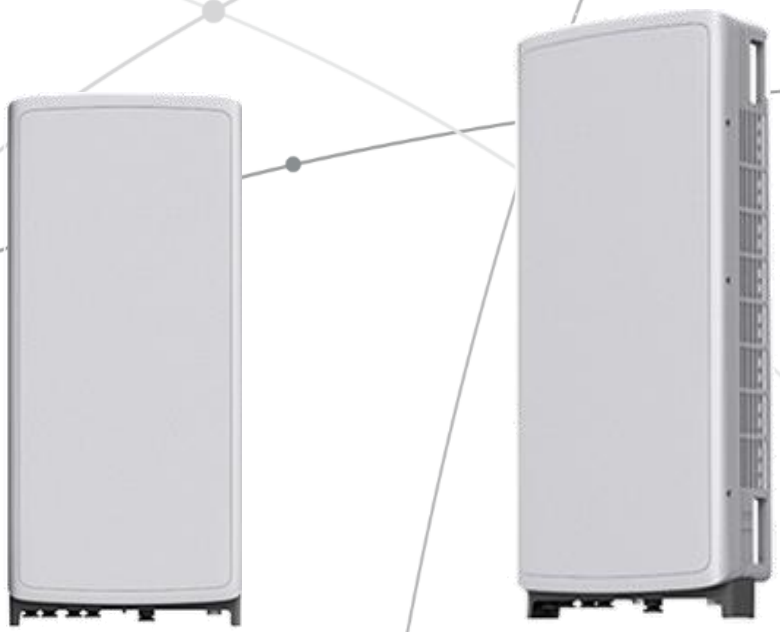
SAMSUNG

C-Band 64T64R Massive MIMO Radio

for High Capacity and Wide Coverage

Samsung C-Band 64T64R Massive MIMO Radio enables mobile operators to increase coverage range, boost data speeds and ultimately offer enriched 5G experiences to users in the U.S..

Model Code : MT6407-77A

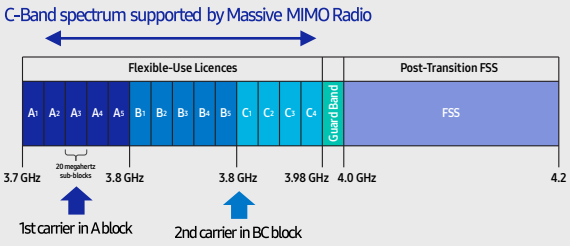


Points of Differentiation

Wide Bandwidth

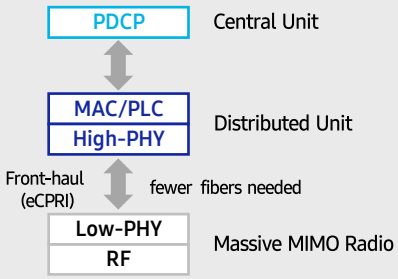
With capability to support up to 2 CC carrier configuration, Samsung C-Band massive MIMO Radio supports 200 MHz bandwidth in the C-Band spectrum.

Samsung C-Band massive MIMO Radio covers the entire C-Band 280 MHz spectrum, so it can meet the operator's needs in current A block and future B/C blocks



Future Proof Product

Samsung C-Band 64T64R Massive MIMO radio supports not only CPRI but also eCPRI as front-haul interface.
It enables operators can cut down on OPEX/CAPEX by reducing front-haul bandwidth through low layer split and using ethernet based higher efficient line.



Enhanced Performance

C-Band massive MIMO Radio creates sharp beams and extends networks' coverage on the critical mid-band spectrum using a large number of antenna elements and high output power to boost data speeds.

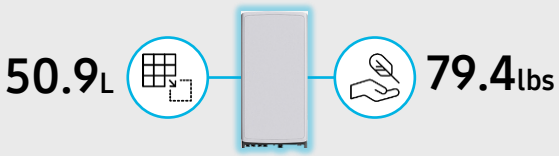
This helps operators reduce their CAPEX as they now need less products to cover the same area than before.

Furthermore, as C-Band massive MIMO Radio supports MU-MIMO(Multi-user MIMO) , it enables to increase user throughput by minimizing interference.

Well Matched Design

Samsung C-Band Massive MIMO radio utilizes 64 antennas, supports up to 280MHz bandwidth, and delivers a 200W output power. despite the above advanced performance, the Radio has a compact size of 50.9L and 79.4lbs. This makes it easy to install the Radio.

It is designed to look solid and compact, with a low profile appearance so that, when installed, harmonizes well with the surrounding environment..



Technical Specifications

Item	Specification
Tech	NR
Band	n77
Frequency Band	3700 - 3980 MHz
EIRP	78.5dBm (53.0 dBm+25.5 dBi)
IBW/OBW	280 MHz / 200 MHz
Installation	Pole/Wall
Size/ Weight	16.06 x 35.06 x 5.51 inch (50.86L)/ 79.4 lbs

SAMSUNG

About Samsung Electronics Co., Ltd.

Samsung inspires the world and shapes the future with transformative ideas and technologies. The company is redefining the worlds of TVs, smartphones, wearable devices, tablets, digital appliances, network systems, and memory, system LSI, foundry and LED solutions.

129 Samsung-ro, Yeongtong-gu, Suwon-si Gyeonggi-do, Korea

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SAMSUNG

Dual-Band Radio Unit
AWS/PCS (B66/B2)
RFV01U-D1A

Samsung's RFV01U-D1A is a compact remote Radio Unit (RU) designed for deployments that require flexibility in installation and rapid onlining, without compromising on coverage, capacity or operational expenses.

The RFV01U-D1A RU targets dual-band support across Band 66 (AWS) and Band 2 (PCS), making it an ideal product for broad coverage footprints across multiple common mid-range frequencies.

The RU handles all Radio Frequency (RF) processing in a single, compact unit, and is designed to interface via CPRI with Samsung's CDU baseband offerings, in both distributed- and central-RAN configurations.

In addition to its minimal footprint and ease of installation, the RU is also designed to reduce cost of ownership through its integrated spectrum analyzer, which allows for remote RF monitoring, greatly reducing the need for on-site maintenance visits.

Features and Benefits

- Dual-band support for broad frequency coverage
- Minimal footprint reduces site costs
- Rapid, easy installation
- Flexibly deployable in any location
- Remote RF monitoring capability
- Convection cooled, silent operation
- Built-in Broadcast Auxiliary Services (BAS) filter ensures compliant AWS operation without impacting footprint

Key Technical Specifications

Duplex Type: FDD
Operating Frequencies:
    B66: DL(2,110-2,180MHz)/UL(1,710-1,780MHz)
    B2: DL(1,930-1,990MHz)/UL(1,850-1,910MHz)
Instantaneous Bandwidth:
    70MHz(B66) + 60MHz(B2)
RF Chain: 4T4R/2T4R/2T2R
Output Power: Total 320W
DU-RU Interface: CPRI (10Gbps)
Dimensions: 380 x 380 x 255mm (36.8L)
Weight: 38.3kg
Input Power: -48V DC
Operating Temp.: -40 - 55°(w/o solar load)
Cooling: Natural convection

SAMSUNG

Dual-Band Radio Unit
700/850MHz (B13/B5)
RFV01U-D2A

Samsung's RFV01U-D2A is a compact remote Radio Unit (RU) designed for deployments that require flexibility in installation and rapid onlining, without compromising on coverage, capacity or operational expenses.

The RFV01U-D2A RU targets dual-band support across Band 13 (700MHz) and Band 5 (850MHz), making it an ideal product for broad coverage footprints across multiple common low-end, long-range frequencies.

The RU handles all Radio Frequency (RF) processing in a single, compact unit, and is designed to interface via CPRI with Samsung's CDU baseband offerings, in both distributed- and central-RAN configurations.

In addition to its minimal footprint and ease of installation, the RU is also designed to reduce cost of ownership through its integrated spectrum analyzer, which allows for remote RF monitoring, greatly reducing the need for on-site maintenance visits.

Features and Benefits

- Dual-band support for broad frequency coverage
- Minimal footprint reduces site costs
- Rapid, easy installation
- Flexibly deployable in any location
- Remote RF monitoring capability
- Convection cooled, silent operation

Key Technical Specifications

Duplex Type: FDD
Operating Frequencies:
B13: DL(746-756MHz)/UL(777-787MHz)
B5: DL(869-894MHz)/UL(824-849MHz)
Instantaneous Bandwidth: 10MHz(B13) + 25MHz(B5)
RF Chain: 4T4R/2T4R/2T2R
Output Power: Total 320W
DU-RU Interface: CPRI (10Gbps)
Dimensions: 380 x 380 x 207mm (29.9L)
Weight: 31.9kg
Input Power: -48V DC
Operating Temp.: -40 - 55°(w/o solar load)
Cooling: Natural convection

ATTACHMENT 3

	General	Power	Density					
Site Name: Eastford								
Tower Height: Verizon @ 195.7ft								
CARRIER	**# OF CHAN.**	**WATTS ERP**	**HEIGHT**	**FREQ.**	**CALC. POWER DENS**	**MAX. PERMISS. EXP.**	**FRACTION MPE**	**Total**
Sprint-CDMA	1	310	165	850	0.0044	0.5667	0.08%	
Sprint-LTE	2	310	165	850	0.0088	0.5667	0.16%	
Sprint-PCS-CDMA	5	495	165	1900	0.0352	1.0000	0.35%	
Sprint-PCS-LTE	2	1236	165	1900	0.0352	1.0000	0.35%	
Sprint-BRS-LTE	8	640	165	2500	0.0728	1.0000	0.73%	
AT&T	2	578	150	880	0.0200	0.5867	0.34%	
AT&T	2	855	150	1900	0.0297	1.0000	0.30%	
AT&T	4	513	150	1900	0.0356	1.0000	0.36%	
AT&T	1	289	150	880	0.0050	0.5867	0.09%	
AT&T	1	1771	150	734	0.0307	0.4893	0.63%	
VZW 700	**4**	**609**	**195.7**	**751**	**0.0023**	**0.5007**	**0.46%**	
VZW CDMA	**2**	**356**	**195.7**	**877.26**	**0.0007**	**0.5848**	**0.11%**	
VZW Cellular	**4**	**623**	**195.7**	**874**	**0.0023**	**0.5827**	**0.40%**	
VZW PCS	**4**	**1428**	**195.7**	**1977.5**	**0.0054**	**1.0000**	**0.54%**	
VZW AWS	**4**	**1530**	**195.7**	**2120**	**0.0057**	**1.0000**	**0.57%**	
VZW CBAND	**4**	**6531**	**195.7**	**3730.08**	**0.0245**	**1.0000**	**2.45%**	
								7.92%
* Source: Siting Council								

ATTACHMENT 4

September 15, 2021

Thomas Rigg
Everest Infrastructure Partners
Two Allegheny Center, Nova Tower 2, Suite 703
Pittsburg, PA 15212
(603) 498-7462

Tower Engineering Professionals
326 Tryon Road
Raleigh, NC 27603
(919) 661-6351
Structures@tepgroup.net

Subject: **Structural Analysis Report**

Carrier Designation:	***Verizon Wireless* Reconfiguration**	
	Carrier Site Number:	467962-VZW
	Carrier Site Name:	Eastford CT
Client Designation:	**Site Number:**	702497
	Site Name:	Eastford CDT
Engineering Firm Designation:	**TEP Project Number:**	25707.576390
Site Data:	**35 Old Route 44, Eastford, Windham County, CT 06242**	
	Latitude *41° 52' 16.70"*, Longitude *-72° 03' 53.60"*	
	190± Foot - Guyed Tower	

Dear Thomas Rigg,

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

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

LC1: Existing + Proposed + Reserved Loading **Sufficient Capacity**
Note: See Table 1 for the existing, proposed, and reserved loading

Structure Capacity	Foundation Capacity
62.6%	61.4%

The analysis has been performed in accordance with the ANSI/TIA-222-H Structural Standard for Antenna Supporting Structures, Antennas, and Small Wind Turbine Support Structures and the 2018 Connecticut State Building Code.

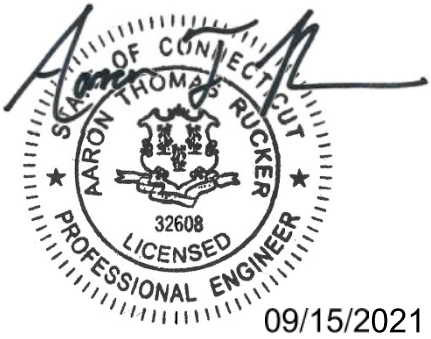
All modifications and equipment proposed in this report shall be installed in accordance with the appurtenances listed in Table 1 for the determined available structural capacity to be effective.

We at *Tower Engineering Professionals* appreciate the opportunity of providing our continuing professional services to you and *Everest.* If you have any questions or need further assistance on this or any other projects please give us a call.

Structural analysis prepared by: Kedis Wasef / WHW

Respectfully submitted by:

Aaron T. Rucker, P.E.



09/15/2021

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1) INTRODUCTION

The tower is a 190± Foot model G42WPAR Guyed Tower designed by Fred A. Nudd Corporation in March of 1998. Toe tower was originally designed for a basic wind speed of 85 mph with no ice and 63.8 mph with 1/2" radial ice per ANSI/EIA/TIA-222-E. The tower has been modified per reinforcement drawings prepared by Fred A. Nudd Corporation in July of 2000. Modification consists of extending the tower 10-ft. All information provided to TEP was assumed to be accurate and complete.

2) ANALYSIS CRITERIA

TIA-222 Revision:	ANSI/TIA-222-H
Type of Analysis:	Comprehensive
Risk Category:	II
Wind Speed:	120 mph (Ultimate)
Exposure Category:	B
Topographic Procedure:	Method 1 (Kzt = 1.0)
Ice Thickness:	1.0 in
Wind Speed with Ice:	50 mph
Seismic Design Category:	B
Seismic Ss:	0.182
Seismic S1:	0.055
Service Wind Speed:	60 mph

Table 1 - Existing, Proposed, and Reserved Antenna and Cable Information

Existing/ Proposed/ Reserved	Mount Level (ft)	Ant CL (ft)	Qty	Antenna Model	Mount Type	Qty Coax	Coax Size	Coax Location	Owner/ Tenant
Proposed	***195.2***	***195.7***	***6***	***JMA Wireless MX06FRO660-03***	***(3) Sector Mounts***	***2***	***1 5/8"Ø Hybrid***	***CA Face***	***Verizon***
			3	***Samsung MT6407-77A***					
			3	***Samsung B2/B66A RRH-BR049***					
			3	***Samsung B5/B13 RRH-BR04C***					
			1	***Raycap RVZDC-6627-PF-48***					
Existing	195.2	195.7	3	Commscope LNX-8513DS-A1M		12	1-5/8	CA Face	Verizon
To Be Removed	*195.2*	*195.7*	*6*	*Andrew HBXX-6517DS-A2M*	*(3) Sector Mounts*	*1*	*Hybrid*	*CA Face*	*Verizon*
			3	*Antel BXA-70063-6CF*					
			1	*RFS DB-B1-6-12AB-0Z*					
			3	*Nokia UHBA B13 RRH 4x30*					
			3	*Nokia UHIE B66A RRH 4x45*					
Existing	177.0	-	Empty Sector Mounts			-	-	-	Nextel

Table 1 - Existing, Proposed, and Reserved Antenna and Cable Information - Continued

Existing/ Proposed/ Reserved	Mount Level (ft)	Ant CL (ft)	Qty	Antenna Model	Mount Type	Qty Coax	Coax Size	Coax Location	Owner/ Tenant
Reserved	***165.0***	***165.0***	***3***	***RFS APXVAALL24***	***(3) Sector Mounts***	***3***	***Hybrid***	***AB Face***	***T-Mobile***
			3	***Ericsson AIR6449 B41***					
			3	***Ericsson Radio 4460***					
			3	***Ericsson Radio 4480***					
To Be Removed	*165.0*	*165.0*	*3*	*Commscope DT465B-2XR*	*(3) Sector Mounts*	*4*	*1-1/4"Ø*	*AB Face*	*T-Mobile*
			3	*RFS APXV9ERR19-C-A20*					
			3	*Alcatel Lucent 4x45W 1900*					
			3	*Alcatel Lucent TD-RRH8x20*					
Existing	150.0	151.5	3	KMW EPBQ-654L8H8-L2	(3) Sector Mounts	12 2 1	1-5/8 3/4"Ø 3/8"Ø	AB Face	AT&T
			6	Powerwave RA21.7770.00					
			3	Ericsson RRUS 11 B12					
			6	Powerwave LGP21401					
			3	Powerwave LGP21901					
			3	Kathrein 78210256					
			1	Raycap DC6-48-60-18-8F					

3) ANALYSIS PROCEDURE

Table 2 - Documents Provided

Document	Remarks	Source
Tower and Foundation Design	Fred A. Nudd Corporation, dated March 31, 1998 Drawing No.: 98-5874-1	Everest
Tower Extension Design	Fred A. Nudd Corporation, dated July 31, 2000 Drawing No.: 00-5874A-1	Everest
Geotechnical Report	Tower Engineering Professionals, Inc., dated September 22, 2009 TEP No. 090004.14	TEP
Previous Structural Analysis	Fred A. Nudd Corporation, dated February 20, 2018 Project No. 117-23243.5	Everest
Tower Mapping Report	Tower Engineering Professionals, Inc., dated June 22, 2020 TEP No. 25707.416423	TEP
Maintenance and Condition Assessment	Tower Engineering Professionals, Inc., dated June 26, 2020 TEP No. 25707	TEP
Construction Drawings	CENTEK Engineering, dated June 15, 2021 Project No. 21005.20, Rev. B	Everest
Previous Mount Analysis	Maser Consulting Connecticut, dated July 23, 2021 Project No. 21777322A, Rev. 1	Everest
Previous Mount Modification Design	Maser Consulting Connecticut, dated July 23, 2021 Project No. 21777322A	Everest
Construction Drawings	All-Points Technology Corporation, dated July 26, 2021 APT Filing No.: CT141_12380, Rev. 1	Everest
Previous Mount Analysis	CENTEK Engineering, dated August 9, 2021 Project No. 21005.20	Everest
Supplemental Geotechnical Report	Tower Engineering Professionals, Inc.	TEP
Correspondence	Correspondence in reference to the existing, proposed, and reserved loading.	Everest

3.1) Analysis Method

tnxTower (version 8.1.1.0), a commercially available analysis software package, was used to create a three-dimensional model of the tower and calculate member stresses for various loading cases. Selected output from the analysis is included in Appendix A.

3.2) Analysis Assumptions

1) The tower and foundation were built and maintained in accordance with the manufacturer's specification.
2) The configuration of existing antennas, transmission cables, mounts and other appurtenances are as specified in the tower mapping report by TEP.
3) Unless specified by the client or tower mapping, the location of the existing and proposed coax is assumed by TEP and listed in Table 1.
4) All tower components are in sufficient condition to carry their full design capacity.
5) Serviceability with respect to antenna twist, tilt, roll, or lateral translation, is not checked and is left to the carrier or tower owner to ensure conformance.
6) All antenna mounts and mounting hardware are structurally sufficient to carry the full design capacity requirements of appurtenance wind area and weight as provided by the original manufacturer specifications. It is the carrier's responsibility to ensure compliance to the structural limitations of the existing and/or proposed antenna mounts. TEP did not analyze antennas supporting mounts as part of this structural analysis report.

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

4) ANALYSIS RESULTS

Table 3 - Section Capacity (Summary)[2]

Section No.	Elevation (ft)	Component Type	Size	Critical Element	P (lb)	ϕP_{allow} (lb)	% Capacity	Pass / Fail
T1	190.833 - 180.833	Leg	P2.5x0.203	2	-10803	76921	14.0	Pass
T2	180.833 - 160.833	Leg	P2.5x0.203	35	-29402	76921	38.2	Pass
T3	160.833 - 140.833	Leg	P2.5x0.203	95	-35908	76921	46.7	Pass
T4	140.833 - 120.833	Leg	P2.5x0.203	155	-44360	76921	57.7	Pass
T5	120.833 - 100.833	Leg	P2.5x0.203	215	-48150	76921	62.6	Pass
T6	100.833 - 80.8333	Leg	P2.5x0.203	276	-34125	73258	46.6	Pass
T7	80.8333 - 60.8333	Leg	P2.5x0.203	336	-35467	73258	48.4	Pass
T8	60.8333 - 40.8333	Leg	P2.5x0.203	395	-41522	76921	54.0	Pass
T9	40.8333 - 20.8333	Leg	P2.5x0.203	455	-43414	76921	56.4	Pass
T10	20.8333 - 0.8333	Leg	P2.5x0.203	515	-43392	76830	56.5	Pass
T1	190.833 - 180.833	Diagonal	5/8	28	1557	10437	14.9	Pass
T2	180.833 - 160.833	Diagonal	5/8	46	5445	10437	52.2	Pass
T3	160.833 - 140.833	Diagonal	5/8	133	3506	10437	33.6	Pass
T4	140.833 - 120.833	Diagonal	5/8	166	2676	10437	25.6	Pass
T5	120.833 - 100.833	Diagonal	5/8	252	4031	10437	38.6	Pass
T6	100.833 - 80.8333	Diagonal	5/8	330	2682	10437	25.7	Pass
T7	80.8333 - 60.8333	Diagonal	5/8	345	1302	10437	12.5	Pass
T8	60.8333 - 40.8333	Diagonal	5/8	440	2099	10437	20.1	Pass
T9	40.8333 - 20.8333	Diagonal	5/8	466	1398	10437	13.4	Pass
T10	20.8333 - 0.8333	Diagonal	5/8	535	2475	10437	23.7	Pass
T1	190.833 - 180.833	Horizontal	L1 1/2x1 1/2x3/16	26	-695	9639	7.2	Pass
T2	180.833 - 160.833	Horizontal	L1 1/2x1 1/2x3/16	50	-3502	9639	36.3	Pass
T3	160.833 - 140.833	Horizontal	L1 1/2x1 1/2x3/16	137	-2543	9639	26.4	Pass
T4	140.833 - 120.833	Horizontal	L1 1/2x1 1/2x3/16	170	-1872	9639	19.4	Pass

Section No.	Elevation (ft)	Component Type	Size	Critical Element	P (lb)	ϕP_{allow} (lb)	% Capacity	Pass / Fail
T5	120.833 - 100.833	Horizontal	L1 1/2x1 1/2x3/16	257	-2894	9639	30.0	Pass
T6	100.833 - 80.8333	Horizontal	L1 1/2x1 1/2x3/16	326	-1801	9639	18.7	Pass
T7	80.8333 - 60.8333	Horizontal	L1 1/2x1 1/2x3/16	350	-929	9639	9.6	Pass
T8	60.8333 - 40.8333	Horizontal	L1 1/2x1 1/2x3/16	436	-1452	9639	15.1	Pass
T9	40.8333 - 20.8333	Horizontal	L1 1/2x1 1/2x3/16	470	-912	9639	9.5	Pass
T10	20.8333 - 0.8333	Horizontal	L1 1/2x1 1/2x3/16	539	-1734	9639	18.0	Pass
T2	180.833 - 160.833	Top Girt	L1 1/2x1 1/2x3/16	37	-510	9639	5.3	Pass
T3	160.833 - 140.833	Top Girt	L1 1/2x1 1/2x3/16	99	-2004	9639	20.8	Pass
T4	140.833 - 120.833	Top Girt	L1 1/2x1 1/2x3/16	157	-769	9639	8.0	Pass
T5	120.833 - 100.833	Top Girt	L1 1/2x1 1/2x3/16	219	-925	9639	9.6	Pass
T6	100.833 - 80.8333	Top Girt	L1 1/2x1 1/2x3/16	278	-1014	9639	10.5	Pass
T7	80.8333 - 60.8333	Top Girt	L1 1/2x1 1/2x3/16	338	-615	9180	6.7	Pass
T9	40.8333 - 20.8333	Top Girt	L1 1/2x1 1/2x3/16	457	-752	9639	7.8	Pass
T10	20.8333 - 0.8333	Top Girt	L1 1/2x1 1/2x3/16	517	-752	9639	7.8	Pass
T1	190.833 - 180.833	Bottom Girt	L1 1/2x1 1/2x3/16	9	-270	9639	2.8	Pass
T2	180.833 - 160.833	Bottom Girt	L1 1/2x1 1/2x3/16	42	-2153	9639	22.3	Pass
T3	160.833 - 140.833	Bottom Girt	L1 1/2x1 1/2x3/16	100	-622	9639	6.5	Pass
T4	140.833 - 120.833	Bottom Girt	L1 1/2x1 1/2x3/16	162	-975	9639	10.1	Pass
T5	120.833 - 100.833	Bottom Girt	L1 1/2x1 1/2x3/16	221	-1101	9639	11.4	Pass
T6	100.833 - 80.8333	Bottom Girt	L1 1/2x1 1/2x3/16	281	-591	9180	6.4	Pass
T7	80.8333 - 60.8333	Bottom Girt	L1 1/2x1 1/2x3/16	341	-615	9180	6.7	Pass
T8	60.8333 - 40.8333	Bottom Girt	L1 1/2x1 1/2x3/16	400	-721	9639	7.5	Pass
T9	40.8333 - 20.8333	Bottom Girt	L1 1/2x1 1/2x3/16	460	-752	9639	7.8	Pass
T10	20.8333 - 0.8333	Bottom Girt	L1 1/2x1 1/2x3/16	521	190	17086	1.1	Pass
T1	190.833 - 180.833	Guy A@190.833	9/16	576	10563	22050	47.9	Pass
T3	160.833 - 140.833	Guy A@157.444	5/8	590	10252	26711	38.4	Pass
T5	120.833 - 100.833	Guy A@117.444	9/16	607	6377	22050	28.9	Pass
T8	60.8333 - 40.8333	Guy A@60.75	9/16	615	6225	22050	28.2	Pass
T1	190.833 - 180.833	Guy B@190.833	9/16	575	10936	22050	49.6	Pass
T3	160.833 - 140.833	Guy B@157.444	5/8	584	11023	26711	41.3	Pass
T5	120.833 - 100.833	Guy B@117.444	9/16	602	7207	22050	32.7	Pass
T8	60.8333 - 40.8333	Guy B@60.75	9/16	614	7052	22050	32.0	Pass
T1	190.833 - 180.833	Guy C@190.833	9/16	574	10569	22050	47.9	Pass
T3	160.833 - 140.833	Guy C@157.444	5/8	577	10860	26711	40.7	Pass
T5	120.833 - 100.833	Guy C@117.444	9/16	595	6813	22050	30.9	Pass
T8	60.8333 - 40.8333	Guy C@60.75	9/16	613	6535	22050	29.6	Pass
T1	190.833 - 180.833	Top Guy Pull-Off@190.833	L1 3/4x1 3/4x3/16	6	3776	21130	17.9	Pass
T8	60.8333 - 40.8333	Top Guy Pull-Off@60.75	L1 3/4x1 3/4x3/16	398	1990	21130	9.4	Pass
T3	160.833 - 140.833	Bottom Guy Pull-Off@157.444	L 2 x 2 x 5/16	147	-2719	29713	9.1	Pass
T5	120.833 - 100.833	Bottom Guy Pull-Off@117.444	L 2 x 2 x 5/16	267	-2698	29713	9.1	Pass
T3	160.833 - 140.833	Torque Arm Top@157.444	L3x3x1/4	580	10084	41835	24.1 43.1 (b)	Pass

Section No.	Elevation (ft)	Component Type	Size	Critical Element	P (lb)	ϕP_{allow} (lb)	% Capacity	Pass / Fail
T5	120.833 - 100.833	Torque Arm Top@117.444	L3x3x1/4	598	5280	41835	12.6 22.6 (b)	Pass
T3	160.833 - 140.833	Torque Arm Bottom@157.444	L3x3x1/4	593	-7387	46203	16.0 17.7 (b)	Pass
T5	120.833 - 100.833	Torque Arm Bottom@117.444	L3x3x1/4	611	-4294	46203	9.3 11.7 (b)	Pass
							Summary	
						Leg (T5)	62.6	Pass
						Diagonal (T2)	52.2	Pass
						Horizontal (T2)	36.3	Pass
						Top Girt (T3)	20.8	Pass
						Bottom Girt (T2)	22.3	Pass
						Guy A (T1)	47.9	Pass
						Guy B (T1)	49.6	Pass
						Guy C (T1)	47.9	Pass
						Top Guy Pull-Off (T1)	17.9	Pass
						Bottom Guy Pull-Off (T3)	9.1	Pass
						Torque Arm Top (T3)	43.1	Pass
						Torque Arm Bottom (T3)	17.7	Pass
						Bolt Checks	43.1	Pass
						RATING =	**62.6**	**Pass**

Table 4 - Tower Component Stresses vs. Capacity

Notes	Component	Elevation (ft)	% Capacity	Pass / Fail
1,2	Base Foundation Soil Interaction	-	24.5	Pass
1,2	Base Foundation Structural	-	36.4	Pass
1,2	Anchor Foundation Uplift	-	33.8	Pass
1,2	Anchor Foundation Lateral	-	61.4	Pass
1,2	Guy Anchor Shaft	-	52.7	Pass

Structure Rating (max from all components)[2] =	**62.6%**

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

Table 5 - Dish Twist/Sway Results for 60 mph Service Wind Speed

Elevation (ft)	Dish Model	Beam Deflection		
		Deflection (in)	Tilt (deg)	Twist (deg)
-	-	-	-	-

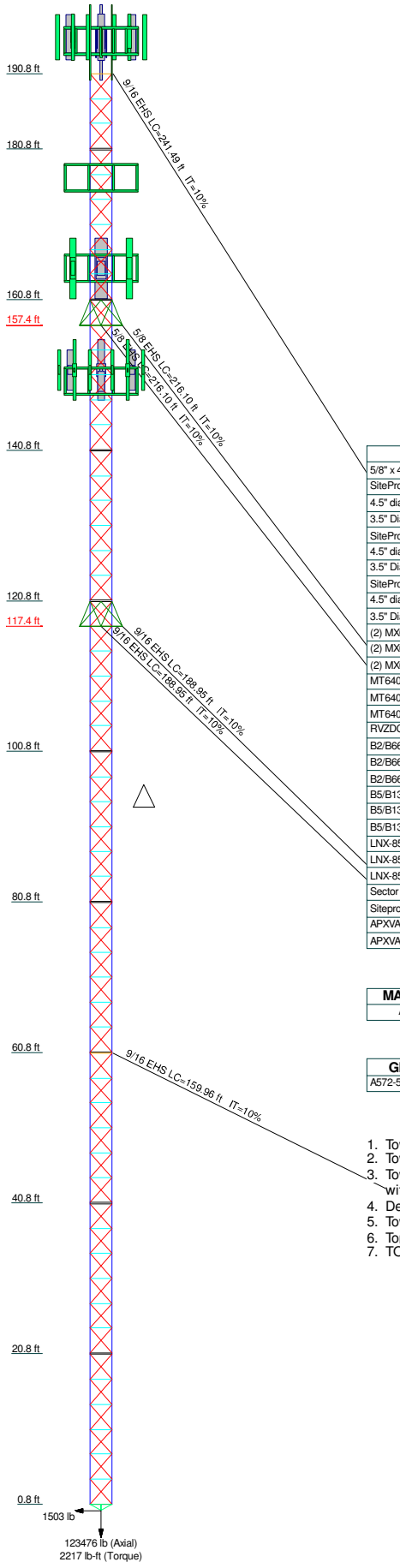
4.1) Recommendations

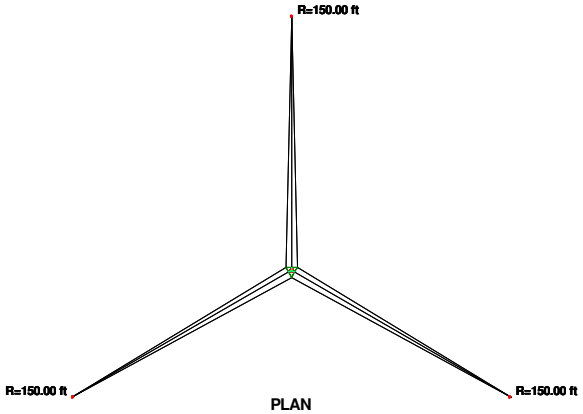
1) If the load differs from that described in Table 1 of this report or the provisions of this analysis are found to be invalid, another structural analysis should be performed.
2) The tower and its foundation have sufficient capacity to carry the proposed load configuration. No modifications are required at this time.

APPENDIX A

TNX TOWER OUTPUT

Section	T10	T9	T8	T7	T6	T5	T4	T3	T2	T1
Legs					P2.5x0.203					
Leg Grade					A572-55					
Diagonals					SR 5/8					
Diagonal Grade					A36					
Top Girts	L1 1/2x1 1/2x3/16		N.A.			L1 1/2x1 1/2x3/16				N.A.
Bottom Girts					L1 1/2x1 1/2x3/16					
Horizontals					L1 1/2x1 1/2x3/16					
Top Guy Pull-Offs	N.A.		L1 3/4x1 3/4x3/16			N.A.				A
Bot Guy Pull-Offs			N.A.		3.5	L 2 x 2 x 5/16	N.A.	L 2 x 2 x 5/16	N.A.	
Face Width (ft)										
# Panels @ (ft)	6 @ 3.31944					51 @ 3.30556				
Weight (lb)	661.1	660.7	664.1	660.7	660.7	927.4	660.7	927.4	660.7	343.1





DESIGNED APPURTENANCE LOADING

TYPE	ELEVATION	TYPE	ELEVATION
5/8" x 4' Lightning Rod	190	APXVAALL24_43-U-NA20 w/ mount pipe	165
SitePro 1 VFA12-HD (1)	190	AIR6449 B41 w/ Mount Pipe	165
4.5" dia. x 10'	190	AIR6449 B41 w/ Mount Pipe	165
3.5" Dia. x 4-ft	190	AIR6449 B41 w/ Mount Pipe	165
SitePro 1 VFA12-HD (1)	190	RADIO 4460 B2/B25 B66_TMO	165
4.5" dia. x 10'	190	RADIO 4460 B2/B25 B66_TMO	165
3.5" Dia. x 4-ft	190	RADIO 4460 B2/B25 B66_TMO	165
SitePro 1 VFA12-HD (1)	190	RADIO 4480 B71_TMO	165
4.5" dia. x 10'	190	RADIO 4480 B71_TMO	165
3.5" Dia. x 4-ft	190	RADIO 4480 B71_TMO	165
(2) MX06FRO660-02 w/ Mount Pipe	190	Sector Mount [SM 803-3]	150
(2) MX06FRO660-02 w/ Mount Pipe	190	EPBQ-654L8H8 w/ Mount Pipe	150
(2) MX06FRO660-02 w/ Mount Pipe	190	EPBQ-654L8H8 w/ Mount Pipe	150
MT6407-77A w/ Mount Pipe	190	EPBQ-654L8H8 w/ Mount Pipe	150
MT6407-77A w/ Mount Pipe	190	(2) RA21.7770.00 w/Mount pipe	150
MT6407-77A w/ Mount Pipe	190	(2) RA21.7770.00 w/Mount pipe	150
RVZDC-6627-PF-48	190	(2) RA21.7770.00 w/Mount pipe	150
B2/B66A RRH-BR049	190	RRUS 11	150
B2/B66A RRH-BR049	190	RRUS 11	150
B2/B66A RRH-BR049	190	RRUS 11	150
B5/B13 RRH-BR04C	190	(2) LGP21401	150
B5/B13 RRH-BR04C	190	(2) LGP21401	150
B5/B13 RRH-BR04C	190	(2) LGP21401	150
LNX-8513DS-A1M w/ 8' MP	190	LGP219nn (Diplex)	150
LNX-8513DS-A1M w/ 8' MP	190	LGP219nn (Diplex)	150
LNX-8513DS-A1M w/ 8' MP	190	LGP219nn (Diplex)	150
Sector Mount [SM 803-3]	177	782 10253	150
Sitepro VFA12-HD Sector Mount (3)	165	782 10253	150
APXVAALL24_43-U-NA20 w/ mount pipe	165	782 10253	150
APXVAALL24_43-U-NA20 w/ mount pipe	165	DC6-48-60-18-8F	150

SYMBOL LIST

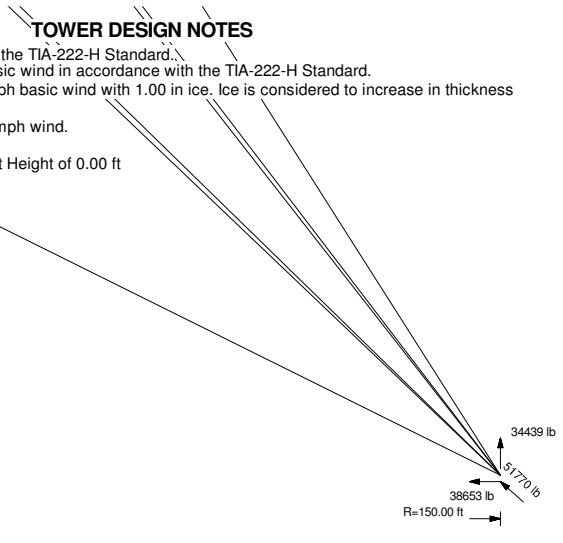
MARK	SIZE	MARK	SIZE
A	L1 3/4x1 3/4x3/16		

MATERIAL STRENGTH

GRADE	Fy	Fu	GRADE	Fy	Fu
A572-55	55 ksi	70 ksi	A36	36 ksi	58 ksi

TOWER DESIGN NOTES

1. Tower designed for Exposure B to the TIA-222-H Standard.
2. Tower designed for a 120 mph basic wind in accordance with the TIA-222-H Standard.
3. Tower is also designed for a 50 mph basic wind with 1.00 in ice. Ice is considered to increase in thickness with height.
4. Deflections are based upon a 60 mph wind.
5. Tower Risk Category II.
6. Topographic Category 1 with Crest Height of 0.00 ft
7. TOWER RATING: 62.6%



ALL REACTIONS ARE FACTORED

Tower Engineering Professionals, Inc.
326 Tryon Road
Raleigh, NC 27603
Phone: (919) 661-6151
FAX: (919) 661-6350

Job: Eastford CDT (702497)			
Project: TEP No. 25707.576390			
Client: Everest Infrastruture Partners	Drawn by: W. Harrison Welch, E.I.	App'd:	
Code: TIA-222-H	Date: 09/10/21	Scale: NTS	
Path:		Dwg No. E-1	

Tower Input Data

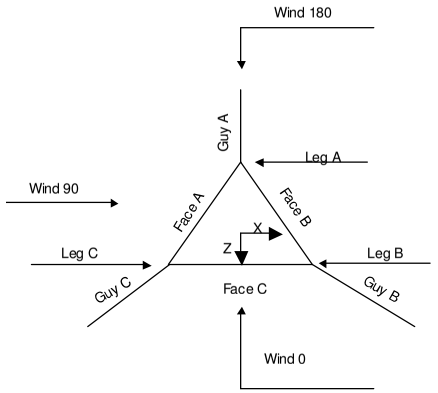
The main tower is a 3x guyed tower with an overall height of 190.83 ft above the ground line.
The base of the tower is set at an elevation of 0.00 ft above the ground line.
The face width of the tower is 3.50 ft at the top and 3.50 ft at the base.
This tower is designed using the TIA-222-H standard.
The following design criteria apply:

- Tower base elevation above sea level: 751.87 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: 0.00 ft.
- Nominal ice thickness of 1.0000 in.
- Ice thickness is considered to increase with height.
- Ice density of 56 pcf.
- A wind speed of 50 mph is used in combination with ice.
- Temperature drop of 50 °F.
- Deflections calculated using a wind speed of 60 mph.
- I-Beam base is 0.83 ft above the pivot.
- Pressures are calculated at each section.
- Stress ratio used in tower member design is 1.05.
- Safety factor used in guy design is 0.9524.
- 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.
- Local bending stresses due to climbing loads, feed line supports, and appurtenance mounts are not considered.

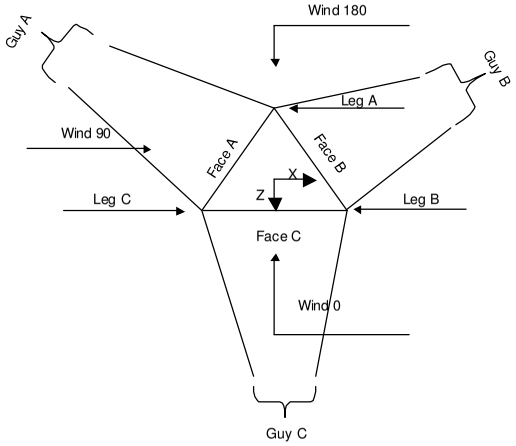
Options

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

tnxTower	Job	Page
Tower Engineering Professionals, Inc. 326 Tryon Road Raleigh, NC 27603 Phone: (919) 661-6151 FAX: (919) 661-6350	Eastford CDT (702497)	2 of 31
	Project: TEP No. 25707.576390	Date: 10:15:37 09/10/21
	Client: Everest Infrastruture Partners	Designed by: W. Harrison Welch, E.I.



Corner & Starmount Guyed Tower



Face Guyed

Tower Section Geometry

Tower Section	Tower Elevation ft	Assembly Database	Description	Section Width ft	Number of Sections	Section Length ft
T1	190.83-180.83			3.50	1	10.00
T2	180.83-160.83			3.50	1	20.00
T3	160.83-140.83			3.50	1	20.00
T4	140.83-120.83			3.50	1	20.00
T5	120.83-100.83			3.50	1	20.00
T6	100.83-80.83			3.50	1	20.00
T7	80.83-60.83			3.50	1	20.00
T8	60.83-40.83			3.50	1	20.00
T9	40.83-20.83			3.50	1	20.00
T10	20.83-0.83			3.50	1	20.00

Tower Section Geometry *(cont'd)*

Tower Section	Tower Elevation ft	Diagonal Spacing ft	Bracing Type	Has K Brace End Panels	Has Horizontals	Top Girt Offset in	Bottom Girt Offset in
T1	190.83-180.83	3.31	TX Brace	No	Yes	0.0000	1.0000
T2	180.83-160.83	3.31	TX Brace	No	Yes	1.0000	1.0000
T3	160.83-140.83	3.31	TX Brace	No	Yes	1.0000	1.0000
T4	140.83-120.83	3.31	TX Brace	No	Yes	1.0000	1.0000
T5	120.83-100.83	3.31	TX Brace	No	Yes	1.0000	1.0000
T6	100.83-80.83	3.31	TX Brace	No	Yes	1.0000	1.0000
T7	80.83-60.83	3.31	TX Brace	No	Yes	1.0000	1.0000
T8	60.83-40.83	3.31	TX Brace	No	Yes	1.0000	1.0000
T9	40.83-20.83	3.31	TX Brace	No	Yes	1.0000	1.0000
T10	20.83-0.83	3.32	TX Brace	No	Yes	1.0000	0.0000

Tower Section Geometry *(cont'd)*

Tower Elevation ft	Leg Type	Leg Size	Leg Grade	Diagonal Type	Diagonal Size	Diagonal Grade
T1 190.83-180.83	Pipe	P2.5x0.203	A572-55 (55 ksi)	Solid Round	5/8	A36 (36 ksi)
T2 180.83-160.83	Pipe	P2.5x0.203	A572-55 (55 ksi)	Solid Round	5/8	A36 (36 ksi)
T3 160.83-140.83	Pipe	P2.5x0.203	A572-55 (55 ksi)	Solid Round	5/8	A36 (36 ksi)
T4 140.83-120.83	Pipe	P2.5x0.203	A572-55 (55 ksi)	Solid Round	5/8	A36 (36 ksi)
T5 120.83-100.83	Pipe	P2.5x0.203	A572-55 (55 ksi)	Solid Round	5/8	A36 (36 ksi)
T6 100.83-80.83	Pipe	P2.5x0.203	A572-55 (55 ksi)	Solid Round	5/8	A36 (36 ksi)
T7 80.83-60.83	Pipe	P2.5x0.203	A572-55 (55 ksi)	Solid Round	5/8	A36 (36 ksi)
T8 60.83-40.83	Pipe	P2.5x0.203	A572-55 (55 ksi)	Solid Round	5/8	A36 (36 ksi)
T9 40.83-20.83	Pipe	P2.5x0.203	A572-55 (55 ksi)	Solid Round	5/8	A36 (36 ksi)
T10 20.83-0.83	Pipe	P2.5x0.203	A572-55 (55 ksi)	Solid Round	5/8	A36 (36 ksi)

Tower Section Geometry *(cont'd)*

Tower Elevation ft	Top Girt Type	Top Girt Size	Top Girt Grade	Bottom Girt Type	Bottom Girt Size	Bottom Girt Grade
T1 190.83-180.83	Equal Angle	L1 1/2x1 1/2x3/16	A36 (36 ksi)	Equal Angle	L1 1/2x1 1/2x3/16	A36 (36 ksi)
T2 180.83-160.83	Equal Angle	L1 1/2x1 1/2x3/16	A36 (36 ksi)	Equal Angle	L1 1/2x1 1/2x3/16	A36 (36 ksi)
T3 160.83-140.83	Equal Angle	L1 1/2x1 1/2x3/16	A36 (36 ksi)	Equal Angle	L1 1/2x1 1/2x3/16	A36 (36 ksi)
T4 140.83-120.83	Equal Angle	L1 1/2x1 1/2x3/16	A36 (36 ksi)	Equal Angle	L1 1/2x1 1/2x3/16	A36 (36 ksi)
T5 120.83-100.83	Equal Angle	L1 1/2x1 1/2x3/16	A36	Equal Angle	L1 1/2x1 1/2x3/16	A36

Tower Elevation ft	Top Girt Type	Top Girt Size	Top Girt Grade	Bottom Girt Type	Bottom Girt Size	Bottom Girt Grade
			(36 ksi)			(36 ksi)
T6 100.83-80.83	Equal Angle	L1 1/2x1 1/2x3/16	A36 (36 ksi)	Equal Angle	L1 1/2x1 1/2x3/16	A36 (36 ksi)
T7 80.83-60.83	Equal Angle	L1 1/2x1 1/2x3/16	A36 (36 ksi)	Equal Angle	L1 1/2x1 1/2x3/16	A36 (36 ksi)
T8 60.83-40.83	Equal Angle	L1 1/2x1 1/2x3/16	A36 (36 ksi)	Equal Angle	L1 1/2x1 1/2x3/16	A36 (36 ksi)
T9 40.83-20.83	Equal Angle	L1 1/2x1 1/2x3/16	A36 (36 ksi)	Equal Angle	L1 1/2x1 1/2x3/16	A36 (36 ksi)
T10 20.83-0.83	Equal Angle	L1 1/2x1 1/2x3/16	A36 (36 ksi)	Equal Angle	L1 1/2x1 1/2x3/16	A36 (36 ksi)

Tower Section Geometry *(cont'd)*

Tower Elevation ft	No. of Mid Girts	Mid Girt Type	Mid Girt Size	Mid Girt Grade	Horizontal Type	Horizontal Size	Horizontal Grade
T1 190.83-180.83	None	Flat Bar		A36 (36 ksi)	Single Angle	L1 1/2x1 1/2x3/16	A36 (36 ksi)
T2 180.83-160.83	None	Flat Bar		A36 (36 ksi)	Single Angle	L1 1/2x1 1/2x3/16	A36 (36 ksi)
T3 160.83-140.83	None	Flat Bar		A36 (36 ksi)	Single Angle	L1 1/2x1 1/2x3/16	A36 (36 ksi)
T4 140.83-120.83	None	Flat Bar		A36 (36 ksi)	Single Angle	L1 1/2x1 1/2x3/16	A36 (36 ksi)
T5 120.83-100.83	None	Flat Bar		A36 (36 ksi)	Single Angle	L1 1/2x1 1/2x3/16	A36 (36 ksi)
T6 100.83-80.83	None	Flat Bar		A36 (36 ksi)	Single Angle	L1 1/2x1 1/2x3/16	A36 (36 ksi)
T7 80.83-60.83	None	Flat Bar		A36 (36 ksi)	Single Angle	L1 1/2x1 1/2x3/16	A36 (36 ksi)
T8 60.83-40.83	None	Flat Bar		A36 (36 ksi)	Single Angle	L1 1/2x1 1/2x3/16	A36 (36 ksi)
T9 40.83-20.83	None	Flat Bar		A36 (36 ksi)	Single Angle	L1 1/2x1 1/2x3/16	A36 (36 ksi)
T10 20.83-0.83	None	Flat Bar		A36 (36 ksi)	Single Angle	L1 1/2x1 1/2x3/16	A36 (36 ksi)

Tower Section Geometry *(cont'd)*

Tower Elevation ft	Gusset Area (per face) ft²	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
T1 190.83-180.83	0.00	0.0000	A36 (36 ksi)	1	1	1	36.0000	36.0000	36.0000
T2 180.83-160.83	0.00	0.0000	A36 (36 ksi)	1	1	1	36.0000	36.0000	36.0000
T3	0.00	0.0000	A36	1	1	1	36.0000	36.0000	36.0000

Tower Elevation ft	Gusset Area (per face) ft²	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
160.83-140.83			(36 ksi)						
T4 140.83-120.83	0.00	0.0000	A36 (36 ksi)	1	1	1	36.0000	36.0000	36.0000
T5 120.83-100.83	0.00	0.0000	A36 (36 ksi)	1	1	1	36.0000	36.0000	36.0000
T6 100.83-80.83	0.00	0.0000	A36 (36 ksi)	1	1	1	36.0000	36.0000	36.0000
T7 80.83-60.83	0.00	0.0000	A36 (36 ksi)	1	1	1	36.0000	36.0000	36.0000
T8 60.83-40.83	0.00	0.0000	A36 (36 ksi)	1	1	1	36.0000	36.0000	36.0000
T9 40.83-20.83	0.00	0.0000	A36 (36 ksi)	1	1	1	36.0000	36.0000	36.0000
T10 20.83-0.83	0.00	0.0000	A36 (36 ksi)	1	1	1	36.0000	36.0000	36.0000

Tower Section Geometry *(cont'd)*

Tower Elevation ft	Calc K Single Angles	Calc K Solid Rounds	K Factors[1] Legs	X Brace Diags X Y	K Brace Diags X Y	Single Diags X Y	Girts X Y	Horiz. X Y	Sec. Horiz. X Y	Inner Brace X Y
T1 190.83-180.83	Yes	Yes	1	1 1	1 1	1 1	1 1	1 1	1 1	1 1
T2 180.83-160.83	Yes	Yes	1	1 1	1 1	1 1	1 1	1 1	1 1	1 1
T3 160.83-140.83	Yes	Yes	1	1 1	1 1	1 1	1 1	1 1	1 1	1 1
T4 140.83-120.83	Yes	Yes	1	1 1	1 1	1 1	1 1	1 1	1 1	1 1
T5 120.83-100.83	Yes	Yes	1	1 1	1 1	1 1	1 1	1 1	1 1	1 1
T6 100.83-80.83	Yes	Yes	1	1 1	1 1	1 1	1 1	1 1	1 1	1 1
T7 80.83-60.83	Yes	Yes	1	1 1	1 1	1 1	1 1	1 1	0.5 1	1 1
T8 60.83-40.83	Yes	Yes	1	1 1	1 1	1 1	1 1	1 1	0.5 1	1 1
T9 40.83-20.83	Yes	Yes	1	1 1	1 1	1 1	1 1	1 1	0.5 1	1 1
T10 20.83-0.83	Yes	Yes	1	1 1	1 1	1 1	1 1	1 1	0.5 1	1 1

[1]*Note: K factors are applied to member segment lengths. K-braces without inner supporting members will have the K factor in the out-of-plane direction applied to the overall length.*

Tower Section Geometry *(cont'd)*

Tower Elevation ft	Leg		Diagonal		Top Girt		Bottom Girt		Mid Girt		Long Horizontal		Short Horizontal	
	Net Width Deduct in	U	Net Width Deduct in	U	Net Width Deduct in	U	Net Width Deduct in	U	Net Width Deduct in	U	Net Width Deduct in	U	Net Width Deduct in	U
T1 190.83-180.83	0.0000	1	0.0000	1	0.0000	1	0.0000	1	0.0000	0.75	0.0000	1	0.0000	0.75
T2 180.83-160.83	0.0000	1	0.0000	1	0.0000	1	0.0000	1	0.0000	0.75	0.0000	1	0.0000	0.75
T3 160.83-140.83	0.0000	1	0.0000	1	0.0000	1	0.0000	1	0.0000	0.75	0.0000	1	0.0000	0.75
T4 140.83-120.83	0.0000	1	0.0000	1	0.0000	1	0.0000	1	0.0000	0.75	0.0000	1	0.0000	0.75
T5 120.83-100.83	0.0000	1	0.0000	1	0.0000	1	0.0000	1	0.0000	0.75	0.0000	1	0.0000	0.75
T6 100.83-80.83	0.0000	1	0.0000	1	0.0000	1	0.0000	1	0.0000	0.75	0.0000	1	0.0000	1
T7 80.83-60.83	0.0000	1	0.0000	1	0.0000	1	0.0000	1	0.0000	0.75	0.0000	1	0.0000	1
T8 60.83-40.83	0.0000	1	0.0000	1	0.0000	1	0.0000	1	0.0000	0.75	0.0000	1	0.0000	1
T9 40.83-20.83	0.0000	1	0.0000	1	0.0000	1	0.0000	1	0.0000	0.75	0.0000	1	0.0000	1
T10 20.83-0.83	0.0000	1	0.0000	1	0.0000	1	0.0000	1	0.0000	0.75	0.0000	1	0.0000	1

Tower Elevation ft	Redundant Horizontal		Redundant Diagonal		Redundant Sub-Diagonal		Redundant Sub-Horizontal		Redundant Vertical		Redundant Hip		Redundant Hip Diagonal	
	Net Width Deduct in	U	Net Width Deduct in	U	Net Width Deduct in	U	Net Width Deduct in	U	Net Width Deduct in	U	Net Width Deduct in	U	Net Width Deduct in	U
T1 190.83-180.83	0.0000	0.75	0.0000	0.75	0.0000	0.75	0.0000	0.75	0.0000	0.75	0.0000	0.75	0.0000	0.75
T2 180.83-160.83	0.0000	0.75	0.0000	0.75	0.0000	0.75	0.0000	0.75	0.0000	0.75	0.0000	0.75	0.0000	0.75
T3 160.83-140.83	0.0000	0.75	0.0000	0.75	0.0000	0.75	0.0000	0.75	0.0000	0.75	0.0000	0.75	0.0000	0.75
T4 140.83-120.83	0.0000	0.75	0.0000	0.75	0.0000	0.75	0.0000	0.75	0.0000	0.75	0.0000	0.75	0.0000	0.75
T5 120.83-100.83	0.0000	0.75	0.0000	0.75	0.0000	0.75	0.0000	0.75	0.0000	0.75	0.0000	0.75	0.0000	0.75
T6 100.83-80.83	0.0000	0.75	0.0000	0.75	0.0000	0.75	0.0000	0.75	0.0000	0.75	0.0000	0.75	0.0000	0.75
T7 80.83-60.83	0.0000	0.75	0.0000	0.75	0.0000	0.75	0.0000	0.75	0.0000	0.75	0.0000	0.75	0.0000	0.75
T8 60.83-40.83	0.0000	0.75	0.0000	0.75	0.0000	0.75	0.0000	0.75	0.0000	0.75	0.0000	0.75	0.0000	0.75
T9 40.83-20.83	0.0000	0.75	0.0000	0.75	0.0000	0.75	0.0000	0.75	0.0000	0.75	0.0000	0.75	0.0000	0.75
T10 20.83-0.83	0.0000	0.75	0.0000	0.75	0.0000	0.75	0.0000	0.75	0.0000	0.75	0.0000	0.75	0.0000	0.75

Tower Section Geometry *(cont'd)*

Tower Elevation ft	Leg Connection Type	Leg		Diagonal		Top Girt		Bottom Girt		Mid Girt		Long Horizontal		Short Horizontal	
		Bolt Size in	No.	Bolt Size in	No.	Bolt Size in	No.	Bolt Size in	No.	Bolt Size in	No.	Bolt Size in	No.	Bolt Size in	No.
T1 190.83-180.83	Flange	0.7500 A325N	4	0.0000 A325N	0	0.0000 A325N	0	0.0000 A325N	0	0.6250 A325N	0	0.0000 A325N	0	0.6250 A325N	0

Tower Elevation ft	Leg Connection Type	Leg		Diagonal		Top Girt		Bottom Girt		Mid Girt		Long Horizontal		Short Horizontal	
		Bolt Size in	No.	Bolt Size in	No.	Bolt Size in	No.	Bolt Size in	No.	Bolt Size in	No.	Bolt Size in	No.	Bolt Size in	No.
T2 180.83-160.83	Flange	0.7500 A325N	4	0.0000 A325N	0	0.0000 A325N	0	0.0000 A325N	0	0.6250 A325N	0	0.0000 A325N	0	0.6250 A325N	0
T3 160.83-140.83	Flange	0.7500 A325N	4	0.0000 A325N	0	0.0000 A325N	0	0.0000 A325N	0	0.6250 A325N	0	0.0000 A325N	0	0.6250 A325N	0
T4 140.83-120.83	Flange	0.7500 A325N	4	0.0000 A325N	0	0.0000 A325N	0	0.0000 A325N	0	0.6250 A325N	0	0.0000 A325N	0	0.6250 A325N	0
T5 120.83-100.83	Flange	0.7500 A325N	4	0.0000 A325N	0	0.0000 A325N	0	0.0000 A325N	0	0.6250 A325N	0	0.0000 A325N	0	0.6250 A325N	0
T6 100.83-80.83	Flange	0.7500 A325N	4	0.0000 A325N	0	0.0000 A325N	0	0.0000 A325N	0	0.6250 A325N	0	0.0000 A325N	0	0.6250 A325N	1
T7 80.83-60.83	Flange	0.7500 A325N	4	0.0000 A325N	0	0.0000 A325N	0	0.0000 A325N	0	0.6250 A325N	0	0.0000 A325N	0	0.6250 A325N	1
T8 60.83-40.83	Flange	0.7500 A325N	4	0.0000 A325N	0	0.0000 A325N	0	0.0000 A325N	0	0.6250 A325N	0	0.0000 A325N	0	0.6250 A325N	1
T9 40.83-20.83	Flange	0.7500 A325N	4	0.0000 A325N	0	0.0000 A325N	0	0.0000 A325N	0	0.6250 A325N	0	0.0000 A325N	0	0.6250 A325N	1
T10 20.83-0.83	Flange	0.7500 A325N	4	0.0000 A325N	0	0.0000 A325N	0	0.0000 A325N	0	0.6250 A325N	0	0.0000 A325N	0	0.6250 A325N	1

Guy Data

Guy Elevation ft	Guy Grade		Guy Size	Initial Tension lb	%	Guy Modulus ksi	Guy Weight plf	L_u ft	Anchor Radius ft	Anchor Azimuth Adj. °	Anchor Elevation ft	End Fitting Efficiency %
190.833	EHS	A	9/16	3500	10%	23000	0.671	241.30	150.00	0.000	0.00	100%
		B	9/16	3500	10%	23000	0.671	241.30	150.00	0.000	0.00	100%
		C	9/16	3500	10%	23000	0.671	241.30	150.00	0.000	0.00	100%
157.444	EHS	A	5/8	4240	10%	23000	0.813	215.93	150.00	0.000	0.00	100%
		B	5/8	4240	10%	23000	0.813	215.93	150.00	0.000	0.00	100%
		C	5/8	4240	10%	23000	0.813	215.93	150.00	0.000	0.00	100%
117.444	EHS	A	9/16	3500	10%	23000	0.671	188.81	150.00	0.000	0.00	100%
		B	9/16	3500	10%	23000	0.671	188.81	150.00	0.000	0.00	100%
		C	9/16	3500	10%	23000	0.671	188.81	150.00	0.000	0.00	100%
60.75	EHS	A	9/16	3500	10%	23000	0.671	159.84	150.00	0.000	0.00	100%
		B	9/16	3500	10%	23000	0.671	159.84	150.00	0.000	0.00	100%
		C	9/16	3500	10%	23000	0.671	159.84	150.00	0.000	0.00	100%

Guy Data *(cont'd)*

Guy Elevation ft	Mount Type	Torque-Arm Spread ft	Torque-Arm Leg Angle °	Torque-Arm Style	Torque-Arm Grade	Torque-Arm Type	Torque-Arm Size
190.833	Corner						
157.444	Torque Arm	7.00	30.000	Dog Ear	A36 (36 ksi)	Equal Angle	L3x3x1/4
117.444	Torque Arm	7.00	30.000	Dog Ear	A36 (36 ksi)	Equal Angle	L3x3x1/4
60.75	Corner						

Guy Data *(cont'd)*

Guy Elevation ft	Diagonal Grade	Diagonal Type	Upper Diagonal Size	Lower Diagonal Size	Is Strap.	Pull-Off Grade	Pull-Off Type	Pull-Off Size
190.83	A572-50 (50 ksi)	Solid Round			No	A36 (36 ksi)	Equal Angle	L1 3/4x1 3/4x3/16
157.44	A572-50 (50 ksi)	Solid Round			No	A36 (36 ksi)	Equal Angle	L 2 x 2 x 5/16
117.44	A572-50 (50 ksi)	Solid Round			No	A36 (36 ksi)	Equal Angle	L 2 x 2 x 5/16
60.75	A572-50 (50 ksi)	Solid Round			No	A36 (36 ksi)	Equal Angle	L1 3/4x1 3/4x3/16

Guy Data *(cont'd)*

Guy Elevation ft	Cable Weight A lb	Cable Weight B lb	Cable Weight C lb	Cable Weight D lb	Tower Intercept A ft	Tower Intercept B ft	Tower Intercept C ft	Tower Intercept D ft
190.833	162	162	162		5.49 4.0 sec/pulse	5.49 4.0 sec/pulse	5.49 4.0 sec/pulse	
157.444	176	176	176		4.41 3.6 sec/pulse	4.41 3.6 sec/pulse	4.41 3.6 sec/pulse	
117.444	127	127	127		3.38 3.2 sec/pulse	3.38 3.2 sec/pulse	3.38 3.2 sec/pulse	
60.75	107	107	107		2.44 2.7 sec/pulse	2.44 2.7 sec/pulse	2.44 2.7 sec/pulse	

Guy Data *(cont'd)*

Guy Elevation ft	Calc K Single Angles	Calc K Solid Rounds	Torque Arm K_x	Torque Arm K_y	Pull Off K_x	Pull Off K_y	Diagonal K_x	Diagonal K_y
190.833	No	No			1	1	1	1
157.444	No	No	1	1	1	1	1	1
117.444	No	No	1	1	1	1	1	1
60.75	No	No			1	1	1	1

Guy Data *(cont'd)*

Guy Elevation ft	Torque-Arm Bolt Size in	Torque-Arm Number	Torque-Arm Net Width Deduct in	Torque-Arm U	Pull Off Bolt Size in	Pull Off Number	Pull Off Net Width Deduct in	Pull Off U	Diagonal Bolt Size in	Diagonal Number	Diagonal Net Width Deduct in	Diagonal U
190.833	0.0000 A325N	0	0.0000	1	0.0000 A325N	0	0.0000	1	0.6250 A325N	0	0.0000	0.75
157.444	0.7500 A325N	2	0.0000	0.75	0.7500 A325N	0	0.0000	1	0.6250 A325N	0	0.0000	0.75
117.444	0.7500 A325N	2	0.0000	0.75	0.7500 A325N	0	0.0000	1	0.6250 A325N	0	0.0000	0.75
60.75	0.6250 A325N	0	0.0000	0.75	0.0000 A325N	0	0.0000	1	0.6250 A325N	0	0.0000	0.75

Guy Pressures

Guy Elevation ft	Guy Location	z ft	q_z psf	q_z Ice psf	Ice Thickness in
190.833	A	95.42	28	5	0.9452
	B	95.42	28	5	0.9452
	C	95.42	28	5	0.9452
157.444	A	78.72	27	5	0.9272
	B	78.72	27	5	0.9272
	C	78.72	27	5	0.9272
117.444	A	58.72	25	4	0.9004
	B	58.72	25	4	0.9004
	C	58.72	25	4	0.9004
60.75	A	30.37	20	4	0.8430
	B	30.37	20	4	0.8430
	C	30.37	20	4	0.8430

Feed Line/Linear Appurtenances - Entered As Round Or Flat

Description	Face or Leg	Allow Shield	Exclude From Torque Calculation	Component Type	Placement ft	Face Offset in	Lateral Offset (Frac FW)	#	# Per Row	Clear Spacing in	Width or Diameter in	Perimeter in	Weight plf
Climbing Ladder	A	No	No	Ar (CaAa)	190.00 - 0.00	0.0000	-0.25	1	1	1.5000	1.5000		5.41
Safety Line 3/8 ****	A	No	No	Ar (CaAa)	190.00 - 0.00	0.0000	-0.25	1	1	0.3750	0.3750		0.22
LDF7-50A (1-5/8 FOAM)	A	No	No	Ar (CaAa)	190.00 - 8.00	0.0000	0.375	12	8	0.5000	1.9800		0.82
6x12 Hybrid ****	A	No	No	Ar (CaAa)	190.00 - 8.00	2.0000	0.3	2	2	0.5000	1.4930		1.87
FDH1204-48S E2-100M (6x24) ****	B	No	No	Ar (CaAa)	165.00 - 8.00	0.0000	-0.25	4	4	0.5000	1.6730		2.22
LDF7-50A (1-5/8 FOAM)	B	No	No	Ar (CaAa)	151.50 - 8.00	0.0000	0.375	12	4	0.5000	1.9800		0.82
FB-L98-002-XXX(3/8)	B	No	No	Ar (CaAa)	151.50 - 8.00	0.0000	0.45	1	1	0.3937	0.3937		0.06
WR-E82G1(3/	B	No	No	Ar (CaAa)	151.50 -	0.2500	0.45	2	1	0.5000	0.8220		0.38

Description	Face or Leg	Allow Shield	Exclude From Torque Calculation	Component Type	Placement ft	Face Offset in	Lateral Offset (Frac FW)	#	# Per Row	Clear Spacing in	Width or Diameter in	Perimeter in	Weight plf
4) ****					8.00								

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 plf
****								

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 lb
T1	190.83-180.83	A	0.000	0.000	26.236	0.000	176
		B	0.000	0.000	0.000	0.000	0
		C	0.000	0.000	0.000	0.000	0
T2	180.83-160.83	A	0.000	0.000	57.242	0.000	384
		B	0.000	0.000	2.788	0.000	37
		C	0.000	0.000	0.000	0.000	0
T3	160.83-140.83	A	0.000	0.000	57.242	0.000	384
		B	0.000	0.000	40.902	0.000	291
		C	0.000	0.000	0.000	0.000	0
T4	140.83-120.83	A	0.000	0.000	57.242	0.000	384
		B	0.000	0.000	64.979	0.000	391
		C	0.000	0.000	0.000	0.000	0
T5	120.83-100.83	A	0.000	0.000	57.242	0.000	384
		B	0.000	0.000	64.979	0.000	391
		C	0.000	0.000	0.000	0.000	0
T6	100.83-80.83	A	0.000	0.000	57.242	0.000	384
		B	0.000	0.000	64.979	0.000	391
		C	0.000	0.000	0.000	0.000	0
T7	80.83-60.83	A	0.000	0.000	57.242	0.000	384
		B	0.000	0.000	64.979	0.000	391
		C	0.000	0.000	0.000	0.000	0
T8	60.83-40.83	A	0.000	0.000	57.242	0.000	384
		B	0.000	0.000	64.979	0.000	391
		C	0.000	0.000	0.000	0.000	0
T9	40.83-20.83	A	0.000	0.000	57.242	0.000	384
		B	0.000	0.000	64.979	0.000	391
		C	0.000	0.000	0.000	0.000	0
T10	20.83-0.83	A	0.000	0.000	38.074	0.000	287
		B	0.000	0.000	41.695	0.000	251
		C	0.000	0.000	0.000	0.000	0

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 lb
T1	190.83-180.83	A	1.010	0.000	0.000	38.486	0.000	526
		B		0.000	0.000	0.000	0.000	0
		C		0.000	0.000	0.000	0.000	0
T2	180.83-160.83	A	1.002	0.000	0.000	83.790	0.000	1142
		B		0.000	0.000	5.645	0.000	79
		C		0.000	0.000	0.000	0.000	0
T3	160.83-140.83	A	0.990	0.000	0.000	83.528	0.000	1134
		B		0.000	0.000	55.492	0.000	808
		C		0.000	0.000	0.000	0.000	0
T4	140.83-120.83	A	0.976	0.000	0.000	83.233	0.000	1125
		B		0.000	0.000	80.067	0.000	1178
		C		0.000	0.000	0.000	0.000	0
T5	120.83-100.83	A	0.959	0.000	0.000	82.894	0.000	1114
		B		0.000	0.000	79.676	0.000	1167
		C		0.000	0.000	0.000	0.000	0
T6	100.83-80.83	A	0.941	0.000	0.000	82.494	0.000	1102
		B		0.000	0.000	79.216	0.000	1154
		C		0.000	0.000	0.000	0.000	0
T7	80.83-60.83	A	0.917	0.000	0.000	82.007	0.000	1087
		B		0.000	0.000	78.654	0.000	1139
		C		0.000	0.000	0.000	0.000	0
T8	60.83-40.83	A	0.888	0.000	0.000	81.375	0.000	1068
		B		0.000	0.000	77.926	0.000	1120
		C		0.000	0.000	0.000	0.000	0
T9	40.83-20.83	A	0.844	0.000	0.000	80.462	0.000	1040
		B		0.000	0.000	76.875	0.000	1092
		C		0.000	0.000	0.000	0.000	0
T10	20.83-0.83	A	0.760	0.000	0.000	54.020	0.000	697
		B		0.000	0.000	48.023	0.000	667
		C		0.000	0.000	0.000	0.000	0

Feed Line Center of Pressure

Section	Elevation ft	CP_X in	CP_Z in	CP_X Ice in	CP_Z Ice in
T1	190.83-180.83	-2.3916	-9.5592	-2.5539	-6.7382
T2	180.83-160.83	-2.3935	-10.3126	-2.6395	-7.5803
T3	160.83-140.83	1.3229	-8.8012	0.8381	-6.6862
T4	140.83-120.83	3.4010	-7.4172	2.8368	-5.5337
T5	120.83-100.83	3.3846	-7.3932	2.8416	-5.5541
T6	100.83-80.83	3.4010	-7.4172	2.8715	-5.6147
T7	80.83-60.83	3.4010	-7.4172	2.8946	-5.6686
T8	60.83-40.83	3.3928	-7.4052	2.9189	-5.7305
T9	40.83-20.83	3.4010	-7.4172	2.9681	-5.8417
T10	20.83-0.83	2.4517	-6.1729	1.9313	-4.8107

Shielding Factor Ka

Tower Section	Feed Line Record No.	Description	Feed Line Segment Elev.	K_a No Ice	K_a Ice
T1	1	Climbing Ladder	180.83 - 190.00	0.6000	0.5397
T1	2	Safety Line 3/8	180.83 - 190.00	0.6000	0.5397
T1	4	LDF7-50A (1-5/8 FOAM)	180.83 - 190.00	0.6000	0.5397
T1	5	6x12 Hybrid	180.83 - 190.00	0.6000	0.5397
T2	1	Climbing Ladder	160.83 - 180.83	0.6000	0.5557
T2	2	Safety Line 3/8	160.83 - 180.83	0.6000	0.5557
T2	4	LDF7-50A (1-5/8 FOAM)	160.83 - 180.83	0.6000	0.5557
T2	5	6x12 Hybrid	160.83 - 180.83	0.6000	0.5557
T2	7	FDH1204-48SE2-100M (6x24)	160.83 - 165.00	0.6000	0.5557
T3	1	Climbing Ladder	140.83 - 160.83	0.6000	0.5568
T3	2	Safety Line 3/8	140.83 - 160.83	0.6000	0.5568
T3	4	LDF7-50A (1-5/8 FOAM)	140.83 - 160.83	0.6000	0.5568
T3	5	6x12 Hybrid	140.83 - 160.83	0.6000	0.5568
T3	7	FDH1204-48SE2-100M (6x24)	140.83 - 160.83	0.6000	0.5568
T3	9	LDF7-50A (1-5/8 FOAM)	140.83 - 151.50	0.6000	0.5568
T3	10	FB-L98-002-XXX(3/8)	140.83 - 151.50	0.6000	0.5568
T3	11	WR-E82G1(3/4)	140.83 - 151.50	0.6000	0.5568
T4	1	Climbing Ladder	120.83 - 140.83	0.6000	0.5617
T4	2	Safety Line 3/8	120.83 - 140.83	0.6000	0.5617
T4	4	LDF7-50A (1-5/8 FOAM)	120.83 - 140.83	0.6000	0.5617
T4	5	6x12 Hybrid	120.83 - 140.83	0.6000	0.5617
T4	7	FDH1204-48SE2-100M (6x24)	120.83 - 140.83	0.6000	0.5617
T4	9	LDF7-50A (1-5/8 FOAM)	120.83 - 140.83	0.6000	0.5617
T4	10	FB-L98-002-XXX(3/8)	120.83 - 140.83	0.6000	0.5617
T4	11	WR-E82G1(3/4)	120.83 - 140.83	0.6000	0.5617
T5	1	Climbing Ladder	100.83 - 120.83	0.6000	0.5637
T5	2	Safety Line 3/8	100.83 - 120.83	0.6000	0.5637
T5	4	LDF7-50A (1-5/8 FOAM)	100.83 - 120.83	0.6000	0.5637
T5	5	6x12 Hybrid	100.83 - 120.83	0.6000	0.5637
T5	7	FDH1204-48SE2-100M (6x24)	100.83 - 120.83	0.6000	0.5637
T5	9	LDF7-50A (1-5/8 FOAM)	100.83 - 120.83	0.6000	0.5637
T5	10	FB-L98-002-XXX(3/8)	100.83 - 120.83	0.6000	0.5637
T5	11	WR-E82G1(3/4)	100.83 - 120.83	0.6000	0.5637
T6	1	Climbing Ladder	80.83 - 100.83	0.6000	0.5698
T6	2	Safety Line 3/8	80.83 - 100.83	0.6000	0.5698
T6	4	LDF7-50A (1-5/8 FOAM)	80.83 - 100.83	0.6000	0.5698
T6	5	6x12 Hybrid	80.83 - 100.83	0.6000	0.5698
T6	7	FDH1204-48SE2-100M (6x24)	80.83 - 100.83	0.6000	0.5698
T6	9	LDF7-50A (1-5/8 FOAM)	80.83 - 100.83	0.6000	0.5698
T6	10	FB-L98-002-XXX(3/8)	80.83 - 100.83	0.6000	0.5698
T6	11	WR-E82G1(3/4)	80.83 - 100.83	0.6000	0.5698
T7	1	Climbing Ladder	60.83 - 80.83	0.6000	0.5751
T7	2	Safety Line 3/8	60.83 - 80.83	0.6000	0.5751
T7	4	LDF7-50A (1-5/8 FOAM)	60.83 - 80.83	0.6000	0.5751
T7	5	6x12 Hybrid	60.83 - 80.83	0.6000	0.5751
T7	7	FDH1204-48SE2-100M (6x24)	60.83 - 80.83	0.6000	0.5751
T7	9	LDF7-50A (1-5/8 FOAM)	60.83 - 80.83	0.6000	0.5751
T7	10	FB-L98-002-XXX(3/8)	60.83 - 80.83	0.6000	0.5751
T7	11	WR-E82G1(3/4)	60.83 - 80.83	0.6000	0.5751
T8	1	Climbing Ladder	40.83 - 60.83	0.6000	0.5812
T8	2	Safety Line 3/8	40.83 - 60.83	0.6000	0.5812
T8	4	LDF7-50A (1-5/8 FOAM)	40.83 - 60.83	0.6000	0.5812
T8	5	6x12 Hybrid	40.83 - 60.83	0.6000	0.5812
T8	7	FDH1204-48SE2-100M (6x24)	40.83 - 60.83	0.6000	0.5812
T8	9	LDF7-50A (1-5/8 FOAM)	40.83 - 60.83	0.6000	0.5812
T8	10	FB-L98-002-XXX(3/8)	40.83 - 60.83	0.6000	0.5812
T8	11	WR-E82G1(3/4)	40.83 - 60.83	0.6000	0.5812
T9	1	Climbing Ladder	20.83 - 40.83	0.6000	0.5922
T9	2	Safety Line 3/8	20.83 - 40.83	0.6000	0.5922
T9	4	LDF7-50A (1-5/8 FOAM)	20.83 - 40.83	0.6000	0.5922
T9	5	6x12 Hybrid	20.83 - 40.83	0.6000	0.5922
T9	7	FDH1204-48SE2-100M (6x24)	20.83 - 40.83	0.6000	0.5922
T9	9	LDF7-50A (1-5/8 FOAM)	20.83 - 40.83	0.6000	0.5922
T9	10	FB-L98-002-XXX(3/8)	20.83 - 40.83	0.6000	0.5922
T9	11	WR-E82G1(3/4)	20.83 - 40.83	0.6000	0.5922
T10	1	Climbing Ladder	0.83 - 20.83	0.6000	0.6000
T10	2	Safety Line 3/8	0.83 - 20.83	0.6000	0.6000
T10	4	LDF7-50A (1-5/8 FOAM)	8.00 - 20.83	0.6000	0.6000
T10	5	6x12 Hybrid	8.00 - 20.83	0.6000	0.6000
T10	7	FDH1204-48SE2-100M (6x24)	8.00 - 20.83	0.6000	0.6000
T10	9	LDF7-50A (1-5/8 FOAM)	8.00 - 20.83	0.6000	0.6000
T10	10	FB-L98-002-XXX(3/8)	8.00 - 20.83	0.6000	0.6000
T10	11	WR-E82G1(3/4)	8.00 - 20.83	0.6000	0.6000

Discrete Tower Loads

Description	Face or Leg	Offset Type	Offsets: Horz Lateral ft	Offsets: Vert ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight lb
5/8" x 4' Lightning Rod	C	From Leg	0.00		0.000	190.00	No Ice	0.25	0.25	4
			0.00				1/2" Ice	0.66	0.66	7
			2.00				1" Ice	0.97	0.97	12
Verizon										
SitePro 1 VFA12-HD (1)	A	From Leg	1.50		0.000	190.00	No Ice	13.20	9.20	631
			0.00				1/2" Ice	19.50	14.60	946
			5.20				1" Ice	25.80	19.50	1419
4.5" dia. x 10'	A	From Leg	0.00		0.000	190.00	No Ice	3.63	3.63	108
			0.00				1/2" Ice	5.24	5.24	139
			5.00				1" Ice	5.85	5.85	177
3.5" Dia. x 4-ft	A	From Face	0.00		0.000	190.00	No Ice	1.11	1.11	41
			0.00				1/2" Ice	1.36	1.36	51
			5.00				1" Ice	1.62	1.62	65
SitePro 1 VFA12-HD (1)	B	From Leg	1.50		0.000	190.00	No Ice	13.20	9.20	631
			0.00				1/2" Ice	19.50	14.60	946
			5.20				1" Ice	25.80	19.50	1419
4.5" dia. x 10'	B	From Leg	0.00		0.000	190.00	No Ice	3.63	3.63	108
			0.00				1/2" Ice	5.24	5.24	139
			5.00				1" Ice	5.85	5.85	177
3.5" Dia. x 4-ft	B	From Face	0.00		0.000	190.00	No Ice	1.11	1.11	41
			0.00				1/2" Ice	1.36	1.36	51
			5.00				1" Ice	1.62	1.62	65
SitePro 1 VFA12-HD (1)	C	From Leg	1.50		0.000	190.00	No Ice	13.20	9.20	631
			0.00				1/2" Ice	19.50	14.60	946
			5.20				1" Ice	25.80	19.50	1419
4.5" dia. x 10'	C	From Leg	0.00		0.000	190.00	No Ice	3.63	3.63	108
			0.00				1/2" Ice	5.24	5.24	139
			5.00				1" Ice	5.85	5.85	177
3.5" Dia. x 4-ft	C	From Face	0.00		0.000	190.00	No Ice	1.11	1.11	41
			0.00				1/2" Ice	1.36	1.36	51
			5.00				1" Ice	1.62	1.62	65
(2) MX06FRO660-02 w/ Mount Pipe	A	From Leg	3.25		0.000	190.00	No Ice	10.11	8.99	71
			0.00				1/2" Ice	10.68	10.15	159
			5.70				1" Ice	11.22	11.03	254
(2) MX06FRO660-02 w/ Mount Pipe	B	From Leg	3.25		0.000	190.00	No Ice	10.11	8.99	71
			0.00				1/2" Ice	10.68	10.15	159
			5.70				1" Ice	11.22	11.03	254
(2) MX06FRO660-02 w/ Mount Pipe	C	From Leg	3.25		0.000	190.00	No Ice	10.11	8.99	71
			0.00				1/2" Ice	10.68	10.15	159
			5.70				1" Ice	11.22	11.03	254
MT6407-77A w/ Mount Pipe	A	From Leg	3.25		0.000	190.00	No Ice	4.91	2.68	96
			0.00				1/2" Ice	5.26	3.14	136
			5.70				1" Ice	5.61	3.62	180
MT6407-77A w/ Mount Pipe	B	From Leg	3.25		0.000	190.00	No Ice	4.91	2.68	96
			0.00				1/2" Ice	5.26	3.14	136
			5.70				1" Ice	5.61	3.62	180
MT6407-77A w/ Mount Pipe	C	From Leg	3.25		0.000	190.00	No Ice	4.91	2.68	96
			0.00				1/2" Ice	5.26	3.14	136
			5.70				1" Ice	5.61	3.62	180
RVZDC-6627-PF-48	A	From Leg	3.25		0.000	190.00	No Ice	3.79	2.51	32
			0.00				1/2" Ice	4.04	2.73	63
			5.70				1" Ice	4.30	2.95	99
B2/B66A RRH-BR049	A	From Leg	3.25		0.000	190.00	No Ice	1.88	1.25	84
			0.00				1/2" Ice	2.05	1.39	103
			5.70				1" Ice	2.22	1.54	124
B2/B66A RRH-BR049	B	From Leg	3.25		0.000	190.00	No Ice	1.88	1.25	84
			0.00				1/2" Ice	2.05	1.39	103

Description	Face or Leg	Offset Type	Offsets: Horz Lateral ft	Offsets: Vert ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight lb
				5.70			1" Ice	2.22	1.54	124
B2/B66A RRH-BR049	C	From Leg	3.25		0.000	190.00	No Ice	1.88	1.25	84
			0.00				1/2" Ice	2.05	1.39	103
			5.70				1" Ice	2.22	1.54	124
B5/B13 RRH-BR04C	A	From Leg	3.25		0.000	190.00	No Ice	1.88	1.01	70
			0.00				1/2" Ice	2.05	1.14	87
			5.70				1" Ice	2.22	1.28	106
B5/B13 RRH-BR04C	B	From Leg	3.25		0.000	190.00	No Ice	1.88	1.01	70
			0.00				1/2" Ice	2.05	1.14	87
			5.70				1" Ice	2.22	1.28	106
B5/B13 RRH-BR04C	C	From Leg	3.25		0.000	190.00	No Ice	1.88	1.01	70
			0.00				1/2" Ice	2.05	1.14	87
			5.70				1" Ice	2.22	1.28	106
LNX-8513DS-A1M w/ 8' MP	A	From Leg	3.25		0.000	190.00	No Ice	8.63	7.31	68
			0.00				1/2" Ice	9.30	8.59	140
			5.70				1" Ice	9.93	9.73	220
LNX-8513DS-A1M w/ 8' MP	B	From Leg	3.25		0.000	190.00	No Ice	8.63	7.31	68
			0.00				1/2" Ice	9.30	8.59	140
			5.70				1" Ice	9.93	9.73	220
LNX-8513DS-A1M w/ 8' MP	C	From Leg	3.25		0.000	190.00	No Ice	8.63	7.31	68
			0.00				1/2" Ice	9.30	8.59	140
			5.70				1" Ice	9.93	9.73	220
Abandonded										
Sector Mount [SM 803-3]	C	None			0.000	177.00	No Ice	40.01	40.01	985
							1/2" Ice	50.70	50.70	1694
							1" Ice	61.54	61.54	2578
T-Mobile*										
Sitepro VFA12-HD Sector Mount (3)	A	None			0.000	165.00	No Ice	29.70	20.70	1974
							1/2" Ice	43.88	32.85	2412
							1" Ice	58.05	43.88	3045
APXVAALL24_43-U-NA20 w/ mount pipe	A	From Leg	3.25		0.000	165.00	No Ice	20.24	11.03	169
			0.00				1/2" Ice	20.89	12.46	306
			0.00				1" Ice	21.55	13.56	454
APXVAALL24_43-U-NA20 w/ mount pipe	B	From Leg	3.25		0.000	165.00	No Ice	20.24	11.03	169
			0.00				1/2" Ice	20.89	12.46	306
			0.00				1" Ice	21.55	13.56	454
APXVAALL24_43-U-NA20 w/ mount pipe	C	From Leg	3.25		0.000	165.00	No Ice	20.24	11.03	169
			0.00				1/2" Ice	20.89	12.46	306
			0.00				1" Ice	21.55	13.56	454
AIR6449 B41 w/ Mount Pipe	A	From Leg	3.25		0.000	165.00	No Ice	5.89	3.28	118
			0.00				1/2" Ice	6.26	3.74	167
			0.00				1" Ice	6.63	4.22	221
AIR6449 B41 w/ Mount Pipe	B	From Leg	3.25		0.000	165.00	No Ice	5.89	3.28	118
			0.00				1/2" Ice	6.26	3.74	167
			0.00				1" Ice	6.63	4.22	221
AIR6449 B41 w/ Mount Pipe	C	From Leg	3.25		0.000	165.00	No Ice	5.89	3.28	118
			0.00				1/2" Ice	6.26	3.74	167
			0.00				1" Ice	6.63	4.22	221
RADIO 4460 B2/B25 B66_TMO	A	From Leg	3.25		0.000	165.00	No Ice	2.14	1.69	109
			0.00				1/2" Ice	2.32	1.85	131
			0.00				1" Ice	2.51	2.02	156
RADIO 4460 B2/B25 B66_TMO	B	From Leg	3.25		0.000	165.00	No Ice	2.14	1.69	109
			0.00				1/2" Ice	2.32	1.85	131
			0.00				1" Ice	2.51	2.02	156
RADIO 4460 B2/B25 B66_TMO	C	From Leg	3.25		0.000	165.00	No Ice	2.14	1.69	109
			0.00				1/2" Ice	2.32	1.85	131
			0.00				1" Ice	2.51	2.02	156

Description	Face or Leg	Offset Type	Offsets: Horz Lateral ft	Offsets: Vert ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight lb
RADIO 4480 B71_TMO	A	From Leg	3.25	1.50	0.000	165.00	No Ice	2.85	1.38	93
			0.00				1/2" Ice	3.06	1.54	114
			0.00				1" Ice	3.28	1.71	139
RADIO 4480 B71_TMO	B	From Leg	3.25	1.50	0.000	165.00	No Ice	2.85	1.38	93
			0.00				1/2" Ice	3.06	1.54	114
			0.00				1" Ice	3.28	1.71	139
RADIO 4480 B71_TMO	C	From Leg	3.25	1.50	0.000	165.00	No Ice	2.85	1.38	93
			0.00				1/2" Ice	3.06	1.54	114
			0.00				1" Ice	3.28	1.71	139
AT&T										
Sector Mount [SM 803-3]	C	None			0.000	150.00	No Ice	40.01	40.01	985
							1/2" Ice	50.70	50.70	1694
							1" Ice	61.54	61.54	2578
EPBQ-654L8H8 w/ Mount Pipe	A	From Leg	3.00	1.50	0.000	150.00	No Ice	11.69	11.33	131
			0.00				1/2" Ice	12.41	12.86	228
			1.50				1" Ice	13.14	14.41	334
EPBQ-654L8H8 w/ Mount Pipe	B	From Leg	3.00	1.50	0.000	150.00	No Ice	11.69	11.33	131
			0.00				1/2" Ice	12.41	12.86	228
			1.50				1" Ice	13.14	14.41	334
EPBQ-654L8H8 w/ Mount Pipe	C	From Leg	3.00	1.50	0.000	150.00	No Ice	11.69	11.33	131
			0.00				1/2" Ice	12.41	12.86	228
			1.50				1" Ice	13.14	14.41	334
(2) RA21.7770.00 w/Mount pipe	A	From Leg	3.00	1.50	0.000	150.00	No Ice	6.73	5.23	72
			0.00				1/2" Ice	7.18	5.99	128
			1.50				1" Ice	7.64	6.76	192
(2) RA21.7770.00 w/Mount pipe	B	From Leg	3.00	1.50	0.000	150.00	No Ice	6.73	5.23	72
			0.00				1/2" Ice	7.18	5.99	128
			1.50				1" Ice	7.64	6.76	192
(2) RA21.7770.00 w/Mount pipe	C	From Leg	3.00	1.50	0.000	150.00	No Ice	6.73	5.23	72
			0.00				1/2" Ice	7.18	5.99	128
			1.50				1" Ice	7.64	6.76	192
RRUS 11	A	From Leg	3.00	1.50	0.000	150.00	No Ice	2.79	1.19	51
			0.00				1/2" Ice	3.00	1.34	72
			1.50				1" Ice	3.21	1.50	95
RRUS 11	B	From Leg	3.00	1.50	0.000	150.00	No Ice	2.79	1.19	51
			0.00				1/2" Ice	3.00	1.34	72
			1.50				1" Ice	3.21	1.50	95
RRUS 11	C	From Leg	3.00	1.50	0.000	150.00	No Ice	2.79	1.19	51
			0.00				1/2" Ice	3.00	1.34	72
			1.50				1" Ice	3.21	1.50	95
(2) LGP21401	A	From Leg	3.00	1.50	0.000	150.00	No Ice	1.10	0.35	14
			0.00				1/2" Ice	1.24	0.44	21
			1.50				1" Ice	1.38	0.54	30
(2) LGP21401	B	From Leg	3.00	1.50	0.000	150.00	No Ice	1.10	0.35	14
			0.00				1/2" Ice	1.24	0.44	21
			1.50				1" Ice	1.38	0.54	30
(2) LGP21401	C	From Leg	3.00	1.50	0.000	150.00	No Ice	1.10	0.35	14
			0.00				1/2" Ice	1.24	0.44	21
			1.50				1" Ice	1.38	0.54	30
LGP219nn (Diplex)	A	From Leg	3.00	1.50	0.000	150.00	No Ice	0.23	0.16	6
			0.00				1/2" Ice	0.29	0.21	8
			1.50				1" Ice	0.36	0.28	11
LGP219nn (Diplex)	B	From Leg	3.00	1.50	0.000	150.00	No Ice	0.23	0.16	6
			0.00				1/2" Ice	0.29	0.21	8
			1.50				1" Ice	0.36	0.28	11
LGP219nn (Diplex)	C	From Leg	3.00	1.50	0.000	150.00	No Ice	0.23	0.16	6
			0.00				1/2" Ice	0.29	0.21	8

Description	Face or Leg	Offset Type	Offsets: Horz Lateral ft	Offsets: Vert ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight lb
				1.50			1" Ice	0.36	0.28	11
782 10253	A	From Leg	3.00	0.00	0.000	150.00	No Ice	0.11	0.06	3
				0.00			1/2" Ice	0.15	0.10	4
				1.50			1" Ice	0.20	0.14	6
782 10253	B	From Leg	3.00	0.00	0.000	150.00	No Ice	0.11	0.06	3
				0.00			1/2" Ice	0.15	0.10	4
				1.50			1" Ice	0.20	0.14	6
782 10253	C	From Leg	3.00	0.00	0.000	150.00	No Ice	0.11	0.06	3
				0.00			1/2" Ice	0.15	0.10	4
				1.50			1" Ice	0.20	0.14	6
DC6-48-60-18-8F	A	From Leg	0.25	0.00	0.000	150.00	No Ice	1.21	1.21	33
				0.00			1/2" Ice	1.89	1.89	55
				0.00			1" Ice	2.11	2.11	80

Load Combinations

Comb. No.	Description
1	Dead Only
2	1.2 Dead+1.0 Wind 0 deg - No Ice+1.0 Guy
3	1.2 Dead+1.0 Wind 30 deg - No Ice+1.0 Guy
4	1.2 Dead+1.0 Wind 60 deg - No Ice+1.0 Guy
5	1.2 Dead+1.0 Wind 90 deg - No Ice+1.0 Guy
6	1.2 Dead+1.0 Wind 120 deg - No Ice+1.0 Guy
7	1.2 Dead+1.0 Wind 150 deg - No Ice+1.0 Guy
8	1.2 Dead+1.0 Wind 180 deg - No Ice+1.0 Guy
9	1.2 Dead+1.0 Wind 210 deg - No Ice+1.0 Guy
10	1.2 Dead+1.0 Wind 240 deg - No Ice+1.0 Guy
11	1.2 Dead+1.0 Wind 270 deg - No Ice+1.0 Guy
12	1.2 Dead+1.0 Wind 300 deg - No Ice+1.0 Guy
13	1.2 Dead+1.0 Wind 330 deg - No Ice+1.0 Guy
14	1.2 Dead+1.0 Ice+1.0 Temp+Guy
15	1.2 Dead+1.0 Wind 0 deg+1.0 Ice+1.0 Temp+1.0 Guy
16	1.2 Dead+1.0 Wind 30 deg+1.0 Ice+1.0 Temp+1.0 Guy
17	1.2 Dead+1.0 Wind 60 deg+1.0 Ice+1.0 Temp+1.0 Guy
18	1.2 Dead+1.0 Wind 90 deg+1.0 Ice+1.0 Temp+1.0 Guy
19	1.2 Dead+1.0 Wind 120 deg+1.0 Ice+1.0 Temp+1.0 Guy
20	1.2 Dead+1.0 Wind 150 deg+1.0 Ice+1.0 Temp+1.0 Guy
21	1.2 Dead+1.0 Wind 180 deg+1.0 Ice+1.0 Temp+1.0 Guy
22	1.2 Dead+1.0 Wind 210 deg+1.0 Ice+1.0 Temp+1.0 Guy
23	1.2 Dead+1.0 Wind 240 deg+1.0 Ice+1.0 Temp+1.0 Guy
24	1.2 Dead+1.0 Wind 270 deg+1.0 Ice+1.0 Temp+1.0 Guy
25	1.2 Dead+1.0 Wind 300 deg+1.0 Ice+1.0 Temp+1.0 Guy
26	1.2 Dead+1.0 Wind 330 deg+1.0 Ice+1.0 Temp+1.0 Guy
27	Dead+Wind 0 deg - Service+Guy
28	Dead+Wind 30 deg - Service+Guy
29	Dead+Wind 60 deg - Service+Guy
30	Dead+Wind 90 deg - Service+Guy
31	Dead+Wind 120 deg - Service+Guy
32	Dead+Wind 150 deg - Service+Guy
33	Dead+Wind 180 deg - Service+Guy

Comb. No.	Description
34	Dead+Wind 210 deg - Service+Guy
35	Dead+Wind 240 deg - Service+Guy
36	Dead+Wind 270 deg - Service+Guy
37	Dead+Wind 300 deg - Service+Guy
38	Dead+Wind 330 deg - Service+Guy

Maximum Tower Deflections - Service Wind

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
T1	190.833 - 180.833	1.658	37	0.098	0.216
T2	180.833 - 160.833	1.462	37	0.098	0.177
T3	160.833 - 140.833	1.015	37	0.082	0.070
T4	140.833 - 120.833	0.786	37	0.057	0.197
T5	120.833 - 100.833	0.503	37	0.031	0.068
T6	100.833 - 80.8333	0.569	37	0.009	0.273
T7	80.8333 - 60.8333	0.605	30	0.012	0.706
T8	60.8333 - 40.8333	0.430	31	0.013	0.746
T9	40.8333 - 20.8333	0.533	36	0.023	0.847
T10	20.8333 - 0.8333	0.405	36	0.053	0.360

Critical Deflections and Radius of Curvature - Service Wind

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection in	Tilt °	Twist °	Radius of Curvature ft
190.83	Guy	37	1.658	0.098	0.216	30013
190.00	5/8" x 4' Lightning Rod	37	1.643	0.098	0.213	30013
177.00	Sector Mount [SM 803-3]	37	1.374	0.096	0.151	30371
165.00	Sitepro VFA12-HD Sector Mount (3)	37	1.093	0.086	0.074	13916
157.44	Guy	37	0.966	0.078	0.083	13295
150.00	Sector Mount [SM 803-3]	37	0.885	0.069	0.143	196299
117.44	Guy	37	0.491	0.027	0.071	8767
60.75	Guy	31	0.430	0.013	0.746	8256

Maximum Tower Deflections - Design Wind

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
T1	190.833 - 180.833	10.840	6	0.741	0.734
T2	180.833 - 160.833	9.292	6	0.732	0.659
T3	160.833 - 140.833	6.143	6	0.628	0.390
T4	140.833 - 120.833	3.959	6	0.466	0.584
T5	120.833 - 100.833	2.296	12	0.256	0.339
T6	100.833 - 80.8333	2.158	12	0.070	0.823
T7	80.8333 - 60.8333	2.089	12	0.049	1.451
T8	60.8333 - 40.8333	1.692	12	0.048	1.599
T9	40.8333 - 20.8333	1.716	6	0.086	1.442

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
T10	20.8333 - 0.8333	1.188	6	0.192	0.821

Critical Deflections and Radius of Curvature - Design Wind

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection in	Tilt °	Twist °	Radius of Curvature ft
190.83	Guy	6	10.840	0.741	0.734	13483
190.00	5/8" x 4' Lightning Rod	6	10.714	0.741	0.730	13483
177.00	Sector Mount [SM 803-3]	6	8.667	0.721	0.602	16395
165.00	Sitepro VFA12-HD Sector Mount (3)	6	6.737	0.657	0.415	3928
157.44	Guy	6	5.711	0.603	0.400	3550
150.00	Sector Mount [SM 803-3]	6	4.884	0.546	0.485	8075
117.44	Guy	12	2.204	0.217	0.368	2498
60.75	Guy	12	1.691	0.048	1.599	5019

Bolt Design Data

Section No.	Elevation ft	Component Type	Bolt Grade	Bolt Size in	Number Of Bolts	Maximum Load per Bolt lb	Allowable Load per Bolt lb	Ratio Load / Allowable	Allowable Ratio	Criteria
T1	190.833	Leg	A325N	0.7500	4	0	30101	0.000	1.05	Bolt Tension
T2	180.833	Leg	A325N	0.7500	4	2251	30101	0.075	1.05	Bolt Tension
T3	160.833	Leg	A325N	0.7500	4	0	30101	0.000	1.05	Bolt Tension
		Torque Arm Top@157.444	A325N	0.7500	2	5042	11147	0.452	1.05	Member Block Shear
		Torque Arm Bottom@157.444	A325N	0.7500	2	3694	19880	0.186	1.05	Bolt Shear
T4	140.833	Leg	A325N	0.7500	4	0	30101	0.000	1.05	Bolt Tension
T5	120.833	Leg	A325N	0.7500	4	0	30101	0.000	1.05	Bolt Tension
		Torque Arm Top@117.444	A325N	0.7500	2	2640	11147	0.237	1.05	Member Block Shear
		Torque Arm Bottom@117.444	A325N	0.7500	2	1374	11147	0.123	1.05	Member Block Shear
T6	100.833	Leg	A325N	0.7500	4	0	30101	0.000	1.05	Bolt Tension
T7	80.8333	Leg	A325N	0.7500	4	0	30101	0.000	1.05	Bolt Tension
T8	60.8333	Leg	A325N	0.7500	4	0	30101	0.000	1.05	Bolt Tension
T9	40.8333	Leg	A325N	0.7500	4	0	30101	0.000	1.05	Bolt Tension
T10	20.8333	Leg	A325N	0.7500	4	0	30101	0.000	1.05	Bolt Tension

Guy Design Data

Section No.	Elevation ft	Size	Initial Tension lb	Breaking Load lb	Actual T_a lb	Allowable ϕT_n lb	Required S.F.	Actual S.F.
T1	190.83 (A) (576)	9/16 EHS	3500	35000	10563	22050	0.952	1.988
	190.83 (B) (575)	9/16 EHS	3500	35000	10936	22050	0.952	1.920
	190.83 (C) (574)	9/16 EHS	3500	35000	10569	22050	0.952	1.987
T3	157.44 (A) (589)	5/8 EHS	4240	42400	10163	26711	0.952	2.503
	157.44 (A) (590)	5/8 EHS	4240	42400	10252	26711	0.952	2.481
	157.44 (B) (583)	5/8 EHS	4240	42400	10339	26711	0.952	2.460
	157.44 (B) (584)	5/8 EHS	4240	42400	11023	26711	0.952	2.308
	157.44 (C) (577)	5/8 EHS	4240	42400	10860	26711	0.952	2.342
	157.44 (C) (578)	5/8 EHS	4240	42400	10052	26711	0.952	2.531
T5	117.44 (A) (607)	9/16 EHS	3500	35000	6377	22050	0.952	3.293
	117.44 (A) (608)	9/16 EHS	3500	35000	6161	22050	0.952	3.409
	117.44 (B) (601)	9/16 EHS	3500	35000	6459	22050	0.952	3.251
	117.44 (B) (602)	9/16 EHS	3500	35000	7207	22050	0.952	2.914
	117.44 (C) (595)	9/16 EHS	3500	35000	6813	22050	0.952	3.083
	117.44 (C) (596)	9/16 EHS	3500	35000	6332	22050	0.952	3.316
T8	60.75 (A) (615)	9/16 EHS	3500	35000	6225	22050	0.952	3.374
	60.75 (B) (614)	9/16 EHS	3500	35000	7052	22050	0.952	2.978
	60.75 (C) (613)	9/16 EHS	3500	35000	6535	22050	0.952	3.214

Compression Checks

Leg Design Data (Compression)

Section No.	Elevation ft	Size	L ft	L_u ft	Kl/r	A in^2	P_u lb	ϕP_n lb	Ratio $\frac{P_u}{\phi P_n}$
T1	190.833 - 180.833	P2.5x0.203	10.00	3.31	41.9 K=1.00	1.7040	-10803	73258	0.147 [1]
T2	180.833 - 160.833	P2.5x0.203	20.00	3.31	41.9 K=1.00	1.7040	-29402	73258	0.401 [1]
T3	160.833 - 140.833	P2.5x0.203	20.00	3.31	41.9 K=1.00	1.7040	-35908	73258	0.490 [1]
T4	140.833 - 120.833	P2.5x0.203	20.00	3.31	41.9 K=1.00	1.7040	-44360	73258	0.606 [1]
T5	120.833 - 100.833	P2.5x0.203	20.00	3.31	41.9 K=1.00	1.7040	-48150	73258	0.657 [1]
T6	100.833 - 80.8333	P2.5x0.203	20.00	3.31	41.9 K=1.00	1.7040	-34125	73258	0.466* [1]

Section No.	Elevation ft	Size	L ft	L_u ft	Kl/r	A in^2	P_u lb	ϕP_n lb	Ratio $\frac{P_u}{\phi P_n}$
T7	80.8333 - 60.8333	P2.5x0.203	20.00	3.31	K=1.00 41.9 K=1.00	1.7040	-35467	73258	0.484* [1]
T8	60.8333 - 40.8333	P2.5x0.203	20.00	3.31	41.9 K=1.00	1.7040	-41522	73258	0.567 [1]
T9	40.8333 - 20.8333	P2.5x0.203	20.00	3.31	41.9 K=1.00	1.7040	-43414	73258	0.593 [1]
T10	20.8333 - 0.8333	P2.5x0.203	20.00	3.32	42.0 K=1.00	1.7040	-43392	73172	0.593 [1]

* DL controls
[1] $P_u / \phi P_n$ controls

Horizontal Design Data (Compression)

Section No.	Elevation ft	Size	L ft	L_u ft	Kl/r	A in^2	P_u lb	ϕP_n lb	Ratio $\frac{P_u}{\phi P_n}$
T1	190.833 - 180.833	L1 1/2x1 1/2x3/16	3.50	3.26	128.2 K=0.96	0.5273	-695	9180	0.076 [1]
T2	180.833 - 160.833	L1 1/2x1 1/2x3/16	3.50	3.26	128.2 K=0.96	0.5273	-3502	9180	0.381 [1]
T3	160.833 - 140.833	L1 1/2x1 1/2x3/16	3.50	3.26	128.2 K=0.96	0.5273	-2543	9180	0.277 [1]
T4	140.833 - 120.833	L1 1/2x1 1/2x3/16	3.50	3.26	128.2 K=0.96	0.5273	-1872	9180	0.204 [1]
T5	120.833 - 100.833	L1 1/2x1 1/2x3/16	3.50	3.26	128.2 K=0.96	0.5273	-2894	9180	0.315 [1]
T6	100.833 - 80.8333	L1 1/2x1 1/2x3/16	3.50	3.26	128.2 K=0.96	0.5273	-1801	9180	0.196 [1]
T7	80.8333 - 60.8333	L1 1/2x1 1/2x3/16	3.50	3.26	128.2 K=0.96	0.5273	-929	9180	0.101 [1]
T8	60.8333 - 40.8333	L1 1/2x1 1/2x3/16	3.50	3.26	128.2 K=0.96	0.5273	-1452	9180	0.158 [1]
T9	40.8333 - 20.8333	L1 1/2x1 1/2x3/16	3.50	3.26	128.2 K=0.96	0.5273	-912	9180	0.099 [1]
T10	20.8333 - 0.8333	L1 1/2x1 1/2x3/16	3.50	3.26	128.2 K=0.96	0.5273	-1734	9180	0.189 [1]

[1] $P_u / \phi P_n$ controls

Top Girt Design Data (Compression)

Section No.	Elevation ft	Size	L ft	L_u ft	Kl/r	A in^2	P_u lb	ϕP_n lb	Ratio $\frac{P_u}{\phi P_n}$
T2	180.833 - 160.833	L1 1/2x1 1/2x3/16	3.50	3.26	128.2 K=0.96	0.5273	-510	9180	0.056 [1]
T3	160.833 - 140.833	L1 1/2x1 1/2x3/16	3.50	3.26	128.2 K=0.96	0.5273	-2004	9180	0.218 [1]
T4	140.833 -	L1 1/2x1 1/2x3/16	3.50	3.26	128.2	0.5273	-769	9180	0.084 [1]

Section No.	Elevation ft	Size	L ft	L_u ft	Kl/r	A in^2	P_u lb	ϕP_n lb	Ratio $\frac{P_u}{\phi P_n}$
	120.833				K=0.96				
T5	120.833 - 100.833	L1 1/2x1 1/2x3/16	3.50	3.26	128.2 K=0.96	0.5273	-925	9180	0.101 [1]
T6	100.833 - 80.8333	L1 1/2x1 1/2x3/16	3.50	3.26	128.2 K=0.96	0.5273	-1014	9180	0.110 [1]
T7	80.8333 - 60.8333	L1 1/2x1 1/2x3/16	3.50	3.26	128.2 K=0.96	0.5273	-615	9180	0.067* [1]
T9	40.8333 - 20.8333	L1 1/2x1 1/2x3/16	3.50	3.26	128.2 K=0.96	0.5273	-752	9180	0.082 [1]
T10	20.8333 - 0.8333	L1 1/2x1 1/2x3/16	3.50	3.26	128.2 K=0.96	0.5273	-752	9180	0.082 [1]

* DL controls
[1] P_u / ϕP_n controls

Bottom Girt Design Data (Compression)

Section No.	Elevation ft	Size	L ft	L_u ft	Kl/r	A in^2	P_u lb	ϕP_n lb	Ratio $\frac{P_u}{\phi P_n}$
T1	190.833 - 180.833	L1 1/2x1 1/2x3/16	3.50	3.26	128.2 K=0.96	0.5273	-270	9180	0.029 [1]
T2	180.833 - 160.833	L1 1/2x1 1/2x3/16	3.50	3.26	128.2 K=0.96	0.5273	-2153	9180	0.235 [1]
T3	160.833 - 140.833	L1 1/2x1 1/2x3/16	3.50	3.26	128.2 K=0.96	0.5273	-622	9180	0.068 [1]
T4	140.833 - 120.833	L1 1/2x1 1/2x3/16	3.50	3.26	128.2 K=0.96	0.5273	-975	9180	0.106 [1]
T5	120.833 - 100.833	L1 1/2x1 1/2x3/16	3.50	3.26	128.2 K=0.96	0.5273	-1101	9180	0.120 [1]
T6	100.833 - 80.8333	L1 1/2x1 1/2x3/16	3.50	3.26	128.2 K=0.96	0.5273	-591	9180	0.064* [1]
T7	80.8333 - 60.8333	L1 1/2x1 1/2x3/16	3.50	3.26	128.2 K=0.96	0.5273	-615	9180	0.067* [1]
T8	60.8333 - 40.8333	L1 1/2x1 1/2x3/16	3.50	3.26	128.2 K=0.96	0.5273	-721	9180	0.079 [1]
T9	40.8333 - 20.8333	L1 1/2x1 1/2x3/16	3.50	3.26	128.2 K=0.96	0.5273	-752	9180	0.082 [1]

* DL controls
[1] P_u / ϕP_n controls

Bottom Guy Pull-Off Design Data (Compression)

Section No.	Elevation ft	Size	L ft	L_u ft	Kl/r	A in^2	P_u lb	ϕP_n lb	Ratio $\frac{P_u}{\phi P_n}$
T3	160.833 - 140.833	L 2 x 2 x 5/16	3.50	3.26	100.3 K=1.00	1.1500	-2719	28298	0.096 [1]
T5	120.833 - 100.833	L 2 x 2 x 5/16	3.50	3.26	100.3 K=1.00	1.1500	-2698	28298	0.095 [1]

Section No.	Elevation ft	Size	L ft	L_u ft	Kl/r	A in^2	P_u lb	ϕP_n lb	Ratio $\frac{P_u}{\phi P_n}$

[1] P_u / ϕP_n controls

Torque-Arm Bottom Design Data

Section No.	Elevation ft	Size	L ft	L_u ft	Kl/r	A in^2	P_u lb	ϕP_n lb	Ratio $\frac{P_u}{\phi P_n}$
T3	160.833 - 140.833 (581)	L3x3x1/4	3.50	3.38	69.3 K=1.00	1.4400	-6988	44003	0.159 [1]
T3	160.833 - 140.833 (582)	L3x3x1/4	3.50	3.38	69.3 K=1.00	1.4400	-6797	44003	0.154 [1]
T3	160.833 - 140.833 (587)	L3x3x1/4	3.50	3.38	69.3 K=1.00	1.4400	-7112	44003	0.162 [1]
T3	160.833 - 140.833 (588)	L3x3x1/4	3.50	3.38	69.3 K=1.00	1.4400	-7105	44003	0.161 [1]
T3	160.833 - 140.833 (593)	L3x3x1/4	3.50	3.38	69.3 K=1.00	1.4400	-7387	44003	0.168 [1]
T3	160.833 - 140.833 (594)	L3x3x1/4	3.50	3.38	69.3 K=1.00	1.4400	-7235	44003	0.164 [1]
T5	120.833 - 100.833 (599)	L3x3x1/4	3.50	3.38	69.3 K=1.00	1.4400	-3713	44003	0.084 [1]
T5	120.833 - 100.833 (600)	L3x3x1/4	3.50	3.38	69.3 K=1.00	1.4400	-3556	44003	0.081 [1]
T5	120.833 - 100.833 (605)	L3x3x1/4	3.50	3.38	69.3 K=1.00	1.4400	-3958	44003	0.090 [1]
T5	120.833 - 100.833 (606)	L3x3x1/4	3.50	3.38	69.3 K=1.00	1.4400	-3974	44003	0.090 [1]
T5	120.833 - 100.833 (611)	L3x3x1/4	3.50	3.38	69.3 K=1.00	1.4400	-4294	44003	0.098 [1]
T5	120.833 - 100.833 (612)	L3x3x1/4	3.50	3.38	69.3 K=1.00	1.4400	-4203	44003	0.096 [1]

[1] P_u / ϕP_n controls

Tension Checks

Leg Design Data (Tension)

Section No.	Elevation ft	Size	L ft	L_u ft	Kl/r	A in^2	P_u lb	ϕP_n lb	Ratio $\frac{P_u}{\phi P_n}$
T2	180.833 - 160.833	P2.5x0.203	20.00	0.08	1.1	1.7040	9005	84351	0.107 [1]
T3	160.833 - 140.833	P2.5x0.203	20.00	0.08	1.1	1.7040	9005	84351	0.107 [1]

[1] P_u / ϕP_n controls

Diagonal Design Data (Tension)

Section No.	Elevation ft	Size	L ft	L_u ft	Kl/r	A in^2	P_u lb	ϕP_n lb	Ratio $\frac{P_u}{\phi P_n}$
T1	190.833 - 180.833	5/8	4.81	4.48	344.4	0.3068	1557	9940	0.157 [1]
T2	180.833 - 160.833	5/8	4.81	4.48	344.4	0.3068	5445	9940	0.548 [1]
T3	160.833 - 140.833	5/8	4.81	4.48	344.4	0.3068	3506	9940	0.353 [1]
T4	140.833 - 120.833	5/8	4.81	4.48	344.4	0.3068	2676	9940	0.269 [1]
T5	120.833 - 100.833	5/8	4.81	4.48	344.4	0.3068	4031	9940	0.405 [1]
T6	100.833 - 80.8333	5/8	4.81	4.48	344.4	0.3068	2682	9940	0.270 [1]
T7	80.8333 - 60.8333	5/8	4.81	4.48	344.4	0.3068	1302	9940	0.131 [1]
T8	60.8333 - 40.8333	5/8	4.81	4.48	344.4	0.3068	2099	9940	0.211 [1]
T9	40.8333 - 20.8333	5/8	4.81	4.48	344.4	0.3068	1398	9940	0.141 [1]
T10	20.8333 - 0.8333	5/8	4.82	4.49	345.1	0.3068	2475	9940	0.249 [1]

[1] P_u / ϕP_n controls

Horizontal Design Data (Tension)

Section No.	Elevation ft	Size	L ft	L_u ft	Kl/r	A in^2	P_u lb	ϕP_n lb	Ratio $\frac{P_u}{\phi P_n}$
T1	190.833 - 180.833	L1 1/2x1 1/2x3/16	3.50	3.26	85.7	0.5273	292	17086	0.017 [1]
T2	180.833 - 160.833	L1 1/2x1 1/2x3/16	3.50	3.26	85.7	0.5273	510	17086	0.030 [1]
T3	160.833 - 140.833	L1 1/2x1 1/2x3/16	3.50	3.26	85.7	0.5273	622	17086	0.036 [1]
T4	140.833 - 120.833	L1 1/2x1 1/2x3/16	3.50	3.26	85.7	0.5273	769	17086	0.045 [1]
T5	120.833 - 100.833	L1 1/2x1 1/2x3/16	3.50	3.26	85.7	0.5273	834	17086	0.049 [1]
T6	100.833 - 80.8333	L1 1/2x1 1/2x3/16	3.50	3.26	85.7	0.5273	591	17086	0.035*[1]
T7	80.8333 - 60.8333	L1 1/2x1 1/2x3/16	3.50	3.26	85.7	0.5273	615	17086	0.036*[1]
T8	60.8333 - 40.8333	L1 1/2x1 1/2x3/16	3.50	3.26	85.7	0.5273	721	17086	0.042 [1]
T9	40.8333 - 20.8333	L1 1/2x1 1/2x3/16	3.50	3.26	85.7	0.5273	752	17086	0.044 [1]
T10	20.8333 - 0.8333	L1 1/2x1 1/2x3/16	3.50	3.26	85.7	0.5273	752	17086	0.044 [1]

tnxTower	Job: Eastford CDT (702497)	Page: 26 of 31
Tower Engineering Professionals, Inc. 326 Tryon Road Raleigh, NC 27603 Phone: (919) 661-6151 FAX: (919) 661-6350	Project: TEP No. 25707.576390	Date: 10:15:37 09/10/21
	Client: Everest Infrastruture Partners	Designed by: W. Harrison Welch, E.I.

* DL controls
[1] P_u / ϕP_n controls

Top Girt Design Data (Tension)

Section No.	Elevation ft	Size	L ft	L_u ft	Kl/r	A in^2	P_u lb	ϕP_n lb	Ratio $\frac{P_u}{\phi P_n}$
T2	180.833 - 160.833	L1 1/2x1 1/2x3/16	3.50	3.26	85.7	0.5273	510	17086	0.030 [1]
T3	160.833 - 140.833	L1 1/2x1 1/2x3/16	3.50	3.26	85.7	0.5273	1695	17086	0.099 [1]
T4	140.833 - 120.833	L1 1/2x1 1/2x3/16	3.50	3.26	85.7	0.5273	769	17086	0.045 [1]
T5	120.833 - 100.833	L1 1/2x1 1/2x3/16	3.50	3.26	85.7	0.5273	834	17086	0.049 [1]
T6	100.833 - 80.8333	L1 1/2x1 1/2x3/16	3.50	3.26	85.7	0.5273	591	17086	0.035*[1]
T7	80.8333 - 60.8333	L1 1/2x1 1/2x3/16	3.50	3.26	85.7	0.5273	615	17086	0.036*[1]
T9	40.8333 - 20.8333	L1 1/2x1 1/2x3/16	3.50	3.26	85.7	0.5273	752	17086	0.044 [1]
T10	20.8333 - 0.8333	L1 1/2x1 1/2x3/16	3.50	3.26	85.7	0.5273	752	17086	0.044 [1]

* DL controls
[1] P_u / ϕP_n controls

Bottom Girt Design Data (Tension)

Section No.	Elevation ft	Size	L ft	L_u ft	Kl/r	A in^2	P_u lb	ϕP_n lb	Ratio $\frac{P_u}{\phi P_n}$
T1	190.833 - 180.833	L1 1/2x1 1/2x3/16	3.50	3.26	85.7	0.5273	187	17086	0.011 [1]
T2	180.833 - 160.833	L1 1/2x1 1/2x3/16	3.50	3.26	85.7	0.5273	1375	17086	0.080 [1]
T3	160.833 - 140.833	L1 1/2x1 1/2x3/16	3.50	3.26	85.7	0.5273	622	17086	0.036 [1]
T4	140.833 - 120.833	L1 1/2x1 1/2x3/16	3.50	3.26	85.7	0.5273	769	17086	0.045 [1]
T5	120.833 - 100.833	L1 1/2x1 1/2x3/16	3.50	3.26	85.7	0.5273	834	17086	0.049 [1]
T6	100.833 - 80.8333	L1 1/2x1 1/2x3/16	3.50	3.26	85.7	0.5273	591	17086	0.035*[1]
T7	80.8333 - 60.8333	L1 1/2x1 1/2x3/16	3.50	3.26	85.7	0.5273	1097	17086	0.064 [1]
T8	60.8333 - 40.8333	L1 1/2x1 1/2x3/16	3.50	3.26	85.7	0.5273	721	17086	0.042 [1]
T9	40.8333 - 20.8333	L1 1/2x1 1/2x3/16	3.50	3.26	85.7	0.5273	752	17086	0.044 [1]
T10	20.8333 - 0.8333	L1 1/2x1 1/2x3/16	3.50	3.26	85.7	0.5273	190	17086	0.011*[1]

[*] DL controls
[1] P_u / ϕP_n controls

Top Guy Pull-Off Design Data (Tension)

Section No.	Elevation ft	Size	L ft	L_u ft	Kl/r	A in^2	P_u lb	ϕP_n lb	Ratio $\frac{P_u}{\phi P_n}$
T1	190.833 - 180.833	L1 3/4x1 3/4x3/16	3.50	3.26	72.9	0.6211	3776	20123	0.188 [1]
T8	60.8333 - 40.8333	L1 3/4x1 3/4x3/16	3.50	3.26	72.9	0.6211	1990	20123	0.099 [1]

[1] P_u / ϕP_n controls

Bottom Guy Pull-Off Design Data (Tension)

Section No.	Elevation ft	Size	L ft	L_u ft	Kl/r	A in^2	P_u lb	ϕP_n lb	Ratio $\frac{P_u}{\phi P_n}$
T3	160.833 - 140.833	L 2 x 2 x 5/16	3.50	3.26	65.1	1.1500	2262	37260	0.061 [1]
T5	120.833 - 100.833	L 2 x 2 x 5/16	3.50	3.26	65.1	1.1500	1649	37260	0.044 [1]

[1] P_u / ϕP_n controls

Torque-Arm Top Design Data

Section No.	Elevation ft	Size	L ft	L_u ft	Kl/r	A in^2	P_u lb	ϕP_n lb	Ratio $\frac{P_u}{\phi P_n}$
T3	160.833 - 140.833 (579)	L3x3x1/4	4.81	4.65	60.3	0.9159	9121	39843	0.229 [1]
T3	160.833 - 140.833 (580)	L3x3x1/4	4.81	4.65	60.3	0.9159	10084	39843	0.253 [1]
T3	160.833 - 140.833 (585)	L3x3x1/4	4.81	4.65	60.3	0.9159	9187	39843	0.231 [1]
T3	160.833 - 140.833 (586)	L3x3x1/4	4.81	4.65	60.3	0.9159	9007	39843	0.226 [1]
T3	160.833 - 140.833 (591)	L3x3x1/4	4.81	4.65	60.3	0.9159	8826	39843	0.222 [1]
T3	160.833 - 140.833 (592)	L3x3x1/4	4.81	4.65	60.3	0.9159	9622	39843	0.241 [1]
T5	120.833 - 100.833 (597)	L3x3x1/4	4.81	4.65	60.3	0.9159	5195	39843	0.130 [1]
T5	120.833 - 100.833 (598)	L3x3x1/4	4.81	4.65	60.3	0.9159	5280	39843	0.133 [1]
T5	120.833 - 100.833 (603)	L3x3x1/4	4.81	4.65	60.3	0.9159	5108	39843	0.128 [1]

Section No.	Elevation ft	Size	L ft	L_u ft	Kl/r	A in^2	P_u lb	ϕP_n lb	Ratio $\frac{P_u}{\phi P_n}$
T5	120.833 - 100.833 (604)	L3x3x1/4	4.81	4.65	60.3	0.9159	5056	39843	0.127 [1]
T5	120.833 - 100.833 (609)	L3x3x1/4	4.81	4.65	60.3	0.9159	5155	39843	0.129 [1]
T5	120.833 - 100.833 (610)	L3x3x1/4	4.81	4.65	60.3	0.9159	5277	39843	0.132 [1]

[1] P_u / ϕP_n controls

Torque-Arm Bottom Design Data

Section No.	Elevation ft	Size	L ft	L_u ft	Kl/r	A in^2	P_u lb	ϕP_n lb	Ratio $\frac{P_u}{\phi P_n}$
T3	160.833 - 140.833 (581)	L3x3x1/4	3.50	3.38	43.8	0.9159	2630	39843	0.066 [1]
T3	160.833 - 140.833 (582)	L3x3x1/4	3.50	3.38	43.8	0.9159	2613	39843	0.066 [1]
T3	160.833 - 140.833 (587)	L3x3x1/4	3.50	3.38	43.8	0.9159	2802	39843	0.070 [1]
T3	160.833 - 140.833 (588)	L3x3x1/4	3.50	3.38	43.8	0.9159	2802	39843	0.070 [1]
T3	160.833 - 140.833 (593)	L3x3x1/4	3.50	3.38	43.8	0.9159	2819	39843	0.071 [1]
T3	160.833 - 140.833 (594)	L3x3x1/4	3.50	3.38	43.8	0.9159	2816	39843	0.071 [1]
T5	120.833 - 100.833 (599)	L3x3x1/4	3.50	3.38	43.8	0.9159	2135	39843	0.054 [1]
T5	120.833 - 100.833 (600)	L3x3x1/4	3.50	3.38	43.8	0.9159	1836	39843	0.046 [1]
T5	120.833 - 100.833 (605)	L3x3x1/4	3.50	3.38	43.8	0.9159	2201	39843	0.055 [1]
T5	120.833 - 100.833 (606)	L3x3x1/4	3.50	3.38	43.8	0.9159	2185	39843	0.055 [1]
T5	120.833 - 100.833 (611)	L3x3x1/4	3.50	3.38	43.8	0.9159	2747	39843	0.069 [1]
T5	120.833 - 100.833 (612)	L3x3x1/4	3.50	3.38	43.8	0.9159	2374	39843	0.060 [1]

[1] P_u / ϕP_n controls

Section Capacity Table

Section No.	Elevation ft	Component Type	Size	Critical Element	P lb	ϕP_{allow} lb	% Capacity	Pass Fail
T1	190.833 - 180.833	Leg	P2.5x0.203	2	-10803	76921	14.0	Pass
T2	180.833 - 160.833	Leg	P2.5x0.203	35	-29402	76921	38.2	Pass
T3	160.833 - 140.833	Leg	P2.5x0.203	95	-35908	76921	46.7	Pass

Section No.	Elevation ft	Component Type	Size	Critical Element	P lb	ϕP_{allow} lb	% Capacity	Pass Fail
T4	140.833 - 120.833	Leg	P2.5x0.203	155	-44360	76921	57.7	Pass
T5	120.833 - 100.833	Leg	P2.5x0.203	215	-48150	76921	62.6	Pass
T6	100.833 - 80.8333	Leg	P2.5x0.203	276	-34125	73258	46.6	Pass
T7	80.8333 - 60.8333	Leg	P2.5x0.203	336	-35467	73258	48.4	Pass
T8	60.8333 - 40.8333	Leg	P2.5x0.203	395	-41522	76921	54.0	Pass
T9	40.8333 - 20.8333	Leg	P2.5x0.203	455	-43414	76921	56.4	Pass
T10	20.8333 - 0.8333	Leg	P2.5x0.203	515	-43392	76830	56.5	Pass
T1	190.833 - 180.833	Diagonal	5/8	28	1557	10437	14.9	Pass
T2	180.833 - 160.833	Diagonal	5/8	46	5445	10437	52.2	Pass
T3	160.833 - 140.833	Diagonal	5/8	133	3506	10437	33.6	Pass
T4	140.833 - 120.833	Diagonal	5/8	166	2676	10437	25.6	Pass
T5	120.833 - 100.833	Diagonal	5/8	252	4031	10437	38.6	Pass
T6	100.833 - 80.8333	Diagonal	5/8	330	2682	10437	25.7	Pass
T7	80.8333 - 60.8333	Diagonal	5/8	345	1302	10437	12.5	Pass
T8	60.8333 - 40.8333	Diagonal	5/8	440	2099	10437	20.1	Pass
T9	40.8333 - 20.8333	Diagonal	5/8	466	1398	10437	13.4	Pass
T10	20.8333 - 0.8333	Diagonal	5/8	535	2475	10437	23.7	Pass
T1	190.833 - 180.833	Horizontal	L1 1/2x1 1/2x3/16	26	-695	9639	7.2	Pass
T2	180.833 - 160.833	Horizontal	L1 1/2x1 1/2x3/16	50	-3502	9639	36.3	Pass
T3	160.833 - 140.833	Horizontal	L1 1/2x1 1/2x3/16	137	-2543	9639	26.4	Pass
T4	140.833 - 120.833	Horizontal	L1 1/2x1 1/2x3/16	170	-1872	9639	19.4	Pass
T5	120.833 - 100.833	Horizontal	L1 1/2x1 1/2x3/16	257	-2894	9639	30.0	Pass
T6	100.833 - 80.8333	Horizontal	L1 1/2x1 1/2x3/16	326	-1801	9639	18.7	Pass
T7	80.8333 - 60.8333	Horizontal	L1 1/2x1 1/2x3/16	350	-929	9639	9.6	Pass
T8	60.8333 - 40.8333	Horizontal	L1 1/2x1 1/2x3/16	436	-1452	9639	15.1	Pass
T9	40.8333 - 20.8333	Horizontal	L1 1/2x1 1/2x3/16	470	-912	9639	9.5	Pass
T10	20.8333 - 0.8333	Horizontal	L1 1/2x1 1/2x3/16	539	-1734	9639	18.0	Pass
T2	180.833 - 160.833	Top Girt	L1 1/2x1 1/2x3/16	37	-510	9639	5.3	Pass
T3	160.833 - 140.833	Top Girt	L1 1/2x1 1/2x3/16	99	-2004	9639	20.8	Pass
T4	140.833 - 120.833	Top Girt	L1 1/2x1 1/2x3/16	157	-769	9639	8.0	Pass
T5	120.833 - 100.833	Top Girt	L1 1/2x1 1/2x3/16	219	-925	9639	9.6	Pass
T6	100.833 - 80.8333	Top Girt	L1 1/2x1 1/2x3/16	278	-1014	9639	10.5	Pass

Section No.	Elevation ft	Component Type	Size	Critical Element	P lb	ϕP_{allow} lb	% Capacity	Pass Fail
T7	80.8333 - 60.8333	Top Girt	L1 1/2x1 1/2x3/16	338	-615	9180	6.7	Pass
T9	40.8333 - 20.8333	Top Girt	L1 1/2x1 1/2x3/16	457	-752	9639	7.8	Pass
T10	20.8333 - 0.8333	Top Girt	L1 1/2x1 1/2x3/16	517	-752	9639	7.8	Pass
T1	190.833 - 180.833	Bottom Girt	L1 1/2x1 1/2x3/16	9	-270	9639	2.8	Pass
T2	180.833 - 160.833	Bottom Girt	L1 1/2x1 1/2x3/16	42	-2153	9639	22.3	Pass
T3	160.833 - 140.833	Bottom Girt	L1 1/2x1 1/2x3/16	100	-622	9639	6.5	Pass
T4	140.833 - 120.833	Bottom Girt	L1 1/2x1 1/2x3/16	162	-975	9639	10.1	Pass
T5	120.833 - 100.833	Bottom Girt	L1 1/2x1 1/2x3/16	221	-1101	9639	11.4	Pass
T6	100.833 - 80.8333	Bottom Girt	L1 1/2x1 1/2x3/16	281	-591	9180	6.4	Pass
T7	80.8333 - 60.8333	Bottom Girt	L1 1/2x1 1/2x3/16	341	-615	9180	6.7	Pass
T8	60.8333 - 40.8333	Bottom Girt	L1 1/2x1 1/2x3/16	400	-721	9639	7.5	Pass
T9	40.8333 - 20.8333	Bottom Girt	L1 1/2x1 1/2x3/16	460	-752	9639	7.8	Pass
T10	20.8333 - 0.8333	Bottom Girt	L1 1/2x1 1/2x3/16	521	190	17086	1.1	Pass
T1	190.833 - 180.833	Guy A@190.833	9/16	576	10563	22050	47.9	Pass
T3	160.833 - 140.833	Guy A@157.444	5/8	590	10252	26711	38.4	Pass
T5	120.833 - 100.833	Guy A@117.444	9/16	607	6377	22050	28.9	Pass
T8	60.8333 - 40.8333	Guy A@60.75	9/16	615	6225	22050	28.2	Pass
T1	190.833 - 180.833	Guy B@190.833	9/16	575	10936	22050	49.6	Pass
T3	160.833 - 140.833	Guy B@157.444	5/8	584	11023	26711	41.3	Pass
T5	120.833 - 100.833	Guy B@117.444	9/16	602	7207	22050	32.7	Pass
T8	60.8333 - 40.8333	Guy B@60.75	9/16	614	7052	22050	32.0	Pass
T1	190.833 - 180.833	Guy C@190.833	9/16	574	10569	22050	47.9	Pass
T3	160.833 - 140.833	Guy C@157.444	5/8	577	10860	26711	40.7	Pass
T5	120.833 - 100.833	Guy C@117.444	9/16	595	6813	22050	30.9	Pass
T8	60.8333 - 40.8333	Guy C@60.75	9/16	613	6535	22050	29.6	Pass
T1	190.833 - 180.833	Top Guy Pull-Off@190.833	L1 3/4x1 3/4x3/16	6	3776	21130	17.9	Pass
T8	60.8333 - 40.8333	Top Guy Pull-Off@60.75	L1 3/4x1 3/4x3/16	398	1990	21130	9.4	Pass
T3	160.833 - 140.833	Bottom Guy Pull-Off@157.444	L 2 x 2 x 5/16	147	-2719	29713	9.1	Pass
T5	120.833 - 100.833	Bottom Guy Pull-Off@117.444	L 2 x 2 x 5/16	267	-2698	29713	9.1	Pass
T3	160.833 - 140.833	Torque Arm Top@157.444	L3x3x1/4	580	10084	41835	24.1 43.1 (b)	Pass
T5	120.833 - 100.833	Torque Arm Top@117.444	L3x3x1/4	598	5280	41835	12.6 22.6 (b)	Pass
T3	160.833 -	Torque Arm	L3x3x1/4	593	-7387	46203	16.0	Pass

Section No.	Elevation ft	Component Type	Size	Critical Element	P lb	ϕP_{allow} lb	% Capacity	Pass Fail
T5	140.833 - 120.833	Bottom@157.444 Torque Arm Bottom@117.444	L3x3x1/4	611	-4294	46203	17.7 (b) 9.3 11.7 (b)	Pass
							Summary	
							Leg (T5) 62.6	Pass
							Diagonal (T2) 52.2	Pass
							Horizontal (T2) 36.3	Pass
							Top Girt (T3) 20.8	Pass
							Bottom Girt (T2) 22.3	Pass
							Guy A (T1) 47.9	Pass
							Guy B (T1) 49.6	Pass
							Guy C (T1) 47.9	Pass
							Top Guy Pull-Off (T1) 17.9	Pass
							Bottom Guy Pull-Off (T3) 9.1	Pass
							Torque Arm Top (T3) 43.1	Pass
							Torque Arm Bottom (T3) 17.7	Pass
							Bolt Checks 43.1	Pass
							RATING = 62.6	**Pass**

APPENDIX B

ADDITIONAL CALCULATIONS

Eastford CDT (702497)

Uplift: Path B / R = 150.0 ft:	33.8%	Pass
Shear: Path B / R = 150.0 ft:	61.4%	Pass

TEP #: 25707.576390

Analysis: KFW 9/15/2021

Check: WHW 9/15/2021

Guy Anchor Analysis_v1.5.10

Code Revisions: ANSI/TIA-222-H, ACI 318-14

Number of Soil Borings: 3

	Path A		Path B		Path C		Block Geometry				
Radius (ft)	Uplift (k)	Shear (k)	Uplift (k)	Shear (k)	Uplift (k)	Shear (k)	Length (ft)	Width (ft)	Thickness (ft)	Depth (ft)	Toe (in)
150.0	32.38	36.05	34.44	38.65	32.81	36.67	11.50	5.50	2.00	6.00	

Boring: 1 B-4 **Water Table:** 99.00-ft

Layer	Depth from (ft)	Depth to (ft)	Soil Type	Effective Density, γ (lb/ft³)	Cohesion (psf)	Friction Angle, φ (°)	Ult. Skin Friction (psf)	Friction Factor, μ	Overrides Ult. $P_{P,TOP}$ (psf)	Overrides Ult. $P_{P,BOT}$ (psf)
1	0.00	3.333	Sand	113.0		31.00		0.00		
2	3.33	5.000	Sand	113.0		31.00		0.00		
3	5.00	8.000	Sand	113.0		36.00		0.45		

Boring: 2 B-2 **Water Table:** 99.00-ft

Layer	Depth from (ft)	Depth to (ft)	Soil Type	Effective Density, γ (lb/ft³)	Cohesion (psf)	Friction Angle, φ (°)	Ult. Skin Friction (psf)	Friction Factor, μ	Overrides Ult. $P_{P,TOP}$ (psf)	Overrides Ult. $P_{P,BOT}$ psf)
1	0.000	0.500	Sand	70.0				0.00		
2	0.500	3.333	Sand	113.0		33.00		0.00		
3	3.333	5.000	Sand	113.0		33.00		0.00		
4	5.000	9.500	Sand	113.0		36.00		0.45		

Boring: 3 B-3 **Water Table:** 99.00-ft

Layer	Depth from (ft)	Depth to (ft)	Soil Type	Effective Density, γ (lb/ft³)	Cohesion (psf)	Friction Angle, φ (°)	Ult. Skin Friction (psf)	Friction Factor, μ	Overrides Ult. $P_{P,TOP}$ (psf)	Overrides Ult. $P_{P,BOT}$ (psf)
1	0.000	0.500	Sand	70.0				0.00		
2	0.500	3.333	Sand	113.0		31.00		0.00		
3	3.333	5.000	Sand	113.0		31.00		0.00		
4	5.000	8.500	Sand	113.0		35.00		0.45		

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Uplift:	Pass
Shear:	Pass

Analysis:
Check:

Guy Anchor Analysis_v1.5.10 - Uplift

Guy Path:		**Length:**	11.50 ft	**Block Depth:**	6.00 ft	**Uplift:**	32.38 k
Radius:	150.0-ft	**Width:**	5.50 ft	**Groundwater:**	99.00 ft	**Shear:**	36.05 k
Boring:		**Thickness:**	2.00 ft			**Resultant:**	48.46 k
		Toe:	0.00 ft			**Installation Angle:**	

Layer	Layer Thickness (ft)	Block t in Layer (ft)	(ft)	(ft)	(ft)	(ft)	SF Around Perimeter (k)	Volume of Toe (ft³)	Volume (ft³)	(k)	(k)

Layer	Block t in Layer (ft)	Skin Friction (ksf)	SF Sides (k)	SF Front (k)	SF Back (k)

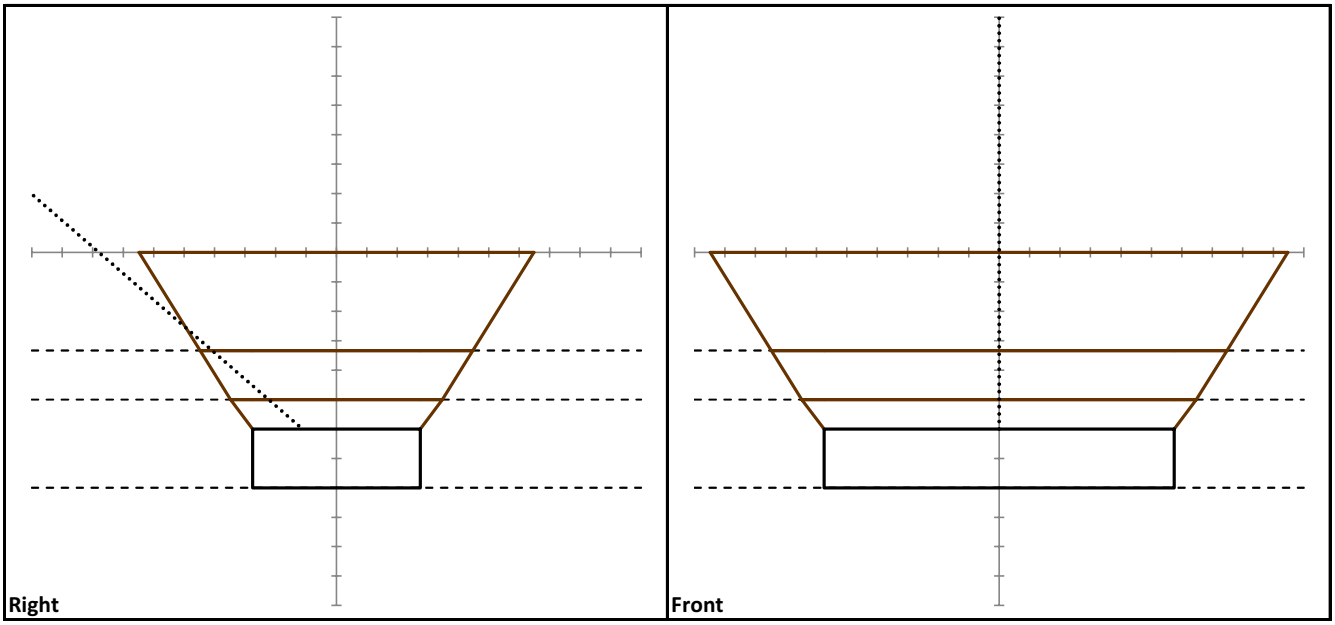
Cohesive Soil SF	
0.00 k	
ϕSF:	~~0.00 k~~

Total Soil Weight	Above	Sides
	42.88 k	57.21 k
ϕW	38.60 k	42.91 k

Total Concrete Weight	
↑	126.50 ft³
↓	0.00 ft³
	18.98 k
ϕW	17.08 k

Total Skin Friction	
0.00 k	
ϕSF:	0.00 k

Uplift:	32.38 k
	98.58 k
Capacity:	



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Guy Anchor Analysis_v1.5.10 - Shear

Analysis:
Check:

Guy Path:		**Length:**	11.50 ft	**Block Depth:**	6.00 ft	**Uplift:**	32.38 k
Radius:	150.0-ft	**Width:**	5.50 ft	**Groundwater:**	99.00 ft	**Shear:**	36.05 k
Boring:		**Thickness:**	2.00 ft			**Resultant:**	48.46 k
						Installation Angle:	

Layer	Depth (ft)	Depth of Block (ft)		$\sigma_{vo,Top}$ (ksf)	γ_{Layer} (pcf)	$\sigma_{vo,Bot}$ (ksf)			(ksf)	$_{P,Bot}$ (ksf)	Resistance (kip)

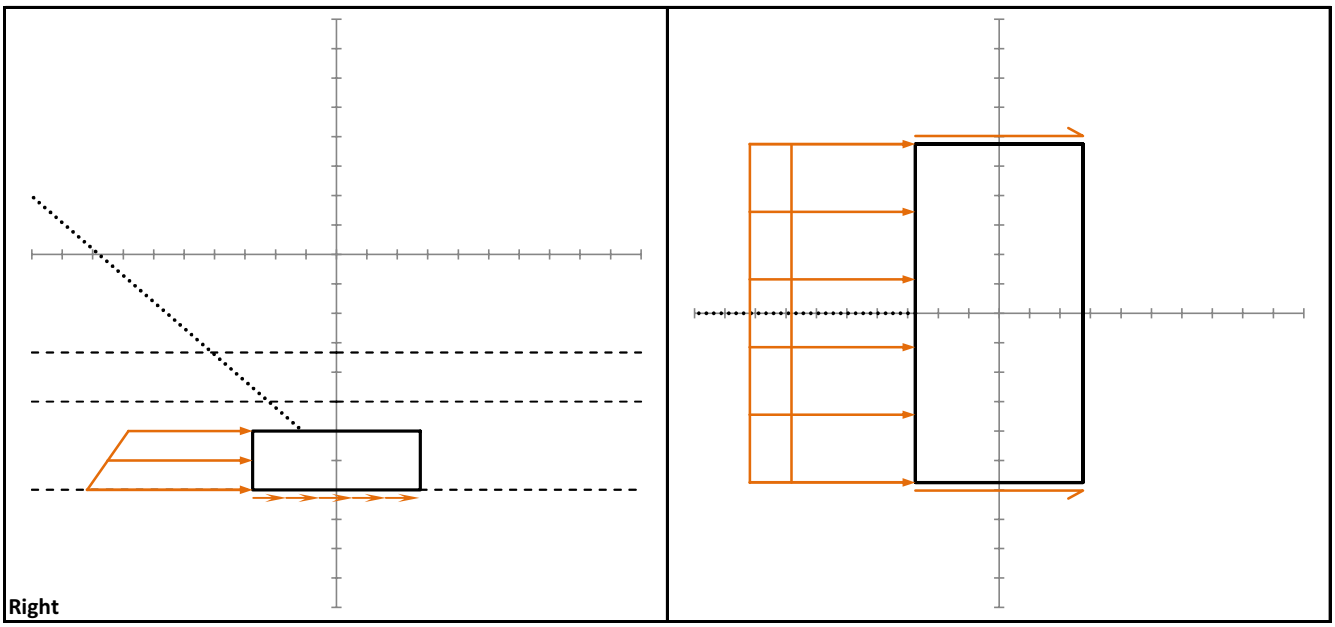
Layer	Block t in Layer (ft)	Skin Friction (ksf)	SF Sides (k)	(k)	SF Bottom (k)

Weights

	42.88 k	57.21 k
	18.98 k	
Uplift SF:	0.00 k	
	98.58 k	
$_{Eff}$	32.38 k	
$_{\perp}$	29.48 k	
Friction:	13.27 k	
ϕFriction:	9.95 k	
	36.1 k	
	62.5 k	
Capacity:		

Total Skin Friction

	0.00 k
ϕSF:	0.00 k



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Uplift:	Pass
Shear:	Pass

Analysis:
Check:

Guy Anchor Analysis_v1.5.10 - Uplift

Guy Path:		**Length:**	11.50 ft	**Block Depth:**	6.00 ft	**Uplift:**	34.44 k
Radius:	150.0-ft	**Width:**	5.50 ft	**Groundwater:**	99.00 ft	**Shear:**	38.65 k
Boring:		**Thickness:**	2.00 ft			**Resultant:**	51.77 k
		Toe:	0.00 ft			**Installation Angle:**	

Layer	Layer Thickness (ft)	Block t in Layer (ft)	(ft)	(ft)	(ft)	(ft)	SF Around Perimeter (k)	Volume of Toe (ft^3)	Volume (ft^3)	(k)	(k)

Layer	Block t in Layer (ft)	Skin Friction (ksf)	SF Sides (k)	SF Front (k)	SF Back (k)

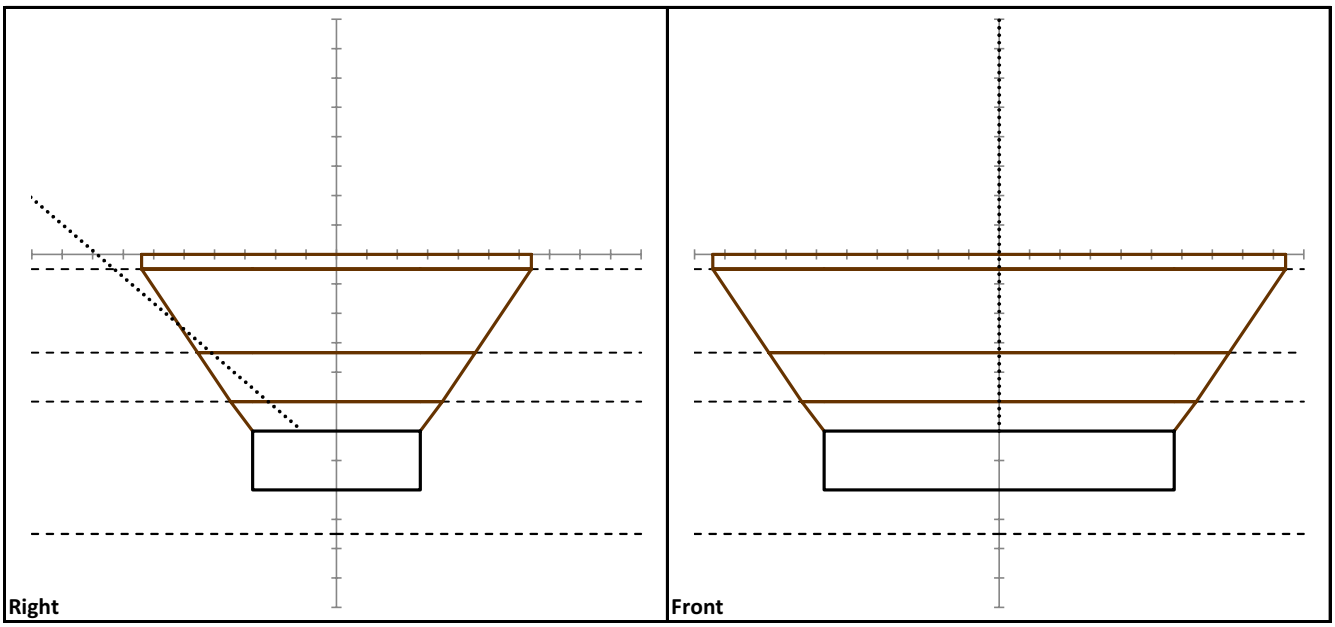
Cohesive Soil SF	
	0.00 k
ϕSF:	~~0.00 k~~

Total Soil Weight		
	Above	Sides
	41.52 k	56.69 k
ϕW	37.37 k	42.52 k

Total Concrete Weight	
↑	126.50 ft^3
↓	0.00 ft^3
	18.98 k
ϕW	17.08 k

Total Skin Friction	
	0.00 k
ϕSF:	0.00 k

Uplift:	34.44 k
	96.96 k
Capacity:	



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Guy Anchor Analysis_v1.5.10 - Shear

Analysis:
Check:

Guy Path:		**Length:**	11.50 ft	**Block Depth:**	6.00 ft	**Uplift:**	34.44 k
Radius:	150.0-ft	**Width:**	5.50 ft	**Groundwater:**	99.00 ft	**Shear:**	38.65 k
Boring:		**Thickness:**	2.00 ft			**Resultant:**	51.77 k
						Installation Angle:	

Layer	Depth (ft)	Depth of Block (ft)		$\sigma_{vo,Top}$ (ksf)	γ_{Layer} (pcf)	$\sigma_{vo,Bot}$ (ksf)			(ksf)	$_{P,Bot}$ (ksf)	Resistance (kip)

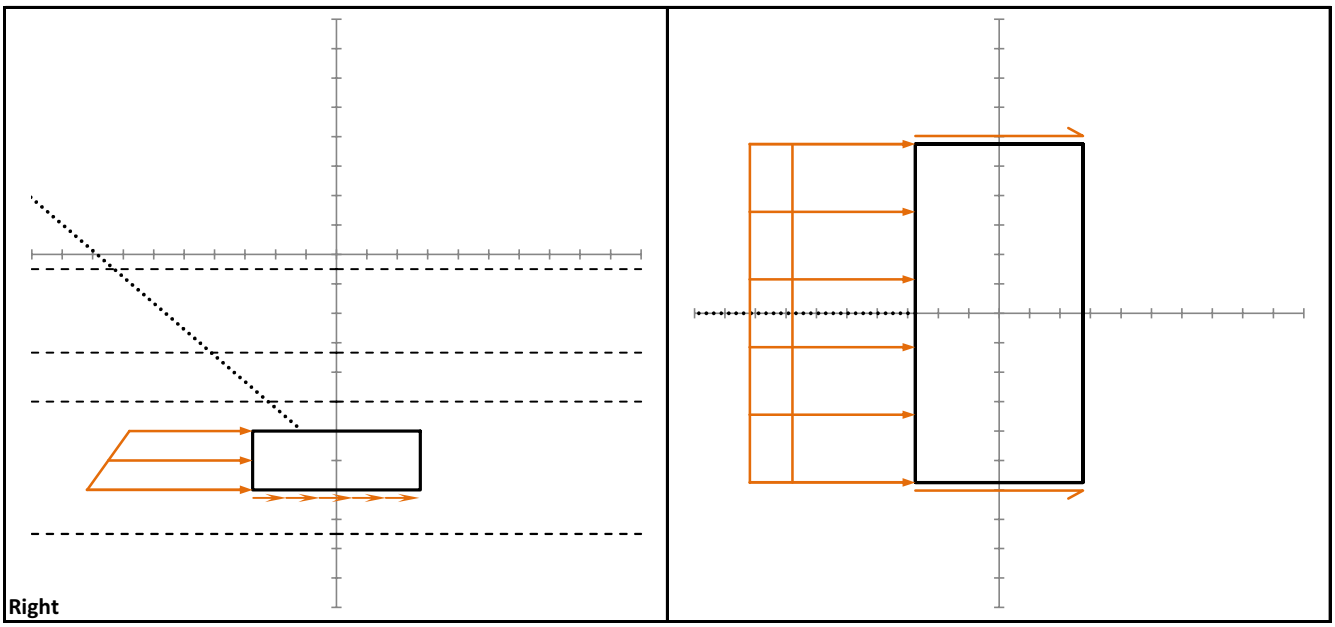
Layer	Block t in Layer (ft)	Skin Friction (ksf)	SF Sides (k)	(k)	SF Bottom (k)

Weights

	41.52 k	56.69 k
	18.98 k	
Uplift SF:	0.00 k	
	96.96 k	
Eff	34.44 k	
⊥	26.06 k	
Friction:	11.73 k	
ϕFriction:	8.79 k	
	38.7 k	
	59.9 k	
Capacity:		

Total Skin Friction

	0.00 k
ϕSF:	0.00 k



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Uplift:	Pass
Shear:	Pass

Analysis:
Check:

Guy Anchor Analysis_v1.5.10 - Uplift

Guy Path:		**Length:**	11.50 ft	**Block Depth:**	6.00 ft	**Uplift:**	32.81 k
Radius:	150.0-ft	**Width:**	5.50 ft	**Groundwater:**	99.00 ft	**Shear:**	36.67 k
Boring:		**Thickness:**	2.00 ft			**Resultant:**	49.21 k
		Toe:	0.00 ft			**Installation Angle:**	

Layer	Layer Thickness (ft)	Block t in Layer (ft)	(ft)	(ft)	(ft)	(ft)	SF Around Perimeter (k)	Volume of Toe (ft^3)	Volume (ft^3)	(k)	(k)

Layer	Block t in Layer (ft)	Skin Friction (ksf)	SF Sides (k)	SF Front (k)	SF Back (k)

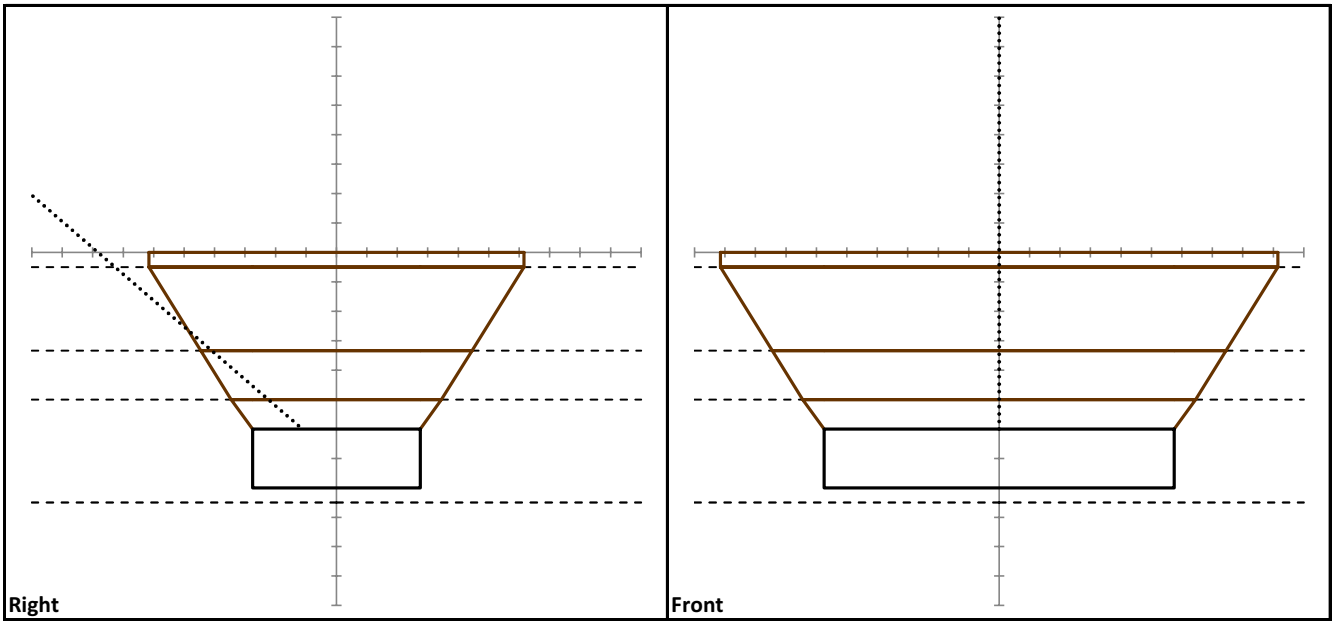
Cohesive Soil SF	
0.00 k	
ϕSF:	~~0.00 k~~

Total Soil Weight	Above	Sides
	41.52 k	52.38 k
ϕW	37.37 k	39.28 k

Total Concrete Weight	
↑	126.50 ft^3
↓	0.00 ft^3
	18.98 k
ϕW	17.08 k

Total Skin Friction	
0.00 k	
ϕSF:	0.00 k

Uplift:	32.81 k
	93.73 k
Capacity:	



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Guy Anchor Analysis_v1.5.10 - Shear

Analysis:
Check:

Guy Path:		**Length:**	11.50 ft	**Block Depth:**	6.00 ft	**Uplift:**	32.81 k
Radius:	150.0-ft	**Width:**	5.50 ft	**Groundwater:**	99.00 ft	**Shear:**	36.67 k
Boring:		**Thickness:**	2.00 ft			**Resultant:**	49.21 k
						Installation Angle:	

Layer	Depth (ft)	Depth of Block (ft)		$\sigma_{vo,Top}$ (ksf)	γ_{Layer} (pcf)	$\sigma_{vo,Bot}$ (ksf)			(ksf)	$_{P,Bot}$ (ksf)	Resistance (kip)

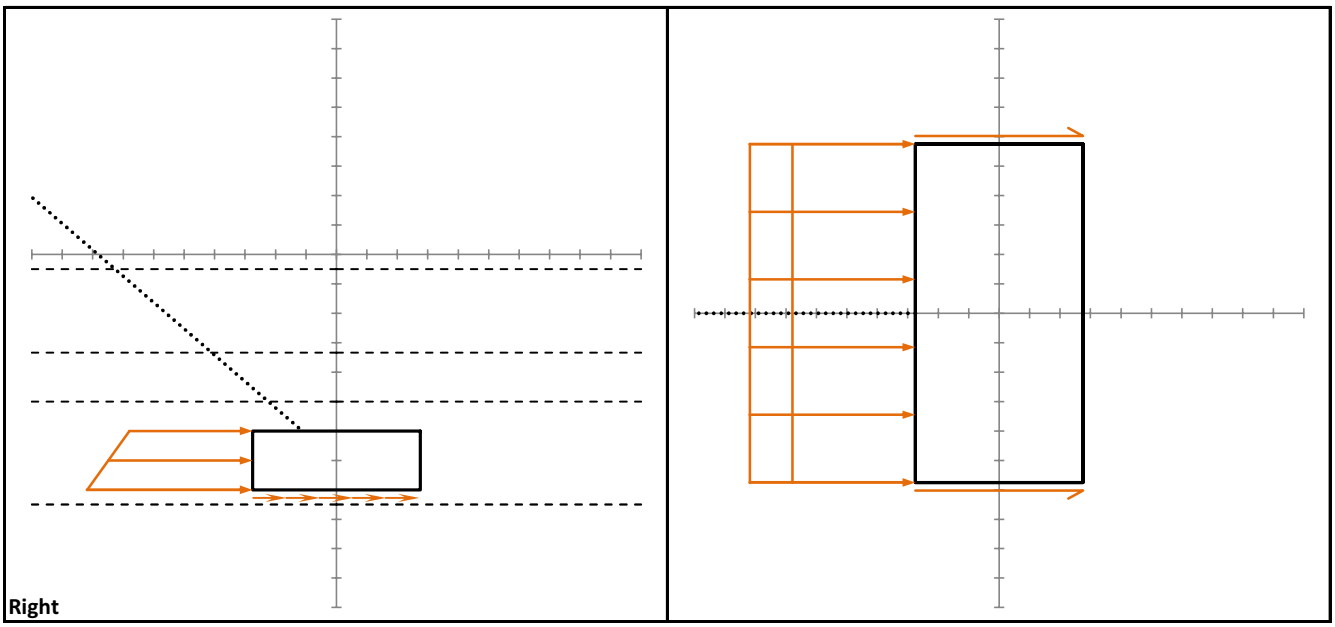
Layer	Block t in Layer (ft)	Skin Friction (ksf)	SF Sides (k)	(k)	SF Bottom (k)

Total Skin Friction

	0.00 k
ϕSF:	0.00 k

Weights

	41.52 k	52.38 k
	18.98 k	
Uplift SF:	0.00 k	
	93.73 k	
$_{Eff}$	32.81 k	
$_{\perp}$	27.69 k	
Friction:	12.46 k	
ϕFriction:	9.35 k	
	36.7 k	
	58.3 k	
Capacity:		



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Pier and Pad Foundation

Site #:	702497
Site Name:	Eastford CDT
TEP #:	25707.57639

TIA-222 Revision:	H
Tower Type:	Guyed

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

Superstructure Analysis Reactions

Compression, P_{comp}:	123.476	kips
Base Shear, Vu_comp:	1.503	kips
Moment, M_u:	0	ft-kips
Tower Height, **H**:	190	ft
BP Dist. Above Fdn, bp_{dist}:	0	in
Bolt Circle / Bearing Plate Width, **BC**:	42	in

Pier Properties

Pier Shape:	Square	
Pier Diameter, **dpier**:	2	ft
Ext. Above Grade, **E**:	1	ft
Pier Rebar Size, **Sc**:	5	
Pier Rebar Quantity, **mc**:	8	
Pier Tie/Spiral Size, **St**:	4	
Pier Tie/Spiral Quantity, **mt**:	5	
Pier Reinforcement Type:	Tie	
Pier Clear Cover, cc_{pier}:	3	in

Pad Properties

Depth, **D**:	4.5	ft
Pad Width, W_1:	5.5	ft
Pad Thickness, **T**:	1.5	ft
Pad Rebar Size (Top dir.2), Sp_{top2}:	5	
Pad Rebar Quantity (Top dir. 2), mp_{top2}:	0	
Pad Rebar Size (Bottom dir. 2), Sp_2:	5	
Pad Rebar Quantity (Bottom dir. 2), mp_2:	5	
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:	113	pcf
Ultimate Gross Bearing, Qult:	32.375	ksf
Cohesion, **Cu**:		ksf
Friction Angle,	38	degrees
SPT Blow Count, N_{blows}:		
Base Friction, μ:	0.47	
Neglected Depth, **N**:	3.33	ft
Foundation Bearing on Rock?	No	
Groundwater Depth, **gw**:	N/A	ft

<--Toggle between Gross and Net

Foundation Analysis Checks

	Capacity	Demand	Rating*	Check
Lateral (Sliding) (kips)	37.87	1.50	**3.8%**	**Pass**
Bearing Pressure (ksf)	19.43	5.00	**24.5%**	**Pass**
*Overturning (kip*ft)*	255.57	8.27	**3.2%**	**Pass**
*Pier Flexure (Comp.) (kip*ft)*	166.11	6.01	**3.4%**	**Pass**
Pier Compression (kip)	1909.44	126.36	**6.3%**	**Pass**
*Pad Flexure (kip*ft)*	96.16	36.70	**36.4%**	**Pass**
Pad Shear - 1-way (kips)	76.25	13.96	**17.4%**	**Pass**
Pad Shear - 2-way (Comp) (ksi)	0.164	0.030	**17.6%**	**Pass**
*Flexural 2-way (Comp) (kip*ft)*	96.16	3.61	**3.6%**	**Pass**

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

Structural Rating*:	**36.4%**
Soil Rating*:	**24.5%**

Anchor Shaft Analysis

Code Revisions: ANSI/TIA-222-H

Number of Anchor Rings: 1

Radius (ft)	Reaction (k)	Shaft Area (in^2)	F_y (ksi)	φTn (k)	Capacity (%)	Pass/Fail
150.0	51.08	2.41	48.00	92.36	52.7%	Pass

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856.797.0412
peter.albano@colliersengineering.com

Replacement Antenna Mount Analysis Report and PMI Requirements

Mount Replacement

SMART Tool Project #: 10068863
Maser Consulting Connecticut Project #: 21777322A (Rev 1)

July 23, 2021

Site Information	*Site ID:*	*467962-VZW / EASTFORD CT*
	Site Name:	*EASTFORD CT*
	Carrier Name:	*Verizon Wireless*
	Address:	*35 Old Route 44* *Eastford, Connecticut 06242* *Windham County*
	Latitude:	*41.87130555°*
	Longitude:	*-72.06488888°*
Structure Information	*Tower Type:*	*198-Ft Guyed*
	Mount Type:	*12.50-Ft Sector Mount*

FUZE ID # 16272163

Analysis Results

Sector Mount: **84.4% Pass**

******Contractor PMI Requirements*:**
Included at the end of this MA report
Available & Submitted via portal at https://pmi.vzwsmart.com
Contractor - Please Review Specific Site PMI Requirements Upon Award
Requirements also Noted on Mount Modification Drawings
Requirements may also be Noted on A & E drawings

Report Prepared By: Nathan LaPorte

STATE OF CONNECTICUT
JUSTIN PETER LINETTE
No. 31965
PROFESSIONAL ENGINEER

Digitally signed by Justin Linette
Date: 2021.07.23 16:53:45-04'00'

Executive Summary:

The objective of this report is to determine the capacity of the proposed antenna support mount at the subject facility for the final wireless telecommunications configuration, per the applicable codes and standards. The proposed mount was assumed to be installed properly to the existing tower per the manufacturer's instructions. Maser Consulting Connecticut cannot verify that the proposed mount will fit properly and is not liable for any fit-up issues during installation.

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: 674888, dated June 18, 2021*
Previous Mount Analysis	*Maser Consulting Connecticut Project # 21777322A, dated May 5, 2021*
Mount Modification Drawings	*Maser Consulting Connecticut Project # 21777322A, dated July 23, 2021*
Mount Specification Sheet	*SitePro1, P/N: VFA12-HD*

Analysis Criteria:

Codes and Standards:	ANSI/TIA-222-H	
Wind Parameters:	Basic Wind Speed (Ultimate 3-sec. Gust), V_{ULT}:	120 mph
	Ice Wind Speed (3-sec. Gust):	50 mph
	Design Ice Thickness:	1.00 in
	Risk Category:	II
	Exposure Category:	B
	Topographic Category:	1
	Topographic Feature Considered:	N/A
	Topographic Method:	N/A
	Ground Elevation Factor, K_e:	0.973
Seismic Parameters:	S_S:	0.182
	S_1:	0.055
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 mounts:

Mount Elevation (ft)	Equipment Elevation (ft)	Quantity	Manufacturer	Model	Status
195.20	195.70	6	JMA Wireless	MX06FRO660-03	Added
		3	Samsung	MT6407-77A	
		1	Raycap	RVZDC-6627-PF-48	
		3	Samsung	B2/B66A RRH-BR049	
		3	Samsung	B5/B13 RRH-BR04C	
		3	Andrew	LNX-8513DS-A1M	Retained

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

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

Standard Conditions:

1. All engineering services are performed on the basis that the information provided to 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.

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

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

Analysis Results:

Component	Utilization %	Pass/Fail
Face Horizontal	60.7 %	Pass
Standoff Plate	49.9 %	Pass
Standoff Horizontal	33.9 %	Pass
Standoff Diagonal	6.3 %	Pass
Antenna Pipe	26.8 %	Pass
Dual Mount pipe	15.5 %	Pass
Standoff Vertical	39.7 %	Pass
Mast Pipe	41.7 %	Pass
Tieback	7.5 %	Pass
Mast Pipe Bracing	42.4 %	Pass
Mount Connection	84.4 %	Pass

Structure Rating – *(Controlling Utilization of all Components)*	**84.4%**

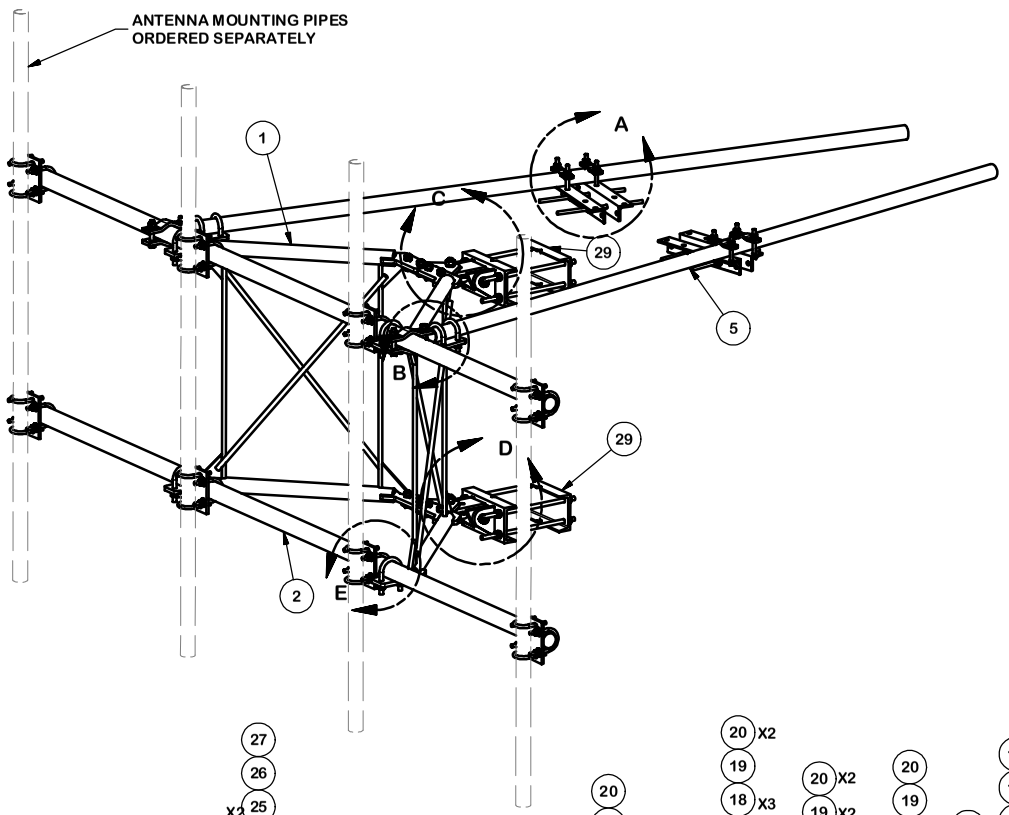
Recommendation:

The proposed antenna mounts will be **SUFFICIENT** for the final loading configuration upon completion of the mount modification drawings.

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.

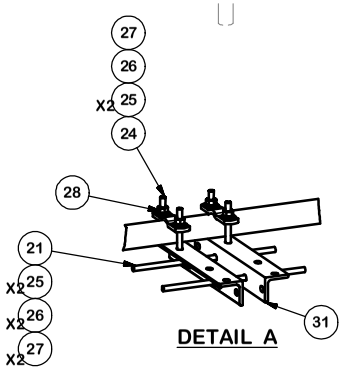
Attachments:

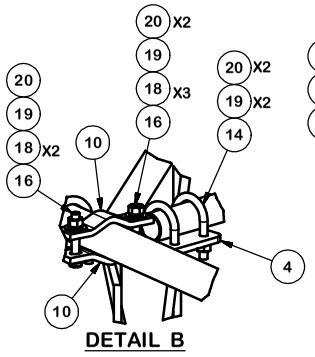
1. Mount Specification Sheet
2. Analysis Calculations
3. **Contractor Required Post Installation Inspection (PMI) Report Deliverables**
4. Antenna Placement Diagrams
5. TIA Adoption and Wind Speed Usage Letter

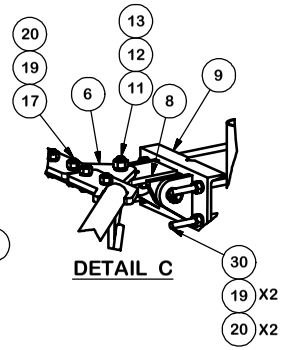


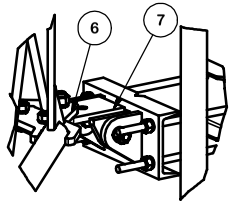
PARTS LIST

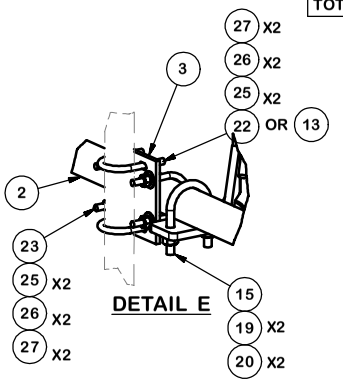
ITEM	QTY	PART NO.	PART DESCRIPTION	LENGTH	UNIT WT.	NET WT.
1	2	X-VFAW	SUPPORT ARM		66.80	133.59
2	2	P30150	2-7/8" X 150" (2-1/2" SCH. 40) GALVANIZED PIPE	150 in	76.94	153.87
3	8	SCX2	CROSSOVER PLATE	7 in	4.80	38.37
4	2	X-SPTB	SLIDING PIPE TIE BACK PLATE	5 1/2 in	5.87	11.74
5	2	P2126	2-3/8" OD X 126" SCH 40 GALVANIZED PIPE	126 in	40.75	81.50
6	2	X-VFAPL3	VFA-HD PIVOT PLATE	24 in	9.69	19.38
7	1	X-LPB	LOWER PIVOT BRACKET		8.84	8.84
8	1	X-UPB	UPPER PIVOT BRACKET		8.84	8.84
9	2	X-HDPMW	HEAVY DUTY PIPE MOUNT WELDMENT		18.61	37.21
10	4	DCP	1/2" THICK, 5-3/4" CNTER TO CENTER CLAMP HALF	8 1/8 in	2.42	9.68
11	6	A34212	3/4" x 2-1/2" UNC HEX BOLT (A325)	2 1/2 in	0.48	2.87
12	6	G34LW	3/4" HDG LOCKWASHER		0.04	0.26
13	6	G34NUT	3/4" HDG HEAVY 2H HEX NUT		0.21	1.27
14	4	X-UB5258	5/8" X 2-5/8" X 4-1/2" X 2" U-BOLT (HDG.)		1.00	4.00
15	4	X-UB5300	5/8" X 3" X 5-1/4" X 2-1/2" U-BOLT (HDG.)		1.15	4.60
16	4	G5804	5/8" x 4" HDG HEX BOLT GR5		0.44	1.78
17	8	A582114	5/8" x 2-1/4" HDG A325 HEX BOLT	2 1/4 in	0.31	2.50
18	10	G58FW	5/8" HDG USS FLATWASHER	1/8 in	0.07	0.70
19	44	G58LW	5/8" HDG LOCKWASHER		0.03	1.15
20	46	G58NUT	5/8" HDG HEAVY 2H HEX NUT		0.13	5.98
21	4	G12R-15	1/2" x 15" THREADED ROD (HDG.)		0.40	1.60
22	16	X-UB1212	1/2" X 2-1/2" X 4-1/2" X 2" U-BOLT (HDG.)		0.26	4.11
23	32	X-UB1300	1/2" X 3" X 5" X 2" GALV U-BOLT		0.74	23.64
24	8	G12045	1/2" x 4.5" HDG HEX BOLT GR5 FULL THREAD	4 1/2 in	0.30	2.38
25	88	G12FW	1/2" HDG USS FLATWASHER	3/32 in	0.03	3.00
26	80	G12LW	1/2" HDG LOCKWASHER	1/8 in	0.01	1.11
27	80	G12NUT	1/2" HDG HEAVY 2H HEX NUT		0.07	5.73
28	4	X-100064	CLAMP (4" V-CLAMP) GALVANIZED		0.91	3.65
29	2	X-HDPMBP	HEAVY DUTY PIPE MOUNT BACKING PLATE	12 in	13.44	26.89
30	8	G58R-18	5/8" x 18" THREADED ROD (HDG.)	18 in	0.40	3.19
31	4	X-LLTB	ANGLE BRACKET FOR LLTB	16 1/2 in	7.06	28.25
					TOTAL WT. #	648.71











TOLERANCE NOTES

TOLERANCES ON DIMENSIONS, UNLESS OTHERWISE NOTED ARE:
SAWED, SHEARED AND GAS CUT EDGES *(± 0.030")*
DRILLED AND GAS CUT HOLES *(± 0.030")* - NO CONING OF HOLES
LASER CUT EDGES AND HOLES *(± 0.010")* - NO CONING OF HOLES
BENDS ARE ± 1/2 DEGREE
ALL OTHER MACHINING *(± 0.030")*
ALL OTHER ASSEMBLY *(± 0.060")*

REVISION HISTORY				
REV	DESCRIPTION OF REVISIONS	CPD	BY	DATE
A	CHANGED TIE-BACK FRONT CONNECTION		CEK	2/2/2017

PROPRIETARY NOTE:
THE DATA AND TECHNIQUES CONTAINED IN THIS DRAWING ARE PROPRIETARY INFORMATION OF VALMONT INDUSTRIES AND CONSIDERED A TRADE SECRET. ANY USE OR DISCLOSURE WITHOUT THE CONSENT OF VALMONT INDUSTRIES IS STRICTLY PROHIBITED.

DESCRIPTION
12'-6" HEAVY DUTY
V-FRAME ASSEMBLY
WITH TWO STIFF ARMS

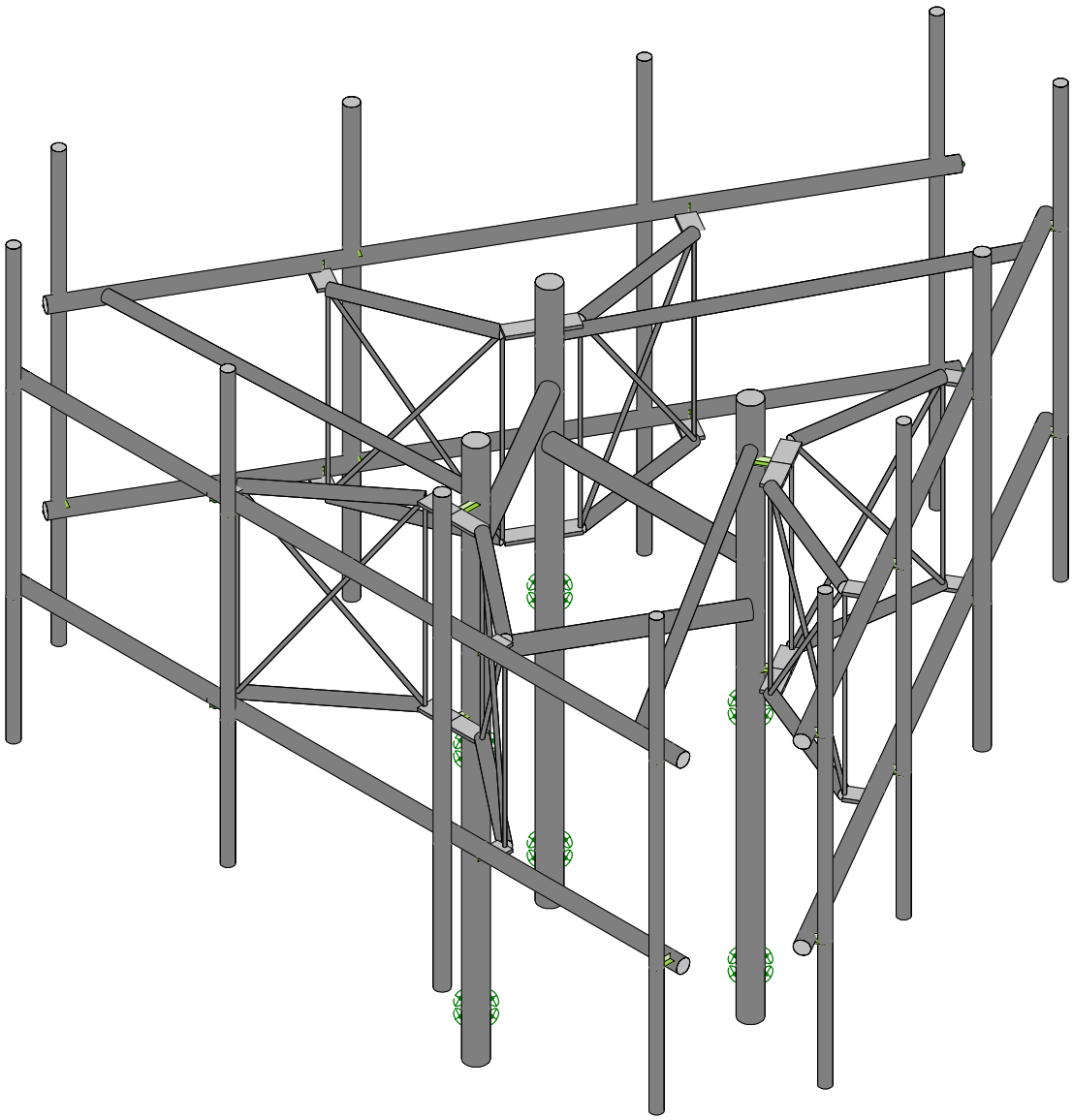
SITE PRO 1
A valmont COMPANY

Engineering Support Team: 1-888-753-7446

Locations:
New York, NY
Atlanta, GA
Los Angeles, CA
Plymouth, IN
Salem, OR
Dallas, TX

CPD NO.	DRAWN BY	ENG. APPROVAL	PART NO.	PAGE
	CEK 6/1/2015		VFA12-HD	1 OF 2

CLASS	SUB	DRAWING USAGE	CHECKED BY	DWG. NO.
81	02	CUSTOMER	BMC 2/2/2017	VFA12-HD



Envelope Only Solution

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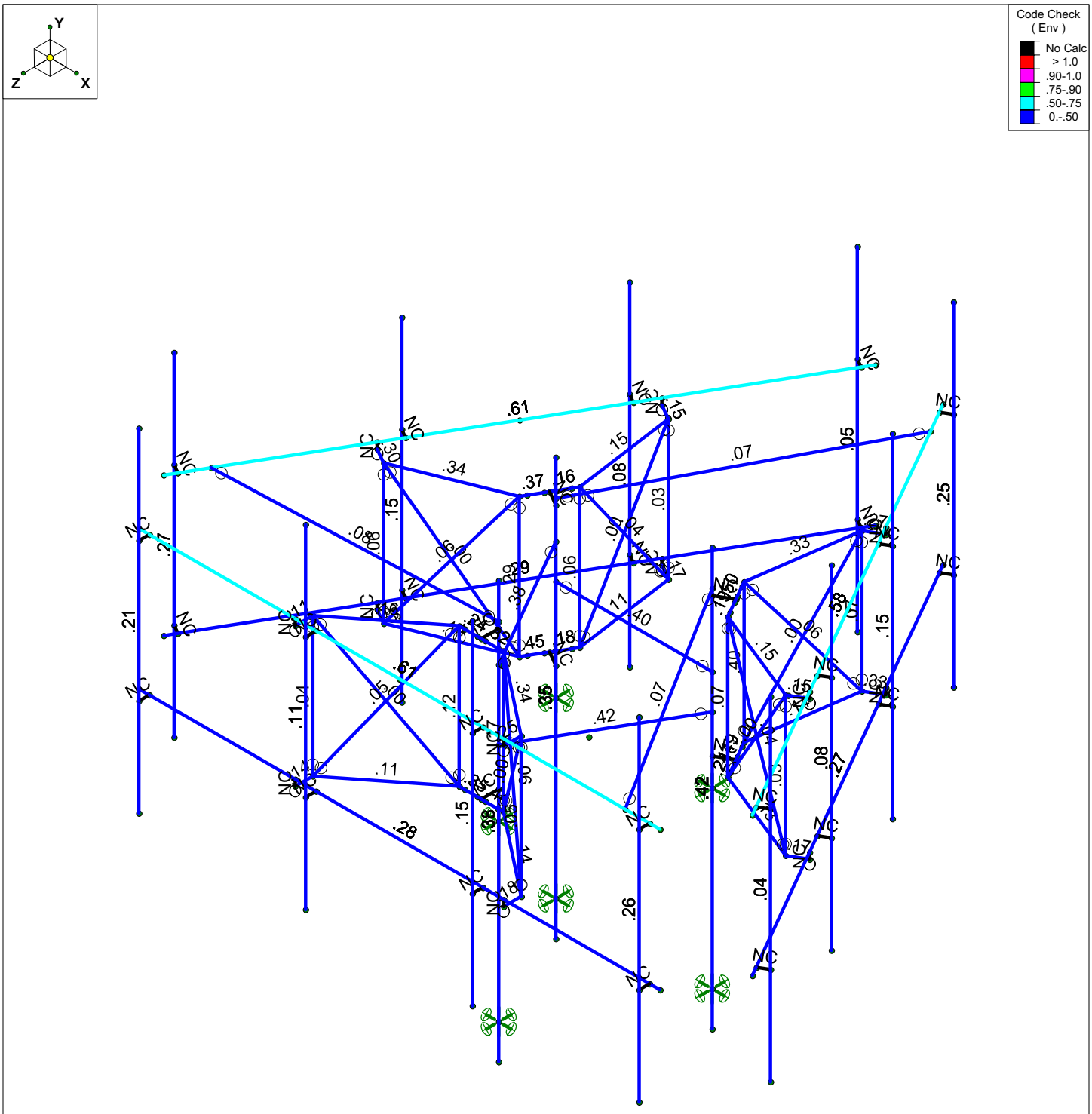

Member Code Checks Displayed (Enveloped)
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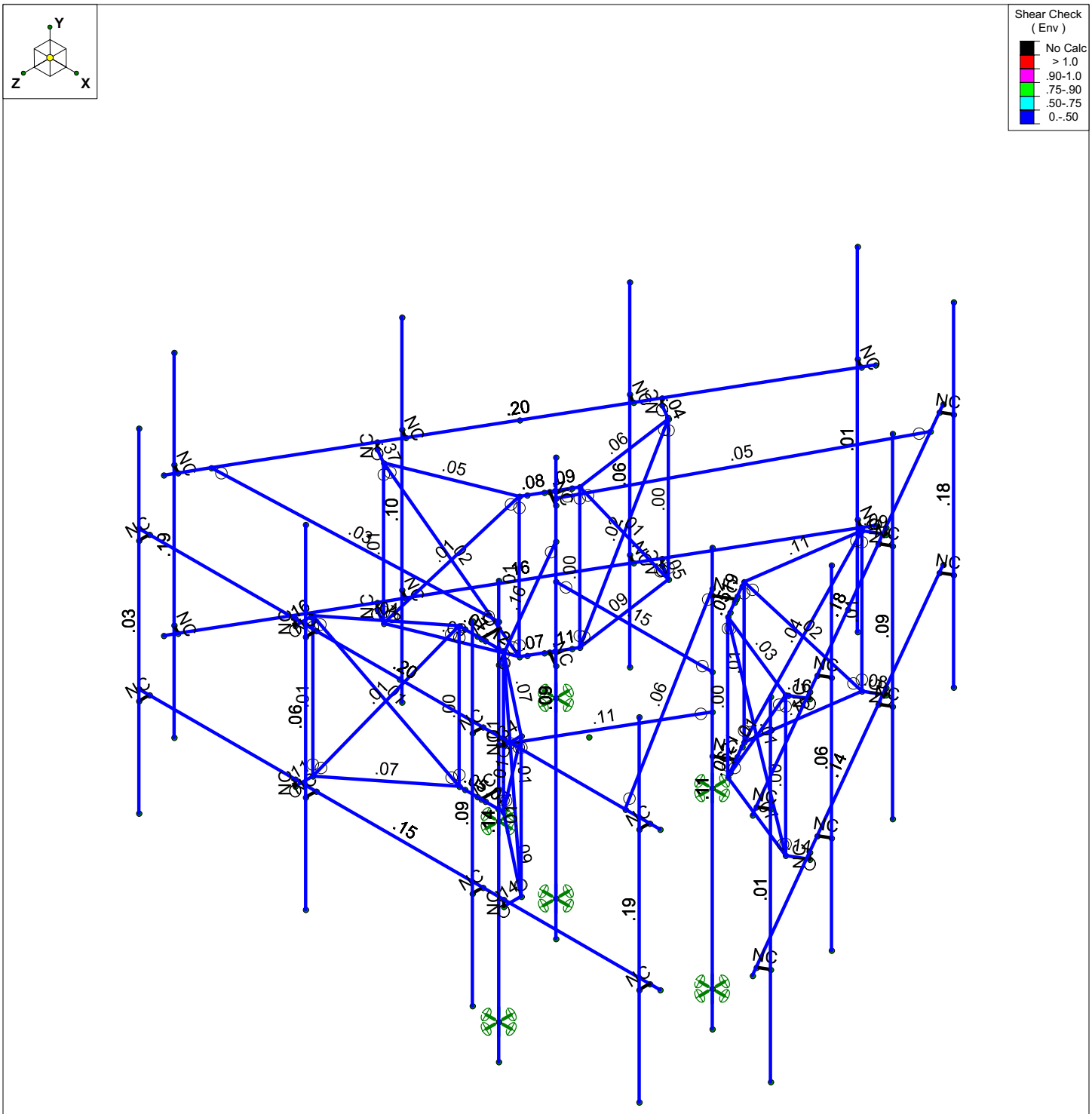

Member Shear Checks Displayed (Enveloped)
Envelope Only Solution

Maser Consulting	Mount Replacement (Rev 1)	SK - 3
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21777322A		467962-VZW_MT_LO_H.r3d

Basic Load Cases

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed	Area(Me...	Surface(...
1	Antenna D	None					93			
2	Antenna Di	None					93			
3	Antenna Wo (0 Deg)	None					93			
4	Antenna Wo (30 Deg)	None					93			
5	Antenna Wo (60 Deg)	None					93			
6	Antenna Wo (90 Deg)	None					93			
7	Antenna Wo (120 Deg)	None					93			
8	Antenna Wo (150 Deg)	None					93			
9	Antenna Wo (180 Deg)	None					93			
10	Antenna Wo (210 Deg)	None					93			
11	Antenna Wo (240 Deg)	None					93			
12	Antenna Wo (270 Deg)	None					93			
13	Antenna Wo (300 Deg)	None					93			
14	Antenna Wo (330 Deg)	None					93			
15	Antenna Wi (0 Deg)	None					93			
16	Antenna Wi (30 Deg)	None					93			
17	Antenna Wi (60 Deg)	None					93			
18	Antenna Wi (90 Deg)	None					93			
19	Antenna Wi (120 Deg)	None					93			
20	Antenna Wi (150 Deg)	None					93			
21	Antenna Wi (180 Deg)	None					93			
22	Antenna Wi (210 Deg)	None					93			
23	Antenna Wi (240 Deg)	None					93			
24	Antenna Wi (270 Deg)	None					93			
25	Antenna Wi (300 Deg)	None					93			
26	Antenna Wi (330 Deg)	None					93			
27	Antenna Wm (0 Deg)	None					93			
28	Antenna Wm (30 Deg)	None					93			
29	Antenna Wm (60 Deg)	None					93			
30	Antenna Wm (90 Deg)	None					93			
31	Antenna Wm (120 Deg)	None					93			
32	Antenna Wm (150 Deg)	None					93			
33	Antenna Wm (180 Deg)	None					93			
34	Antenna Wm (210 Deg)	None					93			
35	Antenna Wm (240 Deg)	None					93			
36	Antenna Wm (270 Deg)	None					93			
37	Antenna Wm (300 Deg)	None					93			
38	Antenna Wm (330 Deg)	None					93			
39	Structure D	None		-1						
40	Structure Di	None						87		
41	Structure Wo (0 Deg)	None						174		
42	Structure Wo (30 Deg)	None						174		
43	Structure Wo (60 Deg)	None						174		
44	Structure Wo (90 Deg)	None						174		
45	Structure Wo (120 Deg)	None						174		
46	Structure Wo (150 Deg)	None						174		
47	Structure Wo (180 Deg)	None						174		
48	Structure Wo (210 Deg)	None						174		
49	Structure Wo (240 Deg)	None						174		
50	Structure Wo (270 Deg)	None						174		
51	Structure Wo (300 Deg)	None						174		
52	Structure Wo (330 Deg)	None						174		
53	Structure Wi (0 Deg)	None						174		
54	Structure Wi (30 Deg)	None						174		
55	Structure Wi (60 Deg)	None						174		
56	Structure Wi (90 Deg)	None						174		

Basic Load Cases (Continued)

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	DistributedArea(Me...	Surface(...
57	Structure Wi (120 Deg)	None						174	
58	Structure Wi (150 Deg)	None						174	
59	Structure Wi (180 Deg)	None						174	
60	Structure Wi (210 Deg)	None						174	
61	Structure Wi (240 Deg)	None						174	
62	Structure Wi (270 Deg)	None						174	
63	Structure Wi (300 Deg)	None						174	
64	Structure Wi (330 Deg)	None						174	
65	Structure Wm (0 Deg)	None						174	
66	Structure Wm (30 Deg)	None						174	
67	Structure Wm (60 Deg)	None						174	
68	Structure Wm (90 Deg)	None						174	
69	Structure Wm (120 Deg)	None						174	
70	Structure Wm (150 Deg)	None						174	
71	Structure Wm (180 Deg)	None						174	
72	Structure Wm (210 Deg)	None						174	
73	Structure Wm (240 Deg)	None						174	
74	Structure Wm (270 Deg)	None						174	
75	Structure Wm (300 Deg)	None						174	
76	Structure Wm (330 Deg)	None						174	
77	Lm1	None					1		
78	Lm2	None					1		
79	Lv1	None					1		
80	Lv2	None					1		

Load Combinations

	Description	Solve	P...	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 De...	Yes	Y		1	1.2	39	1.2	3	1	41	1												
2	1.2D+1.0Wo (30 D...	Yes	Y		1	1.2	39	1.2	4	1	42	1												
3	1.2D+1.0Wo (60 D...	Yes	Y		1	1.2	39	1.2	5	1	43	1												
4	1.2D+1.0Wo (90 D...	Yes	Y		1	1.2	39	1.2	6	1	44	1												
5	1.2D+1.0Wo (120 ...	Yes	Y		1	1.2	39	1.2	7	1	45	1												
6	1.2D+1.0Wo (150 ...	Yes	Y		1	1.2	39	1.2	8	1	46	1												
7	1.2D+1.0Wo (180 ...	Yes	Y		1	1.2	39	1.2	9	1	47	1												
8	1.2D+1.0Wo (210 ...	Yes	Y		1	1.2	39	1.2	10	1	48	1												
9	1.2D+1.0Wo (240 ...	Yes	Y		1	1.2	39	1.2	11	1	49	1												
10	1.2D+1.0Wo (270 ...	Yes	Y		1	1.2	39	1.2	12	1	50	1												
11	1.2D+1.0Wo (300 ...	Yes	Y		1	1.2	39	1.2	13	1	51	1												
12	1.2D+1.0Wo (330 ...	Yes	Y		1	1.2	39	1.2	14	1	52	1												
13	1.2D + 1.0Di + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	15	1	53	1								
14	1.2D + 1.0Di + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	16	1	54	1								
15	1.2D + 1.0Di + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	17	1	55	1								
16	1.2D + 1.0Di + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	18	1	56	1								
17	1.2D + 1.0Di + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	19	1	57	1								
18	1.2D + 1.0Di + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	20	1	58	1								
19	1.2D + 1.0Di + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	21	1	59	1								
20	1.2D + 1.0Di + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	22	1	60	1								
21	1.2D + 1.0Di + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	23	1	61	1								
22	1.2D + 1.0Di + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	24	1	62	1								
23	1.2D + 1.0Di + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	25	1	63	1								
24	1.2D + 1.0Di + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	26	1	64	1								
25	1.2D + 1.5Lm1 + 1...	Yes	Y		1	1.2	39	1.2	77	1.5	27	1	65	1										
26	1.2D + 1.5Lm1 + 1...	Yes	Y		1	1.2	39	1.2	77	1.5	28	1	66	1										
27	1.2D + 1.5Lm1 + 1...	Yes	Y		1	1.2	39	1.2	77	1.5	29	1	67	1										
28	1.2D + 1.5Lm1 + 1...	Yes	Y		1	1.2	39	1.2	77	1.5	30	1	68	1										

Load Combinations (Continued)

	Description	Solve	P...	S...	BLC	Fac..	BLC	Fac...	BLC	Fac..	BLC	Fac..	BLC	Fac..	BLC	Fac..	BLC	Fac..	BLC	Fac..	BLC	Fac..	BLC	Fac..
29	1.2D + 1.5Lm1 + 1...	Yes	Y		1	1.2	39	1.2	77	1.5	31	1	69	1										
30	1.2D + 1.5Lm1 + 1...	Yes	Y		1	1.2	39	1.2	77	1.5	32	1	70	1										
31	1.2D + 1.5Lm1 + 1...	Yes	Y		1	1.2	39	1.2	77	1.5	33	1	71	1										
32	1.2D + 1.5Lm1 + 1...	Yes	Y		1	1.2	39	1.2	77	1.5	34	1	72	1										
33	1.2D + 1.5Lm1 + 1...	Yes	Y		1	1.2	39	1.2	77	1.5	35	1	73	1										
34	1.2D + 1.5Lm1 + 1...	Yes	Y		1	1.2	39	1.2	77	1.5	36	1	74	1										
35	1.2D + 1.5Lm1 + 1...	Yes	Y		1	1.2	39	1.2	77	1.5	37	1	75	1										
36	1.2D + 1.5Lm1 + 1...	Yes	Y		1	1.2	39	1.2	77	1.5	38	1	76	1										
37	1.2D + 1.5Lm2 + 1...	Yes	Y		1	1.2	39	1.2	78	1.5	27	1	65	1										
38	1.2D + 1.5Lm2 + 1...	Yes	Y		1	1.2	39	1.2	78	1.5	28	1	66	1										
39	1.2D + 1.5Lm2 + 1...	Yes	Y		1	1.2	39	1.2	78	1.5	29	1	67	1										
40	1.2D + 1.5Lm2 + 1...	Yes	Y		1	1.2	39	1.2	78	1.5	30	1	68	1										
41	1.2D + 1.5Lm2 + 1...	Yes	Y		1	1.2	39	1.2	78	1.5	31	1	69	1										
42	1.2D + 1.5Lm2 + 1...	Yes	Y		1	1.2	39	1.2	78	1.5	32	1	70	1										
43	1.2D + 1.5Lm2 + 1...	Yes	Y		1	1.2	39	1.2	78	1.5	33	1	71	1										
44	1.2D + 1.5Lm2 + 1...	Yes	Y		1	1.2	39	1.2	78	1.5	34	1	72	1										
45	1.2D + 1.5Lm2 + 1...	Yes	Y		1	1.2	39	1.2	78	1.5	35	1	73	1										
46	1.2D + 1.5Lm2 + 1...	Yes	Y		1	1.2	39	1.2	78	1.5	36	1	74	1										
47	1.2D + 1.5Lm2 + 1...	Yes	Y		1	1.2	39	1.2	78	1.5	37	1	75	1										
48	1.2D + 1.5Lm2 + 1...	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 + 1.0...		Y		1	1.2	39	1.2	SX		SY	1	SZ	-1										
54	1.2D + 1.0Ev + 1.0...		Y		1	1.2	39	1.2	SX	.5	SY	1	SZ	-.866										
55	1.2D + 1.0Ev + 1.0...		Y		1	1.2	39	1.2	SX	.866	SY	1	SZ	-.5										
56	1.2D + 1.0Ev + 1.0...		Y		1	1.2	39	1.2	SX	1	SY	1	SZ											
57	1.2D + 1.0Ev + 1.0...		Y		1	1.2	39	1.2	SX	.866	SY	1	SZ	.5										
58	1.2D + 1.0Ev + 1.0...		Y		1	1.2	39	1.2	SX	.5	SY	1	SZ	.866										
59	1.2D + 1.0Ev + 1.0...		Y		1	1.2	39	1.2	SX		SY	1	SZ	1										
60	1.2D + 1.0Ev + 1.0...		Y		1	1.2	39	1.2	SX	-.5	SY	1	SZ	.866										
61	1.2D + 1.0Ev + 1.0...		Y		1	1.2	39	1.2	SX	-.866	SY	1	SZ	.5										
62	1.2D + 1.0Ev + 1.0...		Y		1	1.2	39	1.2	SX	-1	SY	1	SZ											
63	1.2D + 1.0Ev + 1.0...		Y		1	1.2	39	1.2	SX	-.866	SY	1	SZ	-.5										
64	1.2D + 1.0Ev + 1.0...		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	N1	6.25	0.145833	4.545242	0	
2	N2	-6.25	0.145833	4.545242	0	
3	N3	6.25	3.479167	4.545242	0	
4	N4	-6.25	3.479167	4.545242	0	
5	N5	-6	0.145833	4.545242	0	
6	N6	-6	3.479167	4.545242	0	
7	N7	-2	0.145833	4.545242	0	
8	N8	-2	3.479167	4.545242	0	
9	N9	2	0.145833	4.545242	0	
10	N10	2	3.479167	4.545242	0	
11	N11	6	0.145833	4.545242	0	
12	N12	6	3.479167	4.545242	0	
13	N13	-6	0.145833	4.795242	0	
14	N14	-6	3.479167	4.795242	0	
15	N15	-2	0.145833	4.795242	0	
16	N16	-2	3.479167	4.795242	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
17	N17	2	0.145833	4.795242	0	
18	N18	2	3.479167	4.795242	0	
19	N19	6	0.145833	4.795242	0	
20	N20	6	3.479167	4.795242	0	
21	N21	-2.5	0	4.545242	0	
22	N22	-2.5	3.333333	4.545242	0	
23	N23	2.5	0	4.545242	0	
24	N24	2.5	3.333333	4.545242	0	
25	N25	-2.5	0	4.123367	0	
26	N26	-2.5	3.333333	4.123367	0	
27	N27	2.5	0	4.123367	0	
28	N28	2.5	3.333333	4.123367	0	
29	N29	0.	0	2.5817	0	
30	N30	0.	3.333333	2.5817	0	
31	N31	-0.53125	0	2.5817	0	
32	N32	-0.53125	3.333333	2.5817	0	
33	N33	0.53125	0	2.5817	0	
34	N34	0.53125	3.333333	2.5817	0	
35	N35	0.	0	2.165033	0	
36	N36	0.	3.333333	2.165033	0	
37	N39	-6	5.8125	4.795242	0	
38	N40	-2	5.8125	4.795242	0	
39	N41	2	5.8125	4.795242	0	
40	N42	6	5.8125	4.795242	0	
41	N43	-6	-2.1875	4.795242	0	
42	N44	-2	-2.1875	4.795242	0	
43	N45	2	-2.1875	4.795242	0	
44	N46	6	-2.1875	4.795242	0	
45	N58	-2.5	3.333333	4.170242	0	
46	N76	-0.09375	0	2.5817	0	
47	N77	-0.395833	0	2.5817	0	
48	N78	0.09375	0	2.5817	0	
49	N79	0.395833	0	2.5817	0	
50	N80	-0.09375	3.333333	2.5817	0	
51	N81	-0.395833	3.333333	2.5817	0	
52	N82	0.09375	3.333333	2.5817	0	
53	N83	0.395833	3.333333	2.5817	0	
54	N58A	0.	3.479167	4.545242	0	
55	N59	-2.5	0.145833	4.545242	0	
56	N60	-2.5	3.479167	4.545242	0	
57	N61	2.5	0.145833	4.545242	0	
58	N62	2.5	3.479167	4.545242	0	
59	N68	0	0	-0.000002	0	
60	N62A	0.	4.333333	2.165033	0	
61	N63	0.	-5.666667	2.165033	0	
62	N64	0.	-4.833333	2.165033	0	
63	N65	0	-0.666667	2.165033	0	
64	N64A	0.811295	0.145833	-7.68528	0	
65	N65A	7.061295	0.145833	3.140038	0	
66	N66	0.811295	3.479167	-7.68528	0	
67	N67	7.061295	3.479167	3.140038	0	
68	N68A	6.936295	0.145833	2.923532	0	
69	N69	6.936295	3.479167	2.923532	0	
70	N70	4.936295	0.145833	-0.54057	0	
71	N71	4.936295	3.479167	-0.54057	0	
72	N72	2.936295	0.145833	-4.004672	0	
73	N73	2.936295	3.479167	-4.004672	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
74	N74	0.936295	0.145833	-7.468773	0	
75	N75	0.936295	3.479167	-7.468773	0	
76	N76A	7.152801	0.145833	2.798532	0	
77	N77A	7.152801	3.479167	2.798532	0	
78	N78A	5.152801	0.145833	-0.66557	0	
79	N79A	5.152801	3.479167	-0.66557	0	
80	N80A	3.152801	0.145833	-4.129672	0	
81	N81A	3.152801	3.479167	-4.129672	0	
82	N82A	1.152801	0.145833	-7.593773	0	
83	N83A	1.152801	3.479167	-7.593773	0	
84	N84	5.186295	0	-0.107557	0	
85	N85	5.186295	3.333333	-0.107557	0	
86	N86	2.686295	0	-4.437684	0	
87	N87	2.686295	3.333333	-4.437684	0	
88	N88	4.82094	0	0.10338	0	
89	N89	4.82094	3.333333	0.10338	0	
90	N90	2.32094	0	-4.226747	0	
91	N91	2.32094	3.333333	-4.226747	0	
92	N92	2.235818	0	-1.29085	0	
93	N93	2.235818	3.333333	-1.29085	0	
94	N94	2.501443	0	-0.830774	0	
95	N95	2.501443	3.333333	-0.830774	0	
96	N96	1.970193	0	-1.750926	0	
97	N97	1.970193	3.333333	-1.750926	0	
98	N98	1.874974	0	-1.082517	0	
99	N99	1.874974	3.333333	-1.082517	0	
100	N100	7.152801	5.8125	2.798532	0	
101	N101	5.152801	5.8125	-0.66557	0	
102	N102	3.152801	5.8125	-4.129672	0	
103	N103	1.152801	5.8125	-7.593773	0	
104	N104	7.152801	-2.1875	2.798532	0	
105	N105	5.152801	-2.1875	-0.66557	0	
106	N106	3.152801	-2.1875	-4.129672	0	
107	N107	1.152801	-2.1875	-7.593773	0	
108	N108	4.861535	3.333333	0.079943	0	
109	N109	2.282693	0	-1.20966	0	
110	N110	2.433734	0	-0.948048	0	
111	N111	2.188943	0	-1.37204	0	
112	N112	2.037901	0	-1.633652	0	
113	N113	2.282693	3.333333	-1.20966	0	
114	N114	2.433734	3.333333	-0.948048	0	
115	N115	2.188943	3.333333	-1.37204	0	
116	N116	2.037901	3.333333	-1.633652	0	
117	N117	3.936295	3.479167	-2.272621	0	
118	N118	5.186295	0.145833	-0.107557	0	
119	N119	5.186295	3.479167	-0.107557	0	
120	N120	2.686295	0.145833	-4.437684	0	
121	N121	2.686295	3.479167	-4.437684	0	
122	N122	1.874974	4.333333	-1.082517	0	
123	N123	1.874974	-5.666667	-1.082517	0	
124	N124	1.874974	-4.833333	-1.082517	0	
125	N125	1.874974	-0.666667	-1.082517	0	
126	N126	-7.061295	0.145833	3.140038	0	
127	N127	-0.811295	0.145833	-7.68528	0	
128	N128	-7.061295	3.479167	3.140038	0	
129	N129	-0.811295	3.479167	-7.68528	0	
130	N130	-0.936295	0.145833	-7.468773	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
131	N131	-0.936295	3.479167	-7.468773	0	
132	N132	-2.936295	0.145833	-4.004672	0	
133	N133	-2.936295	3.479167	-4.004672	0	
134	N134	-4.936295	0.145833	-0.54057	0	
135	N135	-4.936295	3.479167	-0.54057	0	
136	N136	-6.936295	0.145833	2.923532	0	
137	N137	-6.936295	3.479167	2.923532	0	
138	N138	-1.152801	0.145833	-7.593773	0	
139	N139	-1.152801	3.479167	-7.593773	0	
140	N140	-3.152801	0.145833	-4.129672	0	
141	N141	-3.152801	3.479167	-4.129672	0	
142	N142	-5.152801	0.145833	-0.66557	0	
143	N143	-5.152801	3.479167	-0.66557	0	
144	N144	-7.152801	0.145833	2.798532	0	
145	N145	-7.152801	3.479167	2.798532	0	
146	N146	-2.686295	0	-4.437684	0	
147	N147	-2.686295	3.333333	-4.437684	0	
148	N148	-5.186295	0	-0.107557	0	
149	N149	-5.186295	3.333333	-0.107557	0	
150	N150	-2.32094	0	-4.226747	0	
151	N151	-2.32094	3.333333	-4.226747	0	
152	N152	-4.82094	0	0.10338	0	
153	N153	-4.82094	3.333333	0.10338	0	
154	N154	-2.235818	0	-1.29085	0	
155	N155	-2.235818	3.333333	-1.29085	0	
156	N156	-1.970193	0	-1.750926	0	
157	N157	-1.970193	3.333333	-1.750926	0	
158	N158	-2.501443	0	-0.830774	0	
159	N159	-2.501443	3.333333	-0.830774	0	
160	N160	-1.874974	0	-1.082517	0	
161	N161	-1.874974	3.333333	-1.082517	0	
162	N162	-1.152801	5.8125	-7.593773	0	
163	N163	-3.152801	5.8125	-4.129672	0	
164	N164	-5.152801	5.8125	-0.66557	0	
165	N165	-7.152801	5.8125	2.798532	0	
166	N166	-1.152801	-2.1875	-7.593773	0	
167	N167	-3.152801	-2.1875	-4.129672	0	
168	N168	-5.152801	-2.1875	-0.66557	0	
169	N169	-7.152801	-2.1875	2.798532	0	
170	N170	-2.361535	3.333333	-4.250184	0	
171	N171	-2.188943	0	-1.37204	0	
172	N172	-2.037901	0	-1.633652	0	
173	N173	-2.282693	0	-1.20966	0	
174	N174	-2.433734	0	-0.948048	0	
175	N175	-2.188943	3.333333	-1.37204	0	
176	N176	-2.037901	3.333333	-1.633652	0	
177	N177	-2.282693	3.333333	-1.20966	0	
178	N178	-2.433734	3.333333	-0.948048	0	
179	N179	-3.936295	3.479167	-2.272621	0	
180	N180	-2.686295	0.145833	-4.437684	0	
181	N181	-2.686295	3.479167	-4.437684	0	
182	N182	-5.186295	0.145833	-0.107557	0	
183	N183	-5.186295	3.479167	-0.107557	0	
184	N184	-1.874974	4.333333	-1.082517	0	
185	N185	-1.874974	-5.666667	-1.082517	0	
186	N186	-1.874974	-4.833333	-1.082517	0	
187	N187	-1.874974	-0.666667	-1.082517	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
188	N188	5.416667	3.479167	4.545242	0	
189	N190	1.874974	3.479167	-1.082517	0	
190	N194A	0.	0.916667	2.165033	0	
191	N195	1.874974	0.916667	-1.082517	0	
192	N196	1.874974	1.75	-1.082517	0	
193	N197	-1.874974	1.75	-1.082517	0	
194	N198	-1.874974	2.583333	-1.082517	0	
195	N199	0.	2.583333	2.165033	0	
196	N196A	1.227961	3.479167	-6.963592	0	
197	N197A	-1.874974	3.479167	-1.082517	0	
198	N198A	-6.644628	3.479167	2.41835	0	
199	N199A	0.	3.479167	2.165033	0	

Hot Rolled Steel Section Sets

	Label	Shape	Type	Design List	Material	Design ...	A [in2]	Iyy [in4]	Izz [in4]	J [in4]
1	Antenna Pipe	PIPE_2.0	Beam	Pipe	A53 Gr. B	Typical	1.02	.627	.627	1.25
2	Horizontal mount ...	PIPE_2.5	Beam	Pipe	Q235	Typical	1.61	1.45	1.45	2.89
3	Standoff Horizontal	PIPE_2.0	Beam	Pipe	Q235	Typical	1.02	.627	.627	1.25
4	Standoff Diagonal	SR_0.75	Beam	BAR	Q235	Typical	.442	.016	.016	.031
5	Tieback	PIPE_2.0	Beam	Pipe	Q235	Typical	1.02	.627	.627	1.25
6	Standoff Vertical	SR_0.625	Beam	BAR	Q235	Typical	.307	.007	.007	.015
7	Standoff Plate	PL5/8X3.5	Beam	BAR	Q235	Typical	2.188	.071	2.233	.253
8	Mast Pipe	PIPE_4.0X	Column	Pipe	A53 Gr. B	Typical	4.14	9.12	9.12	18.2
9	Dual Mount pipe	PIPE_2.5	Column	Pipe	A53 Gr. B	Typical	1.61	1.45	1.45	2.89
10	Mast Pipe Bracing	PIPE_3.0	Beam	Pipe	A53 Gr. B	Typical	2.07	2.85	2.85	5.69

Hot Rolled Steel Properties

	Label	E [ksi]	G [ksi]	Nu	Therm (/1...	Density[k/ft...	Yield[ksi]	Ry	Fu[ksi]	Rt
1	A36 Gr.36	29000	11154	.3	.65	.49	36	1.5	58	1.2
2	A53 Gr. B	29000	11154	.3	.65	.49	35	1.5	60	1.2
3	A572 Gr.50	29000	11154	.3	.65	.49	50	1.1	65	1.1
4	A992	29000	11154	.3	.65	.49	50	1.1	65	1.1
5	A500 Gr. B 42	29000	11154	.3	.65	.49	42	1.4	58	1.3
6	A500 Gr. B 46	29000	11154	.3	.65	.49	46	1.4	58	1.3
7	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	M1	N2	N1			Horizontal mou...	Beam	Pipe	Q235	Typical
2	M2	N4	N3			Horizontal mou...	Beam	Pipe	Q235	Typical
3	M3	N5	N13			RIGID	None	None	RIGID	Typical
4	M4	N6	N14			RIGID	None	None	RIGID	Typical
5	M5	N8	N16			RIGID	None	None	RIGID	Typical
6	M6	N7	N15			RIGID	None	None	RIGID	Typical
7	M9	N10	N18			RIGID	None	None	RIGID	Typical
8	M10	N9	N17			RIGID	None	None	RIGID	Typical
9	M11	N12	N20			RIGID	None	None	RIGID	Typical
10	M12	N11	N19			RIGID	None	None	RIGID	Typical
11	M13	N22	N26		90	Standoff Plate	Beam	BAR	Q235	Typical
12	M14	N21	N25		90	Standoff Plate	Beam	BAR	Q235	Typical
13	M15	N23	N27		90	Standoff Plate	Beam	BAR	Q235	Typical
14	M16	N24	N28		90	Standoff Plate	Beam	BAR	Q235	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
15	M17	N26	N32			Standoff Horiz...	Beam	Pipe	Q235	Typical
16	M18	N25	N31			Standoff Horiz...	Beam	Pipe	Q235	Typical
17	M19	N27	N33			Standoff Horiz...	Beam	Pipe	Q235	Typical
18	OVP	N28	N34			Standoff Horiz...	Beam	Pipe	Q235	Typical
19	M21	N32	N30		90	Standoff Plate	Beam	BAR	Q235	Typical
20	M22	N34	N30		90	Standoff Plate	Beam	BAR	Q235	Typical
21	M23	N31	N29		90	Standoff Plate	Beam	BAR	Q235	Typical
22	M24	N33	N29		90	Standoff Plate	Beam	BAR	Q235	Typical
23	M25	N31	N26			Standoff Diago...	Beam	BAR	Q235	Typical
24	M26	N32	N25			Standoff Diago...	Beam	BAR	Q235	Typical
25	M27	N33	N28			Standoff Diago...	Beam	BAR	Q235	Typical
26	M28	N27	N34			Standoff Diago...	Beam	BAR	Q235	Typical
27	M29	N29	N35			RIGID	None	None	RIGID	Typical
28	M30	N30	N36			RIGID	None	None	RIGID	Typical
29	MP4A	N39	N43			Antenna Pipe	Beam	Pipe	A53 Gr. B	Typical
30	MP3A	N40	N44			Antenna Pipe	Beam	Pipe	A53 Gr. B	Typical
31	MP2A	N41	N45			Dual Mount pipe	Column	Pipe	A53 Gr. B	Typical
32	MP1A	N42	N46			Antenna Pipe	Beam	Pipe	A53 Gr. B	Typical
33	M44	N25	N26			Standoff Vertical	Beam	BAR	Q235	Typical
34	M45	N31	N32			Standoff Vertical	Beam	BAR	Q235	Typical
35	M46	N33	N34			Standoff Vertical	Beam	BAR	Q235	Typical
36	M47	N27	N28			Standoff Vertical	Beam	BAR	Q235	Typical
37	M47B	N22	N60			RIGID	None	None	RIGID	Typical
38	M48A	N21	N59			RIGID	None	None	RIGID	Typical
39	M49A	N24	N62			RIGID	None	None	RIGID	Typical
40	M50A	N23	N61			RIGID	None	None	RIGID	Typical
41	M51A	N30	N36			RIGID	None	None	RIGID	Typical
42	M52A	N29	N35			RIGID	None	None	RIGID	Typical
43	M43	N62A	N63			Mast Pipe	Column	Pipe	A53 Gr. B	Typical
44	M44A	N65A	N64A			Horizontal mou...	Beam	Pipe	Q235	Typical
45	M45A	N67	N66			Horizontal mou...	Beam	Pipe	Q235	Typical
46	M46A	N68A	N76A			RIGID	None	None	RIGID	Typical
47	M47A	N69	N77A			RIGID	None	None	RIGID	Typical
48	M48	N71	N79A			RIGID	None	None	RIGID	Typical
49	M49	N70	N78A			RIGID	None	None	RIGID	Typical
50	M50	N73	N81A			RIGID	None	None	RIGID	Typical
51	M51	N72	N80A			RIGID	None	None	RIGID	Typical
52	M52	N75	N83A			RIGID	None	None	RIGID	Typical
53	M53	N74	N82A			RIGID	None	None	RIGID	Typical
54	M54	N85	N89		90	Standoff Plate	Beam	BAR	Q235	Typical
55	M55	N84	N88		90	Standoff Plate	Beam	BAR	Q235	Typical
56	M56	N86	N90		90	Standoff Plate	Beam	BAR	Q235	Typical
57	M57	N87	N91		90	Standoff Plate	Beam	BAR	Q235	Typical
58	M58	N89	N95			Standoff Horiz...	Beam	Pipe	Q235	Typical
59	M59	N88	N94			Standoff Horiz...	Beam	Pipe	Q235	Typical
60	M60	N90	N96			Standoff Horiz...	Beam	Pipe	Q235	Typical
61	M61	N91	N97			Standoff Horiz...	Beam	Pipe	Q235	Typical
62	M62	N95	N93		90	Standoff Plate	Beam	BAR	Q235	Typical
63	M63	N97	N93		90	Standoff Plate	Beam	BAR	Q235	Typical
64	M64	N94	N92		90	Standoff Plate	Beam	BAR	Q235	Typical
65	M65	N96	N92		90	Standoff Plate	Beam	BAR	Q235	Typical
66	M66	N94	N89			Standoff Diago...	Beam	BAR	Q235	Typical
67	M67	N95	N88			Standoff Diago...	Beam	BAR	Q235	Typical
68	M68	N96	N91			Standoff Diago...	Beam	BAR	Q235	Typical
69	M69	N90	N97			Standoff Diago...	Beam	BAR	Q235	Typical
70	MP4C	N100	N104			Antenna Pipe	Beam	Pipe	A53 Gr. B	Typical
71	MP3C	N101	N105			Antenna Pipe	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
72	MP2C	N102	N106			Dual Mount pipe	Column	Pipe	A53 Gr. B	Typical
73	MP1C	N103	N107			Antenna Pipe	Beam	Pipe	A53 Gr. B	Typical
74	M74	N88	N89			Standoff Vertical	Beam	BAR	Q235	Typical
75	M75	N94	N95			Standoff Vertical	Beam	BAR	Q235	Typical
76	M76	N96	N97			Standoff Vertical	Beam	BAR	Q235	Typical
77	M77	N90	N91			Standoff Vertical	Beam	BAR	Q235	Typical
78	M78	N85	N119			RIGID	None	None	RIGID	Typical
79	M79	N84	N118			RIGID	None	None	RIGID	Typical
80	M80	N87	N121			RIGID	None	None	RIGID	Typical
81	M81	N86	N120			RIGID	None	None	RIGID	Typical
82	M82	N93	N99			RIGID	None	None	RIGID	Typical
83	M83	N92	N98			RIGID	None	None	RIGID	Typical
84	M84	N122	N123			Mast Pipe	Column	Pipe	A53 Gr. B	Typical
85	M85	N127	N126			Horizontal mou...	Beam	Pipe	Q235	Typical
86	M86	N129	N128			Horizontal mou...	Beam	Pipe	Q235	Typical
87	M87	N130	N138			RIGID	None	None	RIGID	Typical
88	M88	N131	N139			RIGID	None	None	RIGID	Typical
89	M89	N133	N141			RIGID	None	None	RIGID	Typical
90	M90	N132	N140			RIGID	None	None	RIGID	Typical
91	M91	N135	N143			RIGID	None	None	RIGID	Typical
92	M92	N134	N142			RIGID	None	None	RIGID	Typical
93	M93	N137	N145			RIGID	None	None	RIGID	Typical
94	M94	N136	N144			RIGID	None	None	RIGID	Typical
95	M95	N147	N151		90	Standoff Plate	Beam	BAR	Q235	Typical
96	M96	N146	N150		90	Standoff Plate	Beam	BAR	Q235	Typical
97	M97	N148	N152		90	Standoff Plate	Beam	BAR	Q235	Typical
98	M98	N149	N153		90	Standoff Plate	Beam	BAR	Q235	Typical
99	M99	N151	N157			Standoff Horiz...	Beam	Pipe	Q235	Typical
100	M100	N150	N156			Standoff Horiz...	Beam	Pipe	Q235	Typical
101	M101	N152	N158			Standoff Horiz...	Beam	Pipe	Q235	Typical
102	M102	N153	N159			Standoff Horiz...	Beam	Pipe	Q235	Typical
103	M103	N157	N155		90	Standoff Plate	Beam	BAR	Q235	Typical
104	M104	N159	N155		90	Standoff Plate	Beam	BAR	Q235	Typical
105	M105	N156	N154		90	Standoff Plate	Beam	BAR	Q235	Typical
106	M106	N158	N154		90	Standoff Plate	Beam	BAR	Q235	Typical
107	M107	N156	N151			Standoff Diago...	Beam	BAR	Q235	Typical
108	M108	N157	N150			Standoff Diago...	Beam	BAR	Q235	Typical
109	M109	N158	N153			Standoff Diago...	Beam	BAR	Q235	Typical
110	M110	N152	N159			Standoff Diago...	Beam	BAR	Q235	Typical
111	MP4B	N162	N166			Antenna Pipe	Beam	Pipe	A53 Gr. B	Typical
112	MP3B	N163	N167			Antenna Pipe	Beam	Pipe	A53 Gr. B	Typical
113	MP2B	N164	N168			Dual Mount pipe	Column	Pipe	A53 Gr. B	Typical
114	MP1B	N165	N169			Antenna Pipe	Beam	Pipe	A53 Gr. B	Typical
115	M115	N150	N151			Standoff Vertical	Beam	BAR	Q235	Typical
116	M116	N156	N157			Standoff Vertical	Beam	BAR	Q235	Typical
117	M117	N158	N159			Standoff Vertical	Beam	BAR	Q235	Typical
118	M118	N152	N153			Standoff Vertical	Beam	BAR	Q235	Typical
119	M119	N147	N181			RIGID	None	None	RIGID	Typical
120	M120	N146	N180			RIGID	None	None	RIGID	Typical
121	M121	N149	N183			RIGID	None	None	RIGID	Typical
122	M122	N148	N182			RIGID	None	None	RIGID	Typical
123	M123	N155	N161			RIGID	None	None	RIGID	Typical
124	M124	N154	N160			RIGID	None	None	RIGID	Typical
125	M125	N184	N185			Mast Pipe	Column	Pipe	A53 Gr. B	Typical
126	M126	N188	N190			Tieback	Beam	Pipe	Q235	Typical
127	M129	N194A	N195			Mast Pipe Bra...	Beam	Pipe	A53 Gr. B	Typical
128	M130	N196	N197			Mast Pipe Bra...	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
129	M131	N198	N199			Mast Pipe Bra...	Beam	Pipe	A53 Gr. B	Typical
130	M130A	N196A	N197A			Tieback	Beam	Pipe	Q235	Typical
131	M131A	N198A	N199A			Tieback	Beam	Pipe	Q235	Typical

Member Advanced Data

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
1	M1						Yes				None
2	M2						Yes				None
3	M3						Yes	** NA **			None
4	M4						Yes	** NA **			None
5	M5						Yes	** NA **			None
6	M6						Yes	** NA **			None
7	M9						Yes	** NA **			None
8	M10						Yes	** NA **			None
9	M11						Yes	** NA **			None
10	M12						Yes	** NA **			None
11	M13						Yes	Default			None
12	M14						Yes	Default			None
13	M15						Yes				None
14	M16						Yes				None
15	M17						Yes	Default			None
16	M18						Yes				None
17	M19						Yes				None
18	OVP						Yes	Default			None
19	M21						Yes	Default			None
20	M22						Yes				None
21	M23						Yes				None
22	M24						Yes				None
23	M25	BenPIN	BenPIN			Euler Buc...	Yes	Default			None
24	M26	BenPIN	BenPIN			Euler Buc...	Yes	Default			None
25	M27	BenPIN	BenPIN			Euler Buc...	Yes				None
26	M28	BenPIN	BenPIN			Euler Buc...	Yes				None
27	M29						Yes	** NA **		Inactive	None
28	M30						Yes	** NA **		Inactive	None
29	MP4A						Yes				None
30	MP3A						Yes				None
31	MP2A						Yes	** NA **			None
32	MP1A						Yes				None
33	M44	BenPIN	BenPIN				Yes				None
34	M45	BenPIN	BenPIN				Yes				None
35	M46	BenPIN	BenPIN				Yes				None
36	M47	BenPIN	BenPIN				Yes	Default			None
37	M47B		OOOXOO				Yes	** NA **			None
38	M48A		OOOXOO				Yes	** NA **			None
39	M49A		OOOXOO				Yes	** NA **			None
40	M50A		OOOXOO				Yes	** NA **			None
41	M51A						Yes	** NA **			None
42	M52A						Yes	** NA **			None
43	M43						Yes	** NA **			None
44	M44A						Yes				None
45	M45A						Yes				None
46	M46A						Yes	** NA **			None
47	M47A						Yes	** NA **			None
48	M48						Yes	** NA **			None
49	M49						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...
50	M50						Yes	** NA **			None
51	M51						Yes	** NA **			None
52	M52						Yes	** NA **			None
53	M53						Yes	** NA **			None
54	M54						Yes	Default			None
55	M55						Yes	Default			None
56	M56						Yes				None
57	M57						Yes				None
58	M58						Yes	Default			None
59	M59						Yes				None
60	M60						Yes				None
61	M61						Yes	Default			None
62	M62						Yes	Default			None
63	M63						Yes				None
64	M64						Yes				None
65	M65						Yes				None
66	M66	BenPIN	BenPIN			Euler Buc...	Yes	Default			None
67	M67	BenPIN	BenPIN			Euler Buc...	Yes	Default			None
68	M68	BenPIN	BenPIN			Euler Buc...	Yes				None
69	M69	BenPIN	BenPIN			Euler Buc...	Yes				None
70	MP4C						Yes				None
71	MP3C						Yes				None
72	MP2C						Yes	** NA **			None
73	MP1C						Yes				None
74	M74	BenPIN	BenPIN				Yes				None
75	M75	BenPIN	BenPIN				Yes				None
76	M76	BenPIN	BenPIN				Yes				None
77	M77	BenPIN	BenPIN				Yes	Default			None
78	M78		OOOXOO				Yes	** NA **			None
79	M79		OOOXOO				Yes	** NA **			None
80	M80		OOOXOO				Yes	** NA **			None
81	M81		OOOXOO				Yes	** NA **			None
82	M82						Yes	** NA **			None
83	M83						Yes	** NA **			None
84	M84						Yes	** NA **			None
85	M85						Yes				None
86	M86						Yes				None
87	M87						Yes	** NA **			None
88	M88						Yes	** NA **			None
89	M89						Yes	** NA **			None
90	M90						Yes	** NA **			None
91	M91						Yes	** NA **			None
92	M92						Yes	** NA **			None
93	M93						Yes	** NA **			None
94	M94						Yes	** NA **			None
95	M95						Yes	Default			None
96	M96						Yes	Default			None
97	M97						Yes				None
98	M98						Yes				None
99	M99						Yes	Default			None
100	M100						Yes				None
101	M101						Yes				None
102	M102						Yes	Default			None
103	M103						Yes	Default			None
104	M104						Yes				None
105	M105						Yes				None
106	M106						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...
107	M107	BenPIN	BenPIN			Euler Buc...	Yes	Default			None
108	M108	BenPIN	BenPIN			Euler Buc...	Yes	Default			None
109	M109	BenPIN	BenPIN			Euler Buc...	Yes				None
110	M110	BenPIN	BenPIN			Euler Buc...	Yes				None
111	MP4B						Yes				None
112	MP3B						Yes				None
113	MP2B						Yes	** NA **			None
114	MP1B						Yes				None
115	M115	BenPIN	BenPIN				Yes				None
116	M116	BenPIN	BenPIN				Yes				None
117	M117	BenPIN	BenPIN				Yes				None
118	M118	BenPIN	BenPIN				Yes	Default			None
119	M119		OOOXOO				Yes	** NA **			None
120	M120		OOOXOO				Yes	** NA **			None
121	M121		OOOXOO				Yes	** NA **			None
122	M122		OOOXOO				Yes	** NA **			None
123	M123						Yes	** NA **			None
124	M124						Yes	** NA **			None
125	M125						Yes	** NA **			None
126	M126	BenPIN	BenPIN				Yes	Default			None
127	M129	OOOOXO	OOOOXO				Yes				None
128	M130	OOOOXO	OOOOXO				Yes	Default			None
129	M131	OOOOXO	OOOOXO				Yes				None
130	M130A	BenPIN	BenPIN				Yes	Default			None
131	M131A	BenPIN	BenPIN				Yes	Default			None

Member Point Loads (BLC 1 : Antenna D)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	Y	-23	1.75
2	MP2A	My	-.017	1.75
3	MP2A	Mz	.015	1.75
4	MP2A	Y	-23	5.75
5	MP2A	My	-.017	5.75
6	MP2A	Mz	.015	5.75
7	MP2B	Y	-23	1.75
8	MP2B	My	-.000658	1.75
9	MP2B	Mz	-.023	1.75
10	MP2B	Y	-23	5.75
11	MP2B	My	-.000658	5.75
12	MP2B	Mz	-.023	5.75
13	MP2C	Y	-23	1.75
14	MP2C	My	.023	1.75
15	MP2C	Mz	.003	1.75
16	MP2C	Y	-23	5.75
17	MP2C	My	.023	5.75
18	MP2C	Mz	.003	5.75
19	MP2A	Y	-23	1.75
20	MP2A	My	-.017	1.75
21	MP2A	Mz	-.015	1.75
22	MP2A	Y	-23	5.75
23	MP2A	My	-.017	5.75
24	MP2A	Mz	-.015	5.75
25	MP2B	Y	-23	1.75
26	MP2B	My	.023	1.75
27	MP2B	Mz	-.003	1.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
28	MP2B	Y	-23	5.75
29	MP2B	My	.023	5.75
30	MP2B	Mz	-.003	5.75
31	MP2C	Y	-23	1.75
32	MP2C	My	-.000658	1.75
33	MP2C	Mz	.023	1.75
34	MP2C	Y	-23	5.75
35	MP2C	My	-.000658	5.75
36	MP2C	Mz	.023	5.75
37	MP1A	Y	-43.55	2.75
38	MP1A	My	-.033	2.75
39	MP1A	Mz	0	2.75
40	MP1A	Y	-43.55	4.75
41	MP1A	My	-.033	4.75
42	MP1A	Mz	0	4.75
43	MP1B	Y	-43.55	2.75
44	MP1B	My	.021	2.75
45	MP1B	Mz	-.025	2.75
46	MP1B	Y	-43.55	4.75
47	MP1B	My	.021	4.75
48	MP1B	Mz	-.025	4.75
49	MP1C	Y	-43.55	2.75
50	MP1C	My	.021	2.75
51	MP1C	Mz	.025	2.75
52	MP1C	Y	-43.55	4.75
53	MP1C	My	.021	4.75
54	MP1C	Mz	.025	4.75
55	OVP	Y	-32	2
56	OVP	My	0	2
57	OVP	Mz	0	2
58	MP3A	Y	-84.4	3
59	MP3A	My	.042	3
60	MP3A	Mz	0	3
61	MP3B	Y	-84.4	3
62	MP3B	My	-.021	3
63	MP3B	Mz	.037	3
64	MP3C	Y	-84.4	3
65	MP3C	My	-.021	3
66	MP3C	Mz	-.037	3
67	MP2A	Y	-70.3	3
68	MP2A	My	.035	3
69	MP2A	Mz	0	3
70	MP2B	Y	-70.3	3
71	MP2B	My	-.018	3
72	MP2B	Mz	.03	3
73	MP2C	Y	-70.3	3
74	MP2C	My	-.018	3
75	MP2C	Mz	-.03	3
76	MP3A	Y	-13.15	1.75
77	MP3A	My	-.01	1.75
78	MP3A	Mz	0	1.75
79	MP3A	Y	-13.15	5.75
80	MP3A	My	-.01	5.75
81	MP3A	Mz	0	5.75
82	MP3B	Y	-13.15	1.75
83	MP3B	My	.005	1.75
84	MP3B	Mz	-.009	1.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
85	MP3B	Y	-13.15	5.75
86	MP3B	My	.005	5.75
87	MP3B	Mz	-.009	5.75
88	MP3C	Y	-13.15	1.75
89	MP3C	My	.005	1.75
90	MP3C	Mz	.009	1.75
91	MP3C	Y	-13.15	5.75
92	MP3C	My	.005	5.75
93	MP3C	Mz	.009	5.75

Member Point Loads (BLC 2 : Antenna Di)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	Y	-85.573	1.75
2	MP2A	My	-.064	1.75
3	MP2A	Mz	.057	1.75
4	MP2A	Y	-85.573	5.75
5	MP2A	My	-.064	5.75
6	MP2A	Mz	.057	5.75
7	MP2B	Y	-85.573	1.75
8	MP2B	My	-.002	1.75
9	MP2B	Mz	-.086	1.75
10	MP2B	Y	-85.573	5.75
11	MP2B	My	-.002	5.75
12	MP2B	Mz	-.086	5.75
13	MP2C	Y	-85.573	1.75
14	MP2C	My	.085	1.75
15	MP2C	Mz	.012	1.75
16	MP2C	Y	-85.573	5.75
17	MP2C	My	.085	5.75
18	MP2C	Mz	.012	5.75
19	MP2A	Y	-85.573	1.75
20	MP2A	My	-.064	1.75
21	MP2A	Mz	-.057	1.75
22	MP2A	Y	-85.573	5.75
23	MP2A	My	-.064	5.75
24	MP2A	Mz	-.057	5.75
25	MP2B	Y	-85.573	1.75
26	MP2B	My	.085	1.75
27	MP2B	Mz	-.012	1.75
28	MP2B	Y	-85.573	5.75
29	MP2B	My	.085	5.75
30	MP2B	Mz	-.012	5.75
31	MP2C	Y	-85.573	1.75
32	MP2C	My	-.002	1.75
33	MP2C	Mz	.086	1.75
34	MP2C	Y	-85.573	5.75
35	MP2C	My	-.002	5.75
36	MP2C	Mz	.086	5.75
37	MP1A	Y	-36.996	2.75
38	MP1A	My	-.028	2.75
39	MP1A	Mz	0	2.75
40	MP1A	Y	-36.996	4.75
41	MP1A	My	-.028	4.75
42	MP1A	Mz	0	4.75
43	MP1B	Y	-36.996	2.75
44	MP1B	My	.018	2.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
45	MP1B	Mz	-.021	2.75
46	MP1B	Y	-36.996	4.75
47	MP1B	My	.018	4.75
48	MP1B	Mz	-.021	4.75
49	MP1C	Y	-36.996	2.75
50	MP1C	My	.018	2.75
51	MP1C	Mz	.021	2.75
52	MP1C	Y	-36.996	4.75
53	MP1C	My	.018	4.75
54	MP1C	Mz	.021	4.75
55	OVP	Y	-78.869	2
56	OVP	My	0	2
57	OVP	Mz	0	2
58	MP3A	Y	-46.669	3
59	MP3A	My	.023	3
60	MP3A	Mz	0	3
61	MP3B	Y	-46.669	3
62	MP3B	My	-.012	3
63	MP3B	Mz	.02	3
64	MP3C	Y	-46.669	3
65	MP3C	My	-.012	3
66	MP3C	Mz	-.02	3
67	MP2A	Y	-41.982	3
68	MP2A	My	.021	3
69	MP2A	Mz	0	3
70	MP2B	Y	-41.982	3
71	MP2B	My	-.01	3
72	MP2B	Mz	.018	3
73	MP2C	Y	-41.982	3
74	MP2C	My	-.01	3
75	MP2C	Mz	-.018	3
76	MP3A	Y	-63.492	1.75
77	MP3A	My	-.048	1.75
78	MP3A	Mz	0	1.75
79	MP3A	Y	-63.492	5.75
80	MP3A	My	-.048	5.75
81	MP3A	Mz	0	5.75
82	MP3B	Y	-63.492	1.75
83	MP3B	My	.024	1.75
84	MP3B	Mz	-.041	1.75
85	MP3B	Y	-63.492	5.75
86	MP3B	My	.024	5.75
87	MP3B	Mz	-.041	5.75
88	MP3C	Y	-63.492	1.75
89	MP3C	My	.024	1.75
90	MP3C	Mz	.041	1.75
91	MP3C	Y	-63.492	5.75
92	MP3C	My	.024	5.75
93	MP3C	Mz	.041	5.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	1.75
2	MP2A	Z	-180.888	1.75
3	MP2A	Mx	-.121	1.75
4	MP2A	X	0	5.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
5	MP2A	Z	-180.888	5.75
6	MP2A	Mx	-.121	5.75
7	MP2B	X	0	1.75
8	MP2B	Z	-153.657	1.75
9	MP2B	Mx	.154	1.75
10	MP2B	X	0	5.75
11	MP2B	Z	-153.657	5.75
12	MP2B	Mx	.154	5.75
13	MP2C	X	0	1.75
14	MP2C	Z	-153.657	1.75
15	MP2C	Mx	-.022	1.75
16	MP2C	X	0	5.75
17	MP2C	Z	-153.657	5.75
18	MP2C	Mx	-.022	5.75
19	MP2A	X	0	1.75
20	MP2A	Z	-180.888	1.75
21	MP2A	Mx	.121	1.75
22	MP2A	X	0	5.75
23	MP2A	Z	-180.888	5.75
24	MP2A	Mx	.121	5.75
25	MP2B	X	0	1.75
26	MP2B	Z	-153.657	1.75
27	MP2B	Mx	.022	1.75
28	MP2B	X	0	5.75
29	MP2B	Z	-153.657	5.75
30	MP2B	Mx	.022	5.75
31	MP2C	X	0	1.75
32	MP2C	Z	-153.657	1.75
33	MP2C	Mx	-.154	1.75
34	MP2C	X	0	5.75
35	MP2C	Z	-153.657	5.75
36	MP2C	Mx	-.154	5.75
37	MP1A	X	0	2.75
38	MP1A	Z	-86.137	2.75
39	MP1A	Mx	0	2.75
40	MP1A	X	0	4.75
41	MP1A	Z	-86.137	4.75
42	MP1A	Mx	0	4.75
43	MP1B	X	0	2.75
44	MP1B	Z	-55.379	2.75
45	MP1B	Mx	.032	2.75
46	MP1B	X	0	4.75
47	MP1B	Z	-55.379	4.75
48	MP1B	Mx	.032	4.75
49	MP1C	X	0	2.75
50	MP1C	Z	-55.379	2.75
51	MP1C	Mx	-.032	2.75
52	MP1C	X	0	4.75
53	MP1C	Z	-55.379	4.75
54	MP1C	Mx	-.032	4.75
55	OVP	X	0	2
56	OVP	Z	-138.919	2
57	OVP	Mx	0	2
58	MP3A	X	0	3
59	MP3A	Z	-68.543	3
60	MP3A	Mx	0	3
61	MP3B	X	0	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
62	MP3B	Z	-51.499	3
63	MP3B	Mx	-.022	3
64	MP3C	X	0	3
65	MP3C	Z	-51.499	3
66	MP3C	Mx	.022	3
67	MP2A	X	0	3
68	MP2A	Z	-68.543	3
69	MP2A	Mx	0	3
70	MP2B	X	0	3
71	MP2B	Z	-44.97	3
72	MP2B	Mx	-.019	3
73	MP2C	X	0	3
74	MP2C	Z	-44.97	3
75	MP2C	Mx	.019	3
76	MP3A	X	0	1.75
77	MP3A	Z	-149.732	1.75
78	MP3A	Mx	0	1.75
79	MP3A	X	0	5.75
80	MP3A	Z	-149.732	5.75
81	MP3A	Mx	0	5.75
82	MP3B	X	0	1.75
83	MP3B	Z	-111.732	1.75
84	MP3B	Mx	.073	1.75
85	MP3B	X	0	5.75
86	MP3B	Z	-111.732	5.75
87	MP3B	Mx	.073	5.75
88	MP3C	X	0	1.75
89	MP3C	Z	-111.732	1.75
90	MP3C	Mx	-.073	1.75
91	MP3C	X	0	5.75
92	MP3C	Z	-111.732	5.75
93	MP3C	Mx	-.073	5.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	84.644	1.75
2	MP2A	Z	-146.607	1.75
3	MP2A	Mx	-.161	1.75
4	MP2A	X	84.644	5.75
5	MP2A	Z	-146.607	5.75
6	MP2A	Mx	-.161	5.75
7	MP2B	X	67.941	1.75
8	MP2B	Z	-117.678	1.75
9	MP2B	Mx	.116	1.75
10	MP2B	X	67.941	5.75
11	MP2B	Z	-117.678	5.75
12	MP2B	Mx	.116	5.75
13	MP2C	X	87.73	1.75
14	MP2C	Z	-151.953	1.75
15	MP2C	Mx	.065	1.75
16	MP2C	X	87.73	5.75
17	MP2C	Z	-151.953	5.75
18	MP2C	Mx	.065	5.75
19	MP2A	X	84.644	1.75
20	MP2A	Z	-146.607	1.75
21	MP2A	Mx	.034	1.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
22	MP2A	X	84.644	5.75
23	MP2A	Z	-146.607	5.75
24	MP2A	Mx	.034	5.75
25	MP2B	X	67.941	1.75
26	MP2B	Z	-117.678	1.75
27	MP2B	Mx	.085	1.75
28	MP2B	X	67.941	5.75
29	MP2B	Z	-117.678	5.75
30	MP2B	Mx	.085	5.75
31	MP2C	X	87.73	1.75
32	MP2C	Z	-151.953	1.75
33	MP2C	Mx	-.155	1.75
34	MP2C	X	87.73	5.75
35	MP2C	Z	-151.953	5.75
36	MP2C	Mx	-.155	5.75
37	MP1A	X	36.517	2.75
38	MP1A	Z	-63.249	2.75
39	MP1A	Mx	-.027	2.75
40	MP1A	X	36.517	4.75
41	MP1A	Z	-63.249	4.75
42	MP1A	Mx	-.027	4.75
43	MP1B	X	17.652	2.75
44	MP1B	Z	-30.573	2.75
45	MP1B	Mx	.026	2.75
46	MP1B	X	17.652	4.75
47	MP1B	Z	-30.573	4.75
48	MP1B	Mx	.026	4.75
49	MP1C	X	40.003	2.75
50	MP1C	Z	-69.287	2.75
51	MP1C	Mx	-.021	2.75
52	MP1C	X	40.003	4.75
53	MP1C	Z	-69.287	4.75
54	MP1C	Mx	-.021	4.75
55	OVP	X	63.589	2
56	OVP	Z	-110.139	2
57	OVP	Mx	0	2
58	MP3A	X	31.431	3
59	MP3A	Z	-54.44	3
60	MP3A	Mx	.016	3
61	MP3B	X	22.909	3
62	MP3B	Z	-39.679	3
63	MP3B	Mx	-.023	3
64	MP3C	X	31.431	3
65	MP3C	Z	-54.44	3
66	MP3C	Mx	.016	3
67	MP2A	X	30.343	3
68	MP2A	Z	-52.555	3
69	MP2A	Mx	.015	3
70	MP2B	X	18.556	3
71	MP2B	Z	-32.14	3
72	MP2B	Mx	-.019	3
73	MP2C	X	30.343	3
74	MP2C	Z	-52.555	3
75	MP2C	Mx	.015	3
76	MP3A	X	68.533	1.75
77	MP3A	Z	-118.702	1.75
78	MP3A	Mx	-.051	1.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
79	MP3A	X	68.533	5.75
80	MP3A	Z	-118.702	5.75
81	MP3A	Mx	-.051	5.75
82	MP3B	X	49.532	1.75
83	MP3B	Z	-85.793	1.75
84	MP3B	Mx	.074	1.75
85	MP3B	X	49.532	5.75
86	MP3B	Z	-85.793	5.75
87	MP3B	Mx	.074	5.75
88	MP3C	X	68.533	1.75
89	MP3C	Z	-118.702	1.75
90	MP3C	Mx	-.051	1.75
91	MP3C	X	68.533	5.75
92	MP3C	Z	-118.702	5.75
93	MP3C	Mx	-.051	5.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	126.513	1.75
2	MP2A	Z	-73.042	1.75
3	MP2A	Mx	-.144	1.75
4	MP2A	X	126.513	5.75
5	MP2A	Z	-73.042	5.75
6	MP2A	Mx	-.144	5.75
7	MP2B	X	121.167	1.75
8	MP2B	Z	-69.956	1.75
9	MP2B	Mx	.067	1.75
10	MP2B	X	121.167	5.75
11	MP2B	Z	-69.956	5.75
12	MP2B	Mx	.067	5.75
13	MP2C	X	155.442	1.75
14	MP2C	Z	-89.744	1.75
15	MP2C	Mx	.141	1.75
16	MP2C	X	155.442	5.75
17	MP2C	Z	-89.744	5.75
18	MP2C	Mx	.141	5.75
19	MP2A	X	126.513	1.75
20	MP2A	Z	-73.042	1.75
21	MP2A	Mx	-.046	1.75
22	MP2A	X	126.513	5.75
23	MP2A	Z	-73.042	5.75
24	MP2A	Mx	-.046	5.75
25	MP2B	X	121.167	1.75
26	MP2B	Z	-69.956	1.75
27	MP2B	Mx	.131	1.75
28	MP2B	X	121.167	5.75
29	MP2B	Z	-69.956	5.75
30	MP2B	Mx	.131	5.75
31	MP2C	X	155.442	1.75
32	MP2C	Z	-89.744	1.75
33	MP2C	Mx	-.094	1.75
34	MP2C	X	155.442	5.75
35	MP2C	Z	-89.744	5.75
36	MP2C	Mx	-.094	5.75
37	MP1A	X	40.553	2.75
38	MP1A	Z	-23.413	2.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
39	MP1A	Mx	-.03	2.75
40	MP1A	X	40.553	4.75
41	MP1A	Z	-23.413	4.75
42	MP1A	Mx	-.03	4.75
43	MP1B	X	34.515	2.75
44	MP1B	Z	-19.927	2.75
45	MP1B	Mx	.028	2.75
46	MP1B	X	34.515	4.75
47	MP1B	Z	-19.927	4.75
48	MP1B	Mx	.028	4.75
49	MP1C	X	73.228	2.75
50	MP1C	Z	-42.278	2.75
51	MP1C	Mx	.011	2.75
52	MP1C	X	73.228	4.75
53	MP1C	Z	-42.278	4.75
54	MP1C	Mx	.011	4.75
55	OVP	X	89.802	2
56	OVP	Z	-51.847	2
57	OVP	Mx	0	2
58	MP3A	X	44.6	3
59	MP3A	Z	-25.75	3
60	MP3A	Mx	.022	3
61	MP3B	X	44.6	3
62	MP3B	Z	-25.75	3
63	MP3B	Mx	-.022	3
64	MP3C	X	59.36	3
65	MP3C	Z	-34.272	3
66	MP3C	Mx	0	3
67	MP2A	X	38.945	3
68	MP2A	Z	-22.485	3
69	MP2A	Mx	.019	3
70	MP2B	X	38.945	3
71	MP2B	Z	-22.485	3
72	MP2B	Mx	-.019	3
73	MP2C	X	59.36	3
74	MP2C	Z	-34.272	3
75	MP2C	Mx	0	3
76	MP3A	X	96.762	1.75
77	MP3A	Z	-55.866	1.75
78	MP3A	Mx	-.073	1.75
79	MP3A	X	96.762	5.75
80	MP3A	Z	-55.866	5.75
81	MP3A	Mx	-.073	5.75
82	MP3B	X	96.762	1.75
83	MP3B	Z	-55.866	1.75
84	MP3B	Mx	.073	1.75
85	MP3B	X	96.762	5.75
86	MP3B	Z	-55.866	5.75
87	MP3B	Mx	.073	5.75
88	MP3C	X	129.672	1.75
89	MP3C	Z	-74.866	1.75
90	MP3C	Mx	0	1.75
91	MP3C	X	129.672	5.75
92	MP3C	Z	-74.866	5.75
93	MP3C	Mx	0	5.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	134.483	1.75
2	MP2A	Z	0	1.75
3	MP2A	Mx	-.101	1.75
4	MP2A	X	134.483	5.75
5	MP2A	Z	0	5.75
6	MP2A	Mx	-.101	5.75
7	MP2B	X	161.715	1.75
8	MP2B	Z	0	1.75
9	MP2B	Mx	-.005	1.75
10	MP2B	X	161.715	5.75
11	MP2B	Z	0	5.75
12	MP2B	Mx	-.005	5.75
13	MP2C	X	161.715	1.75
14	MP2C	Z	0	1.75
15	MP2C	Mx	.161	1.75
16	MP2C	X	161.715	5.75
17	MP2C	Z	0	5.75
18	MP2C	Mx	.161	5.75
19	MP2A	X	134.483	1.75
20	MP2A	Z	0	1.75
21	MP2A	Mx	-.101	1.75
22	MP2A	X	134.483	5.75
23	MP2A	Z	0	5.75
24	MP2A	Mx	-.101	5.75
25	MP2B	X	161.715	1.75
26	MP2B	Z	0	1.75
27	MP2B	Mx	.161	1.75
28	MP2B	X	161.715	5.75
29	MP2B	Z	0	5.75
30	MP2B	Mx	.161	5.75
31	MP2C	X	161.715	1.75
32	MP2C	Z	0	1.75
33	MP2C	Mx	-.005	1.75
34	MP2C	X	161.715	5.75
35	MP2C	Z	0	5.75
36	MP2C	Mx	-.005	5.75
37	MP1A	X	33.723	2.75
38	MP1A	Z	0	2.75
39	MP1A	Mx	-.025	2.75
40	MP1A	X	33.723	4.75
41	MP1A	Z	0	4.75
42	MP1A	Mx	-.025	4.75
43	MP1B	X	64.481	2.75
44	MP1B	Z	0	2.75
45	MP1B	Mx	.031	2.75
46	MP1B	X	64.481	4.75
47	MP1B	Z	0	4.75
48	MP1B	Mx	.031	4.75
49	MP1C	X	64.481	2.75
50	MP1C	Z	0	2.75
51	MP1C	Mx	.031	2.75
52	MP1C	X	64.481	4.75
53	MP1C	Z	0	4.75
54	MP1C	Mx	.031	4.75
55	OVP	X	91.954	2
56	OVP	Z	0	2
57	OVP	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3A	X	45.818	3
59	MP3A	Z	0	3
60	MP3A	Mx	.023	3
61	MP3B	X	62.862	3
62	MP3B	Z	0	3
63	MP3B	Mx	-.016	3
64	MP3C	X	62.862	3
65	MP3C	Z	0	3
66	MP3C	Mx	-.016	3
67	MP2A	X	37.112	3
68	MP2A	Z	0	3
69	MP2A	Mx	.019	3
70	MP2B	X	60.686	3
71	MP2B	Z	0	3
72	MP2B	Mx	-.015	3
73	MP2C	X	60.686	3
74	MP2C	Z	0	3
75	MP2C	Mx	-.015	3
76	MP3A	X	99.065	1.75
77	MP3A	Z	0	1.75
78	MP3A	Mx	-.074	1.75
79	MP3A	X	99.065	5.75
80	MP3A	Z	0	5.75
81	MP3A	Mx	-.074	5.75
82	MP3B	X	137.065	1.75
83	MP3B	Z	0	1.75
84	MP3B	Mx	.051	1.75
85	MP3B	X	137.065	5.75
86	MP3B	Z	0	5.75
87	MP3B	Mx	.051	5.75
88	MP3C	X	137.065	1.75
89	MP3C	Z	0	1.75
90	MP3C	Mx	.051	1.75
91	MP3C	X	137.065	5.75
92	MP3C	Z	0	5.75
93	MP3C	Mx	.051	5.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	126.513	1.75
2	MP2A	Z	73.042	1.75
3	MP2A	Mx	-.046	1.75
4	MP2A	X	126.513	5.75
5	MP2A	Z	73.042	5.75
6	MP2A	Mx	-.046	5.75
7	MP2B	X	155.442	1.75
8	MP2B	Z	89.744	1.75
9	MP2B	Mx	-.094	1.75
10	MP2B	X	155.442	5.75
11	MP2B	Z	89.744	5.75
12	MP2B	Mx	-.094	5.75
13	MP2C	X	121.167	1.75
14	MP2C	Z	69.956	1.75
15	MP2C	Mx	.131	1.75
16	MP2C	X	121.167	5.75
17	MP2C	Z	69.956	5.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
18	MP2C	Mx	.131	5.75
19	MP2A	X	126.513	1.75
20	MP2A	Z	73.042	1.75
21	MP2A	Mx	-.144	1.75
22	MP2A	X	126.513	5.75
23	MP2A	Z	73.042	5.75
24	MP2A	Mx	-.144	5.75
25	MP2B	X	155.442	1.75
26	MP2B	Z	89.744	1.75
27	MP2B	Mx	.141	1.75
28	MP2B	X	155.442	5.75
29	MP2B	Z	89.744	5.75
30	MP2B	Mx	.141	5.75
31	MP2C	X	121.167	1.75
32	MP2C	Z	69.956	1.75
33	MP2C	Mx	.067	1.75
34	MP2C	X	121.167	5.75
35	MP2C	Z	69.956	5.75
36	MP2C	Mx	.067	5.75
37	MP1A	X	40.553	2.75
38	MP1A	Z	23.413	2.75
39	MP1A	Mx	-.03	2.75
40	MP1A	X	40.553	4.75
41	MP1A	Z	23.413	4.75
42	MP1A	Mx	-.03	4.75
43	MP1B	X	73.228	2.75
44	MP1B	Z	42.278	2.75
45	MP1B	Mx	.011	2.75
46	MP1B	X	73.228	4.75
47	MP1B	Z	42.278	4.75
48	MP1B	Mx	.011	4.75
49	MP1C	X	34.515	2.75
50	MP1C	Z	19.927	2.75
51	MP1C	Mx	.028	2.75
52	MP1C	X	34.515	4.75
53	MP1C	Z	19.927	4.75
54	MP1C	Mx	.028	4.75
55	OVP	X	89.802	2
56	OVP	Z	51.847	2
57	OVP	Mx	0	2
58	MP3A	X	44.6	3
59	MP3A	Z	25.75	3
60	MP3A	Mx	.022	3
61	MP3B	X	59.36	3
62	MP3B	Z	34.272	3
63	MP3B	Mx	0	3
64	MP3C	X	44.6	3
65	MP3C	Z	25.75	3
66	MP3C	Mx	-.022	3
67	MP2A	X	38.945	3
68	MP2A	Z	22.485	3
69	MP2A	Mx	.019	3
70	MP2B	X	59.36	3
71	MP2B	Z	34.272	3
72	MP2B	Mx	0	3
73	MP2C	X	38.945	3
74	MP2C	Z	22.485	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
75	MP2C	Mx	-.019	3
76	MP3A	X	96.762	1.75
77	MP3A	Z	55.866	1.75
78	MP3A	Mx	-.073	1.75
79	MP3A	X	96.762	5.75
80	MP3A	Z	55.866	5.75
81	MP3A	Mx	-.073	5.75
82	MP3B	X	129.672	1.75
83	MP3B	Z	74.866	1.75
84	MP3B	Mx	0	1.75
85	MP3B	X	129.672	5.75
86	MP3B	Z	74.866	5.75
87	MP3B	Mx	0	5.75
88	MP3C	X	96.762	1.75
89	MP3C	Z	55.866	1.75
90	MP3C	Mx	.073	1.75
91	MP3C	X	96.762	5.75
92	MP3C	Z	55.866	5.75
93	MP3C	Mx	.073	5.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	84.644	1.75
2	MP2A	Z	146.607	1.75
3	MP2A	Mx	.034	1.75
4	MP2A	X	84.644	5.75
5	MP2A	Z	146.607	5.75
6	MP2A	Mx	.034	5.75
7	MP2B	X	87.73	1.75
8	MP2B	Z	151.953	1.75
9	MP2B	Mx	-.155	1.75
10	MP2B	X	87.73	5.75
11	MP2B	Z	151.953	5.75
12	MP2B	Mx	-.155	5.75
13	MP2C	X	67.941	1.75
14	MP2C	Z	117.678	1.75
15	MP2C	Mx	.085	1.75
16	MP2C	X	67.941	5.75
17	MP2C	Z	117.678	5.75
18	MP2C	Mx	.085	5.75
19	MP2A	X	84.644	1.75
20	MP2A	Z	146.607	1.75
21	MP2A	Mx	-.161	1.75
22	MP2A	X	84.644	5.75
23	MP2A	Z	146.607	5.75
24	MP2A	Mx	-.161	5.75
25	MP2B	X	87.73	1.75
26	MP2B	Z	151.953	1.75
27	MP2B	Mx	.065	1.75
28	MP2B	X	87.73	5.75
29	MP2B	Z	151.953	5.75
30	MP2B	Mx	.065	5.75
31	MP2C	X	67.941	1.75
32	MP2C	Z	117.678	1.75
33	MP2C	Mx	.116	1.75
34	MP2C	X	67.941	5.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
35	MP2C	Z	117.678	5.75
36	MP2C	Mx	.116	5.75
37	MP1A	X	36.517	2.75
38	MP1A	Z	63.249	2.75
39	MP1A	Mx	-.027	2.75
40	MP1A	X	36.517	4.75
41	MP1A	Z	63.249	4.75
42	MP1A	Mx	-.027	4.75
43	MP1B	X	40.003	2.75
44	MP1B	Z	69.287	2.75
45	MP1B	Mx	-.021	2.75
46	MP1B	X	40.003	4.75
47	MP1B	Z	69.287	4.75
48	MP1B	Mx	-.021	4.75
49	MP1C	X	17.652	2.75
50	MP1C	Z	30.573	2.75
51	MP1C	Mx	.026	2.75
52	MP1C	X	17.652	4.75
53	MP1C	Z	30.573	4.75
54	MP1C	Mx	.026	4.75
55	OVP	X	63.589	2
56	OVP	Z	110.139	2
57	OVP	Mx	0	2
58	MP3A	X	31.431	3
59	MP3A	Z	54.44	3
60	MP3A	Mx	.016	3
61	MP3B	X	31.431	3
62	MP3B	Z	54.44	3
63	MP3B	Mx	.016	3
64	MP3C	X	22.909	3
65	MP3C	Z	39.679	3
66	MP3C	Mx	-.023	3
67	MP2A	X	30.343	3
68	MP2A	Z	52.555	3
69	MP2A	Mx	.015	3
70	MP2B	X	30.343	3
71	MP2B	Z	52.555	3
72	MP2B	Mx	.015	3
73	MP2C	X	18.556	3
74	MP2C	Z	32.14	3
75	MP2C	Mx	-.019	3
76	MP3A	X	68.533	1.75
77	MP3A	Z	118.702	1.75
78	MP3A	Mx	-.051	1.75
79	MP3A	X	68.533	5.75
80	MP3A	Z	118.702	5.75
81	MP3A	Mx	-.051	5.75
82	MP3B	X	68.533	1.75
83	MP3B	Z	118.702	1.75
84	MP3B	Mx	-.051	1.75
85	MP3B	X	68.533	5.75
86	MP3B	Z	118.702	5.75
87	MP3B	Mx	-.051	5.75
88	MP3C	X	49.532	1.75
89	MP3C	Z	85.793	1.75
90	MP3C	Mx	.074	1.75
91	MP3C	X	49.532	5.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
92	MP3C	Z	85.793	5.75
93	MP3C	Mx	.074	5.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	1.75
2	MP2A	Z	180.888	1.75
3	MP2A	Mx	.121	1.75
4	MP2A	X	0	5.75
5	MP2A	Z	180.888	5.75
6	MP2A	Mx	.121	5.75
7	MP2B	X	0	1.75
8	MP2B	Z	153.657	1.75
9	MP2B	Mx	-.154	1.75
10	MP2B	X	0	5.75
11	MP2B	Z	153.657	5.75
12	MP2B	Mx	-.154	5.75
13	MP2C	X	0	1.75
14	MP2C	Z	153.657	1.75
15	MP2C	Mx	.022	1.75
16	MP2C	X	0	5.75
17	MP2C	Z	153.657	5.75
18	MP2C	Mx	.022	5.75
19	MP2A	X	0	1.75
20	MP2A	Z	180.888	1.75
21	MP2A	Mx	-.121	1.75
22	MP2A	X	0	5.75
23	MP2A	Z	180.888	5.75
24	MP2A	Mx	-.121	5.75
25	MP2B	X	0	1.75
26	MP2B	Z	153.657	1.75
27	MP2B	Mx	-.022	1.75
28	MP2B	X	0	5.75
29	MP2B	Z	153.657	5.75
30	MP2B	Mx	-.022	5.75
31	MP2C	X	0	1.75
32	MP2C	Z	153.657	1.75
33	MP2C	Mx	.154	1.75
34	MP2C	X	0	5.75
35	MP2C	Z	153.657	5.75
36	MP2C	Mx	.154	5.75
37	MP1A	X	0	2.75
38	MP1A	Z	86.137	2.75
39	MP1A	Mx	0	2.75
40	MP1A	X	0	4.75
41	MP1A	Z	86.137	4.75
42	MP1A	Mx	0	4.75
43	MP1B	X	0	2.75
44	MP1B	Z	55.379	2.75
45	MP1B	Mx	-.032	2.75
46	MP1B	X	0	4.75
47	MP1B	Z	55.379	4.75
48	MP1B	Mx	-.032	4.75
49	MP1C	X	0	2.75
50	MP1C	Z	55.379	2.75
51	MP1C	Mx	.032	2.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
52	MP1C	X	0	4.75
53	MP1C	Z	55.379	4.75
54	MP1C	Mx	.032	4.75
55	OVP	X	0	2
56	OVP	Z	138.919	2
57	OVP	Mx	0	2
58	MP3A	X	0	3
59	MP3A	Z	68.543	3
60	MP3A	Mx	0	3
61	MP3B	X	0	3
62	MP3B	Z	51.499	3
63	MP3B	Mx	.022	3
64	MP3C	X	0	3
65	MP3C	Z	51.499	3
66	MP3C	Mx	-.022	3
67	MP2A	X	0	3
68	MP2A	Z	68.543	3
69	MP2A	Mx	0	3
70	MP2B	X	0	3
71	MP2B	Z	44.97	3
72	MP2B	Mx	.019	3
73	MP2C	X	0	3
74	MP2C	Z	44.97	3
75	MP2C	Mx	-.019	3
76	MP3A	X	0	1.75
77	MP3A	Z	149.732	1.75
78	MP3A	Mx	0	1.75
79	MP3A	X	0	5.75
80	MP3A	Z	149.732	5.75
81	MP3A	Mx	0	5.75
82	MP3B	X	0	1.75
83	MP3B	Z	111.732	1.75
84	MP3B	Mx	-.073	1.75
85	MP3B	X	0	5.75
86	MP3B	Z	111.732	5.75
87	MP3B	Mx	-.073	5.75
88	MP3C	X	0	1.75
89	MP3C	Z	111.732	1.75
90	MP3C	Mx	.073	1.75
91	MP3C	X	0	5.75
92	MP3C	Z	111.732	5.75
93	MP3C	Mx	.073	5.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-84.644	1.75
2	MP2A	Z	146.607	1.75
3	MP2A	Mx	.161	1.75
4	MP2A	X	-84.644	5.75
5	MP2A	Z	146.607	5.75
6	MP2A	Mx	.161	5.75
7	MP2B	X	-67.941	1.75
8	MP2B	Z	117.678	1.75
9	MP2B	Mx	-.116	1.75
10	MP2B	X	-67.941	5.75
11	MP2B	Z	117.678	5.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
12	MP2B	Mx	-.116	5.75
13	MP2C	X	-87.73	1.75
14	MP2C	Z	151.953	1.75
15	MP2C	Mx	-.065	1.75
16	MP2C	X	-87.73	5.75
17	MP2C	Z	151.953	5.75
18	MP2C	Mx	-.065	5.75
19	MP2A	X	-84.644	1.75
20	MP2A	Z	146.607	1.75
21	MP2A	Mx	-.034	1.75
22	MP2A	X	-84.644	5.75
23	MP2A	Z	146.607	5.75
24	MP2A	Mx	-.034	5.75
25	MP2B	X	-67.941	1.75
26	MP2B	Z	117.678	1.75
27	MP2B	Mx	-.085	1.75
28	MP2B	X	-67.941	5.75
29	MP2B	Z	117.678	5.75
30	MP2B	Mx	-.085	5.75
31	MP2C	X	-87.73	1.75
32	MP2C	Z	151.953	1.75
33	MP2C	Mx	.155	1.75
34	MP2C	X	-87.73	5.75
35	MP2C	Z	151.953	5.75
36	MP2C	Mx	.155	5.75
37	MP1A	X	-36.517	2.75
38	MP1A	Z	63.249	2.75
39	MP1A	Mx	.027	2.75
40	MP1A	X	-36.517	4.75
41	MP1A	Z	63.249	4.75
42	MP1A	Mx	.027	4.75
43	MP1B	X	-17.652	2.75
44	MP1B	Z	30.573	2.75
45	MP1B	Mx	-.026	2.75
46	MP1B	X	-17.652	4.75
47	MP1B	Z	30.573	4.75
48	MP1B	Mx	-.026	4.75
49	MP1C	X	-40.003	2.75
50	MP1C	Z	69.287	2.75
51	MP1C	Mx	.021	2.75
52	MP1C	X	-40.003	4.75
53	MP1C	Z	69.287	4.75
54	MP1C	Mx	.021	4.75
55	OVP	X	-63.589	2
56	OVP	Z	110.139	2
57	OVP	Mx	0	2
58	MP3A	X	-31.431	3
59	MP3A	Z	54.44	3
60	MP3A	Mx	-.016	3
61	MP3B	X	-22.909	3
62	MP3B	Z	39.679	3
63	MP3B	Mx	.023	3
64	MP3C	X	-31.431	3
65	MP3C	Z	54.44	3
66	MP3C	Mx	-.016	3
67	MP2A	X	-30.343	3
68	MP2A	Z	52.555	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
69	MP2A	Mx	-.015	3
70	MP2B	X	-18.556	3
71	MP2B	Z	32.14	3
72	MP2B	Mx	.019	3
73	MP2C	X	-30.343	3
74	MP2C	Z	52.555	3
75	MP2C	Mx	-.015	3
76	MP3A	X	-68.533	1.75
77	MP3A	Z	118.702	1.75
78	MP3A	Mx	.051	1.75
79	MP3A	X	-68.533	5.75
80	MP3A	Z	118.702	5.75
81	MP3A	Mx	.051	5.75
82	MP3B	X	-49.532	1.75
83	MP3B	Z	85.793	1.75
84	MP3B	Mx	-.074	1.75
85	MP3B	X	-49.532	5.75
86	MP3B	Z	85.793	5.75
87	MP3B	Mx	-.074	5.75
88	MP3C	X	-68.533	1.75
89	MP3C	Z	118.702	1.75
90	MP3C	Mx	.051	1.75
91	MP3C	X	-68.533	5.75
92	MP3C	Z	118.702	5.75
93	MP3C	Mx	.051	5.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-126.513	1.75
2	MP2A	Z	73.042	1.75
3	MP2A	Mx	.144	1.75
4	MP2A	X	-126.513	5.75
5	MP2A	Z	73.042	5.75
6	MP2A	Mx	.144	5.75
7	MP2B	X	-121.167	1.75
8	MP2B	Z	69.956	1.75
9	MP2B	Mx	-.067	1.75
10	MP2B	X	-121.167	5.75
11	MP2B	Z	69.956	5.75
12	MP2B	Mx	-.067	5.75
13	MP2C	X	-155.442	1.75
14	MP2C	Z	89.744	1.75
15	MP2C	Mx	-.141	1.75
16	MP2C	X	-155.442	5.75
17	MP2C	Z	89.744	5.75
18	MP2C	Mx	-.141	5.75
19	MP2A	X	-126.513	1.75
20	MP2A	Z	73.042	1.75
21	MP2A	Mx	.046	1.75
22	MP2A	X	-126.513	5.75
23	MP2A	Z	73.042	5.75
24	MP2A	Mx	.046	5.75
25	MP2B	X	-121.167	1.75
26	MP2B	Z	69.956	1.75
27	MP2B	Mx	-.131	1.75
28	MP2B	X	-121.167	5.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
29	MP2B	Z	69.956	5.75
30	MP2B	Mx	-.131	5.75
31	MP2C	X	-155.442	1.75
32	MP2C	Z	89.744	1.75
33	MP2C	Mx	.094	1.75
34	MP2C	X	-155.442	5.75
35	MP2C	Z	89.744	5.75
36	MP2C	Mx	.094	5.75
37	MP1A	X	-40.553	2.75
38	MP1A	Z	23.413	2.75
39	MP1A	Mx	.03	2.75
40	MP1A	X	-40.553	4.75
41	MP1A	Z	23.413	4.75
42	MP1A	Mx	.03	4.75
43	MP1B	X	-34.515	2.75
44	MP1B	Z	19.927	2.75
45	MP1B	Mx	-.028	2.75
46	MP1B	X	-34.515	4.75
47	MP1B	Z	19.927	4.75
48	MP1B	Mx	-.028	4.75
49	MP1C	X	-73.228	2.75
50	MP1C	Z	42.278	2.75
51	MP1C	Mx	-.011	2.75
52	MP1C	X	-73.228	4.75
53	MP1C	Z	42.278	4.75
54	MP1C	Mx	-.011	4.75
55	OVP	X	-89.802	2
56	OVP	Z	51.847	2
57	OVP	Mx	0	2
58	MP3A	X	-44.6	3
59	MP3A	Z	25.75	3
60	MP3A	Mx	-.022	3
61	MP3B	X	-44.6	3
62	MP3B	Z	25.75	3
63	MP3B	Mx	.022	3
64	MP3C	X	-59.36	3
65	MP3C	Z	34.272	3
66	MP3C	Mx	0	3
67	MP2A	X	-38.945	3
68	MP2A	Z	22.485	3
69	MP2A	Mx	-.019	3
70	MP2B	X	-38.945	3
71	MP2B	Z	22.485	3
72	MP2B	Mx	.019	3
73	MP2C	X	-59.36	3
74	MP2C	Z	34.272	3
75	MP2C	Mx	0	3
76	MP3A	X	-96.762	1.75
77	MP3A	Z	55.866	1.75
78	MP3A	Mx	.073	1.75
79	MP3A	X	-96.762	5.75
80	MP3A	Z	55.866	5.75
81	MP3A	Mx	.073	5.75
82	MP3B	X	-96.762	1.75
83	MP3B	Z	55.866	1.75
84	MP3B	Mx	-.073	1.75
85	MP3B	X	-96.762	5.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
86	MP3B	Z	55.866	5.75
87	MP3B	Mx	-.073	5.75
88	MP3C	X	-129.672	1.75
89	MP3C	Z	74.866	1.75
90	MP3C	Mx	0	1.75
91	MP3C	X	-129.672	5.75
92	MP3C	Z	74.866	5.75
93	MP3C	Mx	0	5.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-134.483	1.75
2	MP2A	Z	0	1.75
3	MP2A	Mx	.101	1.75
4	MP2A	X	-134.483	5.75
5	MP2A	Z	0	5.75
6	MP2A	Mx	.101	5.75
7	MP2B	X	-161.715	1.75
8	MP2B	Z	0	1.75
9	MP2B	Mx	.005	1.75
10	MP2B	X	-161.715	5.75
11	MP2B	Z	0	5.75
12	MP2B	Mx	.005	5.75
13	MP2C	X	-161.715	1.75
14	MP2C	Z	0	1.75
15	MP2C	Mx	-.161	1.75
16	MP2C	X	-161.715	5.75
17	MP2C	Z	0	5.75
18	MP2C	Mx	-.161	5.75
19	MP2A	X	-134.483	1.75
20	MP2A	Z	0	1.75
21	MP2A	Mx	.101	1.75
22	MP2A	X	-134.483	5.75
23	MP2A	Z	0	5.75
24	MP2A	Mx	.101	5.75
25	MP2B	X	-161.715	1.75
26	MP2B	Z	0	1.75
27	MP2B	Mx	-.161	1.75
28	MP2B	X	-161.715	5.75
29	MP2B	Z	0	5.75
30	MP2B	Mx	-.161	5.75
31	MP2C	X	-161.715	1.75
32	MP2C	Z	0	1.75
33	MP2C	Mx	.005	1.75
34	MP2C	X	-161.715	5.75
35	MP2C	Z	0	5.75
36	MP2C	Mx	.005	5.75
37	MP1A	X	-33.723	2.75
38	MP1A	Z	0	2.75
39	MP1A	Mx	.025	2.75
40	MP1A	X	-33.723	4.75
41	MP1A	Z	0	4.75
42	MP1A	Mx	.025	4.75
43	MP1B	X	-64.481	2.75
44	MP1B	Z	0	2.75
45	MP1B	Mx	-.031	2.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
46	MP1B	X	-64.481	4.75
47	MP1B	Z	0	4.75
48	MP1B	Mx	-.031	4.75
49	MP1C	X	-64.481	2.75
50	MP1C	Z	0	2.75
51	MP1C	Mx	-.031	2.75
52	MP1C	X	-64.481	4.75
53	MP1C	Z	0	4.75
54	MP1C	Mx	-.031	4.75
55	OVP	X	-91.954	2
56	OVP	Z	0	2
57	OVP	Mx	0	2
58	MP3A	X	-45.818	3
59	MP3A	Z	0	3
60	MP3A	Mx	-.023	3
61	MP3B	X	-62.862	3
62	MP3B	Z	0	3
63	MP3B	Mx	.016	3
64	MP3C	X	-62.862	3
65	MP3C	Z	0	3
66	MP3C	Mx	.016	3
67	MP2A	X	-37.112	3
68	MP2A	Z	0	3
69	MP2A	Mx	-.019	3
70	MP2B	X	-60.686	3
71	MP2B	Z	0	3
72	MP2B	Mx	.015	3
73	MP2C	X	-60.686	3
74	MP2C	Z	0	3
75	MP2C	Mx	.015	3
76	MP3A	X	-99.065	1.75
77	MP3A	Z	0	1.75
78	MP3A	Mx	.074	1.75
79	MP3A	X	-99.065	5.75
80	MP3A	Z	0	5.75
81	MP3A	Mx	.074	5.75
82	MP3B	X	-137.065	1.75
83	MP3B	Z	0	1.75
84	MP3B	Mx	-.051	1.75
85	MP3B	X	-137.065	5.75
86	MP3B	Z	0	5.75
87	MP3B	Mx	-.051	5.75
88	MP3C	X	-137.065	1.75
89	MP3C	Z	0	1.75
90	MP3C	Mx	-.051	1.75
91	MP3C	X	-137.065	5.75
92	MP3C	Z	0	5.75
93	MP3C	Mx	-.051	5.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-126.513	1.75
2	MP2A	Z	-73.042	1.75
3	MP2A	Mx	.046	1.75
4	MP2A	X	-126.513	5.75
5	MP2A	Z	-73.042	5.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
6	MP2A	Mx	.046	5.75
7	MP2B	X	-155.442	1.75
8	MP2B	Z	-89.744	1.75
9	MP2B	Mx	.094	1.75
10	MP2B	X	-155.442	5.75
11	MP2B	Z	-89.744	5.75
12	MP2B	Mx	.094	5.75
13	MP2C	X	-121.167	1.75
14	MP2C	Z	-69.956	1.75
15	MP2C	Mx	-.131	1.75
16	MP2C	X	-121.167	5.75
17	MP2C	Z	-69.956	5.75
18	MP2C	Mx	-.131	5.75
19	MP2A	X	-126.513	1.75
20	MP2A	Z	-73.042	1.75
21	MP2A	Mx	.144	1.75
22	MP2A	X	-126.513	5.75
23	MP2A	Z	-73.042	5.75
24	MP2A	Mx	.144	5.75
25	MP2B	X	-155.442	1.75
26	MP2B	Z	-89.744	1.75
27	MP2B	Mx	-.141	1.75
28	MP2B	X	-155.442	5.75
29	MP2B	Z	-89.744	5.75
30	MP2B	Mx	-.141	5.75
31	MP2C	X	-121.167	1.75
32	MP2C	Z	-69.956	1.75
33	MP2C	Mx	-.067	1.75
34	MP2C	X	-121.167	5.75
35	MP2C	Z	-69.956	5.75
36	MP2C	Mx	-.067	5.75
37	MP1A	X	-40.553	2.75
38	MP1A	Z	-23.413	2.75
39	MP1A	Mx	.03	2.75
40	MP1A	X	-40.553	4.75
41	MP1A	Z	-23.413	4.75
42	MP1A	Mx	.03	4.75
43	MP1B	X	-73.228	2.75
44	MP1B	Z	-42.278	2.75
45	MP1B	Mx	-.011	2.75
46	MP1B	X	-73.228	4.75
47	MP1B	Z	-42.278	4.75
48	MP1B	Mx	-.011	4.75
49	MP1C	X	-34.515	2.75
50	MP1C	Z	-19.927	2.75
51	MP1C	Mx	-.028	2.75
52	MP1C	X	-34.515	4.75
53	MP1C	Z	-19.927	4.75
54	MP1C	Mx	-.028	4.75
55	OVP	X	-89.802	2
56	OVP	Z	-51.847	2
57	OVP	Mx	0	2
58	MP3A	X	-44.6	3
59	MP3A	Z	-25.75	3
60	MP3A	Mx	-.022	3
61	MP3B	X	-59.36	3
62	MP3B	Z	-34.272	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
63	MP3B	Mx	0	3
64	MP3C	X	-44.6	3
65	MP3C	Z	-25.75	3
66	MP3C	Mx	.022	3
67	MP2A	X	-38.945	3
68	MP2A	Z	-22.485	3
69	MP2A	Mx	-.019	3
70	MP2B	X	-59.36	3
71	MP2B	Z	-34.272	3
72	MP2B	Mx	0	3
73	MP2C	X	-38.945	3
74	MP2C	Z	-22.485	3
75	MP2C	Mx	.019	3
76	MP3A	X	-96.762	1.75
77	MP3A	Z	-55.866	1.75
78	MP3A	Mx	.073	1.75
79	MP3A	X	-96.762	5.75
80	MP3A	Z	-55.866	5.75
81	MP3A	Mx	.073	5.75
82	MP3B	X	-129.672	1.75
83	MP3B	Z	-74.866	1.75
84	MP3B	Mx	0	1.75
85	MP3B	X	-129.672	5.75
86	MP3B	Z	-74.866	5.75
87	MP3B	Mx	0	5.75
88	MP3C	X	-96.762	1.75
89	MP3C	Z	-55.866	1.75
90	MP3C	Mx	-.073	1.75
91	MP3C	X	-96.762	5.75
92	MP3C	Z	-55.866	5.75
93	MP3C	Mx	-.073	5.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-84.644	1.75
2	MP2A	Z	-146.607	1.75
3	MP2A	Mx	-.034	1.75
4	MP2A	X	-84.644	5.75
5	MP2A	Z	-146.607	5.75
6	MP2A	Mx	-.034	5.75
7	MP2B	X	-87.73	1.75
8	MP2B	Z	-151.953	1.75
9	MP2B	Mx	.155	1.75
10	MP2B	X	-87.73	5.75
11	MP2B	Z	-151.953	5.75
12	MP2B	Mx	.155	5.75
13	MP2C	X	-67.941	1.75
14	MP2C	Z	-117.678	1.75
15	MP2C	Mx	-.085	1.75
16	MP2C	X	-67.941	5.75
17	MP2C	Z	-117.678	5.75
18	MP2C	Mx	-.085	5.75
19	MP2A	X	-84.644	1.75
20	MP2A	Z	-146.607	1.75
21	MP2A	Mx	.161	1.75
22	MP2A	X	-84.644	5.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
23	MP2A	Z	-146.607	5.75
24	MP2A	Mx	.161	5.75
25	MP2B	X	-87.73	1.75
26	MP2B	Z	-151.953	1.75
27	MP2B	Mx	-.065	1.75
28	MP2B	X	-87.73	5.75
29	MP2B	Z	-151.953	5.75
30	MP2B	Mx	-.065	5.75
31	MP2C	X	-67.941	1.75
32	MP2C	Z	-117.678	1.75
33	MP2C	Mx	-.116	1.75
34	MP2C	X	-67.941	5.75
35	MP2C	Z	-117.678	5.75
36	MP2C	Mx	-.116	5.75
37	MP1A	X	-36.517	2.75
38	MP1A	Z	-63.249	2.75
39	MP1A	Mx	.027	2.75
40	MP1A	X	-36.517	4.75
41	MP1A	Z	-63.249	4.75
42	MP1A	Mx	.027	4.75
43	MP1B	X	-40.003	2.75
44	MP1B	Z	-69.287	2.75
45	MP1B	Mx	.021	2.75
46	MP1B	X	-40.003	4.75
47	MP1B	Z	-69.287	4.75
48	MP1B	Mx	.021	4.75
49	MP1C	X	-17.652	2.75
50	MP1C	Z	-30.573	2.75
51	MP1C	Mx	-.026	2.75
52	MP1C	X	-17.652	4.75
53	MP1C	Z	-30.573	4.75
54	MP1C	Mx	-.026	4.75
55	OVP	X	-63.589	2
56	OVP	Z	-110.139	2
57	OVP	Mx	0	2
58	MP3A	X	-31.431	3
59	MP3A	Z	-54.44	3
60	MP3A	Mx	-.016	3
61	MP3B	X	-31.431	3
62	MP3B	Z	-54.44	3
63	MP3B	Mx	-.016	3
64	MP3C	X	-22.909	3
65	MP3C	Z	-39.679	3
66	MP3C	Mx	.023	3
67	MP2A	X	-30.343	3
68	MP2A	Z	-52.555	3
69	MP2A	Mx	-.015	3
70	MP2B	X	-30.343	3
71	MP2B	Z	-52.555	3
72	MP2B	Mx	-.015	3
73	MP2C	X	-18.556	3
74	MP2C	Z	-32.14	3
75	MP2C	Mx	.019	3
76	MP3A	X	-68.533	1.75
77	MP3A	Z	-118.702	1.75
78	MP3A	Mx	.051	1.75
79	MP3A	X	-68.533	5.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
80	MP3A	Z	-118.702	5.75
81	MP3A	Mx	.051	5.75
82	MP3B	X	-68.533	1.75
83	MP3B	Z	-118.702	1.75
84	MP3B	Mx	.051	1.75
85	MP3B	X	-68.533	5.75
86	MP3B	Z	-118.702	5.75
87	MP3B	Mx	.051	5.75
88	MP3C	X	-49.532	1.75
89	MP3C	Z	-85.793	1.75
90	MP3C	Mx	-.074	1.75
91	MP3C	X	-49.532	5.75
92	MP3C	Z	-85.793	5.75
93	MP3C	Mx	-.074	5.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	1.75
2	MP2A	Z	-34.347	1.75
3	MP2A	Mx	-.023	1.75
4	MP2A	X	0	5.75
5	MP2A	Z	-34.347	5.75
6	MP2A	Mx	-.023	5.75
7	MP2B	X	0	1.75
8	MP2B	Z	-29.449	1.75
9	MP2B	Mx	.03	1.75
10	MP2B	X	0	5.75
11	MP2B	Z	-29.449	5.75
12	MP2B	Mx	.03	5.75
13	MP2C	X	0	1.75
14	MP2C	Z	-29.449	1.75
15	MP2C	Mx	-.004	1.75
16	MP2C	X	0	5.75
17	MP2C	Z	-29.449	5.75
18	MP2C	Mx	-.004	5.75
19	MP2A	X	0	1.75
20	MP2A	Z	-34.347	1.75
21	MP2A	Mx	.023	1.75
22	MP2A	X	0	5.75
23	MP2A	Z	-34.347	5.75
24	MP2A	Mx	.023	5.75
25	MP2B	X	0	1.75
26	MP2B	Z	-29.449	1.75
27	MP2B	Mx	.004	1.75
28	MP2B	X	0	5.75
29	MP2B	Z	-29.449	5.75
30	MP2B	Mx	.004	5.75
31	MP2C	X	0	1.75
32	MP2C	Z	-29.449	1.75
33	MP2C	Mx	-.03	1.75
34	MP2C	X	0	5.75
35	MP2C	Z	-29.449	5.75
36	MP2C	Mx	-.03	5.75
37	MP1A	X	0	2.75
38	MP1A	Z	-16.963	2.75
39	MP1A	Mx	0	2.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
40	MP1A	X	0	4.75
41	MP1A	Z	-16.963	4.75
42	MP1A	Mx	0	4.75
43	MP1B	X	0	2.75
44	MP1B	Z	-11.262	2.75
45	MP1B	Mx	.006	2.75
46	MP1B	X	0	4.75
47	MP1B	Z	-11.262	4.75
48	MP1B	Mx	.006	4.75
49	MP1C	X	0	2.75
50	MP1C	Z	-11.262	2.75
51	MP1C	Mx	-.006	2.75
52	MP1C	X	0	4.75
53	MP1C	Z	-11.262	4.75
54	MP1C	Mx	-.006	4.75
55	OVP	X	0	2
56	OVP	Z	-27.532	2
57	OVP	Mx	0	2
58	MP3A	X	0	3
59	MP3A	Z	-14.324	3
60	MP3A	Mx	0	3
61	MP3B	X	0	3
62	MP3B	Z	-11.064	3
63	MP3B	Mx	-.005	3
64	MP3C	X	0	3
65	MP3C	Z	-11.064	3
66	MP3C	Mx	.005	3
67	MP2A	X	0	3
68	MP2A	Z	-14.324	3
69	MP2A	Mx	0	3
70	MP2B	X	0	3
71	MP2B	Z	-9.826	3
72	MP2B	Mx	-.004	3
73	MP2C	X	0	3
74	MP2C	Z	-9.826	3
75	MP2C	Mx	.004	3
76	MP3A	X	0	1.75
77	MP3A	Z	-28.774	1.75
78	MP3A	Mx	0	1.75
79	MP3A	X	0	5.75
80	MP3A	Z	-28.774	5.75
81	MP3A	Mx	0	5.75
82	MP3B	X	0	1.75
83	MP3B	Z	-22.098	1.75
84	MP3B	Mx	.014	1.75
85	MP3B	X	0	5.75
86	MP3B	Z	-22.098	5.75
87	MP3B	Mx	.014	5.75
88	MP3C	X	0	1.75
89	MP3C	Z	-22.098	1.75
90	MP3C	Mx	-.014	1.75
91	MP3C	X	0	5.75
92	MP3C	Z	-22.098	5.75
93	MP3C	Mx	-.014	5.75

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

Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	16.13	1.75
2	MP2A	Z	-27.938	1.75
3	MP2A	Mx	-.031	1.75
4	MP2A	X	16.13	5.75
5	MP2A	Z	-27.938	5.75
6	MP2A	Mx	-.031	5.75
7	MP2B	X	13.126	1.75
8	MP2B	Z	-22.735	1.75
9	MP2B	Mx	.022	1.75
10	MP2B	X	13.126	5.75
11	MP2B	Z	-22.735	5.75
12	MP2B	Mx	.022	5.75
13	MP2C	X	16.685	1.75
14	MP2C	Z	-28.9	1.75
15	MP2C	Mx	.012	1.75
16	MP2C	X	16.685	5.75
17	MP2C	Z	-28.9	5.75
18	MP2C	Mx	.012	5.75
19	MP2A	X	16.13	1.75
20	MP2A	Z	-27.938	1.75
21	MP2A	Mx	.007	1.75
22	MP2A	X	16.13	5.75
23	MP2A	Z	-27.938	5.75
24	MP2A	Mx	.007	5.75
25	MP2B	X	13.126	1.75
26	MP2B	Z	-22.735	1.75
27	MP2B	Mx	.016	1.75
28	MP2B	X	13.126	5.75
29	MP2B	Z	-22.735	5.75
30	MP2B	Mx	.016	5.75
31	MP2C	X	16.685	1.75
32	MP2C	Z	-28.9	1.75
33	MP2C	Mx	-.029	1.75
34	MP2C	X	16.685	5.75
35	MP2C	Z	-28.9	5.75
36	MP2C	Mx	-.029	5.75
37	MP1A	X	7.267	2.75
38	MP1A	Z	-12.587	2.75
39	MP1A	Mx	-.005	2.75
40	MP1A	X	7.267	4.75
41	MP1A	Z	-12.587	4.75
42	MP1A	Mx	-.005	4.75
43	MP1B	X	3.77	2.75
44	MP1B	Z	-6.53	2.75
45	MP1B	Mx	.006	2.75
46	MP1B	X	3.77	4.75
47	MP1B	Z	-6.53	4.75
48	MP1B	Mx	.006	4.75
49	MP1C	X	7.913	2.75
50	MP1C	Z	-13.706	2.75
51	MP1C	Mx	-.004	2.75
52	MP1C	X	7.913	4.75
53	MP1C	Z	-13.706	4.75
54	MP1C	Mx	-.004	4.75
55	OVP	X	12.682	2
56	OVP	Z	-21.966	2
57	OVP	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3A	X	6.619	3
59	MP3A	Z	-11.464	3
60	MP3A	Mx	.003	3
61	MP3B	X	4.989	3
62	MP3B	Z	-8.641	3
63	MP3B	Mx	-.005	3
64	MP3C	X	6.619	3
65	MP3C	Z	-11.464	3
66	MP3C	Mx	.003	3
67	MP2A	X	6.412	3
68	MP2A	Z	-11.107	3
69	MP2A	Mx	.003	3
70	MP2B	X	4.163	3
71	MP2B	Z	-7.211	3
72	MP2B	Mx	-.004	3
73	MP2C	X	6.412	3
74	MP2C	Z	-11.107	3
75	MP2C	Mx	.003	3
76	MP3A	X	13.274	1.75
77	MP3A	Z	-22.992	1.75
78	MP3A	Mx	-.01	1.75
79	MP3A	X	13.274	5.75
80	MP3A	Z	-22.992	5.75
81	MP3A	Mx	-.01	5.75
82	MP3B	X	9.936	1.75
83	MP3B	Z	-17.21	1.75
84	MP3B	Mx	.015	1.75
85	MP3B	X	9.936	5.75
86	MP3B	Z	-17.21	5.75
87	MP3B	Mx	.015	5.75
88	MP3C	X	13.274	1.75
89	MP3C	Z	-22.992	1.75
90	MP3C	Mx	-.01	1.75
91	MP3C	X	13.274	5.75
92	MP3C	Z	-22.992	5.75
93	MP3C	Mx	-.01	5.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	24.324	1.75
2	MP2A	Z	-14.044	1.75
3	MP2A	Mx	-.028	1.75
4	MP2A	X	24.324	5.75
5	MP2A	Z	-14.044	5.75
6	MP2A	Mx	-.028	5.75
7	MP2B	X	23.363	1.75
8	MP2B	Z	-13.488	1.75
9	MP2B	Mx	.013	1.75
10	MP2B	X	23.363	5.75
11	MP2B	Z	-13.488	5.75
12	MP2B	Mx	.013	5.75
13	MP2C	X	29.528	1.75
14	MP2C	Z	-17.048	1.75
15	MP2C	Mx	.027	1.75
16	MP2C	X	29.528	5.75
17	MP2C	Z	-17.048	5.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
18	MP2C	Mx	.027	5.75
19	MP2A	X	24.324	1.75
20	MP2A	Z	-14.044	1.75
21	MP2A	Mx	-.009	1.75
22	MP2A	X	24.324	5.75
23	MP2A	Z	-14.044	5.75
24	MP2A	Mx	-.009	5.75
25	MP2B	X	23.363	1.75
26	MP2B	Z	-13.488	1.75
27	MP2B	Mx	.025	1.75
28	MP2B	X	23.363	5.75
29	MP2B	Z	-13.488	5.75
30	MP2B	Mx	.025	5.75
31	MP2C	X	29.528	1.75
32	MP2C	Z	-17.048	1.75
33	MP2C	Mx	-.018	1.75
34	MP2C	X	29.528	5.75
35	MP2C	Z	-17.048	5.75
36	MP2C	Mx	-.018	5.75
37	MP1A	X	8.38	2.75
38	MP1A	Z	-4.838	2.75
39	MP1A	Mx	-.006	2.75
40	MP1A	X	8.38	4.75
41	MP1A	Z	-4.838	4.75
42	MP1A	Mx	-.006	4.75
43	MP1B	X	7.26	2.75
44	MP1B	Z	-4.192	2.75
45	MP1B	Mx	.006	2.75
46	MP1B	X	7.26	4.75
47	MP1B	Z	-4.192	4.75
48	MP1B	Mx	.006	4.75
49	MP1C	X	14.437	2.75
50	MP1C	Z	-8.335	2.75
51	MP1C	Mx	.002	2.75
52	MP1C	X	14.437	4.75
53	MP1C	Z	-8.335	4.75
54	MP1C	Mx	.002	4.75
55	OVP	X	18.209	2
56	OVP	Z	-10.513	2
57	OVP	Mx	0	2
58	MP3A	X	9.582	3
59	MP3A	Z	-5.532	3
60	MP3A	Mx	.005	3
61	MP3B	X	9.582	3
62	MP3B	Z	-5.532	3
63	MP3B	Mx	-.005	3
64	MP3C	X	12.405	3
65	MP3C	Z	-7.162	3
66	MP3C	Mx	0	3
67	MP2A	X	8.509	3
68	MP2A	Z	-4.913	3
69	MP2A	Mx	.004	3
70	MP2B	X	8.509	3
71	MP2B	Z	-4.913	3
72	MP2B	Mx	-.004	3
73	MP2C	X	12.405	3
74	MP2C	Z	-7.162	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
75	MP2C	Mx	0	3
76	MP3A	X	19.137	1.75
77	MP3A	Z	-11.049	1.75
78	MP3A	Mx	-.014	1.75
79	MP3A	X	19.137	5.75
80	MP3A	Z	-11.049	5.75
81	MP3A	Mx	-.014	5.75
82	MP3B	X	19.137	1.75
83	MP3B	Z	-11.049	1.75
84	MP3B	Mx	.014	1.75
85	MP3B	X	19.137	5.75
86	MP3B	Z	-11.049	5.75
87	MP3B	Mx	.014	5.75
88	MP3C	X	24.919	1.75
89	MP3C	Z	-14.387	1.75
90	MP3C	Mx	0	1.75
91	MP3C	X	24.919	5.75
92	MP3C	Z	-14.387	5.75
93	MP3C	Mx	0	5.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	26	1.75
2	MP2A	Z	0	1.75
3	MP2A	Mx	-.019	1.75
4	MP2A	X	26	5.75
5	MP2A	Z	0	5.75
6	MP2A	Mx	-.019	5.75
7	MP2B	X	30.899	1.75
8	MP2B	Z	0	1.75
9	MP2B	Mx	-.000884	1.75
10	MP2B	X	30.899	5.75
11	MP2B	Z	0	5.75
12	MP2B	Mx	-.000884	5.75
13	MP2C	X	30.899	1.75
14	MP2C	Z	0	1.75
15	MP2C	Mx	.031	1.75
16	MP2C	X	30.899	5.75
17	MP2C	Z	0	5.75
18	MP2C	Mx	.031	5.75
19	MP2A	X	26	1.75
20	MP2A	Z	0	1.75
21	MP2A	Mx	-.019	1.75
22	MP2A	X	26	5.75
23	MP2A	Z	0	5.75
24	MP2A	Mx	-.019	5.75
25	MP2B	X	30.899	1.75
26	MP2B	Z	0	1.75
27	MP2B	Mx	.031	1.75
28	MP2B	X	30.899	5.75
29	MP2B	Z	0	5.75
30	MP2B	Mx	.031	5.75
31	MP2C	X	30.899	1.75
32	MP2C	Z	0	1.75
33	MP2C	Mx	-.000884	1.75
34	MP2C	X	30.899	5.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
35	MP2C	Z	0	5.75
36	MP2C	Mx	-.000884	5.75
37	MP1A	X	7.247	2.75
38	MP1A	Z	0	2.75
39	MP1A	Mx	-.005	2.75
40	MP1A	X	7.247	4.75
41	MP1A	Z	0	4.75
42	MP1A	Mx	-.005	4.75
43	MP1B	X	12.949	2.75
44	MP1B	Z	0	2.75
45	MP1B	Mx	.006	2.75
46	MP1B	X	12.949	4.75
47	MP1B	Z	0	4.75
48	MP1B	Mx	.006	4.75
49	MP1C	X	12.949	2.75
50	MP1C	Z	0	2.75
51	MP1C	Mx	.006	2.75
52	MP1C	X	12.949	4.75
53	MP1C	Z	0	4.75
54	MP1C	Mx	.006	4.75
55	OVP	X	18.858	2
56	OVP	Z	0	2
57	OVP	Mx	0	2
58	MP3A	X	9.978	3
59	MP3A	Z	0	3
60	MP3A	Mx	.005	3
61	MP3B	X	13.238	3
62	MP3B	Z	0	3
63	MP3B	Mx	-.003	3
64	MP3C	X	13.238	3
65	MP3C	Z	0	3
66	MP3C	Mx	-.003	3
67	MP2A	X	8.326	3
68	MP2A	Z	0	3
69	MP2A	Mx	.004	3
70	MP2B	X	12.825	3
71	MP2B	Z	0	3
72	MP2B	Mx	-.003	3
73	MP2C	X	12.825	3
74	MP2C	Z	0	3
75	MP2C	Mx	-.003	3
76	MP3A	X	19.872	1.75
77	MP3A	Z	0	1.75
78	MP3A	Mx	-.015	1.75
79	MP3A	X	19.872	5.75
80	MP3A	Z	0	5.75
81	MP3A	Mx	-.015	5.75
82	MP3B	X	26.548	1.75
83	MP3B	Z	0	1.75
84	MP3B	Mx	.01	1.75
85	MP3B	X	26.548	5.75
86	MP3B	Z	0	5.75
87	MP3B	Mx	.01	5.75
88	MP3C	X	26.548	1.75
89	MP3C	Z	0	1.75
90	MP3C	Mx	.01	1.75
91	MP3C	X	26.548	5.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
92	MP3C	Z	0	5.75
93	MP3C	Mx	.01	5.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	24.324	1.75
2	MP2A	Z	14.044	1.75
3	MP2A	Mx	-.009	1.75
4	MP2A	X	24.324	5.75
5	MP2A	Z	14.044	5.75
6	MP2A	Mx	-.009	5.75
7	MP2B	X	29.528	1.75
8	MP2B	Z	17.048	1.75
9	MP2B	Mx	-.018	1.75
10	MP2B	X	29.528	5.75
11	MP2B	Z	17.048	5.75
12	MP2B	Mx	-.018	5.75
13	MP2C	X	23.363	1.75
14	MP2C	Z	13.488	1.75
15	MP2C	Mx	.025	1.75
16	MP2C	X	23.363	5.75
17	MP2C	Z	13.488	5.75
18	MP2C	Mx	.025	5.75
19	MP2A	X	24.324	1.75
20	MP2A	Z	14.044	1.75
21	MP2A	Mx	-.028	1.75
22	MP2A	X	24.324	5.75
23	MP2A	Z	14.044	5.75
24	MP2A	Mx	-.028	5.75
25	MP2B	X	29.528	1.75
26	MP2B	Z	17.048	1.75
27	MP2B	Mx	.027	1.75
28	MP2B	X	29.528	5.75
29	MP2B	Z	17.048	5.75
30	MP2B	Mx	.027	5.75
31	MP2C	X	23.363	1.75
32	MP2C	Z	13.488	1.75
33	MP2C	Mx	.013	1.75
34	MP2C	X	23.363	5.75
35	MP2C	Z	13.488	5.75
36	MP2C	Mx	.013	5.75
37	MP1A	X	8.38	2.75
38	MP1A	Z	4.838	2.75
39	MP1A	Mx	-.006	2.75
40	MP1A	X	8.38	4.75
41	MP1A	Z	4.838	4.75
42	MP1A	Mx	-.006	4.75
43	MP1B	X	14.437	2.75
44	MP1B	Z	8.335	2.75
45	MP1B	Mx	.002	2.75
46	MP1B	X	14.437	4.75
47	MP1B	Z	8.335	4.75
48	MP1B	Mx	.002	4.75
49	MP1C	X	7.26	2.75
50	MP1C	Z	4.192	2.75
51	MP1C	Mx	.006	2.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
52	MP1C	X	7.26	4.75
53	MP1C	Z	4.192	4.75
54	MP1C	Mx	.006	4.75
55	OVP	X	18.209	2
56	OVP	Z	10.513	2
57	OVP	Mx	0	2
58	MP3A	X	9.582	3
59	MP3A	Z	5.532	3
60	MP3A	Mx	.005	3
61	MP3B	X	12.405	3
62	MP3B	Z	7.162	3
63	MP3B	Mx	0	3
64	MP3C	X	9.582	3
65	MP3C	Z	5.532	3
66	MP3C	Mx	-.005	3
67	MP2A	X	8.509	3
68	MP2A	Z	4.913	3
69	MP2A	Mx	.004	3
70	MP2B	X	12.405	3
71	MP2B	Z	7.162	3
72	MP2B	Mx	0	3
73	MP2C	X	8.509	3
74	MP2C	Z	4.913	3
75	MP2C	Mx	-.004	3
76	MP3A	X	19.137	1.75
77	MP3A	Z	11.049	1.75
78	MP3A	Mx	-.014	1.75
79	MP3A	X	19.137	5.75
80	MP3A	Z	11.049	5.75
81	MP3A	Mx	-.014	5.75
82	MP3B	X	24.919	1.75
83	MP3B	Z	14.387	1.75
84	MP3B	Mx	0	1.75
85	MP3B	X	24.919	5.75
86	MP3B	Z	14.387	5.75
87	MP3B	Mx	0	5.75
88	MP3C	X	19.137	1.75
89	MP3C	Z	11.049	1.75
90	MP3C	Mx	.014	1.75
91	MP3C	X	19.137	5.75
92	MP3C	Z	11.049	5.75
93	MP3C	Mx	.014	5.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	16.13	1.75
2	MP2A	Z	27.938	1.75
3	MP2A	Mx	.007	1.75
4	MP2A	X	16.13	5.75
5	MP2A	Z	27.938	5.75
6	MP2A	Mx	.007	5.75
7	MP2B	X	16.685	1.75
8	MP2B	Z	28.9	1.75
9	MP2B	Mx	-.029	1.75
10	MP2B	X	16.685	5.75
11	MP2B	Z	28.9	5.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
12	MP2B	Mx	-.029	5.75
13	MP2C	X	13.126	1.75
14	MP2C	Z	22.735	1.75
15	MP2C	Mx	.016	1.75
16	MP2C	X	13.126	5.75
17	MP2C	Z	22.735	5.75
18	MP2C	Mx	.016	5.75
19	MP2A	X	16.13	1.75
20	MP2A	Z	27.938	1.75
21	MP2A	Mx	-.031	1.75
22	MP2A	X	16.13	5.75
23	MP2A	Z	27.938	5.75
24	MP2A	Mx	-.031	5.75
25	MP2B	X	16.685	1.75
26	MP2B	Z	28.9	1.75
27	MP2B	Mx	.012	1.75
28	MP2B	X	16.685	5.75
29	MP2B	Z	28.9	5.75
30	MP2B	Mx	.012	5.75
31	MP2C	X	13.126	1.75
32	MP2C	Z	22.735	1.75
33	MP2C	Mx	.022	1.75
34	MP2C	X	13.126	5.75
35	MP2C	Z	22.735	5.75
36	MP2C	Mx	.022	5.75
37	MP1A	X	7.267	2.75
38	MP1A	Z	12.587	2.75
39	MP1A	Mx	-.005	2.75
40	MP1A	X	7.267	4.75
41	MP1A	Z	12.587	4.75
42	MP1A	Mx	-.005	4.75
43	MP1B	X	7.913	2.75
44	MP1B	Z	13.706	2.75
45	MP1B	Mx	-.004	2.75
46	MP1B	X	7.913	4.75
47	MP1B	Z	13.706	4.75
48	MP1B	Mx	-.004	4.75
49	MP1C	X	3.77	2.75
50	MP1C	Z	6.53	2.75
51	MP1C	Mx	.006	2.75
52	MP1C	X	3.77	4.75
53	MP1C	Z	6.53	4.75
54	MP1C	Mx	.006	4.75
55	OVP	X	12.682	2
56	OVP	Z	21.966	2
57	OVP	Mx	0	2
58	MP3A	X	6.619	3
59	MP3A	Z	11.464	3
60	MP3A	Mx	.003	3
61	MP3B	X	6.619	3
62	MP3B	Z	11.464	3
63	MP3B	Mx	.003	3
64	MP3C	X	4.989	3
65	MP3C	Z	8.641	3
66	MP3C	Mx	-.005	3
67	MP2A	X	6.412	3
68	MP2A	Z	11.107	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
69	MP2A	Mx	.003	3
70	MP2B	X	6.412	3
71	MP2B	Z	11.107	3
72	MP2B	Mx	.003	3
73	MP2C	X	4.163	3
74	MP2C	Z	7.211	3
75	MP2C	Mx	-.004	3
76	MP3A	X	13.274	1.75
77	MP3A	Z	22.992	1.75
78	MP3A	Mx	-.01	1.75
79	MP3A	X	13.274	5.75
80	MP3A	Z	22.992	5.75
81	MP3A	Mx	-.01	5.75
82	MP3B	X	13.274	1.75
83	MP3B	Z	22.992	1.75
84	MP3B	Mx	-.01	1.75
85	MP3B	X	13.274	5.75
86	MP3B	Z	22.992	5.75
87	MP3B	Mx	-.01	5.75
88	MP3C	X	9.936	1.75
89	MP3C	Z	17.21	1.75
90	MP3C	Mx	.015	1.75
91	MP3C	X	9.936	5.75
92	MP3C	Z	17.21	5.75
93	MP3C	Mx	.015	5.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	1.75
2	MP2A	Z	34.347	1.75
3	MP2A	Mx	.023	1.75
4	MP2A	X	0	5.75
5	MP2A	Z	34.347	5.75
6	MP2A	Mx	.023	5.75
7	MP2B	X	0	1.75
8	MP2B	Z	29.449	1.75
9	MP2B	Mx	-.03	1.75
10	MP2B	X	0	5.75
11	MP2B	Z	29.449	5.75
12	MP2B	Mx	-.03	5.75
13	MP2C	X	0	1.75
14	MP2C	Z	29.449	1.75
15	MP2C	Mx	.004	1.75
16	MP2C	X	0	5.75
17	MP2C	Z	29.449	5.75
18	MP2C	Mx	.004	5.75
19	MP2A	X	0	1.75
20	MP2A	Z	34.347	1.75
21	MP2A	Mx	-.023	1.75
22	MP2A	X	0	5.75
23	MP2A	Z	34.347	5.75
24	MP2A	Mx	-.023	5.75
25	MP2B	X	0	1.75
26	MP2B	Z	29.449	1.75
27	MP2B	Mx	-.004	1.75
28	MP2B	X	0	5.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
29	MP2B	Z	29.449	5.75
30	MP2B	Mx	-.004	5.75
31	MP2C	X	0	1.75
32	MP2C	Z	29.449	1.75
33	MP2C	Mx	.03	1.75
34	MP2C	X	0	5.75
35	MP2C	Z	29.449	5.75
36	MP2C	Mx	.03	5.75
37	MP1A	X	0	2.75
38	MP1A	Z	16.963	2.75
39	MP1A	Mx	0	2.75
40	MP1A	X	0	4.75
41	MP1A	Z	16.963	4.75
42	MP1A	Mx	0	4.75
43	MP1B	X	0	2.75
44	MP1B	Z	11.262	2.75
45	MP1B	Mx	-.006	2.75
46	MP1B	X	0	4.75
47	MP1B	Z	11.262	4.75
48	MP1B	Mx	-.006	4.75
49	MP1C	X	0	2.75
50	MP1C	Z	11.262	2.75
51	MP1C	Mx	.006	2.75
52	MP1C	X	0	4.75
53	MP1C	Z	11.262	4.75
54	MP1C	Mx	.006	4.75
55	OVP	X	0	2
56	OVP	Z	27.532	2
57	OVP	Mx	0	2
58	MP3A	X	0	3
59	MP3A	Z	14.324	3
60	MP3A	Mx	0	3
61	MP3B	X	0	3
62	MP3B	Z	11.064	3
63	MP3B	Mx	.005	3
64	MP3C	X	0	3
65	MP3C	Z	11.064	3
66	MP3C	Mx	-.005	3
67	MP2A	X	0	3
68	MP2A	Z	14.324	3
69	MP2A	Mx	0	3
70	MP2B	X	0	3
71	MP2B	Z	9.826	3
72	MP2B	Mx	.004	3
73	MP2C	X	0	3
74	MP2C	Z	9.826	3
75	MP2C	Mx	-.004	3
76	MP3A	X	0	1.75
77	MP3A	Z	28.774	1.75
78	MP3A	Mx	0	1.75
79	MP3A	X	0	5.75
80	MP3A	Z	28.774	5.75
81	MP3A	Mx	0	5.75
82	MP3B	X	0	1.75
83	MP3B	Z	22.098	1.75
84	MP3B	Mx	-.014	1.75
85	MP3B	X	0	5.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
86	MP3B	Z	22.098	5.75
87	MP3B	Mx	-.014	5.75
88	MP3C	X	0	1.75
89	MP3C	Z	22.098	1.75
90	MP3C	Mx	.014	1.75
91	MP3C	X	0	5.75
92	MP3C	Z	22.098	5.75
93	MP3C	Mx	.014	5.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-16.13	1.75
2	MP2A	Z	27.938	1.75
3	MP2A	Mx	.031	1.75
4	MP2A	X	-16.13	5.75
5	MP2A	Z	27.938	5.75
6	MP2A	Mx	.031	5.75
7	MP2B	X	-13.126	1.75
8	MP2B	Z	22.735	1.75
9	MP2B	Mx	-.022	1.75
10	MP2B	X	-13.126	5.75
11	MP2B	Z	22.735	5.75
12	MP2B	Mx	-.022	5.75
13	MP2C	X	-16.685	1.75
14	MP2C	Z	28.9	1.75
15	MP2C	Mx	-.012	1.75
16	MP2C	X	-16.685	5.75
17	MP2C	Z	28.9	5.75
18	MP2C	Mx	-.012	5.75
19	MP2A	X	-16.13	1.75
20	MP2A	Z	27.938	1.75
21	MP2A	Mx	-.007	1.75
22	MP2A	X	-16.13	5.75
23	MP2A	Z	27.938	5.75
24	MP2A	Mx	-.007	5.75
25	MP2B	X	-13.126	1.75
26	MP2B	Z	22.735	1.75
27	MP2B	Mx	-.016	1.75
28	MP2B	X	-13.126	5.75
29	MP2B	Z	22.735	5.75
30	MP2B	Mx	-.016	5.75
31	MP2C	X	-16.685	1.75
32	MP2C	Z	28.9	1.75
33	MP2C	Mx	.029	1.75
34	MP2C	X	-16.685	5.75
35	MP2C	Z	28.9	5.75
36	MP2C	Mx	.029	5.75
37	MP1A	X	-7.267	2.75
38	MP1A	Z	12.587	2.75
39	MP1A	Mx	.005	2.75
40	MP1A	X	-7.267	4.75
41	MP1A	Z	12.587	4.75
42	MP1A	Mx	.005	4.75
43	MP1B	X	-3.77	2.75
44	MP1B	Z	6.53	2.75
45	MP1B	Mx	-.006	2.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
46	MP1B	X	-3.77	4.75
47	MP1B	Z	6.53	4.75
48	MP1B	Mx	-.006	4.75
49	MP1C	X	-7.913	2.75
50	MP1C	Z	13.706	2.75
51	MP1C	Mx	.004	2.75
52	MP1C	X	-7.913	4.75
53	MP1C	Z	13.706	4.75
54	MP1C	Mx	.004	4.75
55	OVP	X	-12.682	2
56	OVP	Z	21.966	2
57	OVP	Mx	0	2
58	MP3A	X	-6.619	3
59	MP3A	Z	11.464	3
60	MP3A	Mx	-.003	3
61	MP3B	X	-4.989	3
62	MP3B	Z	8.641	3
63	MP3B	Mx	.005	3
64	MP3C	X	-6.619	3
65	MP3C	Z	11.464	3
66	MP3C	Mx	-.003	3
67	MP2A	X	-6.412	3
68	MP2A	Z	11.107	3
69	MP2A	Mx	-.003	3
70	MP2B	X	-4.163	3
71	MP2B	Z	7.211	3
72	MP2B	Mx	.004	3
73	MP2C	X	-6.412	3
74	MP2C	Z	11.107	3
75	MP2C	Mx	-.003	3
76	MP3A	X	-13.274	1.75
77	MP3A	Z	22.992	1.75
78	MP3A	Mx	.01	1.75
79	MP3A	X	-13.274	5.75
80	MP3A	Z	22.992	5.75
81	MP3A	Mx	.01	5.75
82	MP3B	X	-9.936	1.75
83	MP3B	Z	17.21	1.75
84	MP3B	Mx	-.015	1.75
85	MP3B	X	-9.936	5.75
86	MP3B	Z	17.21	5.75
87	MP3B	Mx	-.015	5.75
88	MP3C	X	-13.274	1.75
89	MP3C	Z	22.992	1.75
90	MP3C	Mx	.01	1.75
91	MP3C	X	-13.274	5.75
92	MP3C	Z	22.992	5.75
93	MP3C	Mx	.01	5.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-24.324	1.75
2	MP2A	Z	14.044	1.75
3	MP2A	Mx	.028	1.75
4	MP2A	X	-24.324	5.75
5	MP2A	Z	14.044	5.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
6	MP2A	Mx	.028	5.75
7	MP2B	X	-23.363	1.75
8	MP2B	Z	13.488	1.75
9	MP2B	Mx	-.013	1.75
10	MP2B	X	-23.363	5.75
11	MP2B	Z	13.488	5.75
12	MP2B	Mx	-.013	5.75
13	MP2C	X	-29.528	1.75
14	MP2C	Z	17.048	1.75
15	MP2C	Mx	-.027	1.75
16	MP2C	X	-29.528	5.75
17	MP2C	Z	17.048	5.75
18	MP2C	Mx	-.027	5.75
19	MP2A	X	-24.324	1.75
20	MP2A	Z	14.044	1.75
21	MP2A	Mx	.009	1.75
22	MP2A	X	-24.324	5.75
23	MP2A	Z	14.044	5.75
24	MP2A	Mx	.009	5.75
25	MP2B	X	-23.363	1.75
26	MP2B	Z	13.488	1.75
27	MP2B	Mx	-.025	1.75
28	MP2B	X	-23.363	5.75
29	MP2B	Z	13.488	5.75
30	MP2B	Mx	-.025	5.75
31	MP2C	X	-29.528	1.75
32	MP2C	Z	17.048	1.75
33	MP2C	Mx	.018	1.75
34	MP2C	X	-29.528	5.75
35	MP2C	Z	17.048	5.75
36	MP2C	Mx	.018	5.75
37	MP1A	X	-8.38	2.75
38	MP1A	Z	4.838	2.75
39	MP1A	Mx	.006	2.75
40	MP1A	X	-8.38	4.75
41	MP1A	Z	4.838	4.75
42	MP1A	Mx	.006	4.75
43	MP1B	X	-7.26	2.75
44	MP1B	Z	4.192	2.75
45	MP1B	Mx	-.006	2.75
46	MP1B	X	-7.26	4.75
47	MP1B	Z	4.192	4.75
48	MP1B	Mx	-.006	4.75
49	MP1C	X	-14.437	2.75
50	MP1C	Z	8.335	2.75
51	MP1C	Mx	-.002	2.75
52	MP1C	X	-14.437	4.75
53	MP1C	Z	8.335	4.75
54	MP1C	Mx	-.002	4.75
55	OVP	X	-18.209	2
56	OVP	Z	10.513	2
57	OVP	Mx	0	2
58	MP3A	X	-9.582	3
59	MP3A	Z	5.532	3
60	MP3A	Mx	-.005	3
61	MP3B	X	-9.582	3
62	MP3B	Z	5.532	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
63	MP3B	Mx	.005	3
64	MP3C	X	-12.405	3
65	MP3C	Z	7.162	3
66	MP3C	Mx	0	3
67	MP2A	X	-8.509	3
68	MP2A	Z	4.913	3
69	MP2A	Mx	-.004	3
70	MP2B	X	-8.509	3
71	MP2B	Z	4.913	3
72	MP2B	Mx	.004	3
73	MP2C	X	-12.405	3
74	MP2C	Z	7.162	3
75	MP2C	Mx	0	3
76	MP3A	X	-19.137	1.75
77	MP3A	Z	11.049	1.75
78	MP3A	Mx	.014	1.75
79	MP3A	X	-19.137	5.75
80	MP3A	Z	11.049	5.75
81	MP3A	Mx	.014	5.75
82	MP3B	X	-19.137	1.75
83	MP3B	Z	11.049	1.75
84	MP3B	Mx	-.014	1.75
85	MP3B	X	-19.137	5.75
86	MP3B	Z	11.049	5.75
87	MP3B	Mx	-.014	5.75
88	MP3C	X	-24.919	1.75
89	MP3C	Z	14.387	1.75
90	MP3C	Mx	0	1.75
91	MP3C	X	-24.919	5.75
92	MP3C	Z	14.387	5.75
93	MP3C	Mx	0	5.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-26	1.75
2	MP2A	Z	0	1.75
3	MP2A	Mx	.019	1.75
4	MP2A	X	-26	5.75
5	MP2A	Z	0	5.75
6	MP2A	Mx	.019	5.75
7	MP2B	X	-30.899	1.75
8	MP2B	Z	0	1.75
9	MP2B	Mx	.000884	1.75
10	MP2B	X	-30.899	5.75
11	MP2B	Z	0	5.75
12	MP2B	Mx	.000884	5.75
13	MP2C	X	-30.899	1.75
14	MP2C	Z	0	1.75
15	MP2C	Mx	-.031	1.75
16	MP2C	X	-30.899	5.75
17	MP2C	Z	0	5.75
18	MP2C	Mx	-.031	5.75
19	MP2A	X	-26	1.75
20	MP2A	Z	0	1.75
21	MP2A	Mx	.019	1.75
22	MP2A	X	-26	5.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
23	MP2A	Z	0	5.75
24	MP2A	Mx	.019	5.75
25	MP2B	X	-30.899	1.75
26	MP2B	Z	0	1.75
27	MP2B	Mx	-.031	1.75
28	MP2B	X	-30.899	5.75
29	MP2B	Z	0	5.75
30	MP2B	Mx	-.031	5.75
31	MP2C	X	-30.899	1.75
32	MP2C	Z	0	1.75
33	MP2C	Mx	.000884	1.75
34	MP2C	X	-30.899	5.75
35	MP2C	Z	0	5.75
36	MP2C	Mx	.000884	5.75
37	MP1A	X	-7.247	2.75
38	MP1A	Z	0	2.75
39	MP1A	Mx	.005	2.75
40	MP1A	X	-7.247	4.75
41	MP1A	Z	0	4.75
42	MP1A	Mx	.005	4.75
43	MP1B	X	-12.949	2.75
44	MP1B	Z	0	2.75
45	MP1B	Mx	-.006	2.75
46	MP1B	X	-12.949	4.75
47	MP1B	Z	0	4.75
48	MP1B	Mx	-.006	4.75
49	MP1C	X	-12.949	2.75
50	MP1C	Z	0	2.75
51	MP1C	Mx	-.006	2.75
52	MP1C	X	-12.949	4.75
53	MP1C	Z	0	4.75
54	MP1C	Mx	-.006	4.75
55	OVP	X	-18.858	2
56	OVP	Z	0	2
57	OVP	Mx	0	2
58	MP3A	X	-9.978	3
59	MP3A	Z	0	3
60	MP3A	Mx	-.005	3
61	MP3B	X	-13.238	3
62	MP3B	Z	0	3
63	MP3B	Mx	.003	3
64	MP3C	X	-13.238	3
65	MP3C	Z	0	3
66	MP3C	Mx	.003	3
67	MP2A	X	-8.326	3
68	MP2A	Z	0	3
69	MP2A	Mx	-.004	3
70	MP2B	X	-12.825	3
71	MP2B	Z	0	3
72	MP2B	Mx	.003	3
73	MP2C	X	-12.825	3
74	MP2C	Z	0	3
75	MP2C	Mx	.003	3
76	MP3A	X	-19.872	1.75
77	MP3A	Z	0	1.75
78	MP3A	Mx	.015	1.75
79	MP3A	X	-19.872	5.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
80	MP3A	Z	0	5.75
81	MP3A	Mx	.015	5.75
82	MP3B	X	-26.548	1.75
83	MP3B	Z	0	1.75
84	MP3B	Mx	-.01	1.75
85	MP3B	X	-26.548	5.75
86	MP3B	Z	0	5.75
87	MP3B	Mx	-.01	5.75
88	MP3C	X	-26.548	1.75
89	MP3C	Z	0	1.75
90	MP3C	Mx	-.01	1.75
91	MP3C	X	-26.548	5.75
92	MP3C	Z	0	5.75
93	MP3C	Mx	-.01	5.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-24.324	1.75
2	MP2A	Z	-14.044	1.75
3	MP2A	Mx	.009	1.75
4	MP2A	X	-24.324	5.75
5	MP2A	Z	-14.044	5.75
6	MP2A	Mx	.009	5.75
7	MP2B	X	-29.528	1.75
8	MP2B	Z	-17.048	1.75
9	MP2B	Mx	.018	1.75
10	MP2B	X	-29.528	5.75
11	MP2B	Z	-17.048	5.75
12	MP2B	Mx	.018	5.75
13	MP2C	X	-23.363	1.75
14	MP2C	Z	-13.488	1.75
15	MP2C	Mx	-.025	1.75
16	MP2C	X	-23.363	5.75
17	MP2C	Z	-13.488	5.75
18	MP2C	Mx	-.025	5.75
19	MP2A	X	-24.324	1.75
20	MP2A	Z	-14.044	1.75
21	MP2A	Mx	.028	1.75
22	MP2A	X	-24.324	5.75
23	MP2A	Z	-14.044	5.75
24	MP2A	Mx	.028	5.75
25	MP2B	X	-29.528	1.75
26	MP2B	Z	-17.048	1.75
27	MP2B	Mx	-.027	1.75
28	MP2B	X	-29.528	5.75
29	MP2B	Z	-17.048	5.75
30	MP2B	Mx	-.027	5.75
31	MP2C	X	-23.363	1.75
32	MP2C	Z	-13.488	1.75
33	MP2C	Mx	-.013	1.75
34	MP2C	X	-23.363	5.75
35	MP2C	Z	-13.488	5.75
36	MP2C	Mx	-.013	5.75
37	MP1A	X	-8.38	2.75
38	MP1A	Z	-4.838	2.75
39	MP1A	Mx	.006	2.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
40	MP1A	X	-8.38	4.75
41	MP1A	Z	-4.838	4.75
42	MP1A	Mx	.006	4.75
43	MP1B	X	-14.437	2.75
44	MP1B	Z	-8.335	2.75
45	MP1B	Mx	-.002	2.75
46	MP1B	X	-14.437	4.75
47	MP1B	Z	-8.335	4.75
48	MP1B	Mx	-.002	4.75
49	MP1C	X	-7.26	2.75
50	MP1C	Z	-4.192	2.75
51	MP1C	Mx	-.006	2.75
52	MP1C	X	-7.26	4.75
53	MP1C	Z	-4.192	4.75
54	MP1C	Mx	-.006	4.75
55	OVP	X	-18.209	2
56	OVP	Z	-10.513	2
57	OVP	Mx	0	2
58	MP3A	X	-9.582	3
59	MP3A	Z	-5.532	3
60	MP3A	Mx	-.005	3
61	MP3B	X	-12.405	3
62	MP3B	Z	-7.162	3
63	MP3B	Mx	0	3
64	MP3C	X	-9.582	3
65	MP3C	Z	-5.532	3
66	MP3C	Mx	.005	3
67	MP2A	X	-8.509	3
68	MP2A	Z	-4.913	3
69	MP2A	Mx	-.004	3
70	MP2B	X	-12.405	3
71	MP2B	Z	-7.162	3
72	MP2B	Mx	0	3
73	MP2C	X	-8.509	3
74	MP2C	Z	-4.913	3
75	MP2C	Mx	.004	3
76	MP3A	X	-19.137	1.75
77	MP3A	Z	-11.049	1.75
78	MP3A	Mx	.014	1.75
79	MP3A	X	-19.137	5.75
80	MP3A	Z	-11.049	5.75
81	MP3A	Mx	.014	5.75
82	MP3B	X	-24.919	1.75
83	MP3B	Z	-14.387	1.75
84	MP3B	Mx	0	1.75
85	MP3B	X	-24.919	5.75
86	MP3B	Z	-14.387	5.75
87	MP3B	Mx	0	5.75
88	MP3C	X	-19.137	1.75
89	MP3C	Z	-11.049	1.75
90	MP3C	Mx	-.014	1.75
91	MP3C	X	-19.137	5.75
92	MP3C	Z	-11.049	5.75
93	MP3C	Mx	-.014	5.75

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

Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-16.13	1.75
2	MP2A	Z	-27.938	1.75
3	MP2A	Mx	-.007	1.75
4	MP2A	X	-16.13	5.75
5	MP2A	Z	-27.938	5.75
6	MP2A	Mx	-.007	5.75
7	MP2B	X	-16.685	1.75
8	MP2B	Z	-28.9	1.75
9	MP2B	Mx	.029	1.75
10	MP2B	X	-16.685	5.75
11	MP2B	Z	-28.9	5.75
12	MP2B	Mx	.029	5.75
13	MP2C	X	-13.126	1.75
14	MP2C	Z	-22.735	1.75
15	MP2C	Mx	-.016	1.75
16	MP2C	X	-13.126	5.75
17	MP2C	Z	-22.735	5.75
18	MP2C	Mx	-.016	5.75
19	MP2A	X	-16.13	1.75
20	MP2A	Z	-27.938	1.75
21	MP2A	Mx	.031	1.75
22	MP2A	X	-16.13	5.75
23	MP2A	Z	-27.938	5.75
24	MP2A	Mx	.031	5.75
25	MP2B	X	-16.685	1.75
26	MP2B	Z	-28.9	1.75
27	MP2B	Mx	-.012	1.75
28	MP2B	X	-16.685	5.75
29	MP2B	Z	-28.9	5.75
30	MP2B	Mx	-.012	5.75
31	MP2C	X	-13.126	1.75
32	MP2C	Z	-22.735	1.75
33	MP2C	Mx	-.022	1.75
34	MP2C	X	-13.126	5.75
35	MP2C	Z	-22.735	5.75
36	MP2C	Mx	-.022	5.75
37	MP1A	X	-7.267	2.75
38	MP1A	Z	-12.587	2.75
39	MP1A	Mx	.005	2.75
40	MP1A	X	-7.267	4.75
41	MP1A	Z	-12.587	4.75
42	MP1A	Mx	.005	4.75
43	MP1B	X	-7.913	2.75
44	MP1B	Z	-13.706	2.75
45	MP1B	Mx	.004	2.75
46	MP1B	X	-7.913	4.75
47	MP1B	Z	-13.706	4.75
48	MP1B	Mx	.004	4.75
49	MP1C	X	-3.77	2.75
50	MP1C	Z	-6.53	2.75
51	MP1C	Mx	-.006	2.75
52	MP1C	X	-3.77	4.75
53	MP1C	Z	-6.53	4.75
54	MP1C	Mx	-.006	4.75
55	OVP	X	-12.682	2
56	OVP	Z	-21.966	2
57	OVP	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3A	X	-6.619	3
59	MP3A	Z	-11.464	3
60	MP3A	Mx	-.003	3
61	MP3B	X	-6.619	3
62	MP3B	Z	-11.464	3
63	MP3B	Mx	-.003	3
64	MP3C	X	-4.989	3
65	MP3C	Z	-8.641	3
66	MP3C	Mx	.005	3
67	MP2A	X	-6.412	3
68	MP2A	Z	-11.107	3
69	MP2A	Mx	-.003	3
70	MP2B	X	-6.412	3
71	MP2B	Z	-11.107	3
72	MP2B	Mx	-.003	3
73	MP2C	X	-4.163	3
74	MP2C	Z	-7.211	3
75	MP2C	Mx	.004	3
76	MP3A	X	-13.274	1.75
77	MP3A	Z	-22.992	1.75
78	MP3A	Mx	.01	1.75
79	MP3A	X	-13.274	5.75
80	MP3A	Z	-22.992	5.75
81	MP3A	Mx	.01	5.75
82	MP3B	X	-13.274	1.75
83	MP3B	Z	-22.992	1.75
84	MP3B	Mx	.01	1.75
85	MP3B	X	-13.274	5.75
86	MP3B	Z	-22.992	5.75
87	MP3B	Mx	.01	5.75
88	MP3C	X	-9.936	1.75
89	MP3C	Z	-17.21	1.75
90	MP3C	Mx	-.015	1.75
91	MP3C	X	-9.936	5.75
92	MP3C	Z	-17.21	5.75
93	MP3C	Mx	-.015	5.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	1.75
2	MP2A	Z	-11.306	1.75
3	MP2A	Mx	-.008	1.75
4	MP2A	X	0	5.75
5	MP2A	Z	-11.306	5.75
6	MP2A	Mx	-.008	5.75
7	MP2B	X	0	1.75
8	MP2B	Z	-9.604	1.75
9	MP2B	Mx	.01	1.75
10	MP2B	X	0	5.75
11	MP2B	Z	-9.604	5.75
12	MP2B	Mx	.01	5.75
13	MP2C	X	0	1.75
14	MP2C	Z	-9.604	1.75
15	MP2C	Mx	-.001	1.75
16	MP2C	X	0	5.75
17	MP2C	Z	-9.604	5.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
18	MP2C	Mx	-.001	5.75
19	MP2A	X	0	1.75
20	MP2A	Z	-11.306	1.75
21	MP2A	Mx	.008	1.75
22	MP2A	X	0	5.75
23	MP2A	Z	-11.306	5.75
24	MP2A	Mx	.008	5.75
25	MP2B	X	0	1.75
26	MP2B	Z	-9.604	1.75
27	MP2B	Mx	.001	1.75
28	MP2B	X	0	5.75
29	MP2B	Z	-9.604	5.75
30	MP2B	Mx	.001	5.75
31	MP2C	X	0	1.75
32	MP2C	Z	-9.604	1.75
33	MP2C	Mx	-.01	1.75
34	MP2C	X	0	5.75
35	MP2C	Z	-9.604	5.75
36	MP2C	Mx	-.01	5.75
37	MP1A	X	0	2.75
38	MP1A	Z	-5.384	2.75
39	MP1A	Mx	0	2.75
40	MP1A	X	0	4.75
41	MP1A	Z	-5.384	4.75
42	MP1A	Mx	0	4.75
43	MP1B	X	0	2.75
44	MP1B	Z	-3.461	2.75
45	MP1B	Mx	.002	2.75
46	MP1B	X	0	4.75
47	MP1B	Z	-3.461	4.75
48	MP1B	Mx	.002	4.75
49	MP1C	X	0	2.75
50	MP1C	Z	-3.461	2.75
51	MP1C	Mx	-.002	2.75
52	MP1C	X	0	4.75
53	MP1C	Z	-3.461	4.75
54	MP1C	Mx	-.002	4.75
55	OVP	X	0	2
56	OVP	Z	-8.682	2
57	OVP	Mx	0	2
58	MP3A	X	0	3
59	MP3A	Z	-4.284	3
60	MP3A	Mx	0	3
61	MP3B	X	0	3
62	MP3B	Z	-3.219	3
63	MP3B	Mx	-.001	3
64	MP3C	X	0	3
65	MP3C	Z	-3.219	3
66	MP3C	Mx	.001	3
67	MP2A	X	0	3
68	MP2A	Z	-4.284	3
69	MP2A	Mx	0	3
70	MP2B	X	0	3
71	MP2B	Z	-2.811	3
72	MP2B	Mx	-.001	3
73	MP2C	X	0	3
74	MP2C	Z	-2.811	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
75	MP2C	Mx	.001	3
76	MP3A	X	0	1.75
77	MP3A	Z	-9.358	1.75
78	MP3A	Mx	0	1.75
79	MP3A	X	0	5.75
80	MP3A	Z	-9.358	5.75
81	MP3A	Mx	0	5.75
82	MP3B	X	0	1.75
83	MP3B	Z	-6.983	1.75
84	MP3B	Mx	.005	1.75
85	MP3B	X	0	5.75
86	MP3B	Z	-6.983	5.75
87	MP3B	Mx	.005	5.75
88	MP3C	X	0	1.75
89	MP3C	Z	-6.983	1.75
90	MP3C	Mx	-.005	1.75
91	MP3C	X	0	5.75
92	MP3C	Z	-6.983	5.75
93	MP3C	Mx	-.005	5.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	5.29	1.75
2	MP2A	Z	-9.163	1.75
3	MP2A	Mx	-.01	1.75
4	MP2A	X	5.29	5.75
5	MP2A	Z	-9.163	5.75
6	MP2A	Mx	-.01	5.75
7	MP2B	X	4.246	1.75
8	MP2B	Z	-7.355	1.75
9	MP2B	Mx	.007	1.75
10	MP2B	X	4.246	5.75
11	MP2B	Z	-7.355	5.75
12	MP2B	Mx	.007	5.75
13	MP2C	X	5.483	1.75
14	MP2C	Z	-9.497	1.75
15	MP2C	Mx	.004	1.75
16	MP2C	X	5.483	5.75
17	MP2C	Z	-9.497	5.75
18	MP2C	Mx	.004	5.75
19	MP2A	X	5.29	1.75
20	MP2A	Z	-9.163	1.75
21	MP2A	Mx	.002	1.75
22	MP2A	X	5.29	5.75
23	MP2A	Z	-9.163	5.75
24	MP2A	Mx	.002	5.75
25	MP2B	X	4.246	1.75
26	MP2B	Z	-7.355	1.75
27	MP2B	Mx	.005	1.75
28	MP2B	X	4.246	5.75
29	MP2B	Z	-7.355	5.75
30	MP2B	Mx	.005	5.75
31	MP2C	X	5.483	1.75
32	MP2C	Z	-9.497	1.75
33	MP2C	Mx	-.01	1.75
34	MP2C	X	5.483	5.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
35	MP2C	Z	-9.497	5.75
36	MP2C	Mx	-.01	5.75
37	MP1A	X	2.282	2.75
38	MP1A	Z	-3.953	2.75
39	MP1A	Mx	-.002	2.75
40	MP1A	X	2.282	4.75
41	MP1A	Z	-3.953	4.75
42	MP1A	Mx	-.002	4.75
43	MP1B	X	1.103	2.75
44	MP1B	Z	-1.911	2.75
45	MP1B	Mx	.002	2.75
46	MP1B	X	1.103	4.75
47	MP1B	Z	-1.911	4.75
48	MP1B	Mx	.002	4.75
49	MP1C	X	2.5	2.75
50	MP1C	Z	-4.33	2.75
51	MP1C	Mx	-.001	2.75
52	MP1C	X	2.5	4.75
53	MP1C	Z	-4.33	4.75
54	MP1C	Mx	-.001	4.75
55	OVP	X	3.974	2
56	OVP	Z	-6.884	2
57	OVP	Mx	0	2
58	MP3A	X	1.964	3
59	MP3A	Z	-3.402	3
60	MP3A	Mx	.000982	3
61	MP3B	X	1.432	3
62	MP3B	Z	-2.48	3
63	MP3B	Mx	-.001	3
64	MP3C	X	1.964	3
65	MP3C	Z	-3.402	3
66	MP3C	Mx	.000982	3
67	MP2A	X	1.896	3
68	MP2A	Z	-3.285	3
69	MP2A	Mx	.000948	3
70	MP2B	X	1.16	3
71	MP2B	Z	-2.009	3
72	MP2B	Mx	-.001	3
73	MP2C	X	1.896	3
74	MP2C	Z	-3.285	3
75	MP2C	Mx	.000948	3
76	MP3A	X	4.283	1.75
77	MP3A	Z	-7.419	1.75
78	MP3A	Mx	-.003	1.75
79	MP3A	X	4.283	5.75
80	MP3A	Z	-7.419	5.75
81	MP3A	Mx	-.003	5.75
82	MP3B	X	3.096	1.75
83	MP3B	Z	-5.362	1.75
84	MP3B	Mx	.005	1.75
85	MP3B	X	3.096	5.75
86	MP3B	Z	-5.362	5.75
87	MP3B	Mx	.005	5.75
88	MP3C	X	4.283	1.75
89	MP3C	Z	-7.419	1.75
90	MP3C	Mx	-.003	1.75
91	MP3C	X	4.283	5.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
92	MP3C	Z	-7.419	5.75
93	MP3C	Mx	-.003	5.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	7.907	1.75
2	MP2A	Z	-4.565	1.75
3	MP2A	Mx	-.009	1.75
4	MP2A	X	7.907	5.75
5	MP2A	Z	-4.565	5.75
6	MP2A	Mx	-.009	5.75
7	MP2B	X	7.573	1.75
8	MP2B	Z	-4.372	1.75
9	MP2B	Mx	.004	1.75
10	MP2B	X	7.573	5.75
11	MP2B	Z	-4.372	5.75
12	MP2B	Mx	.004	5.75
13	MP2C	X	9.715	1.75
14	MP2C	Z	-5.609	1.75
15	MP2C	Mx	.009	1.75
16	MP2C	X	9.715	5.75
17	MP2C	Z	-5.609	5.75
18	MP2C	Mx	.009	5.75
19	MP2A	X	7.907	1.75
20	MP2A	Z	-4.565	1.75
21	MP2A	Mx	-.003	1.75
22	MP2A	X	7.907	5.75
23	MP2A	Z	-4.565	5.75
24	MP2A	Mx	-.003	5.75
25	MP2B	X	7.573	1.75
26	MP2B	Z	-4.372	1.75
27	MP2B	Mx	.008	1.75
28	MP2B	X	7.573	5.75
29	MP2B	Z	-4.372	5.75
30	MP2B	Mx	.008	5.75
31	MP2C	X	9.715	1.75
32	MP2C	Z	-5.609	1.75
33	MP2C	Mx	-.006	1.75
34	MP2C	X	9.715	5.75
35	MP2C	Z	-5.609	5.75
36	MP2C	Mx	-.006	5.75
37	MP1A	X	2.535	2.75
38	MP1A	Z	-1.463	2.75
39	MP1A	Mx	-.002	2.75
40	MP1A	X	2.535	4.75
41	MP1A	Z	-1.463	4.75
42	MP1A	Mx	-.002	4.75
43	MP1B	X	2.157	2.75
44	MP1B	Z	-1.245	2.75
45	MP1B	Mx	.002	2.75
46	MP1B	X	2.157	4.75
47	MP1B	Z	-1.245	4.75
48	MP1B	Mx	.002	4.75
49	MP1C	X	4.577	2.75
50	MP1C	Z	-2.642	2.75
51	MP1C	Mx	.000689	2.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
52	MP1C	X	4.577	4.75
53	MP1C	Z	-2.642	4.75
54	MP1C	Mx	.000689	4.75
55	OVP	X	5.613	2
56	OVP	Z	-3.24	2
57	OVP	Mx	0	2
58	MP3A	X	2.787	3
59	MP3A	Z	-1.609	3
60	MP3A	Mx	.001	3
61	MP3B	X	2.787	3
62	MP3B	Z	-1.609	3
63	MP3B	Mx	-.001	3
64	MP3C	X	3.71	3
65	MP3C	Z	-2.142	3
66	MP3C	Mx	0	3
67	MP2A	X	2.434	3
68	MP2A	Z	-1.405	3
69	MP2A	Mx	.001	3
70	MP2B	X	2.434	3
71	MP2B	Z	-1.405	3
72	MP2B	Mx	-.001	3
73	MP2C	X	3.71	3
74	MP2C	Z	-2.142	3
75	MP2C	Mx	0	3
76	MP3A	X	6.048	1.75
77	MP3A	Z	-3.492	1.75
78	MP3A	Mx	-.005	1.75
79	MP3A	X	6.048	5.75
80	MP3A	Z	-3.492	5.75
81	MP3A	Mx	-.005	5.75
82	MP3B	X	6.048	1.75
83	MP3B	Z	-3.492	1.75
84	MP3B	Mx	.005	1.75
85	MP3B	X	6.048	5.75
86	MP3B	Z	-3.492	5.75
87	MP3B	Mx	.005	5.75
88	MP3C	X	8.104	1.75
89	MP3C	Z	-4.679	1.75
90	MP3C	Mx	0	1.75
91	MP3C	X	8.104	5.75
92	MP3C	Z	-4.679	5.75
93	MP3C	Mx	0	5.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	8.405	1.75
2	MP2A	Z	0	1.75
3	MP2A	Mx	-.006	1.75
4	MP2A	X	8.405	5.75
5	MP2A	Z	0	5.75
6	MP2A	Mx	-.006	5.75
7	MP2B	X	10.107	1.75
8	MP2B	Z	0	1.75
9	MP2B	Mx	-.000289	1.75
10	MP2B	X	10.107	5.75
11	MP2B	Z	0	5.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
12	MP2B	Mx	-.000289	5.75
13	MP2C	X	10.107	1.75
14	MP2C	Z	0	1.75
15	MP2C	Mx	.01	1.75
16	MP2C	X	10.107	5.75
17	MP2C	Z	0	5.75
18	MP2C	Mx	.01	5.75
19	MP2A	X	8.405	1.75
20	MP2A	Z	0	1.75
21	MP2A	Mx	-.006	1.75
22	MP2A	X	8.405	5.75
23	MP2A	Z	0	5.75
24	MP2A	Mx	-.006	5.75
25	MP2B	X	10.107	1.75
26	MP2B	Z	0	1.75
27	MP2B	Mx	.01	1.75
28	MP2B	X	10.107	5.75
29	MP2B	Z	0	5.75
30	MP2B	Mx	.01	5.75
31	MP2C	X	10.107	1.75
32	MP2C	Z	0	1.75
33	MP2C	Mx	-.000289	1.75
34	MP2C	X	10.107	5.75
35	MP2C	Z	0	5.75
36	MP2C	Mx	-.000289	5.75
37	MP1A	X	2.108	2.75
38	MP1A	Z	0	2.75
39	MP1A	Mx	-.002	2.75
40	MP1A	X	2.108	4.75
41	MP1A	Z	0	4.75
42	MP1A	Mx	-.002	4.75
43	MP1B	X	4.03	2.75
44	MP1B	Z	0	2.75
45	MP1B	Mx	.002	2.75
46	MP1B	X	4.03	4.75
47	MP1B	Z	0	4.75
48	MP1B	Mx	.002	4.75
49	MP1C	X	4.03	2.75
50	MP1C	Z	0	2.75
51	MP1C	Mx	.002	2.75
52	MP1C	X	4.03	4.75
53	MP1C	Z	0	4.75
54	MP1C	Mx	.002	4.75
55	OVP	X	5.747	2
56	OVP	Z	0	2
57	OVP	Mx	0	2
58	MP3A	X	2.864	3
59	MP3A	Z	0	3
60	MP3A	Mx	.001	3
61	MP3B	X	3.929	3
62	MP3B	Z	0	3
63	MP3B	Mx	-.000982	3
64	MP3C	X	3.929	3
65	MP3C	Z	0	3
66	MP3C	Mx	-.000982	3
67	MP2A	X	2.32	3
68	MP2A	Z	0	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
69	MP2A	Mx	.001	3
70	MP2B	X	3.793	3
71	MP2B	Z	0	3
72	MP2B	Mx	-.000948	3
73	MP2C	X	3.793	3
74	MP2C	Z	0	3
75	MP2C	Mx	-.000948	3
76	MP3A	X	6.192	1.75
77	MP3A	Z	0	1.75
78	MP3A	Mx	-.005	1.75
79	MP3A	X	6.192	5.75
80	MP3A	Z	0	5.75
81	MP3A	Mx	-.005	5.75
82	MP3B	X	8.567	1.75
83	MP3B	Z	0	1.75
84	MP3B	Mx	.003	1.75
85	MP3B	X	8.567	5.75
86	MP3B	Z	0	5.75
87	MP3B	Mx	.003	5.75
88	MP3C	X	8.567	1.75
89	MP3C	Z	0	1.75
90	MP3C	Mx	.003	1.75
91	MP3C	X	8.567	5.75
92	MP3C	Z	0	5.75
93	MP3C	Mx	.003	5.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	7.907	1.75
2	MP2A	Z	4.565	1.75
3	MP2A	Mx	-.003	1.75
4	MP2A	X	7.907	5.75
5	MP2A	Z	4.565	5.75
6	MP2A	Mx	-.003	5.75
7	MP2B	X	9.715	1.75
8	MP2B	Z	5.609	1.75
9	MP2B	Mx	-.006	1.75
10	MP2B	X	9.715	5.75
11	MP2B	Z	5.609	5.75
12	MP2B	Mx	-.006	5.75
13	MP2C	X	7.573	1.75
14	MP2C	Z	4.372	1.75
15	MP2C	Mx	.008	1.75
16	MP2C	X	7.573	5.75
17	MP2C	Z	4.372	5.75
18	MP2C	Mx	.008	5.75
19	MP2A	X	7.907	1.75
20	MP2A	Z	4.565	1.75
21	MP2A	Mx	-.009	1.75
22	MP2A	X	7.907	5.75
23	MP2A	Z	4.565	5.75
24	MP2A	Mx	-.009	5.75
25	MP2B	X	9.715	1.75
26	MP2B	Z	5.609	1.75
27	MP2B	Mx	.009	1.75
28	MP2B	X	9.715	5.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
29	MP2B	Z	5.609	5.75
30	MP2B	Mx	.009	5.75
31	MP2C	X	7.573	1.75
32	MP2C	Z	4.372	1.75
33	MP2C	Mx	.004	1.75
34	MP2C	X	7.573	5.75
35	MP2C	Z	4.372	5.75
36	MP2C	Mx	.004	5.75
37	MP1A	X	2.535	2.75
38	MP1A	Z	1.463	2.75
39	MP1A	Mx	-.002	2.75
40	MP1A	X	2.535	4.75
41	MP1A	Z	1.463	4.75
42	MP1A	Mx	-.002	4.75
43	MP1B	X	4.577	2.75
44	MP1B	Z	2.642	2.75
45	MP1B	Mx	.000689	2.75
46	MP1B	X	4.577	4.75
47	MP1B	Z	2.642	4.75
48	MP1B	Mx	.000689	4.75
49	MP1C	X	2.157	2.75
50	MP1C	Z	1.245	2.75
51	MP1C	Mx	.002	2.75
52	MP1C	X	2.157	4.75
53	MP1C	Z	1.245	4.75
54	MP1C	Mx	.002	4.75
55	OVP	X	5.613	2
56	OVP	Z	3.24	2
57	OVP	Mx	0	2
58	MP3A	X	2.787	3
59	MP3A	Z	1.609	3
60	MP3A	Mx	.001	3
61	MP3B	X	3.71	3
62	MP3B	Z	2.142	3
63	MP3B	Mx	0	3
64	MP3C	X	2.787	3
65	MP3C	Z	1.609	3
66	MP3C	Mx	-.001	3
67	MP2A	X	2.434	3
68	MP2A	Z	1.405	3
69	MP2A	Mx	.001	3
70	MP2B	X	3.71	3
71	MP2B	Z	2.142	3
72	MP2B	Mx	0	3
73	MP2C	X	2.434	3
74	MP2C	Z	1.405	3
75	MP2C	Mx	-.001	3
76	MP3A	X	6.048	1.75
77	MP3A	Z	3.492	1.75
78	MP3A	Mx	-.005	1.75
79	MP3A	X	6.048	5.75
80	MP3A	Z	3.492	5.75
81	MP3A	Mx	-.005	5.75
82	MP3B	X	8.104	1.75
83	MP3B	Z	4.679	1.75
84	MP3B	Mx	0	1.75
85	MP3B	X	8.104	5.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
86	MP3B	Z	4.679	5.75
87	MP3B	Mx	0	5.75
88	MP3C	X	6.048	1.75
89	MP3C	Z	3.492	1.75
90	MP3C	Mx	.005	1.75
91	MP3C	X	6.048	5.75
92	MP3C	Z	3.492	5.75
93	MP3C	Mx	.005	5.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	5.29	1.75
2	MP2A	Z	9.163	1.75
3	MP2A	Mx	.002	1.75
4	MP2A	X	5.29	5.75
5	MP2A	Z	9.163	5.75
6	MP2A	Mx	.002	5.75
7	MP2B	X	5.483	1.75
8	MP2B	Z	9.497	1.75
9	MP2B	Mx	-.01	1.75
10	MP2B	X	5.483	5.75
11	MP2B	Z	9.497	5.75
12	MP2B	Mx	-.01	5.75
13	MP2C	X	4.246	1.75
14	MP2C	Z	7.355	1.75
15	MP2C	Mx	.005	1.75
16	MP2C	X	4.246	5.75
17	MP2C	Z	7.355	5.75
18	MP2C	Mx	.005	5.75
19	MP2A	X	5.29	1.75
20	MP2A	Z	9.163	1.75
21	MP2A	Mx	-.01	1.75
22	MP2A	X	5.29	5.75
23	MP2A	Z	9.163	5.75
24	MP2A	Mx	-.01	5.75
25	MP2B	X	5.483	1.75
26	MP2B	Z	9.497	1.75
27	MP2B	Mx	.004	1.75
28	MP2B	X	5.483	5.75
29	MP2B	Z	9.497	5.75
30	MP2B	Mx	.004	5.75
31	MP2C	X	4.246	1.75
32	MP2C	Z	7.355	1.75
33	MP2C	Mx	.007	1.75
34	MP2C	X	4.246	5.75
35	MP2C	Z	7.355	5.75
36	MP2C	Mx	.007	5.75
37	MP1A	X	2.282	2.75
38	MP1A	Z	3.953	2.75
39	MP1A	Mx	-.002	2.75
40	MP1A	X	2.282	4.75
41	MP1A	Z	3.953	4.75
42	MP1A	Mx	-.002	4.75
43	MP1B	X	2.5	2.75
44	MP1B	Z	4.33	2.75
45	MP1B	Mx	-.001	2.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
46	MP1B	X	2.5	4.75
47	MP1B	Z	4.33	4.75
48	MP1B	Mx	-.001	4.75
49	MP1C	X	1.103	2.75
50	MP1C	Z	1.911	2.75
51	MP1C	Mx	.002	2.75
52	MP1C	X	1.103	4.75
53	MP1C	Z	1.911	4.75
54	MP1C	Mx	.002	4.75
55	OVP	X	3.974	2
56	OVP	Z	6.884	2
57	OVP	Mx	0	2
58	MP3A	X	1.964	3
59	MP3A	Z	3.402	3
60	MP3A	Mx	.000982	3
61	MP3B	X	1.964	3
62	MP3B	Z	3.402	3
63	MP3B	Mx	.000982	3
64	MP3C	X	1.432	3
65	MP3C	Z	2.48	3
66	MP3C	Mx	-.001	3
67	MP2A	X	1.896	3
68	MP2A	Z	3.285	3
69	MP2A	Mx	.000948	3
70	MP2B	X	1.896	3
71	MP2B	Z	3.285	3
72	MP2B	Mx	.000948	3
73	MP2C	X	1.16	3
74	MP2C	Z	2.009	3
75	MP2C	Mx	-.001	3
76	MP3A	X	4.283	1.75
77	MP3A	Z	7.419	1.75
78	MP3A	Mx	-.003	1.75
79	MP3A	X	4.283	5.75
80	MP3A	Z	7.419	5.75
81	MP3A	Mx	-.003	5.75
82	MP3B	X	4.283	1.75
83	MP3B	Z	7.419	1.75
84	MP3B	Mx	-.003	1.75
85	MP3B	X	4.283	5.75
86	MP3B	Z	7.419	5.75
87	MP3B	Mx	-.003	5.75
88	MP3C	X	3.096	1.75
89	MP3C	Z	5.362	1.75
90	MP3C	Mx	.005	1.75
91	MP3C	X	3.096	5.75
92	MP3C	Z	5.362	5.75
93	MP3C	Mx	.005	5.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	1.75
2	MP2A	Z	11.306	1.75
3	MP2A	Mx	.008	1.75
4	MP2A	X	0	5.75
5	MP2A	Z	11.306	5.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
6	MP2A	Mx	.008	5.75
7	MP2B	X	0	1.75
8	MP2B	Z	9.604	1.75
9	MP2B	Mx	-.01	1.75
10	MP2B	X	0	5.75
11	MP2B	Z	9.604	5.75
12	MP2B	Mx	-.01	5.75
13	MP2C	X	0	1.75
14	MP2C	Z	9.604	1.75
15	MP2C	Mx	.001	1.75
16	MP2C	X	0	5.75
17	MP2C	Z	9.604	5.75
18	MP2C	Mx	.001	5.75
19	MP2A	X	0	1.75
20	MP2A	Z	11.306	1.75
21	MP2A	Mx	-.008	1.75
22	MP2A	X	0	5.75
23	MP2A	Z	11.306	5.75
24	MP2A	Mx	-.008	5.75
25	MP2B	X	0	1.75
26	MP2B	Z	9.604	1.75
27	MP2B	Mx	-.001	1.75
28	MP2B	X	0	5.75
29	MP2B	Z	9.604	5.75
30	MP2B	Mx	-.001	5.75
31	MP2C	X	0	1.75
32	MP2C	Z	9.604	1.75
33	MP2C	Mx	.01	1.75
34	MP2C	X	0	5.75
35	MP2C	Z	9.604	5.75
36	MP2C	Mx	.01	5.75
37	MP1A	X	0	2.75
38	MP1A	Z	5.384	2.75
39	MP1A	Mx	0	2.75
40	MP1A	X	0	4.75
41	MP1A	Z	5.384	4.75
42	MP1A	Mx	0	4.75
43	MP1B	X	0	2.75
44	MP1B	Z	3.461	2.75
45	MP1B	Mx	-.002	2.75
46	MP1B	X	0	4.75
47	MP1B	Z	3.461	4.75
48	MP1B	Mx	-.002	4.75
49	MP1C	X	0	2.75
50	MP1C	Z	3.461	2.75
51	MP1C	Mx	.002	2.75
52	MP1C	X	0	4.75
53	MP1C	Z	3.461	4.75
54	MP1C	Mx	.002	4.75
55	OVP	X	0	2
56	OVP	Z	8.682	2
57	OVP	Mx	0	2
58	MP3A	X	0	3
59	MP3A	Z	4.284	3
60	MP3A	Mx	0	3
61	MP3B	X	0	3
62	MP3B	Z	3.219	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
63	MP3B	Mx	.001	3
64	MP3C	X	0	3
65	MP3C	Z	3.219	3
66	MP3C	Mx	-.001	3
67	MP2A	X	0	3
68	MP2A	Z	4.284	3
69	MP2A	Mx	0	3
70	MP2B	X	0	3
71	MP2B	Z	2.811	3
72	MP2B	Mx	.001	3
73	MP2C	X	0	3
74	MP2C	Z	2.811	3
75	MP2C	Mx	-.001	3
76	MP3A	X	0	1.75
77	MP3A	Z	9.358	1.75
78	MP3A	Mx	0	1.75
79	MP3A	X	0	5.75
80	MP3A	Z	9.358	5.75
81	MP3A	Mx	0	5.75
82	MP3B	X	0	1.75
83	MP3B	Z	6.983	1.75
84	MP3B	Mx	-.005	1.75
85	MP3B	X	0	5.75
86	MP3B	Z	6.983	5.75
87	MP3B	Mx	-.005	5.75
88	MP3C	X	0	1.75
89	MP3C	Z	6.983	1.75
90	MP3C	Mx	.005	1.75
91	MP3C	X	0	5.75
92	MP3C	Z	6.983	5.75
93	MP3C	Mx	.005	5.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-5.29	1.75
2	MP2A	Z	9.163	1.75
3	MP2A	Mx	.01	1.75
4	MP2A	X	-5.29	5.75
5	MP2A	Z	9.163	5.75
6	MP2A	Mx	.01	5.75
7	MP2B	X	-4.246	1.75
8	MP2B	Z	7.355	1.75
9	MP2B	Mx	-.007	1.75
10	MP2B	X	-4.246	5.75
11	MP2B	Z	7.355	5.75
12	MP2B	Mx	-.007	5.75
13	MP2C	X	-5.483	1.75
14	MP2C	Z	9.497	1.75
15	MP2C	Mx	-.004	1.75
16	MP2C	X	-5.483	5.75
17	MP2C	Z	9.497	5.75
18	MP2C	Mx	-.004	5.75
19	MP2A	X	-5.29	1.75
20	MP2A	Z	9.163	1.75
21	MP2A	Mx	-.002	1.75
22	MP2A	X	-5.29	5.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
23	MP2A	Z	9.163	5.75
24	MP2A	Mx	-.002	5.75
25	MP2B	X	-4.246	1.75
26	MP2B	Z	7.355	1.75
27	MP2B	Mx	-.005	1.75
28	MP2B	X	-4.246	5.75
29	MP2B	Z	7.355	5.75
30	MP2B	Mx	-.005	5.75
31	MP2C	X	-5.483	1.75
32	MP2C	Z	9.497	1.75
33	MP2C	Mx	.01	1.75
34	MP2C	X	-5.483	5.75
35	MP2C	Z	9.497	5.75
36	MP2C	Mx	.01	5.75
37	MP1A	X	-2.282	2.75
38	MP1A	Z	3.953	2.75
39	MP1A	Mx	.002	2.75
40	MP1A	X	-2.282	4.75
41	MP1A	Z	3.953	4.75
42	MP1A	Mx	.002	4.75
43	MP1B	X	-1.103	2.75
44	MP1B	Z	1.911	2.75
45	MP1B	Mx	-.002	2.75
46	MP1B	X	-1.103	4.75
47	MP1B	Z	1.911	4.75
48	MP1B	Mx	-.002	4.75
49	MP1C	X	-2.5	2.75
50	MP1C	Z	4.33	2.75
51	MP1C	Mx	.001	2.75
52	MP1C	X	-2.5	4.75
53	MP1C	Z	4.33	4.75
54	MP1C	Mx	.001	4.75
55	OVP	X	-3.974	2
56	OVP	Z	6.884	2
57	OVP	Mx	0	2
58	MP3A	X	-1.964	3
59	MP3A	Z	3.402	3
60	MP3A	Mx	-.000982	3
61	MP3B	X	-1.432	3
62	MP3B	Z	2.48	3
63	MP3B	Mx	.001	3
64	MP3C	X	-1.964	3
65	MP3C	Z	3.402	3
66	MP3C	Mx	-.000982	3
67	MP2A	X	-1.896	3
68	MP2A	Z	3.285	3
69	MP2A	Mx	-.000948	3
70	MP2B	X	-1.16	3
71	MP2B	Z	2.009	3
72	MP2B	Mx	.001	3
73	MP2C	X	-1.896	3
74	MP2C	Z	3.285	3
75	MP2C	Mx	-.000948	3
76	MP3A	X	-4.283	1.75
77	MP3A	Z	7.419	1.75
78	MP3A	Mx	.003	1.75
79	MP3A	X	-4.283	5.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
80	MP3A	Z	7.419	5.75
81	MP3A	Mx	.003	5.75
82	MP3B	X	-3.096	1.75
83	MP3B	Z	5.362	1.75
84	MP3B	Mx	-.005	1.75
85	MP3B	X	-3.096	5.75
86	MP3B	Z	5.362	5.75
87	MP3B	Mx	-.005	5.75
88	MP3C	X	-4.283	1.75
89	MP3C	Z	7.419	1.75
90	MP3C	Mx	.003	1.75
91	MP3C	X	-4.283	5.75
92	MP3C	Z	7.419	5.75
93	MP3C	Mx	.003	5.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-7.907	1.75
2	MP2A	Z	4.565	1.75
3	MP2A	Mx	.009	1.75
4	MP2A	X	-7.907	5.75
5	MP2A	Z	4.565	5.75
6	MP2A	Mx	.009	5.75
7	MP2B	X	-7.573	1.75
8	MP2B	Z	4.372	1.75
9	MP2B	Mx	-.004	1.75
10	MP2B	X	-7.573	5.75
11	MP2B	Z	4.372	5.75
12	MP2B	Mx	-.004	5.75
13	MP2C	X	-9.715	1.75
14	MP2C	Z	5.609	1.75
15	MP2C	Mx	-.009	1.75
16	MP2C	X	-9.715	5.75
17	MP2C	Z	5.609	5.75
18	MP2C	Mx	-.009	5.75
19	MP2A	X	-7.907	1.75
20	MP2A	Z	4.565	1.75
21	MP2A	Mx	.003	1.75
22	MP2A	X	-7.907	5.75
23	MP2A	Z	4.565	5.75
24	MP2A	Mx	.003	5.75
25	MP2B	X	-7.573	1.75
26	MP2B	Z	4.372	1.75
27	MP2B	Mx	-.008	1.75
28	MP2B	X	-7.573	5.75
29	MP2B	Z	4.372	5.75
30	MP2B	Mx	-.008	5.75
31	MP2C	X	-9.715	1.75
32	MP2C	Z	5.609	1.75
33	MP2C	Mx	.006	1.75
34	MP2C	X	-9.715	5.75
35	MP2C	Z	5.609	5.75
36	MP2C	Mx	.006	5.75
37	MP1A	X	-2.535	2.75
38	MP1A	Z	1.463	2.75
39	MP1A	Mx	.002	2.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
40	MP1A	X	-2.535	4.75
41	MP1A	Z	1.463	4.75
42	MP1A	Mx	.002	4.75
43	MP1B	X	-2.157	2.75
44	MP1B	Z	1.245	2.75
45	MP1B	Mx	-.002	2.75
46	MP1B	X	-2.157	4.75
47	MP1B	Z	1.245	4.75
48	MP1B	Mx	-.002	4.75
49	MP1C	X	-4.577	2.75
50	MP1C	Z	2.642	2.75
51	MP1C	Mx	-.000689	2.75
52	MP1C	X	-4.577	4.75
53	MP1C	Z	2.642	4.75
54	MP1C	Mx	-.000689	4.75
55	OVP	X	-5.613	2
56	OVP	Z	3.24	2
57	OVP	Mx	0	2
58	MP3A	X	-2.787	3
59	MP3A	Z	1.609	3
60	MP3A	Mx	-.001	3
61	MP3B	X	-2.787	3
62	MP3B	Z	1.609	3
63	MP3B	Mx	.001	3
64	MP3C	X	-3.71	3
65	MP3C	Z	2.142	3
66	MP3C	Mx	0	3
67	MP2A	X	-2.434	3
68	MP2A	Z	1.405	3
69	MP2A	Mx	-.001	3
70	MP2B	X	-2.434	3
71	MP2B	Z	1.405	3
72	MP2B	Mx	.001	3
73	MP2C	X	-3.71	3
74	MP2C	Z	2.142	3
75	MP2C	Mx	0	3
76	MP3A	X	-6.048	1.75
77	MP3A	Z	3.492	1.75
78	MP3A	Mx	.005	1.75
79	MP3A	X	-6.048	5.75
80	MP3A	Z	3.492	5.75
81	MP3A	Mx	.005	5.75
82	MP3B	X	-6.048	1.75
83	MP3B	Z	3.492	1.75
84	MP3B	Mx	-.005	1.75
85	MP3B	X	-6.048	5.75
86	MP3B	Z	3.492	5.75
87	MP3B	Mx	-.005	5.75
88	MP3C	X	-8.104	1.75
89	MP3C	Z	4.679	1.75
90	MP3C	Mx	0	1.75
91	MP3C	X	-8.104	5.75
92	MP3C	Z	4.679	5.75
93	MP3C	Mx	0	5.75

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

Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-8.405	1.75
2	MP2A	Z	0	1.75
3	MP2A	Mx	.006	1.75
4	MP2A	X	-8.405	5.75
5	MP2A	Z	0	5.75
6	MP2A	Mx	.006	5.75
7	MP2B	X	-10.107	1.75
8	MP2B	Z	0	1.75
9	MP2B	Mx	.000289	1.75
10	MP2B	X	-10.107	5.75
11	MP2B	Z	0	5.75
12	MP2B	Mx	.000289	5.75
13	MP2C	X	-10.107	1.75
14	MP2C	Z	0	1.75
15	MP2C	Mx	-.01	1.75
16	MP2C	X	-10.107	5.75
17	MP2C	Z	0	5.75
18	MP2C	Mx	-.01	5.75
19	MP2A	X	-8.405	1.75
20	MP2A	Z	0	1.75
21	MP2A	Mx	.006	1.75
22	MP2A	X	-8.405	5.75
23	MP2A	Z	0	5.75
24	MP2A	Mx	.006	5.75
25	MP2B	X	-10.107	1.75
26	MP2B	Z	0	1.75
27	MP2B	Mx	-.01	1.75
28	MP2B	X	-10.107	5.75
29	MP2B	Z	0	5.75
30	MP2B	Mx	-.01	5.75
31	MP2C	X	-10.107	1.75
32	MP2C	Z	0	1.75
33	MP2C	Mx	.000289	1.75
34	MP2C	X	-10.107	5.75
35	MP2C	Z	0	5.75
36	MP2C	Mx	.000289	5.75
37	MP1A	X	-2.108	2.75
38	MP1A	Z	0	2.75
39	MP1A	Mx	.002	2.75
40	MP1A	X	-2.108	4.75
41	MP1A	Z	0	4.75
42	MP1A	Mx	.002	4.75
43	MP1B	X	-4.03	2.75
44	MP1B	Z	0	2.75
45	MP1B	Mx	-.002	2.75
46	MP1B	X	-4.03	4.75
47	MP1B	Z	0	4.75
48	MP1B	Mx	-.002	4.75
49	MP1C	X	-4.03	2.75
50	MP1C	Z	0	2.75
51	MP1C	Mx	-.002	2.75
52	MP1C	X	-4.03	4.75
53	MP1C	Z	0	4.75
54	MP1C	Mx	-.002	4.75
55	OVP	X	-5.747	2
56	OVP	Z	0	2
57	OVP	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3A	X	-2.864	3
59	MP3A	Z	0	3
60	MP3A	Mx	-.001	3
61	MP3B	X	-3.929	3
62	MP3B	Z	0	3
63	MP3B	Mx	.000982	3
64	MP3C	X	-3.929	3
65	MP3C	Z	0	3
66	MP3C	Mx	.000982	3
67	MP2A	X	-2.32	3
68	MP2A	Z	0	3
69	MP2A	Mx	-.001	3
70	MP2B	X	-3.793	3
71	MP2B	Z	0	3
72	MP2B	Mx	.000948	3
73	MP2C	X	-3.793	3
74	MP2C	Z	0	3
75	MP2C	Mx	.000948	3
76	MP3A	X	-6.192	1.75
77	MP3A	Z	0	1.75
78	MP3A	Mx	.005	1.75
79	MP3A	X	-6.192	5.75
80	MP3A	Z	0	5.75
81	MP3A	Mx	.005	5.75
82	MP3B	X	-8.567	1.75
83	MP3B	Z	0	1.75
84	MP3B	Mx	-.003	1.75
85	MP3B	X	-8.567	5.75
86	MP3B	Z	0	5.75
87	MP3B	Mx	-.003	5.75
88	MP3C	X	-8.567	1.75
89	MP3C	Z	0	1.75
90	MP3C	Mx	-.003	1.75
91	MP3C	X	-8.567	5.75
92	MP3C	Z	0	5.75
93	MP3C	Mx	-.003	5.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-7.907	1.75
2	MP2A	Z	-4.565	1.75
3	MP2A	Mx	.003	1.75
4	MP2A	X	-7.907	5.75
5	MP2A	Z	-4.565	5.75
6	MP2A	Mx	.003	5.75
7	MP2B	X	-9.715	1.75
8	MP2B	Z	-5.609	1.75
9	MP2B	Mx	.006	1.75
10	MP2B	X	-9.715	5.75
11	MP2B	Z	-5.609	5.75
12	MP2B	Mx	.006	5.75
13	MP2C	X	-7.573	1.75
14	MP2C	Z	-4.372	1.75
15	MP2C	Mx	-.008	1.75
16	MP2C	X	-7.573	5.75
17	MP2C	Z	-4.372	5.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
18	MP2C	Mx	-.008	5.75
19	MP2A	X	-7.907	1.75
20	MP2A	Z	-4.565	1.75
21	MP2A	Mx	.009	1.75
22	MP2A	X	-7.907	5.75
23	MP2A	Z	-4.565	5.75
24	MP2A	Mx	.009	5.75
25	MP2B	X	-9.715	1.75
26	MP2B	Z	-5.609	1.75
27	MP2B	Mx	-.009	1.75
28	MP2B	X	-9.715	5.75
29	MP2B	Z	-5.609	5.75
30	MP2B	Mx	-.009	5.75
31	MP2C	X	-7.573	1.75
32	MP2C	Z	-4.372	1.75
33	MP2C	Mx	-.004	1.75
34	MP2C	X	-7.573	5.75
35	MP2C	Z	-4.372	5.75
36	MP2C	Mx	-.004	5.75
37	MP1A	X	-2.535	2.75
38	MP1A	Z	-1.463	2.75
39	MP1A	Mx	.002	2.75
40	MP1A	X	-2.535	4.75
41	MP1A	Z	-1.463	4.75
42	MP1A	Mx	.002	4.75
43	MP1B	X	-4.577	2.75
44	MP1B	Z	-2.642	2.75
45	MP1B	Mx	-.000689	2.75
46	MP1B	X	-4.577	4.75
47	MP1B	Z	-2.642	4.75
48	MP1B	Mx	-.000689	4.75
49	MP1C	X	-2.157	2.75
50	MP1C	Z	-1.245	2.75
51	MP1C	Mx	-.002	2.75
52	MP1C	X	-2.157	4.75
53	MP1C	Z	-1.245	4.75
54	MP1C	Mx	-.002	4.75
55	OVP	X	-5.613	2
56	OVP	Z	-3.24	2
57	OVP	Mx	0	2
58	MP3A	X	-2.787	3
59	MP3A	Z	-1.609	3
60	MP3A	Mx	-.001	3
61	MP3B	X	-3.71	3
62	MP3B	Z	-2.142	3
63	MP3B	Mx	0	3
64	MP3C	X	-2.787	3
65	MP3C	Z	-1.609	3
66	MP3C	Mx	.001	3
67	MP2A	X	-2.434	3
68	MP2A	Z	-1.405	3
69	MP2A	Mx	-.001	3
70	MP2B	X	-3.71	3
71	MP2B	Z	-2.142	3
72	MP2B	Mx	0	3
73	MP2C	X	-2.434	3
74	MP2C	Z	-1.405	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
75	MP2C	Mx	.001	3
76	MP3A	X	-6.048	1.75
77	MP3A	Z	-3.492	1.75
78	MP3A	Mx	.005	1.75
79	MP3A	X	-6.048	5.75
80	MP3A	Z	-3.492	5.75
81	MP3A	Mx	.005	5.75
82	MP3B	X	-8.104	1.75
83	MP3B	Z	-4.679	1.75
84	MP3B	Mx	0	1.75
85	MP3B	X	-8.104	5.75
86	MP3B	Z	-4.679	5.75
87	MP3B	Mx	0	5.75
88	MP3C	X	-6.048	1.75
89	MP3C	Z	-3.492	1.75
90	MP3C	Mx	-.005	1.75
91	MP3C	X	-6.048	5.75
92	MP3C	Z	-3.492	5.75
93	MP3C	Mx	-.005	5.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-5.29	1.75
2	MP2A	Z	-9.163	1.75
3	MP2A	Mx	-.002	1.75
4	MP2A	X	-5.29	5.75
5	MP2A	Z	-9.163	5.75
6	MP2A	Mx	-.002	5.75
7	MP2B	X	-5.483	1.75
8	MP2B	Z	-9.497	1.75
9	MP2B	Mx	.01	1.75
10	MP2B	X	-5.483	5.75
11	MP2B	Z	-9.497	5.75
12	MP2B	Mx	.01	5.75
13	MP2C	X	-4.246	1.75
14	MP2C	Z	-7.355	1.75
15	MP2C	Mx	-.005	1.75
16	MP2C	X	-4.246	5.75
17	MP2C	Z	-7.355	5.75
18	MP2C	Mx	-.005	5.75
19	MP2A	X	-5.29	1.75
20	MP2A	Z	-9.163	1.75
21	MP2A	Mx	.01	1.75
22	MP2A	X	-5.29	5.75
23	MP2A	Z	-9.163	5.75
24	MP2A	Mx	.01	5.75
25	MP2B	X	-5.483	1.75
26	MP2B	Z	-9.497	1.75
27	MP2B	Mx	-.004	1.75
28	MP2B	X	-5.483	5.75
29	MP2B	Z	-9.497	5.75
30	MP2B	Mx	-.004	5.75
31	MP2C	X	-4.246	1.75
32	MP2C	Z	-7.355	1.75
33	MP2C	Mx	-.007	1.75
34	MP2C	X	-4.246	5.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
35	MP2C	Z	-7.355	5.75
36	MP2C	Mx	-.007	5.75
37	MP1A	X	-2.282	2.75
38	MP1A	Z	-3.953	2.75
39	MP1A	Mx	.002	2.75
40	MP1A	X	-2.282	4.75
41	MP1A	Z	-3.953	4.75
42	MP1A	Mx	.002	4.75
43	MP1B	X	-2.5	2.75
44	MP1B	Z	-4.33	2.75
45	MP1B	Mx	.001	2.75
46	MP1B	X	-2.5	4.75
47	MP1B	Z	-4.33	4.75
48	MP1B	Mx	.001	4.75
49	MP1C	X	-1.103	2.75
50	MP1C	Z	-1.911	2.75
51	MP1C	Mx	-.002	2.75
52	MP1C	X	-1.103	4.75
53	MP1C	Z	-1.911	4.75
54	MP1C	Mx	-.002	4.75
55	OVP	X	-3.974	2
56	OVP	Z	-6.884	2
57	OVP	Mx	0	2
58	MP3A	X	-1.964	3
59	MP3A	Z	-3.402	3
60	MP3A	Mx	-.000982	3
61	MP3B	X	-1.964	3
62	MP3B	Z	-3.402	3
63	MP3B	Mx	-.000982	3
64	MP3C	X	-1.432	3
65	MP3C	Z	-2.48	3
66	MP3C	Mx	.001	3
67	MP2A	X	-1.896	3
68	MP2A	Z	-3.285	3
69	MP2A	Mx	-.000948	3
70	MP2B	X	-1.896	3
71	MP2B	Z	-3.285	3
72	MP2B	Mx	-.000948	3
73	MP2C	X	-1.16	3
74	MP2C	Z	-2.009	3
75	MP2C	Mx	.001	3
76	MP3A	X	-4.283	1.75
77	MP3A	Z	-7.419	1.75
78	MP3A	Mx	.003	1.75
79	MP3A	X	-4.283	5.75
80	MP3A	Z	-7.419	5.75
81	MP3A	Mx	.003	5.75
82	MP3B	X	-4.283	1.75
83	MP3B	Z	-7.419	1.75
84	MP3B	Mx	.003	1.75
85	MP3B	X	-4.283	5.75
86	MP3B	Z	-7.419	5.75
87	MP3B	Mx	.003	5.75
88	MP3C	X	-3.096	1.75
89	MP3C	Z	-5.362	1.75
90	MP3C	Mx	-.005	1.75
91	MP3C	X	-3.096	5.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
92	MP3C	Z	-5.362	5.75
93	MP3C	Mx	-.005	5.75

Member Point Loads (BLC 77 : Lm1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M1	Y	-500	%66

Member Point Loads (BLC 78 : Lm2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M1	Y	-500	%34

Member Point Loads (BLC 79 : Lv1)

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

Member Point Loads (BLC 80 : Lv2)

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

Member Distributed Loads (BLC 40 : Structure Di)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	Y	-5.936	-5.936	0	%100
2	M2	Y	-5.936	-5.936	0	%100
3	M13	Y	-6.929	-6.929	0	%100
4	M14	Y	-6.929	-6.929	0	%100
5	M15	Y	-6.929	-6.929	0	%100
6	M16	Y	-6.929	-6.929	0	%100
7	M17	Y	-5.207	-5.207	0	%100
8	M18	Y	-5.207	-5.207	0	%100
9	M19	Y	-5.207	-5.207	0	%100
10	OVP	Y	-5.207	-5.207	0	%100
11	M21	Y	-6.929	-6.929	0	%100
12	M22	Y	-6.929	-6.929	0	%100
13	M23	Y	-6.929	-6.929	0	%100
14	M24	Y	-6.929	-6.929	0	%100
15	M25	Y	-2.836	-2.836	0	%100
16	M26	Y	-2.836	-2.836	0	%100
17	M27	Y	-2.836	-2.836	0	%100
18	M28	Y	-2.836	-2.836	0	%100
19	MP4A	Y	-5.207	-5.207	0	%100
20	MP3A	Y	-5.207	-5.207	0	%100
21	MP2A	Y	-5.936	-5.936	0	%100
22	MP1A	Y	-5.207	-5.207	0	%100
23	M44	Y	-2.654	-2.654	0	%100
24	M45	Y	-2.654	-2.654	0	%100
25	M46	Y	-2.654	-2.654	0	%100
26	M47	Y	-2.654	-2.654	0	%100
27	M43	Y	-8.307	-8.307	0	%100
28	M44A	Y	-5.936	-5.936	0	%100
29	M45A	Y	-5.936	-5.936	0	%100
30	M54	Y	-6.929	-6.929	0	%100
31	M55	Y	-6.929	-6.929	0	%100
32	M56	Y	-6.929	-6.929	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,%]
33	M57	Y	-6.929	-6.929	0	%100
34	M58	Y	-5.207	-5.207	0	%100
35	M59	Y	-5.207	-5.207	0	%100
36	M60	Y	-5.207	-5.207	0	%100
37	M61	Y	-5.207	-5.207	0	%100
38	M62	Y	-6.929	-6.929	0	%100
39	M63	Y	-6.929	-6.929	0	%100
40	M64	Y	-6.929	-6.929	0	%100
41	M65	Y	-6.929	-6.929	0	%100
42	M66	Y	-2.836	-2.836	0	%100
43	M67	Y	-2.836	-2.836	0	%100
44	M68	Y	-2.836	-2.836	0	%100
45	M69	Y	-2.836	-2.836	0	%100
46	MP4C	Y	-5.207	-5.207	0	%100
47	MP3C	Y	-5.207	-5.207	0	%100
48	MP2C	Y	-5.936	-5.936	0	%100
49	MP1C	Y	-5.207	-5.207	0	%100
50	M74	Y	-2.654	-2.654	0	%100
51	M75	Y	-2.654	-2.654	0	%100
52	M76	Y	-2.654	-2.654	0	%100
53	M77	Y	-2.654	-2.654	0	%100
54	M84	Y	-8.307	-8.307	0	%100
55	M85	Y	-5.936	-5.936	0	%100
56	M86	Y	-5.936	-5.936	0	%100
57	M95	Y	-6.929	-6.929	0	%100
58	M96	Y	-6.929	-6.929	0	%100
59	M97	Y	-6.929	-6.929	0	%100
60	M98	Y	-6.929	-6.929	0	%100
61	M99	Y	-5.207	-5.207	0	%100
62	M100	Y	-5.207	-5.207	0	%100
63	M101	Y	-5.207	-5.207	0	%100
64	M102	Y	-5.207	-5.207	0	%100
65	M103	Y	-6.929	-6.929	0	%100
66	M104	Y	-6.929	-6.929	0	%100
67	M105	Y	-6.929	-6.929	0	%100
68	M106	Y	-6.929	-6.929	0	%100
69	M107	Y	-2.836	-2.836	0	%100
70	M108	Y	-2.836	-2.836	0	%100
71	M109	Y	-2.836	-2.836	0	%100
72	M110	Y	-2.836	-2.836	0	%100
73	MP4B	Y	-5.207	-5.207	0	%100
74	MP3B	Y	-5.207	-5.207	0	%100
75	MP2B	Y	-5.936	-5.936	0	%100
76	MP1B	Y	-5.207	-5.207	0	%100
77	M115	Y	-2.654	-2.654	0	%100
78	M116	Y	-2.654	-2.654	0	%100
79	M117	Y	-2.654	-2.654	0	%100
80	M118	Y	-2.654	-2.654	0	%100
81	M125	Y	-8.307	-8.307	0	%100
82	M126	Y	-5.207	-5.207	0	%100
83	M129	Y	-6.848	-6.848	0	%100
84	M130	Y	-6.848	-6.848	0	%100
85	M131	Y	-6.848	-6.848	0	%100
86	M130A	Y	-5.207	-5.207	0	%100
87	M131A	Y	-5.207	-5.207	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	-10.538	-10.538	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	-10.538	-10.538	0	%100
5	M13	X	0	0	0	%100
6	M13	Z	0	0	0	%100
7	M14	X	0	0	0	%100
8	M14	Z	0	0	0	%100
9	M15	X	0	0	0	%100
10	M15	Z	0	0	0	%100
11	M16	X	0	0	0	%100
12	M16	Z	0	0	0	%100
13	M17	X	0	0	0	%100
14	M17	Z	-4.161	-4.161	0	%100
15	M18	X	0	0	0	%100
16	M18	Z	-4.161	-4.161	0	%100
17	M19	X	0	0	0	%100
18	M19	Z	-4.161	-4.161	0	%100
19	OVP	X	0	0	0	%100
20	OVP	Z	-4.161	-4.161	0	%100
21	M21	X	0	0	0	%100
22	M21	Z	-2.291	-2.291	0	%100
23	M22	X	0	0	0	%100
24	M22	Z	-2.291	-2.291	0	%100
25	M23	X	0	0	0	%100
26	M23	Z	-2.291	-2.291	0	%100
27	M24	X	0	0	0	%100
28	M24	Z	-2.291	-2.291	0	%100
29	M25	X	0	0	0	%100
30	M25	Z	-2.373	-2.373	0	%100
31	M26	X	0	0	0	%100
32	M26	Z	-2.373	-2.373	0	%100
33	M27	X	0	0	0	%100
34	M27	Z	-2.373	-2.373	0	%100
35	M28	X	0	0	0	%100
36	M28	Z	-2.373	-2.373	0	%100
37	MP4A	X	0	0	0	%100
38	MP4A	Z	-8.705	-8.705	0	%100
39	MP3A	X	0	0	0	%100
40	MP3A	Z	-8.705	-8.705	0	%100
41	MP2A	X	0	0	0	%100
42	MP2A	Z	-10.538	-10.538	0	%100
43	MP1A	X	0	0	0	%100
44	MP1A	Z	-8.705	-8.705	0	%100
45	M44	X	0	0	0	%100
46	M44	Z	-2.291	-2.291	0	%100
47	M45	X	0	0	0	%100
48	M45	Z	-2.291	-2.291	0	%100
49	M46	X	0	0	0	%100
50	M46	Z	-2.291	-2.291	0	%100
51	M47	X	0	0	0	%100
52	M47	Z	-2.291	-2.291	0	%100
53	M43	X	0	0	0	%100
54	M43	Z	-13.256	-13.256	0	%100
55	M44A	X	0	0	0	%100
56	M44A	Z	-2.635	-2.635	0	%100
57	M45A	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	M45A	Z	-2.635	-2.635	0	%100
59	M54	X	0	0	0	%100
60	M54	Z	-1.718	-1.718	0	%100
61	M55	X	0	0	0	%100
62	M55	Z	-1.718	-1.718	0	%100
63	M56	X	0	0	0	%100
64	M56	Z	-1.718	-1.718	0	%100
65	M57	X	0	0	0	%100
66	M57	Z	-1.718	-1.718	0	%100
67	M58	X	0	0	0	%100
68	M58	Z	-5.775	-5.775	0	%100
69	M59	X	0	0	0	%100
70	M59	Z	-5.775	-5.775	0	%100
71	M60	X	0	0	0	%100
72	M60	Z	-.132	-.132	0	%100
73	M61	X	0	0	0	%100
74	M61	Z	-.132	-.132	0	%100
75	M62	X	0	0	0	%100
76	M62	Z	-.573	-.573	0	%100
77	M63	X	0	0	0	%100
78	M63	Z	-.573	-.573	0	%100
79	M64	X	0	0	0	%100
80	M64	Z	-.573	-.573	0	%100
81	M65	X	0	0	0	%100
82	M65	Z	-.573	-.573	0	%100
83	M66	X	0	0	0	%100
84	M66	Z	-2.611	-2.611	0	%100
85	M67	X	0	0	0	%100
86	M67	Z	-2.611	-2.611	0	%100
87	M68	X	0	0	0	%100
88	M68	Z	-1.779	-1.779	0	%100
89	M69	X	0	0	0	%100
90	M69	Z	-1.779	-1.779	0	%100
91	MP4C	X	0	0	0	%100
92	MP4C	Z	-8.705	-8.705	0	%100
93	MP3C	X	0	0	0	%100
94	MP3C	Z	-8.705	-8.705	0	%100
95	MP2C	X	0	0	0	%100
96	MP2C	Z	-10.538	-10.538	0	%100
97	MP1C	X	0	0	0	%100
98	MP1C	Z	-8.705	-8.705	0	%100
99	M74	X	0	0	0	%100
100	M74	Z	-2.291	-2.291	0	%100
101	M75	X	0	0	0	%100
102	M75	Z	-2.291	-2.291	0	%100
103	M76	X	0	0	0	%100
104	M76	Z	-2.291	-2.291	0	%100
105	M77	X	0	0	0	%100
106	M77	Z	-2.291	-2.291	0	%100
107	M84	X	0	0	0	%100
108	M84	Z	-13.256	-13.256	0	%100
109	M85	X	0	0	0	%100
110	M85	Z	-2.635	-2.635	0	%100
111	M86	X	0	0	0	%100
112	M86	Z	-2.635	-2.635	0	%100
113	M95	X	0	0	0	%100
114	M95	Z	-1.718	-1.718	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
115	M96	X	0	0	0	%100
116	M96	Z	-1.718	-1.718	0	%100
117	M97	X	0	0	0	%100
118	M97	Z	-1.718	-1.718	0	%100
119	M98	X	0	0	0	%100
120	M98	Z	-1.718	-1.718	0	%100
121	M99	X	0	0	0	%100
122	M99	Z	-.132	-.132	0	%100
123	M100	X	0	0	0	%100
124	M100	Z	-.132	-.132	0	%100
125	M101	X	0	0	0	%100
126	M101	Z	-5.775	-5.775	0	%100
127	M102	X	0	0	0	%100
128	M102	Z	-5.775	-5.775	0	%100
129	M103	X	0	0	0	%100
130	M103	Z	-.573	-.573	0	%100
131	M104	X	0	0	0	%100
132	M104	Z	-.573	-.573	0	%100
133	M105	X	0	0	0	%100
134	M105	Z	-.573	-.573	0	%100
135	M106	X	0	0	0	%100
136	M106	Z	-.573	-.573	0	%100
137	M107	X	0	0	0	%100
138	M107	Z	-1.779	-1.779	0	%100
139	M108	X	0	0	0	%100
140	M108	Z	-1.779	-1.779	0	%100
141	M109	X	0	0	0	%100
142	M109	Z	-2.611	-2.611	0	%100
143	M110	X	0	0	0	%100
144	M110	Z	-2.611	-2.611	0	%100
145	MP4B	X	0	0	0	%100
146	MP4B	Z	-8.705	-8.705	0	%100
147	MP3B	X	0	0	0	%100
148	MP3B	Z	-8.705	-8.705	0	%100
149	MP2B	X	0	0	0	%100
150	MP2B	Z	-10.538	-10.538	0	%100
151	MP1B	X	0	0	0	%100
152	MP1B	Z	-8.705	-8.705	0	%100
153	M115	X	0	0	0	%100
154	M115	Z	-2.291	-2.291	0	%100
155	M116	X	0	0	0	%100
156	M116	Z	-2.291	-2.291	0	%100
157	M117	X	0	0	0	%100
158	M117	Z	-2.291	-2.291	0	%100
159	M118	X	0	0	0	%100
160	M118	Z	-2.291	-2.291	0	%100
161	M125	X	0	0	0	%100
162	M125	Z	-13.256	-13.256	0	%100
163	M126	X	0	0	0	%100
164	M126	Z	-2.47	-2.47	0	%100
165	M129	X	0	0	0	%100
166	M129	Z	-2.486	-2.486	0	%100
167	M130	X	0	0	0	%100
168	M130	Z	-9.944	-9.944	0	%100
169	M131	X	0	0	0	%100
170	M131	Z	-2.486	-2.486	0	%100
171	M130A	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
172	M130A	Z	-1.896	-1.896	0	%100
173	M131A	X	0	0	0	%100
174	M131A	Z	-8.693	-8.693	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	3.952	3.952	0	%100
2	M1	Z	-6.845	-6.845	0	%100
3	M2	X	3.952	3.952	0	%100
4	M2	Z	-6.845	-6.845	0	%100
5	M13	X	.286	.286	0	%100
6	M13	Z	-.496	-.496	0	%100
7	M14	X	.286	.286	0	%100
8	M14	Z	-.496	-.496	0	%100
9	M15	X	.286	.286	0	%100
10	M15	Z	-.496	-.496	0	%100
11	M16	X	.286	.286	0	%100
12	M16	Z	-.496	-.496	0	%100
13	M17	X	.468	.468	0	%100
14	M17	Z	-.811	-.811	0	%100
15	M18	X	.468	.468	0	%100
16	M18	Z	-.811	-.811	0	%100
17	M19	X	3.29	3.29	0	%100
18	M19	Z	-5.698	-5.698	0	%100
19	OVP	X	3.29	3.29	0	%100
20	OVP	Z	-5.698	-5.698	0	%100
21	M21	X	.859	.859	0	%100
22	M21	Z	-1.488	-1.488	0	%100
23	M22	X	.859	.859	0	%100
24	M22	Z	-1.488	-1.488	0	%100
25	M23	X	.859	.859	0	%100
26	M23	Z	-1.488	-1.488	0	%100
27	M24	X	.859	.859	0	%100
28	M24	Z	-1.488	-1.488	0	%100
29	M25	X	.949	.949	0	%100
30	M25	Z	-1.643	-1.643	0	%100
31	M26	X	.949	.949	0	%100
32	M26	Z	-1.643	-1.643	0	%100
33	M27	X	1.365	1.365	0	%100
34	M27	Z	-2.364	-2.364	0	%100
35	M28	X	1.365	1.365	0	%100
36	M28	Z	-2.364	-2.364	0	%100
37	MP4A	X	4.353	4.353	0	%100
38	MP4A	Z	-7.539	-7.539	0	%100
39	MP3A	X	4.353	4.353	0	%100
40	MP3A	Z	-7.539	-7.539	0	%100
41	MP2A	X	5.269	5.269	0	%100
42	MP2A	Z	-9.126	-9.126	0	%100
43	MP1A	X	4.353	4.353	0	%100
44	MP1A	Z	-7.539	-7.539	0	%100
45	M44	X	1.145	1.145	0	%100
46	M44	Z	-1.984	-1.984	0	%100
47	M45	X	1.145	1.145	0	%100
48	M45	Z	-1.984	-1.984	0	%100
49	M46	X	1.145	1.145	0	%100
50	M46	Z	-1.984	-1.984	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,%]
51	M47	X	1.145	1.145	0	%100
52	M47	Z	-1.984	-1.984	0	%100
53	M43	X	6.628	6.628	0	%100
54	M43	Z	-11.48	-11.48	0	%100
55	M44A	X	3.952	3.952	0	%100
56	M44A	Z	-6.845	-6.845	0	%100
57	M45A	X	3.952	3.952	0	%100
58	M45A	Z	-6.845	-6.845	0	%100
59	M54	X	.286	.286	0	%100
60	M54	Z	-.496	-.496	0	%100
61	M55	X	.286	.286	0	%100
62	M55	Z	-.496	-.496	0	%100
63	M56	X	.286	.286	0	%100
64	M56	Z	-.496	-.496	0	%100
65	M57	X	.286	.286	0	%100
66	M57	Z	-.496	-.496	0	%100
67	M58	X	3.29	3.29	0	%100
68	M58	Z	-5.698	-5.698	0	%100
69	M59	X	3.29	3.29	0	%100
70	M59	Z	-5.698	-5.698	0	%100
71	M60	X	.468	.468	0	%100
72	M60	Z	-.811	-.811	0	%100
73	M61	X	.468	.468	0	%100
74	M61	Z	-.811	-.811	0	%100
75	M62	X	.859	.859	0	%100
76	M62	Z	-1.488	-1.488	0	%100
77	M63	X	.859	.859	0	%100
78	M63	Z	-1.488	-1.488	0	%100
79	M64	X	.859	.859	0	%100
80	M64	Z	-1.488	-1.488	0	%100
81	M65	X	.859	.859	0	%100
82	M65	Z	-1.488	-1.488	0	%100
83	M66	X	1.365	1.365	0	%100
84	M66	Z	-2.364	-2.364	0	%100
85	M67	X	1.365	1.365	0	%100
86	M67	Z	-2.364	-2.364	0	%100
87	M68	X	.949	.949	0	%100
88	M68	Z	-1.643	-1.643	0	%100
89	M69	X	.949	.949	0	%100
90	M69	Z	-1.643	-1.643	0	%100
91	MP4C	X	4.353	4.353	0	%100
92	MP4C	Z	-7.539	-7.539	0	%100
93	MP3C	X	4.353	4.353	0	%100
94	MP3C	Z	-7.539	-7.539	0	%100
95	MP2C	X	5.269	5.269	0	%100
96	MP2C	Z	-9.126	-9.126	0	%100
97	MP1C	X	4.353	4.353	0	%100
98	MP1C	Z	-7.539	-7.539	0	%100
99	M74	X	1.145	1.145	0	%100
100	M74	Z	-1.984	-1.984	0	%100
101	M75	X	1.145	1.145	0	%100
102	M75	Z	-1.984	-1.984	0	%100
103	M76	X	1.145	1.145	0	%100
104	M76	Z	-1.984	-1.984	0	%100
105	M77	X	1.145	1.145	0	%100
106	M77	Z	-1.984	-1.984	0	%100
107	M84	X	6.628	6.628	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,%]
108	M84	Z	-11.48	-11.48	0	%100
109	M85	X	0	0	0	%100
110	M85	Z	0	0	0	%100
111	M86	X	0	0	0	%100
112	M86	Z	0	0	0	%100
113	M95	X	1.145	1.145	0	%100
114	M95	Z	-1.984	-1.984	0	%100
115	M96	X	1.145	1.145	0	%100
116	M96	Z	-1.984	-1.984	0	%100
117	M97	X	1.145	1.145	0	%100
118	M97	Z	-1.984	-1.984	0	%100
119	M98	X	1.145	1.145	0	%100
120	M98	Z	-1.984	-1.984	0	%100
121	M99	X	1.276	1.276	0	%100
122	M99	Z	-2.209	-2.209	0	%100
123	M100	X	1.276	1.276	0	%100
124	M100	Z	-2.209	-2.209	0	%100
125	M101	X	1.276	1.276	0	%100
126	M101	Z	-2.209	-2.209	0	%100
127	M102	X	1.276	1.276	0	%100
128	M102	Z	-2.209	-2.209	0	%100
129	M103	X	0	0	0	%100
130	M103	Z	0	0	0	%100
131	M104	X	0	0	0	%100
132	M104	Z	0	0	0	%100
133	M105	X	0	0	0	%100
134	M105	Z	0	0	0	%100
135	M106	X	0	0	0	%100
136	M106	Z	0	0	0	%100
137	M107	X	1.068	1.068	0	%100
138	M107	Z	-1.849	-1.849	0	%100
139	M108	X	1.068	1.068	0	%100
140	M108	Z	-1.849	-1.849	0	%100
141	M109	X	1.068	1.068	0	%100
142	M109	Z	-1.849	-1.849	0	%100
143	M110	X	1.068	1.068	0	%100
144	M110	Z	-1.849	-1.849	0	%100
145	MP4B	X	4.353	4.353	0	%100
146	MP4B	Z	-7.539	-7.539	0	%100
147	MP3B	X	4.353	4.353	0	%100
148	MP3B	Z	-7.539	-7.539	0	%100
149	MP2B	X	5.269	5.269	0	%100
150	MP2B	Z	-9.126	-9.126	0	%100
151	MP1B	X	4.353	4.353	0	%100
152	MP1B	Z	-7.539	-7.539	0	%100
153	M115	X	1.145	1.145	0	%100
154	M115	Z	-1.984	-1.984	0	%100
155	M116	X	1.145	1.145	0	%100
156	M116	Z	-1.984	-1.984	0	%100
157	M117	X	1.145	1.145	0	%100
158	M117	Z	-1.984	-1.984	0	%100
159	M118	X	1.145	1.145	0	%100
160	M118	Z	-1.984	-1.984	0	%100
161	M125	X	6.628	6.628	0	%100
162	M125	Z	-11.48	-11.48	0	%100
163	M126	X	3.405	3.405	0	%100
164	M126	Z	-5.897	-5.897	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,%]
165	M129	X	0	0	0	%100
166	M129	Z	0	0	0	%100
167	M130	X	3.729	3.729	0	%100
168	M130	Z	-6.459	-6.459	0	%100
169	M131	X	3.729	3.729	0	%100
170	M131	Z	-6.459	-6.459	0	%100
171	M130A	X	.006	.006	0	%100
172	M130A	Z	-.011	-.011	0	%100
173	M131A	X	3.118	3.118	0	%100
174	M131A	Z	-5.4	-5.4	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	2.282	2.282	0	%100
2	M1	Z	-1.317	-1.317	0	%100
3	M2	X	2.282	2.282	0	%100
4	M2	Z	-1.317	-1.317	0	%100
5	M13	X	1.488	1.488	0	%100
6	M13	Z	-.859	-.859	0	%100
7	M14	X	1.488	1.488	0	%100
8	M14	Z	-.859	-.859	0	%100
9	M15	X	1.488	1.488	0	%100
10	M15	Z	-.859	-.859	0	%100
11	M16	X	1.488	1.488	0	%100
12	M16	Z	-.859	-.859	0	%100
13	M17	X	.114	.114	0	%100
14	M17	Z	-.066	-.066	0	%100
15	M18	X	.114	.114	0	%100
16	M18	Z	-.066	-.066	0	%100
17	M19	X	5.001	5.001	0	%100
18	M19	Z	-2.888	-2.888	0	%100
19	OVP	X	5.001	5.001	0	%100
20	OVP	Z	-2.888	-2.888	0	%100
21	M21	X	.496	.496	0	%100
22	M21	Z	-.286	-.286	0	%100
23	M22	X	.496	.496	0	%100
24	M22	Z	-.286	-.286	0	%100
25	M23	X	.496	.496	0	%100
26	M23	Z	-.286	-.286	0	%100
27	M24	X	.496	.496	0	%100
28	M24	Z	-.286	-.286	0	%100
29	M25	X	1.54	1.54	0	%100
30	M25	Z	-.889	-.889	0	%100
31	M26	X	1.54	1.54	0	%100
32	M26	Z	-.889	-.889	0	%100
33	M27	X	2.261	2.261	0	%100
34	M27	Z	-1.305	-1.305	0	%100
35	M28	X	2.261	2.261	0	%100
36	M28	Z	-1.305	-1.305	0	%100
37	MP4A	X	7.539	7.539	0	%100
38	MP4A	Z	-4.353	-4.353	0	%100
39	MP3A	X	7.539	7.539	0	%100
40	MP3A	Z	-4.353	-4.353	0	%100
41	MP2A	X	9.126	9.126	0	%100
42	MP2A	Z	-5.269	-5.269	0	%100
43	MP1A	X	7.539	7.539	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,%]
44	MP1A	Z	-4.353	-4.353	0	%100
45	M44	X	1.984	1.984	0	%100
46	M44	Z	-1.145	-1.145	0	%100
47	M45	X	1.984	1.984	0	%100
48	M45	Z	-1.145	-1.145	0	%100
49	M46	X	1.984	1.984	0	%100
50	M46	Z	-1.145	-1.145	0	%100
51	M47	X	1.984	1.984	0	%100
52	M47	Z	-1.145	-1.145	0	%100
53	M43	X	11.48	11.48	0	%100
54	M43	Z	-6.628	-6.628	0	%100
55	M44A	X	9.126	9.126	0	%100
56	M44A	Z	-5.269	-5.269	0	%100
57	M45A	X	9.126	9.126	0	%100
58	M45A	Z	-5.269	-5.269	0	%100
59	M54	X	0	0	0	%100
60	M54	Z	0	0	0	%100
61	M55	X	0	0	0	%100
62	M55	Z	0	0	0	%100
63	M56	X	0	0	0	%100
64	M56	Z	0	0	0	%100
65	M57	X	0	0	0	%100
66	M57	Z	0	0	0	%100
67	M58	X	3.603	3.603	0	%100
68	M58	Z	-2.08	-2.08	0	%100
69	M59	X	3.603	3.603	0	%100
70	M59	Z	-2.08	-2.08	0	%100
71	M60	X	3.603	3.603	0	%100
72	M60	Z	-2.08	-2.08	0	%100
73	M61	X	3.603	3.603	0	%100
74	M61	Z	-2.08	-2.08	0	%100
75	M62	X	1.984	1.984	0	%100
76	M62	Z	-1.145	-1.145	0	%100
77	M63	X	1.984	1.984	0	%100
78	M63	Z	-1.145	-1.145	0	%100
79	M64	X	1.984	1.984	0	%100
80	M64	Z	-1.145	-1.145	0	%100
81	M65	X	1.984	1.984	0	%100
82	M65	Z	-1.145	-1.145	0	%100
83	M66	X	2.055	2.055	0	%100
84	M66	Z	-1.186	-1.186	0	%100
85	M67	X	2.055	2.055	0	%100
86	M67	Z	-1.186	-1.186	0	%100
87	M68	X	2.055	2.055	0	%100
88	M68	Z	-1.186	-1.186	0	%100
89	M69	X	2.055	2.055	0	%100
90	M69	Z	-1.186	-1.186	0	%100
91	MP4C	X	7.539	7.539	0	%100
92	MP4C	Z	-4.353	-4.353	0	%100
93	MP3C	X	7.539	7.539	0	%100
94	MP3C	Z	-4.353	-4.353	0	%100
95	MP2C	X	9.126	9.126	0	%100
96	MP2C	Z	-5.269	-5.269	0	%100
97	MP1C	X	7.539	7.539	0	%100
98	MP1C	Z	-4.353	-4.353	0	%100
99	M74	X	1.984	1.984	0	%100
100	M74	Z	-1.145	-1.145	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,%]
101	M75	X	1.984	1.984	0	%100
102	M75	Z	-1.145	-1.145	0	%100
103	M76	X	1.984	1.984	0	%100
104	M76	Z	-1.145	-1.145	0	%100
105	M77	X	1.984	1.984	0	%100
106	M77	Z	-1.145	-1.145	0	%100
107	M84	X	11.48	11.48	0	%100
108	M84	Z	-6.628	-6.628	0	%100
109	M85	X	2.282	2.282	0	%100
110	M85	Z	-1.317	-1.317	0	%100
111	M86	X	2.282	2.282	0	%100
112	M86	Z	-1.317	-1.317	0	%100
113	M95	X	1.488	1.488	0	%100
114	M95	Z	-.859	-.859	0	%100
115	M96	X	1.488	1.488	0	%100
116	M96	Z	-.859	-.859	0	%100
117	M97	X	1.488	1.488	0	%100
118	M97	Z	-.859	-.859	0	%100
119	M98	X	1.488	1.488	0	%100
120	M98	Z	-.859	-.859	0	%100
121	M99	X	5.001	5.001	0	%100
122	M99	Z	-2.888	-2.888	0	%100
123	M100	X	5.001	5.001	0	%100
124	M100	Z	-2.888	-2.888	0	%100
125	M101	X	.114	.114	0	%100
126	M101	Z	-.066	-.066	0	%100
127	M102	X	.114	.114	0	%100
128	M102	Z	-.066	-.066	0	%100
129	M103	X	.496	.496	0	%100
130	M103	Z	-.286	-.286	0	%100
131	M104	X	.496	.496	0	%100
132	M104	Z	-.286	-.286	0	%100
133	M105	X	.496	.496	0	%100
134	M105	Z	-.286	-.286	0	%100
135	M106	X	.496	.496	0	%100
136	M106	Z	-.286	-.286	0	%100
137	M107	X	2.261	2.261	0	%100
138	M107	Z	-1.305	-1.305	0	%100
139	M108	X	2.261	2.261	0	%100
140	M108	Z	-1.305	-1.305	0	%100
141	M109	X	1.54	1.54	0	%100
142	M109	Z	-.889	-.889	0	%100
143	M110	X	1.54	1.54	0	%100
144	M110	Z	-.889	-.889	0	%100
145	MP4B	X	7.539	7.539	0	%100
146	MP4B	Z	-4.353	-4.353	0	%100
147	MP3B	X	7.539	7.539	0	%100
148	MP3B	Z	-4.353	-4.353	0	%100
149	MP2B	X	9.126	9.126	0	%100
150	MP2B	Z	-5.269	-5.269	0	%100
151	MP1B	X	7.539	7.539	0	%100
152	MP1B	Z	-4.353	-4.353	0	%100
153	M115	X	1.984	1.984	0	%100
154	M115	Z	-1.145	-1.145	0	%100
155	M116	X	1.984	1.984	0	%100
156	M116	Z	-1.145	-1.145	0	%100
157	M117	X	1.984	1.984	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,%]
158	M117	Z	-1.145	-1.145	0	%100
159	M118	X	1.984	1.984	0	%100
160	M118	Z	-1.145	-1.145	0	%100
161	M125	X	11.48	11.48	0	%100
162	M125	Z	-6.628	-6.628	0	%100
163	M126	X	7.528	7.528	0	%100
164	M126	Z	-4.346	-4.346	0	%100
165	M129	X	2.153	2.153	0	%100
166	M129	Z	-1.243	-1.243	0	%100
167	M130	X	2.153	2.153	0	%100
168	M130	Z	-1.243	-1.243	0	%100
169	M131	X	8.612	8.612	0	%100
170	M131	Z	-4.972	-4.972	0	%100
171	M130A	X	2.139	2.139	0	%100
172	M130A	Z	-1.235	-1.235	0	%100
173	M131A	X	1.642	1.642	0	%100
174	M131A	Z	-.948	-.948	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M13	X	2.291	2.291	0	%100
6	M13	Z	0	0	0	%100
7	M14	X	2.291	2.291	0	%100
8	M14	Z	0	0	0	%100
9	M15	X	2.291	2.291	0	%100
10	M15	Z	0	0	0	%100
11	M16	X	2.291	2.291	0	%100
12	M16	Z	0	0	0	%100
13	M17	X	2.551	2.551	0	%100
14	M17	Z	0	0	0	%100
15	M18	X	2.551	2.551	0	%100
16	M18	Z	0	0	0	%100
17	M19	X	2.551	2.551	0	%100
18	M19	Z	0	0	0	%100
19	OVP	X	2.551	2.551	0	%100
20	OVP	Z	0	0	0	%100
21	M21	X	0	0	0	%100
22	M21	Z	0	0	0	%100
23	M22	X	0	0	0	%100
24	M22	Z	0	0	0	%100
25	M23	X	0	0	0	%100
26	M23	Z	0	0	0	%100
27	M24	X	0	0	0	%100
28	M24	Z	0	0	0	%100
29	M25	X	2.135	2.135	0	%100
30	M25	Z	0	0	0	%100
31	M26	X	2.135	2.135	0	%100
32	M26	Z	0	0	0	%100
33	M27	X	2.135	2.135	0	%100
34	M27	Z	0	0	0	%100
35	M28	X	2.135	2.135	0	%100
36	M28	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
37	MP4A	X	8.705	8.705	0	%100
38	MP4A	Z	0	0	0	%100
39	MP3A	X	8.705	8.705	0	%100
40	MP3A	Z	0	0	0	%100
41	MP2A	X	10.538	10.538	0	%100
42	MP2A	Z	0	0	0	%100
43	MP1A	X	8.705	8.705	0	%100
44	MP1A	Z	0	0	0	%100
45	M44	X	2.291	2.291	0	%100
46	M44	Z	0	0	0	%100
47	M45	X	2.291	2.291	0	%100
48	M45	Z	0	0	0	%100
49	M46	X	2.291	2.291	0	%100
50	M46	Z	0	0	0	%100
51	M47	X	2.291	2.291	0	%100
52	M47	Z	0	0	0	%100
53	M43	X	13.256	13.256	0	%100
54	M43	Z	0	0	0	%100
55	M44A	X	7.904	7.904	0	%100
56	M44A	Z	0	0	0	%100
57	M45A	X	7.904	7.904	0	%100
58	M45A	Z	0	0	0	%100
59	M54	X	.573	.573	0	%100
60	M54	Z	0	0	0	%100
61	M55	X	.573	.573	0	%100
62	M55	Z	0	0	0	%100
63	M56	X	.573	.573	0	%100
64	M56	Z	0	0	0	%100
65	M57	X	.573	.573	0	%100
66	M57	Z	0	0	0	%100
67	M58	X	.937	.937	0	%100
68	M58	Z	0	0	0	%100
69	M59	X	.937	.937	0	%100
70	M59	Z	0	0	0	%100
71	M60	X	6.58	6.58	0	%100
72	M60	Z	0	0	0	%100
73	M61	X	6.58	6.58	0	%100
74	M61	Z	0	0	0	%100
75	M62	X	1.718	1.718	0	%100
76	M62	Z	0	0	0	%100
77	M63	X	1.718	1.718	0	%100
78	M63	Z	0	0	0	%100
79	M64	X	1.718	1.718	0	%100
80	M64	Z	0	0	0	%100
81	M65	X	1.718	1.718	0	%100
82	M65	Z	0	0	0	%100
83	M66	X	1.897	1.897	0	%100
84	M66	Z	0	0	0	%100
85	M67	X	1.897	1.897	0	%100
86	M67	Z	0	0	0	%100
87	M68	X	2.73	2.73	0	%100
88	M68	Z	0	0	0	%100
89	M69	X	2.73	2.73	0	%100
90	M69	Z	0	0	0	%100
91	MP4C	X	8.705	8.705	0	%100
92	MP4C	Z	0	0	0	%100
93	MP3C	X	8.705	8.705	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,%]
94	MP3C	Z	0	0	0	%100
95	MP2C	X	10.538	10.538	0	%100
96	MP2C	Z	0	0	0	%100
97	MP1C	X	8.705	8.705	0	%100
98	MP1C	Z	0	0	0	%100
99	M74	X	2.291	2.291	0	%100
100	M74	Z	0	0	0	%100
101	M75	X	2.291	2.291	0	%100
102	M75	Z	0	0	0	%100
103	M76	X	2.291	2.291	0	%100
104	M76	Z	0	0	0	%100
105	M77	X	2.291	2.291	0	%100
106	M77	Z	0	0	0	%100
107	M84	X	13.256	13.256	0	%100
108	M84	Z	0	0	0	%100
109	M85	X	7.904	7.904	0	%100
110	M85	Z	0	0	0	%100
111	M86	X	7.904	7.904	0	%100
112	M86	Z	0	0	0	%100
113	M95	X	.573	.573	0	%100
114	M95	Z	0	0	0	%100
115	M96	X	.573	.573	0	%100
116	M96	Z	0	0	0	%100
117	M97	X	.573	.573	0	%100
118	M97	Z	0	0	0	%100
119	M98	X	.573	.573	0	%100
120	M98	Z	0	0	0	%100
121	M99	X	6.58	6.58	0	%100
122	M99	Z	0	0	0	%100
123	M100	X	6.58	6.58	0	%100
124	M100	Z	0	0	0	%100
125	M101	X	.937	.937	0	%100
126	M101	Z	0	0	0	%100
127	M102	X	.937	.937	0	%100
128	M102	Z	0	0	0	%100
129	M103	X	1.718	1.718	0	%100
130	M103	Z	0	0	0	%100
131	M104	X	1.718	1.718	0	%100
132	M104	Z	0	0	0	%100
133	M105	X	1.718	1.718	0	%100
134	M105	Z	0	0	0	%100
135	M106	X	1.718	1.718	0	%100
136	M106	Z	0	0	0	%100
137	M107	X	2.73	2.73	0	%100
138	M107	Z	0	0	0	%100
139	M108	X	2.73	2.73	0	%100
140	M108	Z	0	0	0	%100
141	M109	X	1.897	1.897	0	%100
142	M109	Z	0	0	0	%100
143	M110	X	1.897	1.897	0	%100
144	M110	Z	0	0	0	%100
145	MP4B	X	8.705	8.705	0	%100
146	MP4B	Z	0	0	0	%100
147	MP3B	X	8.705	8.705	0	%100
148	MP3B	Z	0	0	0	%100
149	MP2B	X	10.538	10.538	0	%100
150	MP2B	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
151	MP1B	X	8.705	8.705	0	%100
152	MP1B	Z	0	0	0	%100
153	M115	X	2.291	2.291	0	%100
154	M115	Z	0	0	0	%100
155	M116	X	2.291	2.291	0	%100
156	M116	Z	0	0	0	%100
157	M117	X	2.291	2.291	0	%100
158	M117	Z	0	0	0	%100
159	M118	X	2.291	2.291	0	%100
160	M118	Z	0	0	0	%100
161	M125	X	13.256	13.256	0	%100
162	M125	Z	0	0	0	%100
163	M126	X	6.236	6.236	0	%100
164	M126	Z	0	0	0	%100
165	M129	X	7.458	7.458	0	%100
166	M129	Z	0	0	0	%100
167	M130	X	0	0	0	%100
168	M130	Z	0	0	0	%100
169	M131	X	7.458	7.458	0	%100
170	M131	Z	0	0	0	%100
171	M130A	X	6.81	6.81	0	%100
172	M130A	Z	0	0	0	%100
173	M131A	X	.013	.013	0	%100
174	M131A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	2.282	2.282	0	%100
2	M1	Z	1.317	1.317	0	%100
3	M2	X	2.282	2.282	0	%100
4	M2	Z	1.317	1.317	0	%100
5	M13	X	1.488	1.488	0	%100
6	M13	Z	.859	.859	0	%100
7	M14	X	1.488	1.488	0	%100
8	M14	Z	.859	.859	0	%100
9	M15	X	1.488	1.488	0	%100
10	M15	Z	.859	.859	0	%100
11	M16	X	1.488	1.488	0	%100
12	M16	Z	.859	.859	0	%100
13	M17	X	5.001	5.001	0	%100
14	M17	Z	2.888	2.888	0	%100
15	M18	X	5.001	5.001	0	%100
16	M18	Z	2.888	2.888	0	%100
17	M19	X	.114	.114	0	%100
18	M19	Z	.066	.066	0	%100
19	OVP	X	.114	.114	0	%100
20	OVP	Z	.066	.066	0	%100
21	M21	X	.496	.496	0	%100
22	M21	Z	.286	.286	0	%100
23	M22	X	.496	.496	0	%100
24	M22	Z	.286	.286	0	%100
25	M23	X	.496	.496	0	%100
26	M23	Z	.286	.286	0	%100
27	M24	X	.496	.496	0	%100
28	M24	Z	.286	.286	0	%100
29	M25	X	2.261	2.261	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	M25	Z	1.305	1.305	0	%100
31	M26	X	2.261	2.261	0	%100
32	M26	Z	1.305	1.305	0	%100
33	M27	X	1.54	1.54	0	%100
34	M27	Z	.889	.889	0	%100
35	M28	X	1.54	1.54	0	%100
36	M28	Z	.889	.889	0	%100
37	MP4A	X	7.539	7.539	0	%100
38	MP4A	Z	4.353	4.353	0	%100
39	MP3A	X	7.539	7.539	0	%100
40	MP3A	Z	4.353	4.353	0	%100
41	MP2A	X	9.126	9.126	0	%100
42	MP2A	Z	5.269	5.269	0	%100
43	MP1A	X	7.539	7.539	0	%100
44	MP1A	Z	4.353	4.353	0	%100
45	M44	X	1.984	1.984	0	%100
46	M44	Z	1.145	1.145	0	%100
47	M45	X	1.984	1.984	0	%100
48	M45	Z	1.145	1.145	0	%100
49	M46	X	1.984	1.984	0	%100
50	M46	Z	1.145	1.145	0	%100
51	M47	X	1.984	1.984	0	%100
52	M47	Z	1.145	1.145	0	%100
53	M43	X	11.48	11.48	0	%100
54	M43	Z	6.628	6.628	0	%100
55	M44A	X	2.282	2.282	0	%100
56	M44A	Z	1.317	1.317	0	%100
57	M45A	X	2.282	2.282	0	%100
58	M45A	Z	1.317	1.317	0	%100
59	M54	X	1.488	1.488	0	%100
60	M54	Z	.859	.859	0	%100
61	M55	X	1.488	1.488	0	%100
62	M55	Z	.859	.859	0	%100
63	M56	X	1.488	1.488	0	%100
64	M56	Z	.859	.859	0	%100
65	M57	X	1.488	1.488	0	%100
66	M57	Z	.859	.859	0	%100
67	M58	X	.114	.114	0	%100
68	M58	Z	.066	.066	0	%100
69	M59	X	.114	.114	0	%100
70	M59	Z	.066	.066	0	%100
71	M60	X	5.001	5.001	0	%100
72	M60	Z	2.888	2.888	0	%100
73	M61	X	5.001	5.001	0	%100
74	M61	Z	2.888	2.888	0	%100
75	M62	X	.496	.496	0	%100
76	M62	Z	.286	.286	0	%100
77	M63	X	.496	.496	0	%100
78	M63	Z	.286	.286	0	%100
79	M64	X	.496	.496	0	%100
80	M64	Z	.286	.286	0	%100
81	M65	X	.496	.496	0	%100
82	M65	Z	.286	.286	0	%100
83	M66	X	1.54	1.54	0	%100
84	M66	Z	.889	.889	0	%100
85	M67	X	1.54	1.54	0	%100
86	M67	Z	.889	.889	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,%]
87	M68	X	2.261	2.261	0	%100
88	M68	Z	1.305	1.305	0	%100
89	M69	X	2.261	2.261	0	%100
90	M69	Z	1.305	1.305	0	%100
91	MP4C	X	7.539	7.539	0	%100
92	MP4C	Z	4.353	4.353	0	%100
93	MP3C	X	7.539	7.539	0	%100
94	MP3C	Z	4.353	4.353	0	%100
95	MP2C	X	9.126	9.126	0	%100
96	MP2C	Z	5.269	5.269	0	%100
97	MP1C	X	7.539	7.539	0	%100
98	MP1C	Z	4.353	4.353	0	%100
99	M74	X	1.984	1.984	0	%100
100	M74	Z	1.145	1.145	0	%100
101	M75	X	1.984	1.984	0	%100
102	M75	Z	1.145	1.145	0	%100
103	M76	X	1.984	1.984	0	%100
104	M76	Z	1.145	1.145	0	%100
105	M77	X	1.984	1.984	0	%100
106	M77	Z	1.145	1.145	0	%100
107	M84	X	11.48	11.48	0	%100
108	M84	Z	6.628	6.628	0	%100
109	M85	X	9.126	9.126	0	%100
110	M85	Z	5.269	5.269	0	%100
111	M86	X	9.126	9.126	0	%100
112	M86	Z	5.269	5.269	0	%100
113	M95	X	0	0	0	%100
114	M95	Z	0	0	0	%100
115	M96	X	0	0	0	%100
116	M96	Z	0	0	0	%100
117	M97	X	0	0	0	%100
118	M97	Z	0	0	0	%100
119	M98	X	0	0	0	%100
120	M98	Z	0	0	0	%100
121	M99	X	3.603	3.603	0	%100
122	M99	Z	2.08	2.08	0	%100
123	M100	X	3.603	3.603	0	%100
124	M100	Z	2.08	2.08	0	%100
125	M101	X	3.603	3.603	0	%100
126	M101	Z	2.08	2.08	0	%100
127	M102	X	3.603	3.603	0	%100
128	M102	Z	2.08	2.08	0	%100
129	M103	X	1.984	1.984	0	%100
130	M103	Z	1.145	1.145	0	%100
131	M104	X	1.984	1.984	0	%100
132	M104	Z	1.145	1.145	0	%100
133	M105	X	1.984	1.984	0	%100
134	M105	Z	1.145	1.145	0	%100
135	M106	X	1.984	1.984	0	%100
136	M106	Z	1.145	1.145	0	%100
137	M107	X	2.055	2.055	0	%100
138	M107	Z	1.186	1.186	0	%100
139	M108	X	2.055	2.055	0	%100
140	M108	Z	1.186	1.186	0	%100
141	M109	X	2.055	2.055	0	%100
142	M109	Z	1.186	1.186	0	%100
143	M110	X	2.055	2.055	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,%]
144	M110	Z	1.186	1.186	0	%100
145	MP4B	X	7.539	7.539	0	%100
146	MP4B	Z	4.353	4.353	0	%100
147	MP3B	X	7.539	7.539	0	%100
148	MP3B	Z	4.353	4.353	0	%100
149	MP2B	X	9.126	9.126	0	%100
150	MP2B	Z	5.269	5.269	0	%100
151	MP1B	X	7.539	7.539	0	%100
152	MP1B	Z	4.353	4.353	0	%100
153	M115	X	1.984	1.984	0	%100
154	M115	Z	1.145	1.145	0	%100
155	M116	X	1.984	1.984	0	%100
156	M116	Z	1.145	1.145	0	%100
157	M117	X	1.984	1.984	0	%100
158	M117	Z	1.145	1.145	0	%100
159	M118	X	1.984	1.984	0	%100
160	M118	Z	1.145	1.145	0	%100
161	M125	X	11.48	11.48	0	%100
162	M125	Z	6.628	6.628	0	%100
163	M126	X	1.642	1.642	0	%100
164	M126	Z	.948	.948	0	%100
165	M129	X	8.612	8.612	0	%100
166	M129	Z	4.972	4.972	0	%100
167	M130	X	2.153	2.153	0	%100
168	M130	Z	1.243	1.243	0	%100
169	M131	X	2.153	2.153	0	%100
170	M131	Z	1.243	1.243	0	%100
171	M130A	X	7.528	7.528	0	%100
172	M130A	Z	4.346	4.346	0	%100
173	M131A	X	2.139	2.139	0	%100
174	M131A	Z	1.235	1.235	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	3.952	3.952	0	%100
2	M1	Z	6.845	6.845	0	%100
3	M2	X	3.952	3.952	0	%100
4	M2	Z	6.845	6.845	0	%100
5	M13	X	.286	.286	0	%100
6	M13	Z	.496	.496	0	%100
7	M14	X	.286	.286	0	%100
8	M14	Z	.496	.496	0	%100
9	M15	X	.286	.286	0	%100
10	M15	Z	.496	.496	0	%100
11	M16	X	.286	.286	0	%100
12	M16	Z	.496	.496	0	%100
13	M17	X	3.29	3.29	0	%100
14	M17	Z	5.698	5.698	0	%100
15	M18	X	3.29	3.29	0	%100
16	M18	Z	5.698	5.698	0	%100
17	M19	X	.468	.468	0	%100
18	M19	Z	.811	.811	0	%100
19	OVP	X	.468	.468	0	%100
20	OVP	Z	.811	.811	0	%100
21	M21	X	.859	.859	0	%100
22	M21	Z	1.488	1.488	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,%]
23	M22	X	.859	.859	0	%100
24	M22	Z	1.488	1.488	0	%100
25	M23	X	.859	.859	0	%100
26	M23	Z	1.488	1.488	0	%100
27	M24	X	.859	.859	0	%100
28	M24	Z	1.488	1.488	0	%100
29	M25	X	1.365	1.365	0	%100
30	M25	Z	2.364	2.364	0	%100
31	M26	X	1.365	1.365	0	%100
32	M26	Z	2.364	2.364	0	%100
33	M27	X	.949	.949	0	%100
34	M27	Z	1.643	1.643	0	%100
35	M28	X	.949	.949	0	%100
36	M28	Z	1.643	1.643	0	%100
37	MP4A	X	4.353	4.353	0	%100
38	MP4A	Z	7.539	7.539	0	%100
39	MP3A	X	4.353	4.353	0	%100
40	MP3A	Z	7.539	7.539	0	%100
41	MP2A	X	5.269	5.269	0	%100
42	MP2A	Z	9.126	9.126	0	%100
43	MP1A	X	4.353	4.353	0	%100
44	MP1A	Z	7.539	7.539	0	%100
45	M44	X	1.145	1.145	0	%100
46	M44	Z	1.984	1.984	0	%100
47	M45	X	1.145	1.145	0	%100
48	M45	Z	1.984	1.984	0	%100
49	M46	X	1.145	1.145	0	%100
50	M46	Z	1.984	1.984	0	%100
51	M47	X	1.145	1.145	0	%100
52	M47	Z	1.984	1.984	0	%100
53	M43	X	6.628	6.628	0	%100
54	M43	Z	11.48	11.48	0	%100
55	M44A	X	0	0	0	%100
56	M44A	Z	0	0	0	%100
57	M45A	X	0	0	0	%100
58	M45A	Z	0	0	0	%100
59	M54	X	1.145	1.145	0	%100
60	M54	Z	1.984	1.984	0	%100
61	M55	X	1.145	1.145	0	%100
62	M55	Z	1.984	1.984	0	%100
63	M56	X	1.145	1.145	0	%100
64	M56	Z	1.984	1.984	0	%100
65	M57	X	1.145	1.145	0	%100
66	M57	Z	1.984	1.984	0	%100
67	M58	X	1.276	1.276	0	%100
68	M58	Z	2.209	2.209	0	%100
69	M59	X	1.276	1.276	0	%100
70	M59	Z	2.209	2.209	0	%100
71	M60	X	1.276	1.276	0	%100
72	M60	Z	2.209	2.209	0	%100
73	M61	X	1.276	1.276	0	%100
74	M61	Z	2.209	2.209	0	%100
75	M62	X	0	0	0	%100
76	M62	Z	0	0	0	%100
77	M63	X	0	0	0	%100
78	M63	Z	0	0	0	%100
79	M64	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,%]
80	M64	Z	0	0	0	%100
81	M65	X	0	0	0	%100
82	M65	Z	0	0	0	%100
83	M66	X	1.068	1.068	0	%100
84	M66	Z	1.849	1.849	0	%100
85	M67	X	1.068	1.068	0	%100
86	M67	Z	1.849	1.849	0	%100
87	M68	X	1.068	1.068	0	%100
88	M68	Z	1.849	1.849	0	%100
89	M69	X	1.068	1.068	0	%100
90	M69	Z	1.849	1.849	0	%100
91	MP4C	X	4.353	4.353	0	%100
92	MP4C	Z	7.539	7.539	0	%100
93	MP3C	X	4.353	4.353	0	%100
94	MP3C	Z	7.539	7.539	0	%100
95	MP2C	X	5.269	5.269	0	%100
96	MP2C	Z	9.126	9.126	0	%100
97	MP1C	X	4.353	4.353	0	%100
98	MP1C	Z	7.539	7.539	0	%100
99	M74	X	1.145	1.145	0	%100
100	M74	Z	1.984	1.984	0	%100
101	M75	X	1.145	1.145	0	%100
102	M75	Z	1.984	1.984	0	%100
103	M76	X	1.145	1.145	0	%100
104	M76	Z	1.984	1.984	0	%100
105	M77	X	1.145	1.145	0	%100
106	M77	Z	1.984	1.984	0	%100
107	M84	X	6.628	6.628	0	%100
108	M84	Z	11.48	11.48	0	%100
109	M85	X	3.952	3.952	0	%100
110	M85	Z	6.845	6.845	0	%100
111	M86	X	3.952	3.952	0	%100
112	M86	Z	6.845	6.845	0	%100
113	M95	X	.286	.286	0	%100
114	M95	Z	.496	.496	0	%100
115	M96	X	.286	.286	0	%100
116	M96	Z	.496	.496	0	%100
117	M97	X	.286	.286	0	%100
118	M97	Z	.496	.496	0	%100
119	M98	X	.286	.286	0	%100
120	M98	Z	.496	.496	0	%100
121	M99	X	.468	.468	0	%100
122	M99	Z	.811	.811	0	%100
123	M100	X	.468	.468	0	%100
124	M100	Z	.811	.811	0	%100
125	M101	X	3.29	3.29	0	%100
126	M101	Z	5.698	5.698	0	%100
127	M102	X	3.29	3.29	0	%100
128	M102	Z	5.698	5.698	0	%100
129	M103	X	.859	.859	0	%100
130	M103	Z	1.488	1.488	0	%100
131	M104	X	.859	.859	0	%100
132	M104	Z	1.488	1.488	0	%100
133	M105	X	.859	.859	0	%100
134	M105	Z	1.488	1.488	0	%100
135	M106	X	.859	.859	0	%100
136	M106	Z	1.488	1.488	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,%]
137	M107	X	.949	.949	0	%100
138	M107	Z	1.643	1.643	0	%100
139	M108	X	.949	.949	0	%100
140	M108	Z	1.643	1.643	0	%100
141	M109	X	1.365	1.365	0	%100
142	M109	Z	2.364	2.364	0	%100
143	M110	X	1.365	1.365	0	%100
144	M110	Z	2.364	2.364	0	%100
145	MP4B	X	4.353	4.353	0	%100
146	MP4B	Z	7.539	7.539	0	%100
147	MP3B	X	4.353	4.353	0	%100
148	MP3B	Z	7.539	7.539	0	%100
149	MP2B	X	5.269	5.269	0	%100
150	MP2B	Z	9.126	9.126	0	%100
151	MP1B	X	4.353	4.353	0	%100
152	MP1B	Z	7.539	7.539	0	%100
153	M115	X	1.145	1.145	0	%100
154	M115	Z	1.984	1.984	0	%100
155	M116	X	1.145	1.145	0	%100
156	M116	Z	1.984	1.984	0	%100
157	M117	X	1.145	1.145	0	%100
158	M117	Z	1.984	1.984	0	%100
159	M118	X	1.145	1.145	0	%100
160	M118	Z	1.984	1.984	0	%100
161	M125	X	6.628	6.628	0	%100
162	M125	Z	11.48	11.48	0	%100
163	M126	X	.006	.006	0	%100
164	M126	Z	.011	.011	0	%100
165	M129	X	3.729	3.729	0	%100
166	M129	Z	6.459	6.459	0	%100
167	M130	X	3.729	3.729	0	%100
168	M130	Z	6.459	6.459	0	%100
169	M131	X	0	0	0	%100
170	M131	Z	0	0	0	%100
171	M130A	X	3.118	3.118	0	%100
172	M130A	Z	5.4	5.4	0	%100
173	M131A	X	3.405	3.405	0	%100
174	M131A	Z	5.897	5.897	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	10.538	10.538	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	10.538	10.538	0	%100
5	M13	X	0	0	0	%100
6	M13	Z	0	0	0	%100
7	M14	X	0	0	0	%100
8	M14	Z	0	0	0	%100
9	M15	X	0	0	0	%100
10	M15	Z	0	0	0	%100
11	M16	X	0	0	0	%100
12	M16	Z	0	0	0	%100
13	M17	X	0	0	0	%100
14	M17	Z	4.161	4.161	0	%100
15	M18	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
16	M18	Z	4.161	4.161	0	%100
17	M19	X	0	0	0	%100
18	M19	Z	4.161	4.161	0	%100
19	OVP	X	0	0	0	%100
20	OVP	Z	4.161	4.161	0	%100
21	M21	X	0	0	0	%100
22	M21	Z	2.291	2.291	0	%100
23	M22	X	0	0	0	%100
24	M22	Z	2.291	2.291	0	%100
25	M23	X	0	0	0	%100
26	M23	Z	2.291	2.291	0	%100
27	M24	X	0	0	0	%100
28	M24	Z	2.291	2.291	0	%100
29	M25	X	0	0	0	%100
30	M25	Z	2.373	2.373	0	%100
31	M26	X	0	0	0	%100
32	M26	Z	2.373	2.373	0	%100
33	M27	X	0	0	0	%100
34	M27	Z	2.373	2.373	0	%100
35	M28	X	0	0	0	%100
36	M28	Z	2.373	2.373	0	%100
37	MP4A	X	0	0	0	%100
38	MP4A	Z	8.705	8.705	0	%100
39	MP3A	X	0	0	0	%100
40	MP3A	Z	8.705	8.705	0	%100
41	MP2A	X	0	0	0	%100
42	MP2A	Z	10.538	10.538	0	%100
43	MP1A	X	0	0	0	%100
44	MP1A	Z	8.705	8.705	0	%100
45	M44	X	0	0	0	%100
46	M44	Z	2.291	2.291	0	%100
47	M45	X	0	0	0	%100
48	M45	Z	2.291	2.291	0	%100
49	M46	X	0	0	0	%100
50	M46	Z	2.291	2.291	0	%100
51	M47	X	0	0	0	%100
52	M47	Z	2.291	2.291	0	%100
53	M43	X	0	0	0	%100
54	M43	Z	13.256	13.256	0	%100
55	M44A	X	0	0	0	%100
56	M44A	Z	2.635	2.635	0	%100
57	M45A	X	0	0	0	%100
58	M45A	Z	2.635	2.635	0	%100
59	M54	X	0	0	0	%100
60	M54	Z	1.718	1.718	0	%100
61	M55	X	0	0	0	%100
62	M55	Z	1.718	1.718	0	%100
63	M56	X	0	0	0	%100
64	M56	Z	1.718	1.718	0	%100
65	M57	X	0	0	0	%100
66	M57	Z	1.718	1.718	0	%100
67	M58	X	0	0	0	%100
68	M58	Z	5.775	5.775	0	%100
69	M59	X	0	0	0	%100
70	M59	Z	5.775	5.775	0	%100
71	M60	X	0	0	0	%100
72	M60	Z	.132	.132	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,%]
73	M61	X	0	0	0	%100
74	M61	Z	.132	.132	0	%100
75	M62	X	0	0	0	%100
76	M62	Z	.573	.573	0	%100
77	M63	X	0	0	0	%100
78	M63	Z	.573	.573	0	%100
79	M64	X	0	0	0	%100
80	M64	Z	.573	.573	0	%100
81	M65	X	0	0	0	%100
82	M65	Z	.573	.573	0	%100
83	M66	X	0	0	0	%100
84	M66	Z	2.611	2.611	0	%100
85	M67	X	0	0	0	%100
86	M67	Z	2.611	2.611	0	%100
87	M68	X	0	0	0	%100
88	M68	Z	1.779	1.779	0	%100
89	M69	X	0	0	0	%100
90	M69	Z	1.779	1.779	0	%100
91	MP4C	X	0	0	0	%100
92	MP4C	Z	8.705	8.705	0	%100
93	MP3C	X	0	0	0	%100
94	MP3C	Z	8.705	8.705	0	%100
95	MP2C	X	0	0	0	%100
96	MP2C	Z	10.538	10.538	0	%100
97	MP1C	X	0	0	0	%100
98	MP1C	Z	8.705	8.705	0	%100
99	M74	X	0	0	0	%100
100	M74	Z	2.291	2.291	0	%100
101	M75	X	0	0	0	%100
102	M75	Z	2.291	2.291	0	%100
103	M76	X	0	0	0	%100
104	M76	Z	2.291	2.291	0	%100
105	M77	X	0	0	0	%100
106	M77	Z	2.291	2.291	0	%100
107	M84	X	0	0	0	%100
108	M84	Z	13.256	13.256	0	%100
109	M85	X	0	0	0	%100
110	M85	Z	2.635	2.635	0	%100
111	M86	X	0	0	0	%100
112	M86	Z	2.635	2.635	0	%100
113	M95	X	0	0	0	%100
114	M95	Z	1.718	1.718	0	%100
115	M96	X	0	0	0	%100
116	M96	Z	1.718	1.718	0	%100
117	M97	X	0	0	0	%100
118	M97	Z	1.718	1.718	0	%100
119	M98	X	0	0	0	%100
120	M98	Z	1.718	1.718	0	%100
121	M99	X	0	0	0	%100
122	M99	Z	.132	.132	0	%100
123	M100	X	0	0	0	%100
124	M100	Z	.132	.132	0	%100
125	M101	X	0	0	0	%100
126	M101	Z	5.775	5.775	0	%100
127	M102	X	0	0	0	%100
128	M102	Z	5.775	5.775	0	%100
129	M103	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
130	M103	Z	.573	.573	0	%100
131	M104	X	0	0	0	%100
132	M104	Z	.573	.573	0	%100
133	M105	X	0	0	0	%100
134	M105	Z	.573	.573	0	%100
135	M106	X	0	0	0	%100
136	M106	Z	.573	.573	0	%100
137	M107	X	0	0	0	%100
138	M107	Z	1.779	1.779	0	%100
139	M108	X	0	0	0	%100
140	M108	Z	1.779	1.779	0	%100
141	M109	X	0	0	0	%100
142	M109	Z	2.611	2.611	0	%100
143	M110	X	0	0	0	%100
144	M110	Z	2.611	2.611	0	%100
145	MP4B	X	0	0	0	%100
146	MP4B	Z	8.705	8.705	0	%100
147	MP3B	X	0	0	0	%100
148	MP3B	Z	8.705	8.705	0	%100
149	MP2B	X	0	0	0	%100
150	MP2B	Z	10.538	10.538	0	%100
151	MP1B	X	0	0	0	%100
152	MP1B	Z	8.705	8.705	0	%100
153	M115	X	0	0	0	%100
154	M115	Z	2.291	2.291	0	%100
155	M116	X	0	0	0	%100
156	M116	Z	2.291	2.291	0	%100
157	M117	X	0	0	0	%100
158	M117	Z	2.291	2.291	0	%100
159	M118	X	0	0	0	%100
160	M118	Z	2.291	2.291	0	%100
161	M125	X	0	0	0	%100
162	M125	Z	13.256	13.256	0	%100
163	M126	X	0	0	0	%100
164	M126	Z	2.47	2.47	0	%100
165	M129	X	0	0	0	%100
166	M129	Z	2.486	2.486	0	%100
167	M130	X	0	0	0	%100
168	M130	Z	9.944	9.944	0	%100
169	M131	X	0	0	0	%100
170	M131	Z	2.486	2.486	0	%100
171	M130A	X	0	0	0	%100
172	M130A	Z	1.896	1.896	0	%100
173	M131A	X	0	0	0	%100
174	M131A	Z	8.693	8.693	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-3.952	-3.952	0	%100
2	M1	Z	6.845	6.845	0	%100
3	M2	X	-3.952	-3.952	0	%100
4	M2	Z	6.845	6.845	0	%100
5	M13	X	-.286	-.286	0	%100
6	M13	Z	.496	.496	0	%100
7	M14	X	-.286	-.286	0	%100
8	M14	Z	.496	.496	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,%]
9	M15	X	-.286	-.286	0	%100
10	M15	Z	.496	.496	0	%100
11	M16	X	-.286	-.286	0	%100
12	M16	Z	.496	.496	0	%100
13	M17	X	-.468	-.468	0	%100
14	M17	Z	.811	.811	0	%100
15	M18	X	-.468	-.468	0	%100
16	M18	Z	.811	.811	0	%100
17	M19	X	-3.29	-3.29	0	%100
18	M19	Z	5.698	5.698	0	%100
19	OVP	X	-3.29	-3.29	0	%100
20	OVP	Z	5.698	5.698	0	%100
21	M21	X	-.859	-.859	0	%100
22	M21	Z	1.488	1.488	0	%100
23	M22	X	-.859	-.859	0	%100
24	M22	Z	1.488	1.488	0	%100
25	M23	X	-.859	-.859	0	%100
26	M23	Z	1.488	1.488	0	%100
27	M24	X	-.859	-.859	0	%100
28	M24	Z	1.488	1.488	0	%100
29	M25	X	-.949	-.949	0	%100
30	M25	Z	1.643	1.643	0	%100
31	M26	X	-.949	-.949	0	%100
32	M26	Z	1.643	1.643	0	%100
33	M27	X	-1.365	-1.365	0	%100
34	M27	Z	2.364	2.364	0	%100
35	M28	X	-1.365	-1.365	0	%100
36	M28	Z	2.364	2.364	0	%100
37	MP4A	X	-4.353	-4.353	0	%100
38	MP4A	Z	7.539	7.539	0	%100
39	MP3A	X	-4.353	-4.353	0	%100
40	MP3A	Z	7.539	7.539	0	%100
41	MP2A	X	-5.269	-5.269	0	%100
42	MP2A	Z	9.126	9.126	0	%100
43	MP1A	X	-4.353	-4.353	0	%100
44	MP1A	Z	7.539	7.539	0	%100
45	M44	X	-1.145	-1.145	0	%100
46	M44	Z	1.984	1.984	0	%100
47	M45	X	-1.145	-1.145	0	%100
48	M45	Z	1.984	1.984	0	%100
49	M46	X	-1.145	-1.145	0	%100
50	M46	Z	1.984	1.984	0	%100
51	M47	X	-1.145	-1.145	0	%100
52	M47	Z	1.984	1.984	0	%100
53	M43	X	-6.628	-6.628	0	%100
54	M43	Z	11.48	11.48	0	%100
55	M44A	X	-3.952	-3.952	0	%100
56	M44A	Z	6.845	6.845	0	%100
57	M45A	X	-3.952	-3.952	0	%100
58	M45A	Z	6.845	6.845	0	%100
59	M54	X	-.286	-.286	0	%100
60	M54	Z	.496	.496	0	%100
61	M55	X	-.286	-.286	0	%100
62	M55	Z	.496	.496	0	%100
63	M56	X	-.286	-.286	0	%100
64	M56	Z	.496	.496	0	%100
65	M57	X	-.286	-.286	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,%]
66	M57	Z	.496	.496	0	%100
67	M58	X	-3.29	-3.29	0	%100
68	M58	Z	5.698	5.698	0	%100
69	M59	X	-3.29	-3.29	0	%100
70	M59	Z	5.698	5.698	0	%100
71	M60	X	-.468	-.468	0	%100
72	M60	Z	.811	.811	0	%100
73	M61	X	-.468	-.468	0	%100
74	M61	Z	.811	.811	0	%100
75	M62	X	-.859	-.859	0	%100
76	M62	Z	1.488	1.488	0	%100
77	M63	X	-.859	-.859	0	%100
78	M63	Z	1.488	1.488	0	%100
79	M64	X	-.859	-.859	0	%100
80	M64	Z	1.488	1.488	0	%100
81	M65	X	-.859	-.859	0	%100
82	M65	Z	1.488	1.488	0	%100
83	M66	X	-1.365	-1.365	0	%100
84	M66	Z	2.364	2.364	0	%100
85	M67	X	-1.365	-1.365	0	%100
86	M67	Z	2.364	2.364	0	%100
87	M68	X	-.949	-.949	0	%100
88	M68	Z	1.643	1.643	0	%100
89	M69	X	-.949	-.949	0	%100
90	M69	Z	1.643	1.643	0	%100
91	MP4C	X	-4.353	-4.353	0	%100
92	MP4C	Z	7.539	7.539	0	%100
93	MP3C	X	-4.353	-4.353	0	%100
94	MP3C	Z	7.539	7.539	0	%100
95	MP2C	X	-5.269	-5.269	0	%100
96	MP2C	Z	9.126	9.126	0	%100
97	MP1C	X	-4.353	-4.353	0	%100
98	MP1C	Z	7.539	7.539	0	%100
99	M74	X	-1.145	-1.145	0	%100
100	M74	Z	1.984	1.984	0	%100
101	M75	X	-1.145	-1.145	0	%100
102	M75	Z	1.984	1.984	0	%100
103	M76	X	-1.145	-1.145	0	%100
104	M76	Z	1.984	1.984	0	%100
105	M77	X	-1.145	-1.145	0	%100
106	M77	Z	1.984	1.984	0	%100
107	M84	X	-6.628	-6.628	0	%100
108	M84	Z	11.48	11.48	0	%100
109	M85	X	0	0	0	%100
110	M85	Z	0	0	0	%100
111	M86	X	0	0	0	%100
112	M86	Z	0	0	0	%100
113	M95	X	-1.145	-1.145	0	%100
114	M95	Z	1.984	1.984	0	%100
115	M96	X	-1.145	-1.145	0	%100
116	M96	Z	1.984	1.984	0	%100
117	M97	X	-1.145	-1.145	0	%100
118	M97	Z	1.984	1.984	0	%100
119	M98	X	-1.145	-1.145	0	%100
120	M98	Z	1.984	1.984	0	%100
121	M99	X	-1.276	-1.276	0	%100
122	M99	Z	2.209	2.209	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,%]
123	M100	X	-1.276	-1.276	0	%100
124	M100	Z	2.209	2.209	0	%100
125	M101	X	-1.276	-1.276	0	%100
126	M101	Z	2.209	2.209	0	%100
127	M102	X	-1.276	-1.276	0	%100
128	M102	Z	2.209	2.209	0	%100
129	M103	X	0	0	0	%100
130	M103	Z	0	0	0	%100
131	M104	X	0	0	0	%100
132	M104	Z	0	0	0	%100
133	M105	X	0	0	0	%100
134	M105	Z	0	0	0	%100
135	M106	X	0	0	0	%100
136	M106	Z	0	0	0	%100
137	M107	X	-1.068	-1.068	0	%100
138	M107	Z	1.849	1.849	0	%100
139	M108	X	-1.068	-1.068	0	%100
140	M108	Z	1.849	1.849	0	%100
141	M109	X	-1.068	-1.068	0	%100
142	M109	Z	1.849	1.849	0	%100
143	M110	X	-1.068	-1.068	0	%100
144	M110	Z	1.849	1.849	0	%100
145	MP4B	X	-4.353	-4.353	0	%100
146	MP4B	Z	7.539	7.539	0	%100
147	MP3B	X	-4.353	-4.353	0	%100
148	MP3B	Z	7.539	7.539	0	%100
149	MP2B	X	-5.269	-5.269	0	%100
150	MP2B	Z	9.126	9.126	0	%100
151	MP1B	X	-4.353	-4.353	0	%100
152	MP1B	Z	7.539	7.539	0	%100
153	M115	X	-1.145	-1.145	0	%100
154	M115	Z	1.984	1.984	0	%100
155	M116	X	-1.145	-1.145	0	%100
156	M116	Z	1.984	1.984	0	%100
157	M117	X	-1.145	-1.145	0	%100
158	M117	Z	1.984	1.984	0	%100
159	M118	X	-1.145	-1.145	0	%100
160	M118	Z	1.984	1.984	0	%100
161	M125	X	-6.628	-6.628	0	%100
162	M125	Z	11.48	11.48	0	%100
163	M126	X	-3.405	-3.405	0	%100
164	M126	Z	5.897	5.897	0	%100
165	M129	X	0	0	0	%100
166	M129	Z	0	0	0	%100
167	M130	X	-3.729	-3.729	0	%100
168	M130	Z	6.459	6.459	0	%100
169	M131	X	-3.729	-3.729	0	%100
170	M131	Z	6.459	6.459	0	%100
171	M130A	X	-.006	-.006	0	%100
172	M130A	Z	.011	.011	0	%100
173	M131A	X	-3.118	-3.118	0	%100
174	M131A	Z	5.4	5.4	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-2.282	-2.282	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,%]
2	M1	Z	1.317	1.317	0	%100
3	M2	X	-2.282	-2.282	0	%100
4	M2	Z	1.317	1.317	0	%100
5	M13	X	-1.488	-1.488	0	%100
6	M13	Z	.859	.859	0	%100
7	M14	X	-1.488	-1.488	0	%100
8	M14	Z	.859	.859	0	%100
9	M15	X	-1.488	-1.488	0	%100
10	M15	Z	.859	.859	0	%100
11	M16	X	-1.488	-1.488	0	%100
12	M16	Z	.859	.859	0	%100
13	M17	X	-.114	-.114	0	%100
14	M17	Z	.066	.066	0	%100
15	M18	X	-.114	-.114	0	%100
16	M18	Z	.066	.066	0	%100
17	M19	X	-5.001	-5.001	0	%100
18	M19	Z	2.888	2.888	0	%100
19	OVP	X	-5.001	-5.001	0	%100
20	OVP	Z	2.888	2.888	0	%100
21	M21	X	-.496	-.496	0	%100
22	M21	Z	.286	.286	0	%100
23	M22	X	-.496	-.496	0	%100
24	M22	Z	.286	.286	0	%100
25	M23	X	-.496	-.496	0	%100
26	M23	Z	.286	.286	0	%100
27	M24	X	-.496	-.496	0	%100
28	M24	Z	.286	.286	0	%100
29	M25	X	-1.54	-1.54	0	%100
30	M25	Z	.889	.889	0	%100
31	M26	X	-1.54	-1.54	0	%100
32	M26	Z	.889	.889	0	%100
33	M27	X	-2.261	-2.261	0	%100
34	M27	Z	1.305	1.305	0	%100
35	M28	X	-2.261	-2.261	0	%100
36	M28	Z	1.305	1.305	0	%100
37	MP4A	X	-7.539	-7.539	0	%100
38	MP4A	Z	4.353	4.353	0	%100
39	MP3A	X	-7.539	-7.539	0	%100
40	MP3A	Z	4.353	4.353	0	%100
41	MP2A	X	-9.126	-9.126	0	%100
42	MP2A	Z	5.269	5.269	0	%100
43	MP1A	X	-7.539	-7.539	0	%100
44	MP1A	Z	4.353	4.353	0	%100
45	M44	X	-1.984	-1.984	0	%100
46	M44	Z	1.145	1.145	0	%100
47	M45	X	-1.984	-1.984	0	%100
48	M45	Z	1.145	1.145	0	%100
49	M46	X	-1.984	-1.984	0	%100
50	M46	Z	1.145	1.145	0	%100
51	M47	X	-1.984	-1.984	0	%100
52	M47	Z	1.145	1.145	0	%100
53	M43	X	-11.48	-11.48	0	%100
54	M43	Z	6.628	6.628	0	%100
55	M44A	X	-9.126	-9.126	0	%100
56	M44A	Z	5.269	5.269	0	%100
57	M45A	X	-9.126	-9.126	0	%100
58	M45A	Z	5.269	5.269	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,%]
59	M54	X	0	0	0	%100
60	M54	Z	0	0	0	%100
61	M55	X	0	0	0	%100
62	M55	Z	0	0	0	%100
63	M56	X	0	0	0	%100
64	M56	Z	0	0	0	%100
65	M57	X	0	0	0	%100
66	M57	Z	0	0	0	%100
67	M58	X	-3.603	-3.603	0	%100
68	M58	Z	2.08	2.08	0	%100
69	M59	X	-3.603	-3.603	0	%100
70	M59	Z	2.08	2.08	0	%100
71	M60	X	-3.603	-3.603	0	%100
72	M60	Z	2.08	2.08	0	%100
73	M61	X	-3.603	-3.603	0	%100
74	M61	Z	2.08	2.08	0	%100
75	M62	X	-1.984	-1.984	0	%100
76	M62	Z	1.145	1.145	0	%100
77	M63	X	-1.984	-1.984	0	%100
78	M63	Z	1.145	1.145	0	%100
79	M64	X	-1.984	-1.984	0	%100
80	M64	Z	1.145	1.145	0	%100
81	M65	X	-1.984	-1.984	0	%100
82	M65	Z	1.145	1.145	0	%100
83	M66	X	-2.055	-2.055	0	%100
84	M66	Z	1.186	1.186	0	%100
85	M67	X	-2.055	-2.055	0	%100
86	M67	Z	1.186	1.186	0	%100
87	M68	X	-2.055	-2.055	0	%100
88	M68	Z	1.186	1.186	0	%100
89	M69	X	-2.055	-2.055	0	%100
90	M69	Z	1.186	1.186	0	%100
91	MP4C	X	-7.539	-7.539	0	%100
92	MP4C	Z	4.353	4.353	0	%100
93	MP3C	X	-7.539	-7.539	0	%100
94	MP3C	Z	4.353	4.353	0	%100
95	MP2C	X	-9.126	-9.126	0	%100
96	MP2C	Z	5.269	5.269	0	%100
97	MP1C	X	-7.539	-7.539	0	%100
98	MP1C	Z	4.353	4.353	0	%100
99	M74	X	-1.984	-1.984	0	%100
100	M74	Z	1.145	1.145	0	%100
101	M75	X	-1.984	-1.984	0	%100
102	M75	Z	1.145	1.145	0	%100
103	M76	X	-1.984	-1.984	0	%100
104	M76	Z	1.145	1.145	0	%100
105	M77	X	-1.984	-1.984	0	%100
106	M77	Z	1.145	1.145	0	%100
107	M84	X	-11.48	-11.48	0	%100
108	M84	Z	6.628	6.628	0	%100
109	M85	X	-2.282	-2.282	0	%100
110	M85	Z	1.317	1.317	0	%100
111	M86	X	-2.282	-2.282	0	%100
112	M86	Z	1.317	1.317	0	%100
113	M95	X	-1.488	-1.488	0	%100
114	M95	Z	.859	.859	0	%100
115	M96	X	-1.488	-1.488	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,%]
116	M96	Z	.859	.859	0	%100
117	M97	X	-1.488	-1.488	0	%100
118	M97	Z	.859	.859	0	%100
119	M98	X	-1.488	-1.488	0	%100
120	M98	Z	.859	.859	0	%100
121	M99	X	-5.001	-5.001	0	%100
122	M99	Z	2.888	2.888	0	%100
123	M100	X	-5.001	-5.001	0	%100
124	M100	Z	2.888	2.888	0	%100
125	M101	X	-.114	-.114	0	%100
126	M101	Z	.066	.066	0	%100
127	M102	X	-.114	-.114	0	%100
128	M102	Z	.066	.066	0	%100
129	M103	X	-.496	-.496	0	%100
130	M103	Z	.286	.286	0	%100
131	M104	X	-.496	-.496	0	%100
132	M104	Z	.286	.286	0	%100
133	M105	X	-.496	-.496	0	%100
134	M105	Z	.286	.286	0	%100
135	M106	X	-.496	-.496	0	%100
136	M106	Z	.286	.286	0	%100
137	M107	X	-2.261	-2.261	0	%100
138	M107	Z	1.305	1.305	0	%100
139	M108	X	-2.261	-2.261	0	%100
140	M108	Z	1.305	1.305	0	%100
141	M109	X	-1.54	-1.54	0	%100
142	M109	Z	.889	.889	0	%100
143	M110	X	-1.54	-1.54	0	%100
144	M110	Z	.889	.889	0	%100
145	MP4B	X	-7.539	-7.539	0	%100
146	MP4B	Z	4.353	4.353	0	%100
147	MP3B	X	-7.539	-7.539	0	%100
148	MP3B	Z	4.353	4.353	0	%100
149	MP2B	X	-9.126	-9.126	0	%100
150	MP2B	Z	5.269	5.269	0	%100
151	MP1B	X	-7.539	-7.539	0	%100
152	MP1B	Z	4.353	4.353	0	%100
153	M115	X	-1.984	-1.984	0	%100
154	M115	Z	1.145	1.145	0	%100
155	M116	X	-1.984	-1.984	0	%100
156	M116	Z	1.145	1.145	0	%100
157	M117	X	-1.984	-1.984	0	%100
158	M117	Z	1.145	1.145	0	%100
159	M118	X	-1.984	-1.984	0	%100
160	M118	Z	1.145	1.145	0	%100
161	M125	X	-11.48	-11.48	0	%100
162	M125	Z	6.628	6.628	0	%100
163	M126	X	-7.528	-7.528	0	%100
164	M126	Z	4.346	4.346	0	%100
165	M129	X	-2.153	-2.153	0	%100
166	M129	Z	1.243	1.243	0	%100
167	M130	X	-2.153	-2.153	0	%100
168	M130	Z	1.243	1.243	0	%100
169	M131	X	-8.612	-8.612	0	%100
170	M131	Z	4.972	4.972	0	%100
171	M130A	X	-2.139	-2.139	0	%100
172	M130A	Z	1.235	1.235	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,%]
173	M131A	X	-1.642	-1.642	0	%100
174	M131A	Z	.948	.948	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M13	X	-2.291	-2.291	0	%100
6	M13	Z	0	0	0	%100
7	M14	X	-2.291	-2.291	0	%100
8	M14	Z	0	0	0	%100
9	M15	X	-2.291	-2.291	0	%100
10	M15	Z	0	0	0	%100
11	M16	X	-2.291	-2.291	0	%100
12	M16	Z	0	0	0	%100
13	M17	X	-2.551	-2.551	0	%100
14	M17	Z	0	0	0	%100
15	M18	X	-2.551	-2.551	0	%100
16	M18	Z	0	0	0	%100
17	M19	X	-2.551	-2.551	0	%100
18	M19	Z	0	0	0	%100
19	OVP	X	-2.551	-2.551	0	%100
20	OVP	Z	0	0	0	%100
21	M21	X	0	0	0	%100
22	M21	Z	0	0	0	%100
23	M22	X	0	0	0	%100
24	M22	Z	0	0	0	%100
25	M23	X	0	0	0	%100
26	M23	Z	0	0	0	%100
27	M24	X	0	0	0	%100
28	M24	Z	0	0	0	%100
29	M25	X	-2.135	-2.135	0	%100
30	M25	Z	0	0	0	%100
31	M26	X	-2.135	-2.135	0	%100
32	M26	Z	0	0	0	%100
33	M27	X	-2.135	-2.135	0	%100
34	M27	Z	0	0	0	%100
35	M28	X	-2.135	-2.135	0	%100
36	M28	Z	0	0	0	%100
37	MP4A	X	-8.705	-8.705	0	%100
38	MP4A	Z	0	0	0	%100
39	MP3A	X	-8.705	-8.705	0	%100
40	MP3A	Z	0	0	0	%100
41	MP2A	X	-10.538	-10.538	0	%100
42	MP2A	Z	0	0	0	%100
43	MP1A	X	-8.705	-8.705	0	%100
44	MP1A	Z	0	0	0	%100
45	M44	X	-2.291	-2.291	0	%100
46	M44	Z	0	0	0	%100
47	M45	X	-2.291	-2.291	0	%100
48	M45	Z	0	0	0	%100
49	M46	X	-2.291	-2.291	0	%100
50	M46	Z	0	0	0	%100
51	M47	X	-2.291	-2.291	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,%]
52	M47	Z	0	0	0	%100
53	M43	X	-13.256	-13.256	0	%100
54	M43	Z	0	0	0	%100
55	M44A	X	-7.904	-7.904	0	%100
56	M44A	Z	0	0	0	%100
57	M45A	X	-7.904	-7.904	0	%100
58	M45A	Z	0	0	0	%100
59	M54	X	-.573	-.573	0	%100
60	M54	Z	0	0	0	%100
61	M55	X	-.573	-.573	0	%100
62	M55	Z	0	0	0	%100
63	M56	X	-.573	-.573	0	%100
64	M56	Z	0	0	0	%100
65	M57	X	-.573	-.573	0	%100
66	M57	Z	0	0	0	%100
67	M58	X	-.937	-.937	0	%100
68	M58	Z	0	0	0	%100
69	M59	X	-.937	-.937	0	%100
70	M59	Z	0	0	0	%100
71	M60	X	-6.58	-6.58	0	%100
72	M60	Z	0	0	0	%100
73	M61	X	-6.58	-6.58	0	%100
74	M61	Z	0	0	0	%100
75	M62	X	-1.718	-1.718	0	%100
76	M62	Z	0	0	0	%100
77	M63	X	-1.718	-1.718	0	%100
78	M63	Z	0	0	0	%100
79	M64	X	-1.718	-1.718	0	%100
80	M64	Z	0	0	0	%100
81	M65	X	-1.718	-1.718	0	%100
82	M65	Z	0	0	0	%100
83	M66	X	-1.897	-1.897	0	%100
84	M66	Z	0	0	0	%100
85	M67	X	-1.897	-1.897	0	%100
86	M67	Z	0	0	0	%100
87	M68	X	-2.73	-2.73	0	%100
88	M68	Z	0	0	0	%100
89	M69	X	-2.73	-2.73	0	%100
90	M69	Z	0	0	0	%100
91	MP4C	X	-8.705	-8.705	0	%100
92	MP4C	Z	0	0	0	%100
93	MP3C	X	-8.705	-8.705	0	%100
94	MP3C	Z	0	0	0	%100
95	MP2C	X	-10.538	-10.538	0	%100
96	MP2C	Z	0	0	0	%100
97	MP1C	X	-8.705	-8.705	0	%100
98	MP1C	Z	0	0	0	%100
99	M74	X	-2.291	-2.291	0	%100
100	M74	Z	0	0	0	%100
101	M75	X	-2.291	-2.291	0	%100
102	M75	Z	0	0	0	%100
103	M76	X	-2.291	-2.291	0	%100
104	M76	Z	0	0	0	%100
105	M77	X	-2.291	-2.291	0	%100
106	M77	Z	0	0	0	%100
107	M84	X	-13.256	-13.256	0	%100
108	M84	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	M85	X	-7.904	-7.904	0	%100
110	M85	Z	0	0	0	%100
111	M86	X	-7.904	-7.904	0	%100
112	M86	Z	0	0	0	%100
113	M95	X	-.573	-.573	0	%100
114	M95	Z	0	0	0	%100
115	M96	X	-.573	-.573	0	%100
116	M96	Z	0	0	0	%100
117	M97	X	-.573	-.573	0	%100
118	M97	Z	0	0	0	%100
119	M98	X	-.573	-.573	0	%100
120	M98	Z	0	0	0	%100
121	M99	X	-6.58	-6.58	0	%100
122	M99	Z	0	0	0	%100
123	M100	X	-6.58	-6.58	0	%100
124	M100	Z	0	0	0	%100
125	M101	X	-.937	-.937	0	%100
126	M101	Z	0	0	0	%100
127	M102	X	-.937	-.937	0	%100
128	M102	Z	0	0	0	%100
129	M103	X	-1.718	-1.718	0	%100
130	M103	Z	0	0	0	%100
131	M104	X	-1.718	-1.718	0	%100
132	M104	Z	0	0	0	%100
133	M105	X	-1.718	-1.718	0	%100
134	M105	Z	0	0	0	%100
135	M106	X	-1.718	-1.718	0	%100
136	M106	Z	0	0	0	%100
137	M107	X	-2.73	-2.73	0	%100
138	M107	Z	0	0	0	%100
139	M108	X	-2.73	-2.73	0	%100
140	M108	Z	0	0	0	%100
141	M109	X	-1.897	-1.897	0	%100
142	M109	Z	0	0	0	%100
143	M110	X	-1.897	-1.897	0	%100
144	M110	Z	0	0	0	%100
145	MP4B	X	-8.705	-8.705	0	%100
146	MP4B	Z	0	0	0	%100
147	MP3B	X	-8.705	-8.705	0	%100
148	MP3B	Z	0	0	0	%100
149	MP2B	X	-10.538	-10.538	0	%100
150	MP2B	Z	0	0	0	%100
151	MP1B	X	-8.705	-8.705	0	%100
152	MP1B	Z	0	0	0	%100
153	M115	X	-2.291	-2.291	0	%100
154	M115	Z	0	0	0	%100
155	M116	X	-2.291	-2.291	0	%100
156	M116	Z	0	0	0	%100
157	M117	X	-2.291	-2.291	0	%100
158	M117	Z	0	0	0	%100
159	M118	X	-2.291	-2.291	0	%100
160	M118	Z	0	0	0	%100
161	M125	X	-13.256	-13.256	0	%100
162	M125	Z	0	0	0	%100
163	M126	X	-6.236	-6.236	0	%100
164	M126	Z	0	0	0	%100
165	M129	X	-7.458	-7.458	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,%]
166	M129	Z	0	0	0	%100
167	M130	X	0	0	0	%100
168	M130	Z	0	0	0	%100
169	M131	X	-7.458	-7.458	0	%100
170	M131	Z	0	0	0	%100
171	M130A	X	-6.81	-6.81	0	%100
172	M130A	Z	0	0	0	%100
173	M131A	X	-.013	-.013	0	%100
174	M131A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-2.282	-2.282	0	%100
2	M1	Z	-1.317	-1.317	0	%100
3	M2	X	-2.282	-2.282	0	%100
4	M2	Z	-1.317	-1.317	0	%100
5	M13	X	-1.488	-1.488	0	%100
6	M13	Z	-.859	-.859	0	%100
7	M14	X	-1.488	-1.488	0	%100
8	M14	Z	-.859	-.859	0	%100
9	M15	X	-1.488	-1.488	0	%100
10	M15	Z	-.859	-.859	0	%100
11	M16	X	-1.488	-1.488	0	%100
12	M16	Z	-.859	-.859	0	%100
13	M17	X	-5.001	-5.001	0	%100
14	M17	Z	-2.888	-2.888	0	%100
15	M18	X	-5.001	-5.001	0	%100
16	M18	Z	-2.888	-2.888	0	%100
17	M19	X	-.114	-.114	0	%100
18	M19	Z	-.066	-.066	0	%100
19	OVP	X	-.114	-.114	0	%100
20	OVP	Z	-.066	-.066	0	%100
21	M21	X	-.496	-.496	0	%100
22	M21	Z	-.286	-.286	0	%100
23	M22	X	-.496	-.496	0	%100
24	M22	Z	-.286	-.286	0	%100
25	M23	X	-.496	-.496	0	%100
26	M23	Z	-.286	-.286	0	%100
27	M24	X	-.496	-.496	0	%100
28	M24	Z	-.286	-.286	0	%100
29	M25	X	-2.261	-2.261	0	%100
30	M25	Z	-1.305	-1.305	0	%100
31	M26	X	-2.261	-2.261	0	%100
32	M26	Z	-1.305	-1.305	0	%100
33	M27	X	-1.54	-1.54	0	%100
34	M27	Z	-.889	-.889	0	%100
35	M28	X	-1.54	-1.54	0	%100
36	M28	Z	-.889	-.889	0	%100
37	MP4A	X	-7.539	-7.539	0	%100
38	MP4A	Z	-4.353	-4.353	0	%100
39	MP3A	X	-7.539	-7.539	0	%100
40	MP3A	Z	-4.353	-4.353	0	%100
41	MP2A	X	-9.126	-9.126	0	%100
42	MP2A	Z	-5.269	-5.269	0	%100
43	MP1A	X	-7.539	-7.539	0	%100
44	MP1A	Z	-4.353	-4.353	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,%]
45	M44	X	-1.984	-1.984	0	%100
46	M44	Z	-1.145	-1.145	0	%100
47	M45	X	-1.984	-1.984	0	%100
48	M45	Z	-1.145	-1.145	0	%100
49	M46	X	-1.984	-1.984	0	%100
50	M46	Z	-1.145	-1.145	0	%100
51	M47	X	-1.984	-1.984	0	%100
52	M47	Z	-1.145	-1.145	0	%100
53	M43	X	-11.48	-11.48	0	%100
54	M43	Z	-6.628	-6.628	0	%100
55	M44A	X	-2.282	-2.282	0	%100
56	M44A	Z	-1.317	-1.317	0	%100
57	M45A	X	-2.282	-2.282	0	%100
58	M45A	Z	-1.317	-1.317	0	%100
59	M54	X	-1.488	-1.488	0	%100
60	M54	Z	-.859	-.859	0	%100
61	M55	X	-1.488	-1.488	0	%100
62	M55	Z	-.859	-.859	0	%100
63	M56	X	-1.488	-1.488	0	%100
64	M56	Z	-.859	-.859	0	%100
65	M57	X	-1.488	-1.488	0	%100
66	M57	Z	-.859	-.859	0	%100
67	M58	X	-.114	-.114	0	%100
68	M58	Z	-.066	-.066	0	%100
69	M59	X	-.114	-.114	0	%100
70	M59	Z	-.066	-.066	0	%100
71	M60	X	-5.001	-5.001	0	%100
72	M60	Z	-2.888	-2.888	0	%100
73	M61	X	-5.001	-5.001	0	%100
74	M61	Z	-2.888	-2.888	0	%100
75	M62	X	-.496	-.496	0	%100
76	M62	Z	-.286	-.286	0	%100
77	M63	X	-.496	-.496	0	%100
78	M63	Z	-.286	-.286	0	%100
79	M64	X	-.496	-.496	0	%100
80	M64	Z	-.286	-.286	0	%100
81	M65	X	-.496	-.496	0	%100
82	M65	Z	-.286	-.286	0	%100
83	M66	X	-1.54	-1.54	0	%100
84	M66	Z	-.889	-.889	0	%100
85	M67	X	-1.54	-1.54	0	%100
86	M67	Z	-.889	-.889	0	%100
87	M68	X	-2.261	-2.261	0	%100
88	M68	Z	-1.305	-1.305	0	%100
89	M69	X	-2.261	-2.261	0	%100
90	M69	Z	-1.305	-1.305	0	%100
91	MP4C	X	-7.539	-7.539	0	%100
92	MP4C	Z	-4.353	-4.353	0	%100
93	MP3C	X	-7.539	-7.539	0	%100
94	MP3C	Z	-4.353	-4.353	0	%100
95	MP2C	X	-9.126	-9.126	0	%100
96	MP2C	Z	-5.269	-5.269	0	%100
97	MP1C	X	-7.539	-7.539	0	%100
98	MP1C	Z	-4.353	-4.353	0	%100
99	M74	X	-1.984	-1.984	0	%100
100	M74	Z	-1.145	-1.145	0	%100
101	M75	X	-1.984	-1.984	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,%]
102	M75	Z	-1.145	-1.145	0	%100
103	M76	X	-1.984	-1.984	0	%100
104	M76	Z	-1.145	-1.145	0	%100
105	M77	X	-1.984	-1.984	0	%100
106	M77	Z	-1.145	-1.145	0	%100
107	M84	X	-11.48	-11.48	0	%100
108	M84	Z	-6.628	-6.628	0	%100
109	M85	X	-9.126	-9.126	0	%100
110	M85	Z	-5.269	-5.269	0	%100
111	M86	X	-9.126	-9.126	0	%100
112	M86	Z	-5.269	-5.269	0	%100
113	M95	X	0	0	0	%100
114	M95	Z	0	0	0	%100
115	M96	X	0	0	0	%100
116	M96	Z	0	0	0	%100
117	M97	X	0	0	0	%100
118	M97	Z	0	0	0	%100
119	M98	X	0	0	0	%100
120	M98	Z	0	0	0	%100
121	M99	X	-3.603	-3.603	0	%100
122	M99	Z	-2.08	-2.08	0	%100
123	M100	X	-3.603	-3.603	0	%100
124	M100	Z	-2.08	-2.08	0	%100
125	M101	X	-3.603	-3.603	0	%100
126	M101	Z	-2.08	-2.08	0	%100
127	M102	X	-3.603	-3.603	0	%100
128	M102	Z	-2.08	-2.08	0	%100
129	M103	X	-1.984	-1.984	0	%100
130	M103	Z	-1.145	-1.145	0	%100
131	M104	X	-1.984	-1.984	0	%100
132	M104	Z	-1.145	-1.145	0	%100
133	M105	X	-1.984	-1.984	0	%100
134	M105	Z	-1.145	-1.145	0	%100
135	M106	X	-1.984	-1.984	0	%100
136	M106	Z	-1.145	-1.145	0	%100
137	M107	X	-2.055	-2.055	0	%100
138	M107	Z	-1.186	-1.186	0	%100
139	M108	X	-2.055	-2.055	0	%100
140	M108	Z	-1.186	-1.186	0	%100
141	M109	X	-2.055	-2.055	0	%100
142	M109	Z	-1.186	-1.186	0	%100
143	M110	X	-2.055	-2.055	0	%100
144	M110	Z	-1.186	-1.186	0	%100
145	MP4B	X	-7.539	-7.539	0	%100
146	MP4B	Z	-4.353	-4.353	0	%100
147	MP3B	X	-7.539	-7.539	0	%100
148	MP3B	Z	-4.353	-4.353	0	%100
149	MP2B	X	-9.126	-9.126	0	%100
150	MP2B	Z	-5.269	-5.269	0	%100
151	MP1B	X	-7.539	-7.539	0	%100
152	MP1B	Z	-4.353	-4.353	0	%100
153	M115	X	-1.984	-1.984	0	%100
154	M115	Z	-1.145	-1.145	0	%100
155	M116	X	-1.984	-1.984	0	%100
156	M116	Z	-1.145	-1.145	0	%100
157	M117	X	-1.984	-1.984	0	%100
158	M117	Z	-1.145	-1.145	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,%]
159	M118	X	-1.984	-1.984	0	%100
160	M118	Z	-1.145	-1.145	0	%100
161	M125	X	-11.48	-11.48	0	%100
162	M125	Z	-6.628	-6.628	0	%100
163	M126	X	-1.642	-1.642	0	%100
164	M126	Z	-.948	-.948	0	%100
165	M129	X	-8.612	-8.612	0	%100
166	M129	Z	-4.972	-4.972	0	%100
167	M130	X	-2.153	-2.153	0	%100
168	M130	Z	-1.243	-1.243	0	%100
169	M131	X	-2.153	-2.153	0	%100
170	M131	Z	-1.243	-1.243	0	%100
171	M130A	X	-7.528	-7.528	0	%100
172	M130A	Z	-4.346	-4.346	0	%100
173	M131A	X	-2.139	-2.139	0	%100
174	M131A	Z	-1.235	-1.235	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-3.952	-3.952	0	%100
2	M1	Z	-6.845	-6.845	0	%100
3	M2	X	-3.952	-3.952	0	%100
4	M2	Z	-6.845	-6.845	0	%100
5	M13	X	-.286	-.286	0	%100
6	M13	Z	-.496	-.496	0	%100
7	M14	X	-.286	-.286	0	%100
8	M14	Z	-.496	-.496	0	%100
9	M15	X	-.286	-.286	0	%100
10	M15	Z	-.496	-.496	0	%100
11	M16	X	-.286	-.286	0	%100
12	M16	Z	-.496	-.496	0	%100
13	M17	X	-3.29	-3.29	0	%100
14	M17	Z	-5.698	-5.698	0	%100
15	M18	X	-3.29	-3.29	0	%100
16	M18	Z	-5.698	-5.698	0	%100
17	M19	X	-.468	-.468	0	%100
18	M19	Z	-.811	-.811	0	%100
19	OVP	X	-.468	-.468	0	%100
20	OVP	Z	-.811	-.811	0	%100
21	M21	X	-.859	-.859	0	%100
22	M21	Z	-1.488	-1.488	0	%100
23	M22	X	-.859	-.859	0	%100
24	M22	Z	-1.488	-1.488	0	%100
25	M23	X	-.859	-.859	0	%100
26	M23	Z	-1.488	-1.488	0	%100
27	M24	X	-.859	-.859	0	%100
28	M24	Z	-1.488	-1.488	0	%100
29	M25	X	-1.365	-1.365	0	%100
30	M25	Z	-2.364	-2.364	0	%100
31	M26	X	-1.365	-1.365	0	%100
32	M26	Z	-2.364	-2.364	0	%100
33	M27	X	-.949	-.949	0	%100
34	M27	Z	-1.643	-1.643	0	%100
35	M28	X	-.949	-.949	0	%100
36	M28	Z	-1.643	-1.643	0	%100
37	MP4A	X	-4.353	-4.353	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,%]
38	MP4A	Z	-7.539	-7.539	0	%100
39	MP3A	X	-4.353	-4.353	0	%100
40	MP3A	Z	-7.539	-7.539	0	%100
41	MP2A	X	-5.269	-5.269	0	%100
42	MP2A	Z	-9.126	-9.126	0	%100
43	MP1A	X	-4.353	-4.353	0	%100
44	MP1A	Z	-7.539	-7.539	0	%100
45	M44	X	-1.145	-1.145	0	%100
46	M44	Z	-1.984	-1.984	0	%100
47	M45	X	-1.145	-1.145	0	%100
48	M45	Z	-1.984	-1.984	0	%100
49	M46	X	-1.145	-1.145	0	%100
50	M46	Z	-1.984	-1.984	0	%100
51	M47	X	-1.145	-1.145	0	%100
52	M47	Z	-1.984	-1.984	0	%100
53	M43	X	-6.628	-6.628	0	%100
54	M43	Z	-11.48	-11.48	0	%100
55	M44A	X	0	0	0	%100
56	M44A	Z	0	0	0	%100
57	M45A	X	0	0	0	%100
58	M45A	Z	0	0	0	%100
59	M54	X	-1.145	-1.145	0	%100
60	M54	Z	-1.984	-1.984	0	%100
61	M55	X	-1.145	-1.145	0	%100
62	M55	Z	-1.984	-1.984	0	%100
63	M56	X	-1.145	-1.145	0	%100
64	M56	Z	-1.984	-1.984	0	%100
65	M57	X	-1.145	-1.145	0	%100
66	M57	Z	-1.984	-1.984	0	%100
67	M58	X	-1.276	-1.276	0	%100
68	M58	Z	-2.209	-2.209	0	%100
69	M59	X	-1.276	-1.276	0	%100
70	M59	Z	-2.209	-2.209	0	%100
71	M60	X	-1.276	-1.276	0	%100
72	M60	Z	-2.209	-2.209	0	%100
73	M61	X	-1.276	-1.276	0	%100
74	M61	Z	-2.209	-2.209	0	%100
75	M62	X	0	0	0	%100
76	M62	Z	0	0	0	%100
77	M63	X	0	0	0	%100
78	M63	Z	0	0	0	%100
79	M64	X	0	0	0	%100
80	M64	Z	0	0	0	%100
81	M65	X	0	0	0	%100
82	M65	Z	0	0	0	%100
83	M66	X	-1.068	-1.068	0	%100
84	M66	Z	-1.849	-1.849	0	%100
85	M67	X	-1.068	-1.068	0	%100
86	M67	Z	-1.849	-1.849	0	%100
87	M68	X	-1.068	-1.068	0	%100
88	M68	Z	-1.849	-1.849	0	%100
89	M69	X	-1.068	-1.068	0	%100
90	M69	Z	-1.849	-1.849	0	%100
91	MP4C	X	-4.353	-4.353	0	%100
92	MP4C	Z	-7.539	-7.539	0	%100
93	MP3C	X	-4.353	-4.353	0	%100
94	MP3C	Z	-7.539	-7.539	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,%]
95	MP2C	X	-5.269	-5.269	0	%100
96	MP2C	Z	-9.126	-9.126	0	%100
97	MP1C	X	-4.353	-4.353	0	%100
98	MP1C	Z	-7.539	-7.539	0	%100
99	M74	X	-1.145	-1.145	0	%100
100	M74	Z	-1.984	-1.984	0	%100
101	M75	X	-1.145	-1.145	0	%100
102	M75	Z	-1.984	-1.984	0	%100
103	M76	X	-1.145	-1.145	0	%100
104	M76	Z	-1.984	-1.984	0	%100
105	M77	X	-1.145	-1.145	0	%100
106	M77	Z	-1.984	-1.984	0	%100
107	M84	X	-6.628	-6.628	0	%100
108	M84	Z	-11.48	-11.48	0	%100
109	M85	X	-3.952	-3.952	0	%100
110	M85	Z	-6.845	-6.845	0	%100
111	M86	X	-3.952	-3.952	0	%100
112	M86	Z	-6.845	-6.845	0	%100
113	M95	X	-.286	-.286	0	%100
114	M95	Z	-.496	-.496	0	%100
115	M96	X	-.286	-.286	0	%100
116	M96	Z	-.496	-.496	0	%100
117	M97	X	-.286	-.286	0	%100
118	M97	Z	-.496	-.496	0	%100
119	M98	X	-.286	-.286	0	%100
120	M98	Z	-.496	-.496	0	%100
121	M99	X	-.468	-.468	0	%100
122	M99	Z	-.811	-.811	0	%100
123	M100	X	-.468	-.468	0	%100
124	M100	Z	-.811	-.811	0	%100
125	M101	X	-3.29	-3.29	0	%100
126	M101	Z	-5.698	-5.698	0	%100
127	M102	X	-3.29	-3.29	0	%100
128	M102	Z	-5.698	-5.698	0	%100
129	M103	X	-.859	-.859	0	%100
130	M103	Z	-1.488	-1.488	0	%100
131	M104	X	-.859	-.859	0	%100
132	M104	Z	-1.488	-1.488	0	%100
133	M105	X	-.859	-.859	0	%100
134	M105	Z	-1.488	-1.488	0	%100
135	M106	X	-.859	-.859	0	%100
136	M106	Z	-1.488	-1.488	0	%100
137	M107	X	-.949	-.949	0	%100
138	M107	Z	-1.643	-1.643	0	%100
139	M108	X	-.949	-.949	0	%100
140	M108	Z	-1.643	-1.643	0	%100
141	M109	X	-1.365	-1.365	0	%100
142	M109	Z	-2.364	-2.364	0	%100
143	M110	X	-1.365	-1.365	0	%100
144	M110	Z	-2.364	-2.364	0	%100
145	MP4B	X	-4.353	-4.353	0	%100
146	MP4B	Z	-7.539	-7.539	0	%100
147	MP3B	X	-4.353	-4.353	0	%100
148	MP3B	Z	-7.539	-7.539	0	%100
149	MP2B	X	-5.269	-5.269	0	%100
150	MP2B	Z	-9.126	-9.126	0	%100
151	MP1B	X	-4.353	-4.353	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,%]
152	MP1B	Z	-7.539	-7.539	0	%100
153	M115	X	-1.145	-1.145	0	%100
154	M115	Z	-1.984	-1.984	0	%100
155	M116	X	-1.145	-1.145	0	%100
156	M116	Z	-1.984	-1.984	0	%100
157	M117	X	-1.145	-1.145	0	%100
158	M117	Z	-1.984	-1.984	0	%100
159	M118	X	-1.145	-1.145	0	%100
160	M118	Z	-1.984	-1.984	0	%100
161	M125	X	-6.628	-6.628	0	%100
162	M125	Z	-11.48	-11.48	0	%100
163	M126	X	-.006	-.006	0	%100
164	M126	Z	-.011	-.011	0	%100
165	M129	X	-3.729	-3.729	0	%100
166	M129	Z	-6.459	-6.459	0	%100
167	M130	X	-3.729	-3.729	0	%100
168	M130	Z	-6.459	-6.459	0	%100
169	M131	X	0	0	0	%100
170	M131	Z	0	0	0	%100
171	M130A	X	-3.118	-3.118	0	%100
172	M130A	Z	-5.4	-5.4	0	%100
173	M131A	X	-3.405	-3.405	0	%100
174	M131A	Z	-5.897	-5.897	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	-3.349	-3.349	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	-3.349	-3.349	0	%100
5	M13	X	0	0	0	%100
6	M13	Z	0	0	0	%100
7	M14	X	0	0	0	%100
8	M14	Z	0	0	0	%100
9	M15	X	0	0	0	%100
10	M15	Z	0	0	0	%100
11	M16	X	0	0	0	%100
12	M16	Z	0	0	0	%100
13	M17	X	0	0	0	%100
14	M17	Z	-1.447	-1.447	0	%100
15	M18	X	0	0	0	%100
16	M18	Z	-1.447	-1.447	0	%100
17	M19	X	0	0	0	%100
18	M19	Z	-1.447	-1.447	0	%100
19	OVP	X	0	0	0	%100
20	OVP	Z	-1.447	-1.447	0	%100
21	M21	X	0	0	0	%100
22	M21	Z	-1.289	-1.289	0	%100
23	M22	X	0	0	0	%100
24	M22	Z	-1.289	-1.289	0	%100
25	M23	X	0	0	0	%100
26	M23	Z	-1.289	-1.289	0	%100
27	M24	X	0	0	0	%100
28	M24	Z	-1.289	-1.289	0	%100
29	M25	X	0	0	0	%100
30	M25	Z	-1.625	-1.625	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,%]
31	M26	X	0	0	0	%100
32	M26	Z	-1.625	-1.625	0	%100
33	M27	X	0	0	0	%100
34	M27	Z	-1.625	-1.625	0	%100
35	M28	X	0	0	0	%100
36	M28	Z	-1.625	-1.625	0	%100
37	MP4A	X	0	0	0	%100
38	MP4A	Z	-3.031	-3.031	0	%100
39	MP3A	X	0	0	0	%100
40	MP3A	Z	-3.031	-3.031	0	%100
41	MP2A	X	0	0	0	%100
42	MP2A	Z	-3.349	-3.349	0	%100
43	MP1A	X	0	0	0	%100
44	MP1A	Z	-3.031	-3.031	0	%100
45	M44	X	0	0	0	%100
46	M44	Z	-1.685	-1.685	0	%100
47	M45	X	0	0	0	%100
48	M45	Z	-1.685	-1.685	0	%100
49	M46	X	0	0	0	%100
50	M46	Z	-1.685	-1.685	0	%100
51	M47	X	0	0	0	%100
52	M47	Z	-1.685	-1.685	0	%100
53	M43	X	0	0	0	%100
54	M43	Z	-4.383	-4.383	0	%100
55	M44A	X	0	0	0	%100
56	M44A	Z	-.837	-.837	0	%100
57	M45A	X	0	0	0	%100
58	M45A	Z	-.837	-.837	0	%100
59	M54	X	0	0	0	%100
60	M54	Z	-.963	-.963	0	%100
61	M55	X	0	0	0	%100
62	M55	Z	-.963	-.963	0	%100
63	M56	X	0	0	0	%100
64	M56	Z	-.963	-.963	0	%100
65	M57	X	0	0	0	%100
66	M57	Z	-.963	-.963	0	%100
67	M58	X	0	0	0	%100
68	M58	Z	-2.009	-2.009	0	%100
69	M59	X	0	0	0	%100
70	M59	Z	-2.009	-2.009	0	%100
71	M60	X	0	0	0	%100
72	M60	Z	-.046	-.046	0	%100
73	M61	X	0	0	0	%100
74	M61	Z	-.046	-.046	0	%100
75	M62	X	0	0	0	%100
76	M62	Z	-.322	-.322	0	%100
77	M63	X	0	0	0	%100
78	M63	Z	-.322	-.322	0	%100
79	M64	X	0	0	0	%100
80	M64	Z	-.322	-.322	0	%100
81	M65	X	0	0	0	%100
82	M65	Z	-.322	-.322	0	%100
83	M66	X	0	0	0	%100
84	M66	Z	-1.788	-1.788	0	%100
85	M67	X	0	0	0	%100
86	M67	Z	-1.788	-1.788	0	%100
87	M68	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
88	M68	Z	-1.218	-1.218	0	%100
89	M69	X	0	0	0	%100
90	M69	Z	-1.218	-1.218	0	%100
91	MP4C	X	0	0	0	%100
92	MP4C	Z	-3.031	-3.031	0	%100
93	MP3C	X	0	0	0	%100
94	MP3C	Z	-3.031	-3.031	0	%100
95	MP2C	X	0	0	0	%100
96	MP2C	Z	-3.349	-3.349	0	%100
97	MP1C	X	0	0	0	%100
98	MP1C	Z	-3.031	-3.031	0	%100
99	M74	X	0	0	0	%100
100	M74	Z	-1.685	-1.685	0	%100
101	M75	X	0	0	0	%100
102	M75	Z	-1.685	-1.685	0	%100
103	M76	X	0	0	0	%100
104	M76	Z	-1.685	-1.685	0	%100
105	M77	X	0	0	0	%100
106	M77	Z	-1.685	-1.685	0	%100
107	M84	X	0	0	0	%100
108	M84	Z	-4.383	-4.383	0	%100
109	M85	X	0	0	0	%100
110	M85	Z	-.837	-.837	0	%100
111	M86	X	0	0	0	%100
112	M86	Z	-.837	-.837	0	%100
113	M95	X	0	0	0	%100
114	M95	Z	-.963	-.963	0	%100
115	M96	X	0	0	0	%100
116	M96	Z	-.963	-.963	0	%100
117	M97	X	0	0	0	%100
118	M97	Z	-.963	-.963	0	%100
119	M98	X	0	0	0	%100
120	M98	Z	-.963	-.963	0	%100
121	M99	X	0	0	0	%100
122	M99	Z	-.046	-.046	0	%100
123	M100	X	0	0	0	%100
124	M100	Z	-.046	-.046	0	%100
125	M101	X	0	0	0	%100
126	M101	Z	-2.009	-2.009	0	%100
127	M102	X	0	0	0	%100
128	M102	Z	-2.009	-2.009	0	%100
129	M103	X	0	0	0	%100
130	M103	Z	-.322	-.322	0	%100
131	M104	X	0	0	0	%100
132	M104	Z	-.322	-.322	0	%100
133	M105	X	0	0	0	%100
134	M105	Z	-.322	-.322	0	%100
135	M106	X	0	0	0	%100
136	M106	Z	-.322	-.322	0	%100
137	M107	X	0	0	0	%100
138	M107	Z	-1.218	-1.218	0	%100
139	M108	X	0	0	0	%100
140	M108	Z	-1.218	-1.218	0	%100
141	M109	X	0	0	0	%100
142	M109	Z	-1.788	-1.788	0	%100
143	M110	X	0	0	0	%100
144	M110	Z	-1.788	-1.788	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,%]
145	MP4B	X	0	0	0	%100
146	MP4B	Z	-3.031	-3.031	0	%100
147	MP3B	X	0	0	0	%100
148	MP3B	Z	-3.031	-3.031	0	%100
149	MP2B	X	0	0	0	%100
150	MP2B	Z	-3.349	-3.349	0	%100
151	MP1B	X	0	0	0	%100
152	MP1B	Z	-3.031	-3.031	0	%100
153	M115	X	0	0	0	%100
154	M115	Z	-1.685	-1.685	0	%100
155	M116	X	0	0	0	%100
156	M116	Z	-1.685	-1.685	0	%100
157	M117	X	0	0	0	%100
158	M117	Z	-1.685	-1.685	0	%100
159	M118	X	0	0	0	%100
160	M118	Z	-1.685	-1.685	0	%100
161	M125	X	0	0	0	%100
162	M125	Z	-4.383	-4.383	0	%100
163	M126	X	0	0	0	%100
164	M126	Z	-.86	-.86	0	%100
165	M129	X	0	0	0	%100
166	M129	Z	-.768	-.768	0	%100
167	M130	X	0	0	0	%100
168	M130	Z	-3.073	-3.073	0	%100
169	M131	X	0	0	0	%100
170	M131	Z	-.768	-.768	0	%100
171	M130A	X	0	0	0	%100
172	M130A	Z	-.66	-.66	0	%100
173	M131A	X	0	0	0	%100
174	M131A	Z	-3.027	-3.027	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	1.256	1.256	0	%100
2	M1	Z	-2.175	-2.175	0	%100
3	M2	X	1.256	1.256	0	%100
4	M2	Z	-2.175	-2.175	0	%100
5	M13	X	.161	.161	0	%100
6	M13	Z	-.278	-.278	0	%100
7	M14	X	.161	.161	0	%100
8	M14	Z	-.278	-.278	0	%100
9	M15	X	.161	.161	0	%100
10	M15	Z	-.278	-.278	0	%100
11	M16	X	.161	.161	0	%100
12	M16	Z	-.278	-.278	0	%100
13	M17	X	.163	.163	0	%100
14	M17	Z	-.282	-.282	0	%100
15	M18	X	.163	.163	0	%100
16	M18	Z	-.282	-.282	0	%100
17	M19	X	1.145	1.145	0	%100
18	M19	Z	-1.982	-1.982	0	%100
19	OVP	X	1.145	1.145	0	%100
20	OVP	Z	-1.982	-1.982	0	%100
21	M21	X	.483	.483	0	%100
22	M21	Z	-.837	-.837	0	%100
23	M22	X	.483	.483	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,%]
24	M22	Z	-.837	-.837	0	%100
25	M23	X	.483	.483	0	%100
26	M23	Z	-.837	-.837	0	%100
27	M24	X	.483	.483	0	%100
28	M24	Z	-.837	-.837	0	%100
29	M25	X	.65	.65	0	%100
30	M25	Z	-1.125	-1.125	0	%100
31	M26	X	.65	.65	0	%100
32	M26	Z	-1.125	-1.125	0	%100
33	M27	X	.935	.935	0	%100
34	M27	Z	-1.619	-1.619	0	%100
35	M28	X	.935	.935	0	%100
36	M28	Z	-1.619	-1.619	0	%100
37	MP4A	X	1.516	1.516	0	%100
38	MP4A	Z	-2.625	-2.625	0	%100
39	MP3A	X	1.516	1.516	0	%100
40	MP3A	Z	-2.625	-2.625	0	%100
41	MP2A	X	1.675	1.675	0	%100
42	MP2A	Z	-2.901	-2.901	0	%100
43	MP1A	X	1.516	1.516	0	%100
44	MP1A	Z	-2.625	-2.625	0	%100
45	M44	X	.843	.843	0	%100
46	M44	Z	-1.459	-1.459	0	%100
47	M45	X	.843	.843	0	%100
48	M45	Z	-1.459	-1.459	0	%100
49	M46	X	.843	.843	0	%100
50	M46	Z	-1.459	-1.459	0	%100
51	M47	X	.843	.843	0	%100
52	M47	Z	-1.459	-1.459	0	%100
53	M43	X	2.192	2.192	0	%100
54	M43	Z	-3.796	-3.796	0	%100
55	M44A	X	1.256	1.256	0	%100
56	M44A	Z	-2.175	-2.175	0	%100
57	M45A	X	1.256	1.256	0	%100
58	M45A	Z	-2.175	-2.175	0	%100
59	M54	X	.161	.161	0	%100
60	M54	Z	-.278	-.278	0	%100
61	M55	X	.161	.161	0	%100
62	M55	Z	-.278	-.278	0	%100
63	M56	X	.161	.161	0	%100
64	M56	Z	-.278	-.278	0	%100
65	M57	X	.161	.161	0	%100
66	M57	Z	-.278	-.278	0	%100
67	M58	X	1.145	1.145	0	%100
68	M58	Z	-1.982	-1.982	0	%100
69	M59	X	1.145	1.145	0	%100
70	M59	Z	-1.982	-1.982	0	%100
71	M60	X	.163	.163	0	%100
72	M60	Z	-.282	-.282	0	%100
73	M61	X	.163	.163	0	%100
74	M61	Z	-.282	-.282	0	%100
75	M62	X	.483	.483	0	%100
76	M62	Z	-.837	-.837	0	%100
77	M63	X	.483	.483	0	%100
78	M63	Z	-.837	-.837	0	%100
79	M64	X	.483	.483	0	%100
80	M64	Z	-.837	-.837	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,%]
81	M65	X	.483	.483	0	%100
82	M65	Z	-.837	-.837	0	%100
83	M66	X	.935	.935	0	%100
84	M66	Z	-1.619	-1.619	0	%100
85	M67	X	.935	.935	0	%100
86	M67	Z	-1.619	-1.619	0	%100
87	M68	X	.65	.65	0	%100
88	M68	Z	-1.125	-1.125	0	%100
89	M69	X	.65	.65	0	%100
90	M69	Z	-1.125	-1.125	0	%100
91	MP4C	X	1.516	1.516	0	%100
92	MP4C	Z	-2.625	-2.625	0	%100
93	MP3C	X	1.516	1.516	0	%100
94	MP3C	Z	-2.625	-2.625	0	%100
95	MP2C	X	1.675	1.675	0	%100
96	MP2C	Z	-2.901	-2.901	0	%100
97	MP1C	X	1.516	1.516	0	%100
98	MP1C	Z	-2.625	-2.625	0	%100
99	M74	X	.843	.843	0	%100
100	M74	Z	-1.459	-1.459	0	%100
101	M75	X	.843	.843	0	%100
102	M75	Z	-1.459	-1.459	0	%100
103	M76	X	.843	.843	0	%100
104	M76	Z	-1.459	-1.459	0	%100
105	M77	X	.843	.843	0	%100
106	M77	Z	-1.459	-1.459	0	%100
107	M84	X	2.192	2.192	0	%100
108	M84	Z	-3.796	-3.796	0	%100
109	M85	X	0	0	0	%100
110	M85	Z	0	0	0	%100
111	M86	X	0	0	0	%100
112	M86	Z	0	0	0	%100
113	M95	X	.642	.642	0	%100
114	M95	Z	-1.112	-1.112	0	%100
115	M96	X	.642	.642	0	%100
116	M96	Z	-1.112	-1.112	0	%100
117	M97	X	.642	.642	0	%100
118	M97	Z	-1.112	-1.112	0	%100
119	M98	X	.642	.642	0	%100
120	M98	Z	-1.112	-1.112	0	%100
121	M99	X	.444	.444	0	%100
122	M99	Z	-.769	-.769	0	%100
123	M100	X	.444	.444	0	%100
124	M100	Z	-.769	-.769	0	%100
125	M101	X	.444	.444	0	%100
126	M101	Z	-.769	-.769	0	%100
127	M102	X	.444	.444	0	%100
128	M102	Z	-.769	-.769	0	%100
129	M103	X	0	0	0	%100
130	M103	Z	0	0	0	%100
131	M104	X	0	0	0	%100
132	M104	Z	0	0	0	%100
133	M105	X	0	0	0	%100
134	M105	Z	0	0	0	%100
135	M106	X	0	0	0	%100
136	M106	Z	0	0	0	%100
137	M107	X	.731	.731	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,%]
138	M107	Z	-1.266	-1.266	0	%100
139	M108	X	.731	.731	0	%100
140	M108	Z	-1.266	-1.266	0	%100
141	M109	X	.731	.731	0	%100
142	M109	Z	-1.266	-1.266	0	%100
143	M110	X	.731	.731	0	%100
144	M110	Z	-1.266	-1.266	0	%100
145	MP4B	X	1.516	1.516	0	%100
146	MP4B	Z	-2.625	-2.625	0	%100
147	MP3B	X	1.516	1.516	0	%100
148	MP3B	Z	-2.625	-2.625	0	%100
149	MP2B	X	1.675	1.675	0	%100
150	MP2B	Z	-2.901	-2.901	0	%100
151	MP1B	X	1.516	1.516	0	%100
152	MP1B	Z	-2.625	-2.625	0	%100
153	M115	X	.843	.843	0	%100
154	M115	Z	-1.459	-1.459	0	%100
155	M116	X	.843	.843	0	%100
156	M116	Z	-1.459	-1.459	0	%100
157	M117	X	.843	.843	0	%100
158	M117	Z	-1.459	-1.459	0	%100
159	M118	X	.843	.843	0	%100
160	M118	Z	-1.459	-1.459	0	%100
161	M125	X	2.192	2.192	0	%100
162	M125	Z	-3.796	-3.796	0	%100
163	M126	X	1.186	1.186	0	%100
164	M126	Z	-2.053	-2.053	0	%100
165	M129	X	0	0	0	%100
166	M129	Z	0	0	0	%100
167	M130	X	1.152	1.152	0	%100
168	M130	Z	-1.996	-1.996	0	%100
169	M131	X	1.152	1.152	0	%100
170	M131	Z	-1.996	-1.996	0	%100
171	M130A	X	.002	.002	0	%100
172	M130A	Z	-.004	-.004	0	%100
173	M131A	X	1.086	1.086	0	%100
174	M131A	Z	-1.88	-1.88	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.725	.725	0	%100
2	M1	Z	-.419	-.419	0	%100
3	M2	X	.725	.725	0	%100
4	M2	Z	-.419	-.419	0	%100
5	M13	X	.834	.834	0	%100
6	M13	Z	-.482	-.482	0	%100
7	M14	X	.834	.834	0	%100
8	M14	Z	-.482	-.482	0	%100
9	M15	X	.834	.834	0	%100
10	M15	Z	-.482	-.482	0	%100
11	M16	X	.834	.834	0	%100
12	M16	Z	-.482	-.482	0	%100
13	M17	X	.04	.04	0	%100
14	M17	Z	-.023	-.023	0	%100
15	M18	X	.04	.04	0	%100
16	M18	Z	-.023	-.023	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,%]
17	M19	X	1.74	1.74	0	%100
18	M19	Z	-1.005	-1.005	0	%100
19	OVP	X	1.74	1.74	0	%100
20	OVP	Z	-1.005	-1.005	0	%100
21	M21	X	.279	.279	0	%100
22	M21	Z	-.161	-.161	0	%100
23	M22	X	.279	.279	0	%100
24	M22	Z	-.161	-.161	0	%100
25	M23	X	.279	.279	0	%100
26	M23	Z	-.161	-.161	0	%100
27	M24	X	.279	.279	0	%100
28	M24	Z	-.161	-.161	0	%100
29	M25	X	1.055	1.055	0	%100
30	M25	Z	-.609	-.609	0	%100
31	M26	X	1.055	1.055	0	%100
32	M26	Z	-.609	-.609	0	%100
33	M27	X	1.549	1.549	0	%100
34	M27	Z	-.894	-.894	0	%100
35	M28	X	1.549	1.549	0	%100
36	M28	Z	-.894	-.894	0	%100
37	MP4A	X	2.625	2.625	0	%100
38	MP4A	Z	-1.516	-1.516	0	%100
39	MP3A	X	2.625	2.625	0	%100
40	MP3A	Z	-1.516	-1.516	0	%100
41	MP2A	X	2.901	2.901	0	%100
42	MP2A	Z	-1.675	-1.675	0	%100
43	MP1A	X	2.625	2.625	0	%100
44	MP1A	Z	-1.516	-1.516	0	%100
45	M44	X	1.459	1.459	0	%100
46	M44	Z	-.843	-.843	0	%100
47	M45	X	1.459	1.459	0	%100
48	M45	Z	-.843	-.843	0	%100
49	M46	X	1.459	1.459	0	%100
50	M46	Z	-.843	-.843	0	%100
51	M47	X	1.459	1.459	0	%100
52	M47	Z	-.843	-.843	0	%100
53	M43	X	3.796	3.796	0	%100
54	M43	Z	-2.192	-2.192	0	%100
55	M44A	X	2.901	2.901	0	%100
56	M44A	Z	-1.675	-1.675	0	%100
57	M45A	X	2.901	2.901	0	%100
58	M45A	Z	-1.675	-1.675	0	%100
59	M54	X	0	0	0	%100
60	M54	Z	0	0	0	%100
61	M55	X	0	0	0	%100
62	M55	Z	0	0	0	%100
63	M56	X	0	0	0	%100
64	M56	Z	0	0	0	%100
65	M57	X	0	0	0	%100
66	M57	Z	0	0	0	%100
67	M58	X	1.254	1.254	0	%100
68	M58	Z	-.724	-.724	0	%100
69	M59	X	1.254	1.254	0	%100
70	M59	Z	-.724	-.724	0	%100
71	M60	X	1.254	1.254	0	%100
72	M60	Z	-.724	-.724	0	%100
73	M61	X	1.254	1.254	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,%]
74	M61	Z	-.724	-.724	0	%100
75	M62	X	1.116	1.116	0	%100
76	M62	Z	-.644	-.644	0	%100
77	M63	X	1.116	1.116	0	%100
78	M63	Z	-.644	-.644	0	%100
79	M64	X	1.116	1.116	0	%100
80	M64	Z	-.644	-.644	0	%100
81	M65	X	1.116	1.116	0	%100
82	M65	Z	-.644	-.644	0	%100
83	M66	X	1.407	1.407	0	%100
84	M66	Z	-.812	-.812	0	%100
85	M67	X	1.407	1.407	0	%100
86	M67	Z	-.812	-.812	0	%100
87	M68	X	1.407	1.407	0	%100
88	M68	Z	-.812	-.812	0	%100
89	M69	X	1.407	1.407	0	%100
90	M69	Z	-.812	-.812	0	%100
91	MP4C	X	2.625	2.625	0	%100
92	MP4C	Z	-1.516	-1.516	0	%100
93	MP3C	X	2.625	2.625	0	%100
94	MP3C	Z	-1.516	-1.516	0	%100
95	MP2C	X	2.901	2.901	0	%100
96	MP2C	Z	-1.675	-1.675	0	%100
97	MP1C	X	2.625	2.625	0	%100
98	MP1C	Z	-1.516	-1.516	0	%100
99	M74	X	1.459	1.459	0	%100
100	M74	Z	-.843	-.843	0	%100
101	M75	X	1.459	1.459	0	%100
102	M75	Z	-.843	-.843	0	%100
103	M76	X	1.459	1.459	0	%100
104	M76	Z	-.843	-.843	0	%100
105	M77	X	1.459	1.459	0	%100
106	M77	Z	-.843	-.843	0	%100
107	M84	X	3.796	3.796	0	%100
108	M84	Z	-2.192	-2.192	0	%100
109	M85	X	.725	.725	0	%100
110	M85	Z	-.419	-.419	0	%100
111	M86	X	.725	.725	0	%100
112	M86	Z	-.419	-.419	0	%100
113	M95	X	.834	.834	0	%100
114	M95	Z	-.482	-.482	0	%100
115	M96	X	.834	.834	0	%100
116	M96	Z	-.482	-.482	0	%100
117	M97	X	.834	.834	0	%100
118	M97	Z	-.482	-.482	0	%100
119	M98	X	.834	.834	0	%100
120	M98	Z	-.482	-.482	0	%100
121	M99	X	1.74	1.74	0	%100
122	M99	Z	-1.005	-1.005	0	%100
123	M100	X	1.74	1.74	0	%100
124	M100	Z	-1.005	-1.005	0	%100
125	M101	X	.04	.04	0	%100
126	M101	Z	-.023	-.023	0	%100
127	M102	X	.04	.04	0	%100
128	M102	Z	-.023	-.023	0	%100
129	M103	X	.279	.279	0	%100
130	M103	Z	-.161	-.161	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,%]
131	M104	X	.279	.279	0	%100
132	M104	Z	-.161	-.161	0	%100
133	M105	X	.279	.279	0	%100
134	M105	Z	-.161	-.161	0	%100
135	M106	X	.279	.279	0	%100
136	M106	Z	-.161	-.161	0	%100
137	M107	X	1.549	1.549	0	%100
138	M107	Z	-.894	-.894	0	%100
139	M108	X	1.549	1.549	0	%100
140	M108	Z	-.894	-.894	0	%100
141	M109	X	1.055	1.055	0	%100
142	M109	Z	-.609	-.609	0	%100
143	M110	X	1.055	1.055	0	%100
144	M110	Z	-.609	-.609	0	%100
145	MP4B	X	2.625	2.625	0	%100
146	MP4B	Z	-1.516	-1.516	0	%100
147	MP3B	X	2.625	2.625	0	%100
148	MP3B	Z	-1.516	-1.516	0	%100
149	MP2B	X	2.901	2.901	0	%100
150	MP2B	Z	-1.675	-1.675	0	%100
151	MP1B	X	2.625	2.625	0	%100
152	MP1B	Z	-1.516	-1.516	0	%100
153	M115	X	1.459	1.459	0	%100
154	M115	Z	-.843	-.843	0	%100
155	M116	X	1.459	1.459	0	%100
156	M116	Z	-.843	-.843	0	%100
157	M117	X	1.459	1.459	0	%100
158	M117	Z	-.843	-.843	0	%100
159	M118	X	1.459	1.459	0	%100
160	M118	Z	-.843	-.843	0	%100
161	M125	X	3.796	3.796	0	%100
162	M125	Z	-2.192	-2.192	0	%100
163	M126	X	2.621	2.621	0	%100
164	M126	Z	-1.513	-1.513	0	%100
165	M129	X	.665	.665	0	%100
166	M129	Z	-.384	-.384	0	%100
167	M130	X	.665	.665	0	%100
168	M130	Z	-.384	-.384	0	%100
169	M131	X	2.661	2.661	0	%100
170	M131	Z	-1.536	-1.536	0	%100
171	M130A	X	.745	.745	0	%100
172	M130A	Z	-.43	-.43	0	%100
173	M131A	X	.572	.572	0	%100
174	M131A	Z	-.33	-.33	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M13	X	1.284	1.284	0	%100
6	M13	Z	0	0	0	%100
7	M14	X	1.284	1.284	0	%100
8	M14	Z	0	0	0	%100
9	M15	X	1.284	1.284	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,%]
10	M15	Z	0	0	0	%100
11	M16	X	1.284	1.284	0	%100
12	M16	Z	0	0	0	%100
13	M17	X	.888	.888	0	%100
14	M17	Z	0	0	0	%100
15	M18	X	.888	.888	0	%100
16	M18	Z	0	0	0	%100
17	M19	X	.888	.888	0	%100
18	M19	Z	0	0	0	%100
19	OVP	X	.888	.888	0	%100
20	OVP	Z	0	0	0	%100
21	M21	X	0	0	0	%100
22	M21	Z	0	0	0	%100
23	M22	X	0	0	0	%100
24	M22	Z	0	0	0	%100
25	M23	X	0	0	0	%100
26	M23	Z	0	0	0	%100
27	M24	X	0	0	0	%100
28	M24	Z	0	0	0	%100
29	M25	X	1.462	1.462	0	%100
30	M25	Z	0	0	0	%100
31	M26	X	1.462	1.462	0	%100
32	M26	Z	0	0	0	%100
33	M27	X	1.462	1.462	0	%100
34	M27	Z	0	0	0	%100
35	M28	X	1.462	1.462	0	%100
36	M28	Z	0	0	0	%100
37	MP4A	X	3.031	3.031	0	%100
38	MP4A	Z	0	0	0	%100
39	MP3A	X	3.031	3.031	0	%100
40	MP3A	Z	0	0	0	%100
41	MP2A	X	3.349	3.349	0	%100
42	MP2A	Z	0	0	0	%100
43	MP1A	X	3.031	3.031	0	%100
44	MP1A	Z	0	0	0	%100
45	M44	X	1.685	1.685	0	%100
46	M44	Z	0	0	0	%100
47	M45	X	1.685	1.685	0	%100
48	M45	Z	0	0	0	%100
49	M46	X	1.685	1.685	0	%100
50	M46	Z	0	0	0	%100
51	M47	X	1.685	1.685	0	%100
52	M47	Z	0	0	0	%100
53	M43	X	4.383	4.383	0	%100
54	M43	Z	0	0	0	%100
55	M44A	X	2.512	2.512	0	%100
56	M44A	Z	0	0	0	%100
57	M45A	X	2.512	2.512	0	%100
58	M45A	Z	0	0	0	%100
59	M54	X	.321	.321	0	%100
60	M54	Z	0	0	0	%100
61	M55	X	.321	.321	0	%100
62	M55	Z	0	0	0	%100
63	M56	X	.321	.321	0	%100
64	M56	Z	0	0	0	%100
65	M57	X	.321	.321	0	%100
66	M57	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,%]
67	M58	X	.326	.326	0	%100
68	M58	Z	0	0	0	%100
69	M59	X	.326	.326	0	%100
70	M59	Z	0	0	0	%100
71	M60	X	2.289	2.289	0	%100
72	M60	Z	0	0	0	%100
73	M61	X	2.289	2.289	0	%100
74	M61	Z	0	0	0	%100
75	M62	X	.967	.967	0	%100
76	M62	Z	0	0	0	%100
77	M63	X	.967	.967	0	%100
78	M63	Z	0	0	0	%100
79	M64	X	.967	.967	0	%100
80	M64	Z	0	0	0	%100
81	M65	X	.967	.967	0	%100
82	M65	Z	0	0	0	%100
83	M66	X	1.299	1.299	0	%100
84	M66	Z	0	0	0	%100
85	M67	X	1.299	1.299	0	%100
86	M67	Z	0	0	0	%100
87	M68	X	1.869	1.869	0	%100
88	M68	Z	0	0	0	%100
89	M69	X	1.869	1.869	0	%100
90	M69	Z	0	0	0	%100
91	MP4C	X	3.031	3.031	0	%100
92	MP4C	Z	0	0	0	%100
93	MP3C	X	3.031	3.031	0	%100
94	MP3C	Z	0	0	0	%100
95	MP2C	X	3.349	3.349	0	%100
96	MP2C	Z	0	0	0	%100
97	MP1C	X	3.031	3.031	0	%100
98	MP1C	Z	0	0	0	%100
99	M74	X	1.685	1.685	0	%100
100	M74	Z	0	0	0	%100
101	M75	X	1.685	1.685	0	%100
102	M75	Z	0	0	0	%100
103	M76	X	1.685	1.685	0	%100
104	M76	Z	0	0	0	%100
105	M77	X	1.685	1.685	0	%100
106	M77	Z	0	0	0	%100
107	M84	X	4.383	4.383	0	%100
108	M84	Z	0	0	0	%100
109	M85	X	2.512	2.512	0	%100
110	M85	Z	0	0	0	%100
111	M86	X	2.512	2.512	0	%100
112	M86	Z	0	0	0	%100
113	M95	X	.321	.321	0	%100
114	M95	Z	0	0	0	%100
115	M96	X	.321	.321	0	%100
116	M96	Z	0	0	0	%100
117	M97	X	.321	.321	0	%100
118	M97	Z	0	0	0	%100
119	M98	X	.321	.321	0	%100
120	M98	Z	0	0	0	%100
121	M99	X	2.289	2.289	0	%100
122	M99	Z	0	0	0	%100
123	M100	X	2.289	2.289	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,%]
124	M100	Z	0	0	0	%100
125	M101	X	.326	.326	0	%100
126	M101	Z	0	0	0	%100
127	M102	X	.326	.326	0	%100
128	M102	Z	0	0	0	%100
129	M103	X	.967	.967	0	%100
130	M103	Z	0	0	0	%100
131	M104	X	.967	.967	0	%100
132	M104	Z	0	0	0	%100
133	M105	X	.967	.967	0	%100
134	M105	Z	0	0	0	%100
135	M106	X	.967	.967	0	%100
136	M106	Z	0	0	0	%100
137	M107	X	1.869	1.869	0	%100
138	M107	Z	0	0	0	%100
139	M108	X	1.869	1.869	0	%100
140	M108	Z	0	0	0	%100
141	M109	X	1.299	1.299	0	%100
142	M109	Z	0	0	0	%100
143	M110	X	1.299	1.299	0	%100
144	M110	Z	0	0	0	%100
145	MP4B	X	3.031	3.031	0	%100
146	MP4B	Z	0	0	0	%100
147	MP3B	X	3.031	3.031	0	%100
148	MP3B	Z	0	0	0	%100
149	MP2B	X	3.349	3.349	0	%100
150	MP2B	Z	0	0	0	%100
151	MP1B	X	3.031	3.031	0	%100
152	MP1B	Z	0	0	0	%100
153	M115	X	1.685	1.685	0	%100
154	M115	Z	0	0	0	%100
155	M116	X	1.685	1.685	0	%100
156	M116	Z	0	0	0	%100
157	M117	X	1.685	1.685	0	%100
158	M117	Z	0	0	0	%100
159	M118	X	1.685	1.685	0	%100
160	M118	Z	0	0	0	%100
161	M125	X	4.383	4.383	0	%100
162	M125	Z	0	0	0	%100
163	M126	X	2.171	2.171	0	%100
164	M126	Z	0	0	0	%100
165	M129	X	2.305	2.305	0	%100
166	M129	Z	0	0	0	%100
167	M130	X	0	0	0	%100
168	M130	Z	0	0	0	%100
169	M131	X	2.305	2.305	0	%100
170	M131	Z	0	0	0	%100
171	M130A	X	2.371	2.371	0	%100
172	M130A	Z	0	0	0	%100
173	M131A	X	.004	.004	0	%100
174	M131A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.725	.725	0	%100
2	M1	Z	.419	.419	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,%]
3	M2	X	.725	.725	0	%100
4	M2	Z	.419	.419	0	%100
5	M13	X	.834	.834	0	%100
6	M13	Z	.482	.482	0	%100
7	M14	X	.834	.834	0	%100
8	M14	Z	.482	.482	0	%100
9	M15	X	.834	.834	0	%100
10	M15	Z	.482	.482	0	%100
11	M16	X	.834	.834	0	%100
12	M16	Z	.482	.482	0	%100
13	M17	X	1.74	1.74	0	%100
14	M17	Z	1.005	1.005	0	%100
15	M18	X	1.74	1.74	0	%100
16	M18	Z	1.005	1.005	0	%100
17	M19	X	.04	.04	0	%100
18	M19	Z	.023	.023	0	%100
19	OVP	X	.04	.04	0	%100
20	OVP	Z	.023	.023	0	%100
21	M21	X	.279	.279	0	%100
22	M21	Z	.161	.161	0	%100
23	M22	X	.279	.279	0	%100
24	M22	Z	.161	.161	0	%100
25	M23	X	.279	.279	0	%100
26	M23	Z	.161	.161	0	%100
27	M24	X	.279	.279	0	%100
28	M24	Z	.161	.161	0	%100
29	M25	X	1.549	1.549	0	%100
30	M25	Z	.894	.894	0	%100
31	M26	X	1.549	1.549	0	%100
32	M26	Z	.894	.894	0	%100
33	M27	X	1.055	1.055	0	%100
34	M27	Z	.609	.609	0	%100
35	M28	X	1.055	1.055	0	%100
36	M28	Z	.609	.609	0	%100
37	MP4A	X	2.625	2.625	0	%100
38	MP4A	Z	1.516	1.516	0	%100
39	MP3A	X	2.625	2.625	0	%100
40	MP3A	Z	1.516	1.516	0	%100
41	MP2A	X	2.901	2.901	0	%100
42	MP2A	Z	1.675	1.675	0	%100
43	MP1A	X	2.625	2.625	0	%100
44	MP1A	Z	1.516	1.516	0	%100
45	M44	X	1.459	1.459	0	%100
46	M44	Z	.843	.843	0	%100
47	M45	X	1.459	1.459	0	%100
48	M45	Z	.843	.843	0	%100
49	M46	X	1.459	1.459	0	%100
50	M46	Z	.843	.843	0	%100
51	M47	X	1.459	1.459	0	%100
52	M47	Z	.843	.843	0	%100
53	M43	X	3.796	3.796	0	%100
54	M43	Z	2.192	2.192	0	%100
55	M44A	X	.725	.725	0	%100
56	M44A	Z	.419	.419	0	%100
57	M45A	X	.725	.725	0	%100
58	M45A	Z	.419	.419	0	%100
59	M54	X	.834	.834	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,%]
60	M54	Z	.482	.482	0	%100
61	M55	X	.834	.834	0	%100
62	M55	Z	.482	.482	0	%100
63	M56	X	.834	.834	0	%100
64	M56	Z	.482	.482	0	%100
65	M57	X	.834	.834	0	%100
66	M57	Z	.482	.482	0	%100
67	M58	X	.04	.04	0	%100
68	M58	Z	.023	.023	0	%100
69	M59	X	.04	.04	0	%100
70	M59	Z	.023	.023	0	%100
71	M60	X	1.74	1.74	0	%100
72	M60	Z	1.005	1.005	0	%100
73	M61	X	1.74	1.74	0	%100
74	M61	Z	1.005	1.005	0	%100
75	M62	X	.279	.279	0	%100
76	M62	Z	.161	.161	0	%100
77	M63	X	.279	.279	0	%100
78	M63	Z	.161	.161	0	%100
79	M64	X	.279	.279	0	%100
80	M64	Z	.161	.161	0	%100
81	M65	X	.279	.279	0	%100
82	M65	Z	.161	.161	0	%100
83	M66	X	1.055	1.055	0	%100
84	M66	Z	.609	.609	0	%100
85	M67	X	1.055	1.055	0	%100
86	M67	Z	.609	.609	0	%100
87	M68	X	1.549	1.549	0	%100
88	M68	Z	.894	.894	0	%100
89	M69	X	1.549	1.549	0	%100
90	M69	Z	.894	.894	0	%100
91	MP4C	X	2.625	2.625	0	%100
92	MP4C	Z	1.516	1.516	0	%100
93	MP3C	X	2.625	2.625	0	%100
94	MP3C	Z	1.516	1.516	0	%100
95	MP2C	X	2.901	2.901	0	%100
96	MP2C	Z	1.675	1.675	0	%100
97	MP1C	X	2.625	2.625	0	%100
98	MP1C	Z	1.516	1.516	0	%100
99	M74	X	1.459	1.459	0	%100
100	M74	Z	.843	.843	0	%100
101	M75	X	1.459	1.459	0	%100
102	M75	Z	.843	.843	0	%100
103	M76	X	1.459	1.459	0	%100
104	M76	Z	.843	.843	0	%100
105	M77	X	1.459	1.459	0	%100
106	M77	Z	.843	.843	0	%100
107	M84	X	3.796	3.796	0	%100
108	M84	Z	2.192	2.192	0	%100
109	M85	X	2.901	2.901	0	%100
110	M85	Z	1.675	1.675	0	%100
111	M86	X	2.901	2.901	0	%100
112	M86	Z	1.675	1.675	0	%100
113	M95	X	0	0	0	%100
114	M95	Z	0	0	0	%100
115	M96	X	0	0	0	%100
116	M96	Z	0	0	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,%]
117	M97	X	0	0	0	%100
118	M97	Z	0	0	0	%100
119	M98	X	0	0	0	%100
120	M98	Z	0	0	0	%100
121	M99	X	1.254	1.254	0	%100
122	M99	Z	.724	.724	0	%100
123	M100	X	1.254	1.254	0	%100
124	M100	Z	.724	.724	0	%100
125	M101	X	1.254	1.254	0	%100
126	M101	Z	.724	.724	0	%100
127	M102	X	1.254	1.254	0	%100
128	M102	Z	.724	.724	0	%100
129	M103	X	1.116	1.116	0	%100
130	M103	Z	.644	.644	0	%100
131	M104	X	1.116	1.116	0	%100
132	M104	Z	.644	.644	0	%100
133	M105	X	1.116	1.116	0	%100
134	M105	Z	.644	.644	0	%100
135	M106	X	1.116	1.116	0	%100
136	M106	Z	.644	.644	0	%100
137	M107	X	1.407	1.407	0	%100
138	M107	Z	.812	.812	0	%100
139	M108	X	1.407	1.407	0	%100
140	M108	Z	.812	.812	0	%100
141	M109	X	1.407	1.407	0	%100
142	M109	Z	.812	.812	0	%100
143	M110	X	1.407	1.407	0	%100
144	M110	Z	.812	.812	0	%100
145	MP4B	X	2.625	2.625	0	%100
146	MP4B	Z	1.516	1.516	0	%100
147	MP3B	X	2.625	2.625	0	%100
148	MP3B	Z	1.516	1.516	0	%100
149	MP2B	X	2.901	2.901	0	%100
150	MP2B	Z	1.675	1.675	0	%100
151	MP1B	X	2.625	2.625	0	%100
152	MP1B	Z	1.516	1.516	0	%100
153	M115	X	1.459	1.459	0	%100
154	M115	Z	.843	.843	0	%100
155	M116	X	1.459	1.459	0	%100
156	M116	Z	.843	.843	0	%100
157	M117	X	1.459	1.459	0	%100
158	M117	Z	.843	.843	0	%100
159	M118	X	1.459	1.459	0	%100
160	M118	Z	.843	.843	0	%100
161	M125	X	3.796	3.796	0	%100
162	M125	Z	2.192	2.192	0	%100
163	M126	X	.572	.572	0	%100
164	M126	Z	.33	.33	0	%100
165	M129	X	2.661	2.661	0	%100
166	M129	Z	1.536	1.536	0	%100
167	M130	X	.665	.665	0	%100
168	M130	Z	.384	.384	0	%100
169	M131	X	.665	.665	0	%100
170	M131	Z	.384	.384	0	%100
171	M130A	X	2.621	2.621	0	%100
172	M130A	Z	1.513	1.513	0	%100
173	M131A	X	.745	.745	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,%]
174	M131A	Z	.43	.43	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	1.256	1.256	0	%100
2	M1	Z	2.175	2.175	0	%100
3	M2	X	1.256	1.256	0	%100
4	M2	Z	2.175	2.175	0	%100
5	M13	X	.161	.161	0	%100
6	M13	Z	.278	.278	0	%100
7	M14	X	.161	.161	0	%100
8	M14	Z	.278	.278	0	%100
9	M15	X	.161	.161	0	%100
10	M15	Z	.278	.278	0	%100
11	M16	X	.161	.161	0	%100
12	M16	Z	.278	.278	0	%100
13	M17	X	1.145	1.145	0	%100
14	M17	Z	1.982	1.982	0	%100
15	M18	X	1.145	1.145	0	%100
16	M18	Z	1.982	1.982	0	%100
17	M19	X	.163	.163	0	%100
18	M19	Z	.282	.282	0	%100
19	OVP	X	.163	.163	0	%100
20	OVP	Z	.282	.282	0	%100
21	M21	X	.483	.483	0	%100
22	M21	Z	.837	.837	0	%100
23	M22	X	.483	.483	0	%100
24	M22	Z	.837	.837	0	%100
25	M23	X	.483	.483	0	%100
26	M23	Z	.837	.837	0	%100
27	M24	X	.483	.483	0	%100
28	M24	Z	.837	.837	0	%100
29	M25	X	.935	.935	0	%100
30	M25	Z	1.619	1.619	0	%100
31	M26	X	.935	.935	0	%100
32	M26	Z	1.619	1.619	0	%100
33	M27	X	.65	.65	0	%100
34	M27	Z	1.125	1.125	0	%100
35	M28	X	.65	.65	0	%100
36	M28	Z	1.125	1.125	0	%100
37	MP4A	X	1.516	1.516	0	%100
38	MP4A	Z	2.625	2.625	0	%100
39	MP3A	X	1.516	1.516	0	%100
40	MP3A	Z	2.625	2.625	0	%100
41	MP2A	X	1.675	1.675	0	%100
42	MP2A	Z	2.901	2.901	0	%100
43	MP1A	X	1.516	1.516	0	%100
44	MP1A	Z	2.625	2.625	0	%100
45	M44	X	.843	.843	0	%100
46	M44	Z	1.459	1.459	0	%100
47	M45	X	.843	.843	0	%100
48	M45	Z	1.459	1.459	0	%100
49	M46	X	.843	.843	0	%100
50	M46	Z	1.459	1.459	0	%100
51	M47	X	.843	.843	0	%100
52	M47	Z	1.459	1.459	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,%]
53	M43	X	2.192	2.192	0	%100
54	M43	Z	3.796	3.796	0	%100
55	M44A	X	0	0	0	%100
56	M44A	Z	0	0	0	%100
57	M45A	X	0	0	0	%100
58	M45A	Z	0	0	0	%100
59	M54	X	.642	.642	0	%100
60	M54	Z	1.112	1.112	0	%100
61	M55	X	.642	.642	0	%100
62	M55	Z	1.112	1.112	0	%100
63	M56	X	.642	.642	0	%100
64	M56	Z	1.112	1.112	0	%100
65	M57	X	.642	.642	0	%100
66	M57	Z	1.112	1.112	0	%100
67	M58	X	.444	.444	0	%100
68	M58	Z	.769	.769	0	%100
69	M59	X	.444	.444	0	%100
70	M59	Z	.769	.769	0	%100
71	M60	X	.444	.444	0	%100
72	M60	Z	.769	.769	0	%100
73	M61	X	.444	.444	0	%100
74	M61	Z	.769	.769	0	%100
75	M62	X	0	0	0	%100
76	M62	Z	0	0	0	%100
77	M63	X	0	0	0	%100
78	M63	Z	0	0	0	%100
79	M64	X	0	0	0	%100
80	M64	Z	0	0	0	%100
81	M65	X	0	0	0	%100
82	M65	Z	0	0	0	%100
83	M66	X	.731	.731	0	%100
84	M66	Z	1.266	1.266	0	%100
85	M67	X	.731	.731	0	%100
86	M67	Z	1.266	1.266	0	%100
87	M68	X	.731	.731	0	%100
88	M68	Z	1.266	1.266	0	%100
89	M69	X	.731	.731	0	%100
90	M69	Z	1.266	1.266	0	%100
91	MP4C	X	1.516	1.516	0	%100
92	MP4C	Z	2.625	2.625	0	%100
93	MP3C	X	1.516	1.516	0	%100
94	MP3C	Z	2.625	2.625	0	%100
95	MP2C	X	1.675	1.675	0	%100
96	MP2C	Z	2.901	2.901	0	%100
97	MP1C	X	1.516	1.516	0	%100
98	MP1C	Z	2.625	2.625	0	%100
99	M74	X	.843	.843	0	%100
100	M74	Z	1.459	1.459	0	%100
101	M75	X	.843	.843	0	%100
102	M75	Z	1.459	1.459	0	%100
103	M76	X	.843	.843	0	%100
104	M76	Z	1.459	1.459	0	%100
105	M77	X	.843	.843	0	%100
106	M77	Z	1.459	1.459	0	%100
107	M84	X	2.192	2.192	0	%100
108	M84	Z	3.796	3.796	0	%100
109	M85	X	1.256	1.256	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,%]
110	M85	Z	2.175	2.175	0	%100
111	M86	X	1.256	1.256	0	%100
112	M86	Z	2.175	2.175	0	%100
113	M95	X	.161	.161	0	%100
114	M95	Z	.278	.278	0	%100
115	M96	X	.161	.161	0	%100
116	M96	Z	.278	.278	0	%100
117	M97	X	.161	.161	0	%100
118	M97	Z	.278	.278	0	%100
119	M98	X	.161	.161	0	%100
120	M98	Z	.278	.278	0	%100
121	M99	X	.163	.163	0	%100
122	M99	Z	.282	.282	0	%100
123	M100	X	.163	.163	0	%100
124	M100	Z	.282	.282	0	%100
125	M101	X	1.145	1.145	0	%100
126	M101	Z	1.982	1.982	0	%100
127	M102	X	1.145	1.145	0	%100
128	M102	Z	1.982	1.982	0	%100
129	M103	X	.483	.483	0	%100
130	M103	Z	.837	.837	0	%100
131	M104	X	.483	.483	0	%100
132	M104	Z	.837	.837	0	%100
133	M105	X	.483	.483	0	%100
134	M105	Z	.837	.837	0	%100
135	M106	X	.483	.483	0	%100
136	M106	Z	.837	.837	0	%100
137	M107	X	.65	.65	0	%100
138	M107	Z	1.125	1.125	0	%100
139	M108	X	.65	.65	0	%100
140	M108	Z	1.125	1.125	0	%100
141	M109	X	.935	.935	0	%100
142	M109	Z	1.619	1.619	0	%100
143	M110	X	.935	.935	0	%100
144	M110	Z	1.619	1.619	0	%100
145	MP4B	X	1.516	1.516	0	%100
146	MP4B	Z	2.625	2.625	0	%100
147	MP3B	X	1.516	1.516	0	%100
148	MP3B	Z	2.625	2.625	0	%100
149	MP2B	X	1.675	1.675	0	%100
150	MP2B	Z	2.901	2.901	0	%100
151	MP1B	X	1.516	1.516	0	%100
152	MP1B	Z	2.625	2.625	0	%100
153	M115	X	.843	.843	0	%100
154	M115	Z	1.459	1.459	0	%100
155	M116	X	.843	.843	0	%100
156	M116	Z	1.459	1.459	0	%100
157	M117	X	.843	.843	0	%100
158	M117	Z	1.459	1.459	0	%100
159	M118	X	.843	.843	0	%100
160	M118	Z	1.459	1.459	0	%100
161	M125	X	2.192	2.192	0	%100
162	M125	Z	3.796	3.796	0	%100
163	M126	X	.002	.002	0	%100
164	M126	Z	.004	.004	0	%100
165	M129	X	1.152	1.152	0	%100
166	M129	Z	1.996	1.996	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,%]
167	M130	X	1.152	1.152	0	%100
168	M130	Z	1.996	1.996	0	%100
169	M131	X	0	0	0	%100
170	M131	Z	0	0	0	%100
171	M130A	X	1.086	1.086	0	%100
172	M130A	Z	1.88	1.88	0	%100
173	M131A	X	1.186	1.186	0	%100
174	M131A	Z	2.053	2.053	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	3.349	3.349	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	3.349	3.349	0	%100
5	M13	X	0	0	0	%100
6	M13	Z	0	0	0	%100
7	M14	X	0	0	0	%100
8	M14	Z	0	0	0	%100
9	M15	X	0	0	0	%100
10	M15	Z	0	0	0	%100
11	M16	X	0	0	0	%100
12	M16	Z	0	0	0	%100
13	M17	X	0	0	0	%100
14	M17	Z	1.447	1.447	0	%100
15	M18	X	0	0	0	%100
16	M18	Z	1.447	1.447	0	%100
17	M19	X	0	0	0	%100
18	M19	Z	1.447	1.447	0	%100
19	OVP	X	0	0	0	%100
20	OVP	Z	1.447	1.447	0	%100
21	M21	X	0	0	0	%100
22	M21	Z	1.289	1.289	0	%100
23	M22	X	0	0	0	%100
24	M22	Z	1.289	1.289	0	%100
25	M23	X	0	0	0	%100
26	M23	Z	1.289	1.289	0	%100
27	M24	X	0	0	0	%100
28	M24	Z	1.289	1.289	0	%100
29	M25	X	0	0	0	%100
30	M25	Z	1.625	1.625	0	%100
31	M26	X	0	0	0	%100
32	M26	Z	1.625	1.625	0	%100
33	M27	X	0	0	0	%100
34	M27	Z	1.625	1.625	0	%100
35	M28	X	0	0	0	%100
36	M28	Z	1.625	1.625	0	%100
37	MP4A	X	0	0	0	%100
38	MP4A	Z	3.031	3.031	0	%100
39	MP3A	X	0	0	0	%100
40	MP3A	Z	3.031	3.031	0	%100
41	MP2A	X	0	0	0	%100
42	MP2A	Z	3.349	3.349	0	%100
43	MP1A	X	0	0	0	%100
44	MP1A	Z	3.031	3.031	0	%100
45	M44	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
46	M44	Z	1.685	1.685	0	%100
47	M45	X	0	0	0	%100
48	M45	Z	1.685	1.685	0	%100
49	M46	X	0	0	0	%100
50	M46	Z	1.685	1.685	0	%100
51	M47	X	0	0	0	%100
52	M47	Z	1.685	1.685	0	%100
53	M43	X	0	0	0	%100
54	M43	Z	4.383	4.383	0	%100
55	M44A	X	0	0	0	%100
56	M44A	Z	.837	.837	0	%100
57	M45A	X	0	0	0	%100
58	M45A	Z	.837	.837	0	%100
59	M54	X	0	0	0	%100
60	M54	Z	.963	.963	0	%100
61	M55	X	0	0	0	%100
62	M55	Z	.963	.963	0	%100
63	M56	X	0	0	0	%100
64	M56	Z	.963	.963	0	%100
65	M57	X	0	0	0	%100
66	M57	Z	.963	.963	0	%100
67	M58	X	0	0	0	%100
68	M58	Z	2.009	2.009	0	%100
69	M59	X	0	0	0	%100
70	M59	Z	2.009	2.009	0	%100
71	M60	X	0	0	0	%100
72	M60	Z	.046	.046	0	%100
73	M61	X	0	0	0	%100
74	M61	Z	.046	.046	0	%100
75	M62	X	0	0	0	%100
76	M62	Z	.322	.322	0	%100
77	M63	X	0	0	0	%100
78	M63	Z	.322	.322	0	%100
79	M64	X	0	0	0	%100
80	M64	Z	.322	.322	0	%100
81	M65	X	0	0	0	%100
82	M65	Z	.322	.322	0	%100
83	M66	X	0	0	0	%100
84	M66	Z	1.788	1.788	0	%100
85	M67	X	0	0	0	%100
86	M67	Z	1.788	1.788	0	%100
87	M68	X	0	0	0	%100
88	M68	Z	1.218	1.218	0	%100
89	M69	X	0	0	0	%100
90	M69	Z	1.218	1.218	0	%100
91	MP4C	X	0	0	0	%100
92	MP4C	Z	3.031	3.031	0	%100
93	MP3C	X	0	0	0	%100
94	MP3C	Z	3.031	3.031	0	%100
95	MP2C	X	0	0	0	%100
96	MP2C	Z	3.349	3.349	0	%100
97	MP1C	X	0	0	0	%100
98	MP1C	Z	3.031	3.031	0	%100
99	M74	X	0	0	0	%100
100	M74	Z	1.685	1.685	0	%100
101	M75	X	0	0	0	%100
102	M75	Z	1.685	1.685	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,%]
103	M76	X	0	0	0	%100
104	M76	Z	1.685	1.685	0	%100
105	M77	X	0	0	0	%100
106	M77	Z	1.685	1.685	0	%100
107	M84	X	0	0	0	%100
108	M84	Z	4.383	4.383	0	%100
109	M85	X	0	0	0	%100
110	M85	Z	.837	.837	0	%100
111	M86	X	0	0	0	%100
112	M86	Z	.837	.837	0	%100
113	M95	X	0	0	0	%100
114	M95	Z	.963	.963	0	%100
115	M96	X	0	0	0	%100
116	M96	Z	.963	.963	0	%100
117	M97	X	0	0	0	%100
118	M97	Z	.963	.963	0	%100
119	M98	X	0	0	0	%100
120	M98	Z	.963	.963	0	%100
121	M99	X	0	0	0	%100
122	M99	Z	.046	.046	0	%100
123	M100	X	0	0	0	%100
124	M100	Z	.046	.046	0	%100
125	M101	X	0	0	0	%100
126	M101	Z	2.009	2.009	0	%100
127	M102	X	0	0	0	%100
128	M102	Z	2.009	2.009	0	%100
129	M103	X	0	0	0	%100
130	M103	Z	.322	.322	0	%100
131	M104	X	0	0	0	%100
132	M104	Z	.322	.322	0	%100
133	M105	X	0	0	0	%100
134	M105	Z	.322	.322	0	%100
135	M106	X	0	0	0	%100
136	M106	Z	.322	.322	0	%100
137	M107	X	0	0	0	%100
138	M107	Z	1.218	1.218	0	%100
139	M108	X	0	0	0	%100
140	M108	Z	1.218	1.218	0	%100
141	M109	X	0	0	0	%100
142	M109	Z	1.788	1.788	0	%100
143	M110	X	0	0	0	%100
144	M110	Z	1.788	1.788	0	%100
145	MP4B	X	0	0	0	%100
146	MP4B	Z	3.031	3.031	0	%100
147	MP3B	X	0	0	0	%100
148	MP3B	Z	3.031	3.031	0	%100
149	MP2B	X	0	0	0	%100
150	MP2B	Z	3.349	3.349	0	%100
151	MP1B	X	0	0	0	%100
152	MP1B	Z	3.031	3.031	0	%100
153	M115	X	0	0	0	%100
154	M115	Z	1.685	1.685	0	%100
155	M116	X	0	0	0	%100
156	M116	Z	1.685	1.685	0	%100
157	M117	X	0	0	0	%100
158	M117	Z	1.685	1.685	0	%100
159	M118	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
160	M118	Z	1.685	1.685	0	%100
161	M125	X	0	0	0	%100
162	M125	Z	4.383	4.383	0	%100
163	M126	X	0	0	0	%100
164	M126	Z	.86	.86	0	%100
165	M129	X	0	0	0	%100
166	M129	Z	.768	.768	0	%100
167	M130	X	0	0	0	%100
168	M130	Z	3.073	3.073	0	%100
169	M131	X	0	0	0	%100
170	M131	Z	.768	.768	0	%100
171	M130A	X	0	0	0	%100
172	M130A	Z	.66	.66	0	%100
173	M131A	X	0	0	0	%100
174	M131A	Z	3.027	3.027	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-1.256	-1.256	0	%100
2	M1	Z	2.175	2.175	0	%100
3	M2	X	-1.256	-1.256	0	%100
4	M2	Z	2.175	2.175	0	%100
5	M13	X	-.161	-.161	0	%100
6	M13	Z	.278	.278	0	%100
7	M14	X	-.161	-.161	0	%100
8	M14	Z	.278	.278	0	%100
9	M15	X	-.161	-.161	0	%100
10	M15	Z	.278	.278	0	%100
11	M16	X	-.161	-.161	0	%100
12	M16	Z	.278	.278	0	%100
13	M17	X	-.163	-.163	0	%100
14	M17	Z	.282	.282	0	%100
15	M18	X	-.163	-.163	0	%100
16	M18	Z	.282	.282	0	%100
17	M19	X	-1.145	-1.145	0	%100
18	M19	Z	1.982	1.982	0	%100
19	OVP	X	-1.145	-1.145	0	%100
20	OVP	Z	1.982	1.982	0	%100
21	M21	X	-.483	-.483	0	%100
22	M21	Z	.837	.837	0	%100
23	M22	X	-.483	-.483	0	%100
24	M22	Z	.837	.837	0	%100
25	M23	X	-.483	-.483	0	%100
26	M23	Z	.837	.837	0	%100
27	M24	X	-.483	-.483	0	%100
28	M24	Z	.837	.837	0	%100
29	M25	X	-.65	-.65	0	%100
30	M25	Z	1.125	1.125	0	%100
31	M26	X	-.65	-.65	0	%100
32	M26	Z	1.125	1.125	0	%100
33	M27	X	-.935	-.935	0	%100
34	M27	Z	1.619	1.619	0	%100
35	M28	X	-.935	-.935	0	%100
36	M28	Z	1.619	1.619	0	%100
37	MP4A	X	-1.516	-1.516	0	%100
38	MP4A	Z	2.625	2.625	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,%]
39	MP3A	X	-1.516	-1.516	0	%100
40	MP3A	Z	2.625	2.625	0	%100
41	MP2A	X	-1.675	-1.675	0	%100
42	MP2A	Z	2.901	2.901	0	%100
43	MP1A	X	-1.516	-1.516	0	%100
44	MP1A	Z	2.625	2.625	0	%100
45	M44	X	-.843	-.843	0	%100
46	M44	Z	1.459	1.459	0	%100
47	M45	X	-.843	-.843	0	%100
48	M45	Z	1.459	1.459	0	%100
49	M46	X	-.843	-.843	0	%100
50	M46	Z	1.459	1.459	0	%100
51	M47	X	-.843	-.843	0	%100
52	M47	Z	1.459	1.459	0	%100
53	M43	X	-2.192	-2.192	0	%100
54	M43	Z	3.796	3.796	0	%100
55	M44A	X	-1.256	-1.256	0	%100
56	M44A	Z	2.175	2.175	0	%100
57	M45A	X	-1.256	-1.256	0	%100
58	M45A	Z	2.175	2.175	0	%100
59	M54	X	-.161	-.161	0	%100
60	M54	Z	.278	.278	0	%100
61	M55	X	-.161	-.161	0	%100
62	M55	Z	.278	.278	0	%100
63	M56	X	-.161	-.161	0	%100
64	M56	Z	.278	.278	0	%100
65	M57	X	-.161	-.161	0	%100
66	M57	Z	.278	.278	0	%100
67	M58	X	-1.145	-1.145	0	%100
68	M58	Z	1.982	1.982	0	%100
69	M59	X	-1.145	-1.145	0	%100
70	M59	Z	1.982	1.982	0	%100
71	M60	X	-.163	-.163	0	%100
72	M60	Z	.282	.282	0	%100
73	M61	X	-.163	-.163	0	%100
74	M61	Z	.282	.282	0	%100
75	M62	X	-.483	-.483	0	%100
76	M62	Z	.837	.837	0	%100
77	M63	X	-.483	-.483	0	%100
78	M63	Z	.837	.837	0	%100
79	M64	X	-.483	-.483	0	%100
80	M64	Z	.837	.837	0	%100
81	M65	X	-.483	-.483	0	%100
82	M65	Z	.837	.837	0	%100
83	M66	X	-.935	-.935	0	%100
84	M66	Z	1.619	1.619	0	%100
85	M67	X	-.935	-.935	0	%100
86	M67	Z	1.619	1.619	0	%100
87	M68	X	-.65	-.65	0	%100
88	M68	Z	1.125	1.125	0	%100
89	M69	X	-.65	-.65	0	%100
90	M69	Z	1.125	1.125	0	%100
91	MP4C	X	-1.516	-1.516	0	%100
92	MP4C	Z	2.625	2.625	0	%100
93	MP3C	X	-1.516	-1.516	0	%100
94	MP3C	Z	2.625	2.625	0	%100
95	MP2C	X	-1.675	-1.675	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,%]
96	MP2C	Z	2.901	2.901	0	%100
97	MP1C	X	-1.516	-1.516	0	%100
98	MP1C	Z	2.625	2.625	0	%100
99	M74	X	-.843	-.843	0	%100
100	M74	Z	1.459	1.459	0	%100
101	M75	X	-.843	-.843	0	%100
102	M75	Z	1.459	1.459	0	%100
103	M76	X	-.843	-.843	0	%100
104	M76	Z	1.459	1.459	0	%100
105	M77	X	-.843	-.843	0	%100
106	M77	Z	1.459	1.459	0	%100
107	M84	X	-2.192	-2.192	0	%100
108	M84	Z	3.796	3.796	0	%100
109	M85	X	0	0	0	%100
110	M85	Z	0	0	0	%100
111	M86	X	0	0	0	%100
112	M86	Z	0	0	0	%100
113	M95	X	-.642	-.642	0	%100
114	M95	Z	1.112	1.112	0	%100
115	M96	X	-.642	-.642	0	%100
116	M96	Z	1.112	1.112	0	%100
117	M97	X	-.642	-.642	0	%100
118	M97	Z	1.112	1.112	0	%100
119	M98	X	-.642	-.642	0	%100
120	M98	Z	1.112	1.112	0	%100
121	M99	X	-.444	-.444	0	%100
122	M99	Z	.769	.769	0	%100
123	M100	X	-.444	-.444	0	%100
124	M100	Z	.769	.769	0	%100
125	M101	X	-.444	-.444	0	%100
126	M101	Z	.769	.769	0	%100
127	M102	X	-.444	-.444	0	%100
128	M102	Z	.769	.769	0	%100
129	M103	X	0	0	0	%100
130	M103	Z	0	0	0	%100
131	M104	X	0	0	0	%100
132	M104	Z	0	0	0	%100
133	M105	X	0	0	0	%100
134	M105	Z	0	0	0	%100
135	M106	X	0	0	0	%100
136	M106	Z	0	0	0	%100
137	M107	X	-.731	-.731	0	%100
138	M107	Z	1.266	1.266	0	%100
139	M108	X	-.731	-.731	0	%100
140	M108	Z	1.266	1.266	0	%100
141	M109	X	-.731	-.731	0	%100
142	M109	Z	1.266	1.266	0	%100
143	M110	X	-.731	-.731	0	%100
144	M110	Z	1.266	1.266	0	%100
145	MP4B	X	-1.516	-1.516	0	%100
146	MP4B	Z	2.625	2.625	0	%100
147	MP3B	X	-1.516	-1.516	0	%100
148	MP3B	Z	2.625	2.625	0	%100
149	MP2B	X	-1.675	-1.675	0	%100
150	MP2B	Z	2.901	2.901	0	%100
151	MP1B	X	-1.516	-1.516	0	%100
152	MP1B	Z	2.625	2.625	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,%]
153	M115	X	-.843	-.843	0	%100
154	M115	Z	1.459	1.459	0	%100
155	M116	X	-.843	-.843	0	%100
156	M116	Z	1.459	1.459	0	%100
157	M117	X	-.843	-.843	0	%100
158	M117	Z	1.459	1.459	0	%100
159	M118	X	-.843	-.843	0	%100
160	M118	Z	1.459	1.459	0	%100
161	M125	X	-2.192	-2.192	0	%100
162	M125	Z	3.796	3.796	0	%100
163	M126	X	-1.186	-1.186	0	%100
164	M126	Z	2.053	2.053	0	%100
165	M129	X	0	0	0	%100
166	M129	Z	0	0	0	%100
167	M130	X	-1.152	-1.152	0	%100
168	M130	Z	1.996	1.996	0	%100
169	M131	X	-1.152	-1.152	0	%100
170	M131	Z	1.996	1.996	0	%100
171	M130A	X	-.002	-.002	0	%100
172	M130A	Z	.004	.004	0	%100
173	M131A	X	-1.086	-1.086	0	%100
174	M131A	Z	1.88	1.88	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.725	-.725	0	%100
2	M1	Z	.419	.419	0	%100
3	M2	X	-.725	-.725	0	%100
4	M2	Z	.419	.419	0	%100
5	M13	X	-.834	-.834	0	%100
6	M13	Z	.482	.482	0	%100
7	M14	X	-.834	-.834	0	%100
8	M14	Z	.482	.482	0	%100
9	M15	X	-.834	-.834	0	%100
10	M15	Z	.482	.482	0	%100
11	M16	X	-.834	-.834	0	%100
12	M16	Z	.482	.482	0	%100
13	M17	X	-.04	-.04	0	%100
14	M17	Z	.023	.023	0	%100
15	M18	X	-.04	-.04	0	%100
16	M18	Z	.023	.023	0	%100
17	M19	X	-1.74	-1.74	0	%100
18	M19	Z	1.005	1.005	0	%100
19	OVP	X	-1.74	-1.74	0	%100
20	OVP	Z	1.005	1.005	0	%100
21	M21	X	-.279	-.279	0	%100
22	M21	Z	.161	.161	0	%100
23	M22	X	-.279	-.279	0	%100
24	M22	Z	.161	.161	0	%100
25	M23	X	-.279	-.279	0	%100
26	M23	Z	.161	.161	0	%100
27	M24	X	-.279	-.279	0	%100
28	M24	Z	.161	.161	0	%100
29	M25	X	-1.055	-1.055	0	%100
30	M25	Z	.609	.609	0	%100
31	M26	X	-1.055	-1.055	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,%]
32	M26	Z	.609	.609	0	%100
33	M27	X	-1.549	-1.549	0	%100
34	M27	Z	.894	.894	0	%100
35	M28	X	-1.549	-1.549	0	%100
36	M28	Z	.894	.894	0	%100
37	MP4A	X	-2.625	-2.625	0	%100
38	MP4A	Z	1.516	1.516	0	%100
39	MP3A	X	-2.625	-2.625	0	%100
40	MP3A	Z	1.516	1.516	0	%100
41	MP2A	X	-2.901	-2.901	0	%100
42	MP2A	Z	1.675	1.675	0	%100
43	MP1A	X	-2.625	-2.625	0	%100
44	MP1A	Z	1.516	1.516	0	%100
45	M44	X	-1.459	-1.459	0	%100
46	M44	Z	.843	.843	0	%100
47	M45	X	-1.459	-1.459	0	%100
48	M45	Z	.843	.843	0	%100
49	M46	X	-1.459	-1.459	0	%100
50	M46	Z	.843	.843	0	%100
51	M47	X	-1.459	-1.459	0	%100
52	M47	Z	.843	.843	0	%100
53	M43	X	-3.796	-3.796	0	%100
54	M43	Z	2.192	2.192	0	%100
55	M44A	X	-2.901	-2.901	0	%100
56	M44A	Z	1.675	1.675	0	%100
57	M45A	X	-2.901	-2.901	0	%100
58	M45A	Z	1.675	1.675	0	%100
59	M54	X	0	0	0	%100
60	M54	Z	0	0	0	%100
61	M55	X	0	0	0	%100
62	M55	Z	0	0	0	%100
63	M56	X	0	0	0	%100
64	M56	Z	0	0	0	%100
65	M57	X	0	0	0	%100
66	M57	Z	0	0	0	%100
67	M58	X	-1.254	-1.254	0	%100
68	M58	Z	.724	.724	0	%100
69	M59	X	-1.254	-1.254	0	%100
70	M59	Z	.724	.724	0	%100
71	M60	X	-1.254	-1.254	0	%100
72	M60	Z	.724	.724	0	%100
73	M61	X	-1.254	-1.254	0	%100
74	M61	Z	.724	.724	0	%100
75	M62	X	-1.116	-1.116	0	%100
76	M62	Z	.644	.644	0	%100
77	M63	X	-1.116	-1.116	0	%100
78	M63	Z	.644	.644	0	%100
79	M64	X	-1.116	-1.116	0	%100
80	M64	Z	.644	.644	0	%100
81	M65	X	-1.116	-1.116	0	%100
82	M65	Z	.644	.644	0	%100
83	M66	X	-1.407	-1.407	0	%100
84	M66	Z	.812	.812	0	%100
85	M67	X	-1.407	-1.407	0	%100
86	M67	Z	.812	.812	0	%100
87	M68	X	-1.407	-1.407	0	%100
88	M68	Z	.812	.812	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,%]
89	M69	X	-1.407	-1.407	0	%100
90	M69	Z	.812	.812	0	%100
91	MP4C	X	-2.625	-2.625	0	%100
92	MP4C	Z	1.516	1.516	0	%100
93	MP3C	X	-2.625	-2.625	0	%100
94	MP3C	Z	1.516	1.516	0	%100
95	MP2C	X	-2.901	-2.901	0	%100
96	MP2C	Z	1.675	1.675	0	%100
97	MP1C	X	-2.625	-2.625	0	%100
98	MP1C	Z	1.516	1.516	0	%100
99	M74	X	-1.459	-1.459	0	%100
100	M74	Z	.843	.843	0	%100
101	M75	X	-1.459	-1.459	0	%100
102	M75	Z	.843	.843	0	%100
103	M76	X	-1.459	-1.459	0	%100
104	M76	Z	.843	.843	0	%100
105	M77	X	-1.459	-1.459	0	%100
106	M77	Z	.843	.843	0	%100
107	M84	X	-3.796	-3.796	0	%100
108	M84	Z	2.192	2.192	0	%100
109	M85	X	-.725	-.725	0	%100
110	M85	Z	.419	.419	0	%100
111	M86	X	-.725	-.725	0	%100
112	M86	Z	.419	.419	0	%100
113	M95	X	-.834	-.834	0	%100
114	M95	Z	.482	.482	0	%100
115	M96	X	-.834	-.834	0	%100
116	M96	Z	.482	.482	0	%100
117	M97	X	-.834	-.834	0	%100
118	M97	Z	.482	.482	0	%100
119	M98	X	-.834	-.834	0	%100
120	M98	Z	.482	.482	0	%100
121	M99	X	-1.74	-1.74	0	%100
122	M99	Z	1.005	1.005	0	%100
123	M100	X	-1.74	-1.74	0	%100
124	M100	Z	1.005	1.005	0	%100
125	M101	X	-.04	-.04	0	%100
126	M101	Z	.023	.023	0	%100
127	M102	X	-.04	-.04	0	%100
128	M102	Z	.023	.023	0	%100
129	M103	X	-.279	-.279	0	%100
130	M103	Z	.161	.161	0	%100
131	M104	X	-.279	-.279	0	%100
132	M104	Z	.161	.161	0	%100
133	M105	X	-.279	-.279	0	%100
134	M105	Z	.161	.161	0	%100
135	M106	X	-.279	-.279	0	%100
136	M106	Z	.161	.161	0	%100
137	M107	X	-1.549	-1.549	0	%100
138	M107	Z	.894	.894	0	%100
139	M108	X	-1.549	-1.549	0	%100
140	M108	Z	.894	.894	0	%100
141	M109	X	-1.055	-1.055	0	%100
142	M109	Z	.609	.609	0	%100
143	M110	X	-1.055	-1.055	0	%100
144	M110	Z	.609	.609	0	%100
145	MP4B	X	-2.625	-2.625	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,%]
146	MP4B	Z	1.516	1.516	0	%100
147	MP3B	X	-2.625	-2.625	0	%100
148	MP3B	Z	1.516	1.516	0	%100
149	MP2B	X	-2.901	-2.901	0	%100
150	MP2B	Z	1.675	1.675	0	%100
151	MP1B	X	-2.625	-2.625	0	%100
152	MP1B	Z	1.516	1.516	0	%100
153	M115	X	-1.459	-1.459	0	%100
154	M115	Z	.843	.843	0	%100
155	M116	X	-1.459	-1.459	0	%100
156	M116	Z	.843	.843	0	%100
157	M117	X	-1.459	-1.459	0	%100
158	M117	Z	.843	.843	0	%100
159	M118	X	-1.459	-1.459	0	%100
160	M118	Z	.843	.843	0	%100
161	M125	X	-3.796	-3.796	0	%100
162	M125	Z	2.192	2.192	0	%100
163	M126	X	-2.621	-2.621	0	%100
164	M126	Z	1.513	1.513	0	%100
165	M129	X	-.665	-.665	0	%100
166	M129	Z	.384	.384	0	%100
167	M130	X	-.665	-.665	0	%100
168	M130	Z	.384	.384	0	%100
169	M131	X	-2.661	-2.661	0	%100
170	M131	Z	1.536	1.536	0	%100
171	M130A	X	-.745	-.745	0	%100
172	M130A	Z	.43	.43	0	%100
173	M131A	X	-.572	-.572	0	%100
174	M131A	Z	.33	.33	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M13	X	-1.284	-1.284	0	%100
6	M13	Z	0	0	0	%100
7	M14	X	-1.284	-1.284	0	%100
8	M14	Z	0	0	0	%100
9	M15	X	-1.284	-1.284	0	%100
10	M15	Z	0	0	0	%100
11	M16	X	-1.284	-1.284	0	%100
12	M16	Z	0	0	0	%100
13	M17	X	-.888	-.888	0	%100
14	M17	Z	0	0	0	%100
15	M18	X	-.888	-.888	0	%100
16	M18	Z	0	0	0	%100
17	M19	X	-.888	-.888	0	%100
18	M19	Z	0	0	0	%100
19	OVP	X	-.888	-.888	0	%100
20	OVP	Z	0	0	0	%100
21	M21	X	0	0	0	%100
22	M21	Z	0	0	0	%100
23	M22	X	0	0	0	%100
24	M22	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	M23	X	0	0	0	%100
26	M23	Z	0	0	0	%100
27	M24	X	0	0	0	%100
28	M24	Z	0	0	0	%100
29	M25	X	-1.462	-1.462	0	%100
30	M25	Z	0	0	0	%100
31	M26	X	-1.462	-1.462	0	%100
32	M26	Z	0	0	0	%100
33	M27	X	-1.462	-1.462	0	%100
34	M27	Z	0	0	0	%100
35	M28	X	-1.462	-1.462	0	%100
36	M28	Z	0	0	0	%100
37	MP4A	X	-3.031	-3.031	0	%100
38	MP4A	Z	0	0	0	%100
39	MP3A	X	-3.031	-3.031	0	%100
40	MP3A	Z	0	0	0	%100
41	MP2A	X	-3.349	-3.349	0	%100
42	MP2A	Z	0	0	0	%100
43	MP1A	X	-3.031	-3.031	0	%100
44	MP1A	Z	0	0	0	%100
45	M44	X	-1.685	-1.685	0	%100
46	M44	Z	0	0	0	%100
47	M45	X	-1.685	-1.685	0	%100
48	M45	Z	0	0	0	%100
49	M46	X	-1.685	-1.685	0	%100
50	M46	Z	0	0	0	%100
51	M47	X	-1.685	-1.685	0	%100
52	M47	Z	0	0	0	%100
53	M43	X	-4.383	-4.383	0	%100
54	M43	Z	0	0	0	%100
55	M44A	X	-2.512	-2.512	0	%100
56	M44A	Z	0	0	0	%100
57	M45A	X	-2.512	-2.512	0	%100
58	M45A	Z	0	0	0	%100
59	M54	X	-.321	-.321	0	%100
60	M54	Z	0	0	0	%100
61	M55	X	-.321	-.321	0	%100
62	M55	Z	0	0	0	%100
63	M56	X	-.321	-.321	0	%100
64	M56	Z	0	0	0	%100
65	M57	X	-.321	-.321	0	%100
66	M57	Z	0	0	0	%100
67	M58	X	-.326	-.326	0	%100
68	M58	Z	0	0	0	%100
69	M59	X	-.326	-.326	0	%100
70	M59	Z	0	0	0	%100
71	M60	X	-2.289	-2.289	0	%100
72	M60	Z	0	0	0	%100
73	M61	X	-2.289	-2.289	0	%100
74	M61	Z	0	0	0	%100
75	M62	X	-.967	-.967	0	%100
76	M62	Z	0	0	0	%100
77	M63	X	-.967	-.967	0	%100
78	M63	Z	0	0	0	%100
79	M64	X	-.967	-.967	0	%100
80	M64	Z	0	0	0	%100
81	M65	X	-.967	-.967	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,%]
82	M65	Z	0	0	0	%100
83	M66	X	-1.299	-1.299	0	%100
84	M66	Z	0	0	0	%100
85	M67	X	-1.299	-1.299	0	%100
86	M67	Z	0	0	0	%100
87	M68	X	-1.869	-1.869	0	%100
88	M68	Z	0	0	0	%100
89	M69	X	-1.869	-1.869	0	%100
90	M69	Z	0	0	0	%100
91	MP4C	X	-3.031	-3.031	0	%100
92	MP4C	Z	0	0	0	%100
93	MP3C	X	-3.031	-3.031	0	%100
94	MP3C	Z	0	0	0	%100
95	MP2C	X	-3.349	-3.349	0	%100
96	MP2C	Z	0	0	0	%100
97	MP1C	X	-3.031	-3.031	0	%100
98	MP1C	Z	0	0	0	%100
99	M74	X	-1.685	-1.685	0	%100
100	M74	Z	0	0	0	%100
101	M75	X	-1.685	-1.685	0	%100
102	M75	Z	0	0	0	%100
103	M76	X	-1.685	-1.685	0	%100
104	M76	Z	0	0	0	%100
105	M77	X	-1.685	-1.685	0	%100
106	M77	Z	0	0	0	%100
107	M84	X	-4.383	-4.383	0	%100
108	M84	Z	0	0	0	%100
109	M85	X	-2.512	-2.512	0	%100
110	M85	Z	0	0	0	%100
111	M86	X	-2.512	-2.512	0	%100
112	M86	Z	0	0	0	%100
113	M95	X	-.321	-.321	0	%100
114	M95	Z	0	0	0	%100
115	M96	X	-.321	-.321	0	%100
116	M96	Z	0	0	0	%100
117	M97	X	-.321	-.321	0	%100
118	M97	Z	0	0	0	%100
119	M98	X	-.321	-.321	0	%100
120	M98	Z	0	0	0	%100
121	M99	X	-2.289	-2.289	0	%100
122	M99	Z	0	0	0	%100
123	M100	X	-2.289	-2.289	0	%100
124	M100	Z	0	0	0	%100
125	M101	X	-.326	-.326	0	%100
126	M101	Z	0	0	0	%100
127	M102	X	-.326	-.326	0	%100
128	M102	Z	0	0	0	%100
129	M103	X	-.967	-.967	0	%100
130	M103	Z	0	0	0	%100
131	M104	X	-.967	-.967	0	%100
132	M104	Z	0	0	0	%100
133	M105	X	-.967	-.967	0	%100
134	M105	Z	0	0	0	%100
135	M106	X	-.967	-.967	0	%100
136	M106	Z	0	0	0	%100
137	M107	X	-1.869	-1.869	0	%100
138	M107	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,%]
139	M108	X	-1.869	-1.869	0	%100
140	M108	Z	0	0	0	%100
141	M109	X	-1.299	-1.299	0	%100
142	M109	Z	0	0	0	%100
143	M110	X	-1.299	-1.299	0	%100
144	M110	Z	0	0	0	%100
145	MP4B	X	-3.031	-3.031	0	%100
146	MP4B	Z	0	0	0	%100
147	MP3B	X	-3.031	-3.031	0	%100
148	MP3B	Z	0	0	0	%100
149	MP2B	X	-3.349	-3.349	0	%100
150	MP2B	Z	0	0	0	%100
151	MP1B	X	-3.031	-3.031	0	%100
152	MP1B	Z	0	0	0	%100
153	M115	X	-1.685	-1.685	0	%100
154	M115	Z	0	0	0	%100
155	M116	X	-1.685	-1.685	0	%100
156	M116	Z	0	0	0	%100
157	M117	X	-1.685	-1.685	0	%100
158	M117	Z	0	0	0	%100
159	M118	X	-1.685	-1.685	0	%100
160	M118	Z	0	0	0	%100
161	M125	X	-4.383	-4.383	0	%100
162	M125	Z	0	0	0	%100
163	M126	X	-2.171	-2.171	0	%100
164	M126	Z	0	0	0	%100
165	M129	X	-2.305	-2.305	0	%100
166	M129	Z	0	0	0	%100
167	M130	X	0	0	0	%100
168	M130	Z	0	0	0	%100
169	M131	X	-2.305	-2.305	0	%100
170	M131	Z	0	0	0	%100
171	M130A	X	-2.371	-2.371	0	%100
172	M130A	Z	0	0	0	%100
173	M131A	X	-.004	-.004	0	%100
174	M131A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.725	-.725	0	%100
2	M1	Z	-.419	-.419	0	%100
3	M2	X	-.725	-.725	0	%100
4	M2	Z	-.419	-.419	0	%100
5	M13	X	-.834	-.834	0	%100
6	M13	Z	-.482	-.482	0	%100
7	M14	X	-.834	-.834	0	%100
8	M14	Z	-.482	-.482	0	%100
9	M15	X	-.834	-.834	0	%100
10	M15	Z	-.482	-.482	0	%100
11	M16	X	-.834	-.834	0	%100
12	M16	Z	-.482	-.482	0	%100
13	M17	X	-1.74	-1.74	0	%100
14	M17	Z	-1.005	-1.005	0	%100
15	M18	X	-1.74	-1.74	0	%100
16	M18	Z	-1.005	-1.005	0	%100
17	M19	X	-.04	-.04	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,%]
18	M19	Z	-.023	-.023	0	%100
19	OVP	X	-.04	-.04	0	%100
20	OVP	Z	-.023	-.023	0	%100
21	M21	X	-.279	-.279	0	%100
22	M21	Z	-.161	-.161	0	%100
23	M22	X	-.279	-.279	0	%100
24	M22	Z	-.161	-.161	0	%100
25	M23	X	-.279	-.279	0	%100
26	M23	Z	-.161	-.161	0	%100
27	M24	X	-.279	-.279	0	%100
28	M24	Z	-.161	-.161	0	%100
29	M25	X	-1.549	-1.549	0	%100
30	M25	Z	-.894	-.894	0	%100
31	M26	X	-1.549	-1.549	0	%100
32	M26	Z	-.894	-.894	0	%100
33	M27	X	-1.055	-1.055	0	%100
34	M27	Z	-.609	-.609	0	%100
35	M28	X	-1.055	-1.055	0	%100
36	M28	Z	-.609	-.609	0	%100
37	MP4A	X	-2.625	-2.625	0	%100
38	MP4A	Z	-1.516	-1.516	0	%100
39	MP3A	X	-2.625	-2.625	0	%100
40	MP3A	Z	-1.516	-1.516	0	%100
41	MP2A	X	-2.901	-2.901	0	%100
42	MP2A	Z	-1.675	-1.675	0	%100
43	MP1A	X	-2.625	-2.625	0	%100
44	MP1A	Z	-1.516	-1.516	0	%100
45	M44	X	-1.459	-1.459	0	%100
46	M44	Z	-.843	-.843	0	%100
47	M45	X	-1.459	-1.459	0	%100
48	M45	Z	-.843	-.843	0	%100
49	M46	X	-1.459	-1.459	0	%100
50	M46	Z	-.843	-.843	0	%100
51	M47	X	-1.459	-1.459	0	%100
52	M47	Z	-.843	-.843	0	%100
53	M43	X	-3.796	-3.796	0	%100
54	M43	Z	-2.192	-2.192	0	%100
55	M44A	X	-.725	-.725	0	%100
56	M44A	Z	-.419	-.419	0	%100
57	M45A	X	-.725	-.725	0	%100
58	M45A	Z	-.419	-.419	0	%100
59	M54	X	-.834	-.834	0	%100
60	M54	Z	-.482	-.482	0	%100
61	M55	X	-.834	-.834	0	%100
62	M55	Z	-.482	-.482	0	%100
63	M56	X	-.834	-.834	0	%100
64	M56	Z	-.482	-.482	0	%100
65	M57	X	-.834	-.834	0	%100
66	M57	Z	-.482	-.482	0	%100
67	M58	X	-.04	-.04	0	%100
68	M58	Z	-.023	-.023	0	%100
69	M59	X	-.04	-.04	0	%100
70	M59	Z	-.023	-.023	0	%100
71	M60	X	-1.74	-1.74	0	%100
72	M60	Z	-1.005	-1.005	0	%100
73	M61	X	-1.74	-1.74	0	%100
74	M61	Z	-1.005	-1.005	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,%]
75	M62	X	-.279	-.279	0	%100
76	M62	Z	-.161	-.161	0	%100
77	M63	X	-.279	-.279	0	%100
78	M63	Z	-.161	-.161	0	%100
79	M64	X	-.279	-.279	0	%100
80	M64	Z	-.161	-.161	0	%100
81	M65	X	-.279	-.279	0	%100
82	M65	Z	-.161	-.161	0	%100
83	M66	X	-1.055	-1.055	0	%100
84	M66	Z	-.609	-.609	0	%100
85	M67	X	-1.055	-1.055	0	%100
86	M67	Z	-.609	-.609	0	%100
87	M68	X	-1.549	-1.549	0	%100
88	M68	Z	-.894	-.894	0	%100
89	M69	X	-1.549	-1.549	0	%100
90	M69	Z	-.894	-.894	0	%100
91	MP4C	X	-2.625	-2.625	0	%100
92	MP4C	Z	-1.516	-1.516	0	%100
93	MP3C	X	-2.625	-2.625	0	%100
94	MP3C	Z	-1.516	-1.516	0	%100
95	MP2C	X	-2.901	-2.901	0	%100
96	MP2C	Z	-1.675	-1.675	0	%100
97	MP1C	X	-2.625	-2.625	0	%100
98	MP1C	Z	-1.516	-1.516	0	%100
99	M74	X	-1.459	-1.459	0	%100
100	M74	Z	-.843	-.843	0	%100
101	M75	X	-1.459	-1.459	0	%100
102	M75	Z	-.843	-.843	0	%100
103	M76	X	-1.459	-1.459	0	%100
104	M76	Z	-.843	-.843	0	%100
105	M77	X	-1.459	-1.459	0	%100
106	M77	Z	-.843	-.843	0	%100
107	M84	X	-3.796	-3.796	0	%100
108	M84	Z	-2.192	-2.192	0	%100
109	M85	X	-2.901	-2.901	0	%100
110	M85	Z	-1.675	-1.675	0	%100
111	M86	X	-2.901	-2.901	0	%100
112	M86	Z	-1.675	-1.675	0	%100
113	M95	X	0	0	0	%100
114	M95	Z	0	0	0	%100
115	M96	X	0	0	0	%100
116	M96	Z	0	0	0	%100
117	M97	X	0	0	0	%100
118	M97	Z	0	0	0	%100
119	M98	X	0	0	0	%100
120	M98	Z	0	0	0	%100
121	M99	X	-1.254	-1.254	0	%100
122	M99	Z	-.724	-.724	0	%100
123	M100	X	-1.254	-1.254	0	%100
124	M100	Z	-.724	-.724	0	%100
125	M101	X	-1.254	-1.254	0	%100
126	M101	Z	-.724	-.724	0	%100
127	M102	X	-1.254	-1.254	0	%100
128	M102	Z	-.724	-.724	0	%100
129	M103	X	-1.116	-1.116	0	%100
130	M103	Z	-.644	-.644	0	%100
131	M104	X	-1.116	-1.116	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,%]
132	M104	Z	-.644	-.644	0	%100
133	M105	X	-1.116	-1.116	0	%100
134	M105	Z	-.644	-.644	0	%100
135	M106	X	-1.116	-1.116	0	%100
136	M106	Z	-.644	-.644	0	%100
137	M107	X	-1.407	-1.407	0	%100
138	M107	Z	-.812	-.812	0	%100
139	M108	X	-1.407	-1.407	0	%100
140	M108	Z	-.812	-.812	0	%100
141	M109	X	-1.407	-1.407	0	%100
142	M109	Z	-.812	-.812	0	%100
143	M110	X	-1.407	-1.407	0	%100
144	M110	Z	-.812	-.812	0	%100
145	MP4B	X	-2.625	-2.625	0	%100
146	MP4B	Z	-1.516	-1.516	0	%100
147	MP3B	X	-2.625	-2.625	0	%100
148	MP3B	Z	-1.516	-1.516	0	%100
149	MP2B	X	-2.901	-2.901	0	%100
150	MP2B	Z	-1.675	-1.675	0	%100
151	MP1B	X	-2.625	-2.625	0	%100
152	MP1B	Z	-1.516	-1.516	0	%100
153	M115	X	-1.459	-1.459	0	%100
154	M115	Z	-.843	-.843	0	%100
155	M116	X	-1.459	-1.459	0	%100
156	M116	Z	-.843	-.843	0	%100
157	M117	X	-1.459	-1.459	0	%100
158	M117	Z	-.843	-.843	0	%100
159	M118	X	-1.459	-1.459	0	%100
160	M118	Z	-.843	-.843	0	%100
161	M125	X	-3.796	-3.796	0	%100
162	M125	Z	-2.192	-2.192	0	%100
163	M126	X	-.572	-.572	0	%100
164	M126	Z	-.33	-.33	0	%100
165	M129	X	-2.661	-2.661	0	%100
166	M129	Z	-1.536	-1.536	0	%100
167	M130	X	-.665	-.665	0	%100
168	M130	Z	-.384	-.384	0	%100
169	M131	X	-.665	-.665	0	%100
170	M131	Z	-.384	-.384	0	%100
171	M130A	X	-2.621	-2.621	0	%100
172	M130A	Z	-1.513	-1.513	0	%100
173	M131A	X	-.745	-.745	0	%100
174	M131A	Z	-.43	-.43	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-1.256	-1.256	0	%100
2	M1	Z	-2.175	-2.175	0	%100
3	M2	X	-1.256	-1.256	0	%100
4	M2	Z	-2.175	-2.175	0	%100
5	M13	X	-.161	-.161	0	%100
6	M13	Z	-.278	-.278	0	%100
7	M14	X	-.161	-.161	0	%100
8	M14	Z	-.278	-.278	0	%100
9	M15	X	-.161	-.161	0	%100
10	M15	Z	-.278	-.278	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,%]
11	M16	X	-.161	-.161	0	%100
12	M16	Z	-.278	-.278	0	%100
13	M17	X	-1.145	-1.145	0	%100
14	M17	Z	-1.982	-1.982	0	%100
15	M18	X	-1.145	-1.145	0	%100
16	M18	Z	-1.982	-1.982	0	%100
17	M19	X	-.163	-.163	0	%100
18	M19	Z	-.282	-.282	0	%100
19	OVP	X	-.163	-.163	0	%100
20	OVP	Z	-.282	-.282	0	%100
21	M21	X	-.483	-.483	0	%100
22	M21	Z	-.837	-.837	0	%100
23	M22	X	-.483	-.483	0	%100
24	M22	Z	-.837	-.837	0	%100
25	M23	X	-.483	-.483	0	%100
26	M23	Z	-.837	-.837	0	%100
27	M24	X	-.483	-.483	0	%100
28	M24	Z	-.837	-.837	0	%100
29	M25	X	-.935	-.935	0	%100
30	M25	Z	-1.619	-1.619	0	%100
31	M26	X	-.935	-.935	0	%100
32	M26	Z	-1.619	-1.619	0	%100
33	M27	X	-.65	-.65	0	%100
34	M27	Z	-1.125	-1.125	0	%100
35	M28	X	-.65	-.65	0	%100
36	M28	Z	-1.125	-1.125	0	%100
37	MP4A	X	-1.516	-1.516	0	%100
38	MP4A	Z	-2.625	-2.625	0	%100
39	MP3A	X	-1.516	-1.516	0	%100
40	MP3A	Z	-2.625	-2.625	0	%100
41	MP2A	X	-1.675	-1.675	0	%100
42	MP2A	Z	-2.901	-2.901	0	%100
43	MP1A	X	-1.516	-1.516	0	%100
44	MP1A	Z	-2.625	-2.625	0	%100
45	M44	X	-.843	-.843	0	%100
46	M44	Z	-1.459	-1.459	0	%100
47	M45	X	-.843	-.843	0	%100
48	M45	Z	-1.459	-1.459	0	%100
49	M46	X	-.843	-.843	0	%100
50	M46	Z	-1.459	-1.459	0	%100
51	M47	X	-.843	-.843	0	%100
52	M47	Z	-1.459	-1.459	0	%100
53	M43	X	-2.192	-2.192	0	%100
54	M43	Z	-3.796	-3.796	0	%100
55	M44A	X	0	0	0	%100
56	M44A	Z	0	0	0	%100
57	M45A	X	0	0	0	%100
58	M45A	Z	0	0	0	%100
59	M54	X	-.642	-.642	0	%100
60	M54	Z	-1.112	-1.112	0	%100
61	M55	X	-.642	-.642	0	%100
62	M55	Z	-1.112	-1.112	0	%100
63	M56	X	-.642	-.642	0	%100
64	M56	Z	-1.112	-1.112	0	%100
65	M57	X	-.642	-.642	0	%100
66	M57	Z	-1.112	-1.112	0	%100
67	M58	X	-.444	-.444	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,%]
68	M58	Z	-.769	-.769	0	%100
69	M59	X	-.444	-.444	0	%100
70	M59	Z	-.769	-.769	0	%100
71	M60	X	-.444	-.444	0	%100
72	M60	Z	-.769	-.769	0	%100
73	M61	X	-.444	-.444	0	%100
74	M61	Z	-.769	-.769	0	%100
75	M62	X	0	0	0	%100
76	M62	Z	0	0	0	%100
77	M63	X	0	0	0	%100
78	M63	Z	0	0	0	%100
79	M64	X	0	0	0	%100
80	M64	Z	0	0	0	%100
81	M65	X	0	0	0	%100
82	M65	Z	0	0	0	%100
83	M66	X	-.731	-.731	0	%100
84	M66	Z	-1.266	-1.266	0	%100
85	M67	X	-.731	-.731	0	%100
86	M67	Z	-1.266	-1.266	0	%100
87	M68	X	-.731	-.731	0	%100
88	M68	Z	-1.266	-1.266	0	%100
89	M69	X	-.731	-.731	0	%100
90	M69	Z	-1.266	-1.266	0	%100
91	MP4C	X	-1.516	-1.516	0	%100
92	MP4C	Z	-2.625	-2.625	0	%100
93	MP3C	X	-1.516	-1.516	0	%100
94	MP3C	Z	-2.625	-2.625	0	%100
95	MP2C	X	-1.675	-1.675	0	%100
96	MP2C	Z	-2.901	-2.901	0	%100
97	MP1C	X	-1.516	-1.516	0	%100
98	MP1C	Z	-2.625	-2.625	0	%100
99	M74	X	-.843	-.843	0	%100
100	M74	Z	-1.459	-1.459	0	%100
101	M75	X	-.843	-.843	0	%100
102	M75	Z	-1.459	-1.459	0	%100
103	M76	X	-.843	-.843	0	%100
104	M76	Z	-1.459	-1.459	0	%100
105	M77	X	-.843	-.843	0	%100
106	M77	Z	-1.459	-1.459	0	%100
107	M84	X	-2.192	-2.192	0	%100
108	M84	Z	-3.796	-3.796	0	%100
109	M85	X	-1.256	-1.256	0	%100
110	M85	Z	-2.175	-2.175	0	%100
111	M86	X	-1.256	-1.256	0	%100
112	M86	Z	-2.175	-2.175	0	%100
113	M95	X	-.161	-.161	0	%100
114	M95	Z	-.278	-.278	0	%100
115	M96	X	-.161	-.161	0	%100
116	M96	Z	-.278	-.278	0	%100
117	M97	X	-.161	-.161	0	%100
118	M97	Z	-.278	-.278	0	%100
119	M98	X	-.161	-.161	0	%100
120	M98	Z	-.278	-.278	0	%100
121	M99	X	-.163	-.163	0	%100
122	M99	Z	-.282	-.282	0	%100
123	M100	X	-.163	-.163	0	%100
124	M100	Z	-.282	-.282	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,%]
125	M101	X	-1.145	-1.145	0	%100
126	M101	Z	-1.982	-1.982	0	%100
127	M102	X	-1.145	-1.145	0	%100
128	M102	Z	-1.982	-1.982	0	%100
129	M103	X	-.483	-.483	0	%100
130	M103	Z	-.837	-.837	0	%100
131	M104	X	-.483	-.483	0	%100
132	M104	Z	-.837	-.837	0	%100
133	M105	X	-.483	-.483	0	%100
134	M105	Z	-.837	-.837	0	%100
135	M106	X	-.483	-.483	0	%100
136	M106	Z	-.837	-.837	0	%100
137	M107	X	-.65	-.65	0	%100
138	M107	Z	-1.125	-1.125	0	%100
139	M108	X	-.65	-.65	0	%100
140	M108	Z	-1.125	-1.125	0	%100
141	M109	X	-.935	-.935	0	%100
142	M109	Z	-1.619	-1.619	0	%100
143	M110	X	-.935	-.935	0	%100
144	M110	Z	-1.619	-1.619	0	%100
145	MP4B	X	-1.516	-1.516	0	%100
146	MP4B	Z	-2.625	-2.625	0	%100
147	MP3B	X	-1.516	-1.516	0	%100
148	MP3B	Z	-2.625	-2.625	0	%100
149	MP2B	X	-1.675	-1.675	0	%100
150	MP2B	Z	-2.901	-2.901	0	%100
151	MP1B	X	-1.516	-1.516	0	%100
152	MP1B	Z	-2.625	-2.625	0	%100
153	M115	X	-.843	-.843	0	%100
154	M115	Z	-1.459	-1.459	0	%100
155	M116	X	-.843	-.843	0	%100
156	M116	Z	-1.459	-1.459	0	%100
157	M117	X	-.843	-.843	0	%100
158	M117	Z	-1.459	-1.459	0	%100
159	M118	X	-.843	-.843	0	%100
160	M118	Z	-1.459	-1.459	0	%100
161	M125	X	-2.192	-2.192	0	%100
162	M125	Z	-3.796	-3.796	0	%100
163	M126	X	-.002	-.002	0	%100
164	M126	Z	-.004	-.004	0	%100
165	M129	X	-1.152	-1.152	0	%100
166	M129	Z	-1.996	-1.996	0	%100
167	M130	X	-1.152	-1.152	0	%100
168	M130	Z	-1.996	-1.996	0	%100
169	M131	X	0	0	0	%100
170	M131	Z	0	0	0	%100
171	M130A	X	-1.086	-1.086	0	%100
172	M130A	Z	-1.88	-1.88	0	%100
173	M131A	X	-1.186	-1.186	0	%100
174	M131A	Z	-2.053	-2.053	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	-.659	-.659	0	%100
3	M2	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
4	M2	Z	-.659	-.659	0	%100
5	M13	X	0	0	0	%100
6	M13	Z	0	0	0	%100
7	M14	X	0	0	0	%100
8	M14	Z	0	0	0	%100
9	M15	X	0	0	0	%100
10	M15	Z	0	0	0	%100
11	M16	X	0	0	0	%100
12	M16	Z	0	0	0	%100
13	M17	X	0	0	0	%100
14	M17	Z	-.26	-.26	0	%100
15	M18	X	0	0	0	%100
16	M18	Z	-.26	-.26	0	%100
17	M19	X	0	0	0	%100
18	M19	Z	-.26	-.26	0	%100
19	OVP	X	0	0	0	%100
20	OVP	Z	-.26	-.26	0	%100
21	M21	X	0	0	0	%100
22	M21	Z	-.143	-.143	0	%100
23	M22	X	0	0	0	%100
24	M22	Z	-.143	-.143	0	%100
25	M23	X	0	0	0	%100
26	M23	Z	-.143	-.143	0	%100
27	M24	X	0	0	0	%100
28	M24	Z	-.143	-.143	0	%100
29	M25	X	0	0	0	%100
30	M25	Z	-.148	-.148	0	%100
31	M26	X	0	0	0	%100
32	M26	Z	-.148	-.148	0	%100
33	M27	X	0	0	0	%100
34	M27	Z	-.148	-.148	0	%100
35	M28	X	0	0	0	%100
36	M28	Z	-.148	-.148	0	%100
37	MP4A	X	0	0	0	%100
38	MP4A	Z	-.544	-.544	0	%100
39	MP3A	X	0	0	0	%100
40	MP3A	Z	-.544	-.544	0	%100
41	MP2A	X	0	0	0	%100
42	MP2A	Z	-.659	-.659	0	%100
43	MP1A	X	0	0	0	%100
44	MP1A	Z	-.544	-.544	0	%100
45	M44	X	0	0	0	%100
46	M44	Z	-.143	-.143	0	%100
47	M45	X	0	0	0	%100
48	M45	Z	-.143	-.143	0	%100
49	M46	X	0	0	0	%100
50	M46	Z	-.143	-.143	0	%100
51	M47	X	0	0	0	%100
52	M47	Z	-.143	-.143	0	%100
53	M43	X	0	0	0	%100
54	M43	Z	-.828	-.828	0	%100
55	M44A	X	0	0	0	%100
56	M44A	Z	-.165	-.165	0	%100
57	M45A	X	0	0	0	%100
58	M45A	Z	-.165	-.165	0	%100
59	M54	X	0	0	0	%100
60	M54	Z	-.107	-.107	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,%]
61	M55	X	0	0	0	%100
62	M55	Z	-.107	-.107	0	%100
63	M56	X	0	0	0	%100
64	M56	Z	-.107	-.107	0	%100
65	M57	X	0	0	0	%100
66	M57	Z	-.107	-.107	0	%100
67	M58	X	0	0	0	%100
68	M58	Z	-.361	-.361	0	%100
69	M59	X	0	0	0	%100
70	M59	Z	-.361	-.361	0	%100
71	M60	X	0	0	0	%100
72	M60	Z	-.008	-.008	0	%100
73	M61	X	0	0	0	%100
74	M61	Z	-.008	-.008	0	%100
75	M62	X	0	0	0	%100
76	M62	Z	-.036	-.036	0	%100
77	M63	X	0	0	0	%100
78	M63	Z	-.036	-.036	0	%100
79	M64	X	0	0	0	%100
80	M64	Z	-.036	-.036	0	%100
81	M65	X	0	0	0	%100
82	M65	Z	-.036	-.036	0	%100
83	M66	X	0	0	0	%100
84	M66	Z	-.163	-.163	0	%100
85	M67	X	0	0	0	%100
86	M67	Z	-.163	-.163	0	%100
87	M68	X	0	0	0	%100
88	M68	Z	-.111	-.111	0	%100
89	M69	X	0	0	0	%100
90	M69	Z	-.111	-.111	0	%100
91	MP4C	X	0	0	0	%100
92	MP4C	Z	-.544	-.544	0	%100
93	MP3C	X	0	0	0	%100
94	MP3C	Z	-.544	-.544	0	%100
95	MP2C	X	0	0	0	%100
96	MP2C	Z	-.659	-.659	0	%100
97	MP1C	X	0	0	0	%100
98	MP1C	Z	-.544	-.544	0	%100
99	M74	X	0	0	0	%100
100	M74	Z	-.143	-.143	0	%100
101	M75	X	0	0	0	%100
102	M75	Z	-.143	-.143	0	%100
103	M76	X	0	0	0	%100
104	M76	Z	-.143	-.143	0	%100
105	M77	X	0	0	0	%100
106	M77	Z	-.143	-.143	0	%100
107	M84	X	0	0	0	%100
108	M84	Z	-.828	-.828	0	%100
109	M85	X	0	0	0	%100
110	M85	Z	-.165	-.165	0	%100
111	M86	X	0	0	0	%100
112	M86	Z	-.165	-.165	0	%100
113	M95	X	0	0	0	%100
114	M95	Z	-.107	-.107	0	%100
115	M96	X	0	0	0	%100
116	M96	Z	-.107	-.107	0	%100
117	M97	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
118	M97	Z	-.107	-.107	0	%100
119	M98	X	0	0	0	%100
120	M98	Z	-.107	-.107	0	%100
121	M99	X	0	0	0	%100
122	M99	Z	-.008	-.008	0	%100
123	M100	X	0	0	0	%100
124	M100	Z	-.008	-.008	0	%100
125	M101	X	0	0	0	%100
126	M101	Z	-.361	-.361	0	%100
127	M102	X	0	0	0	%100
128	M102	Z	-.361	-.361	0	%100
129	M103	X	0	0	0	%100
130	M103	Z	-.036	-.036	0	%100
131	M104	X	0	0	0	%100
132	M104	Z	-.036	-.036	0	%100
133	M105	X	0	0	0	%100
134	M105	Z	-.036	-.036	0	%100
135	M106	X	0	0	0	%100
136	M106	Z	-.036	-.036	0	%100
137	M107	X	0	0	0	%100
138	M107	Z	-.111	-.111	0	%100
139	M108	X	0	0	0	%100
140	M108	Z	-.111	-.111	0	%100
141	M109	X	0	0	0	%100
142	M109	Z	-.163	-.163	0	%100
143	M110	X	0	0	0	%100
144	M110	Z	-.163	-.163	0	%100
145	MP4B	X	0	0	0	%100
146	MP4B	Z	-.544	-.544	0	%100
147	MP3B	X	0	0	0	%100
148	MP3B	Z	-.544	-.544	0	%100
149	MP2B	X	0	0	0	%100
150	MP2B	Z	-.659	-.659	0	%100
151	MP1B	X	0	0	0	%100
152	MP1B	Z	-.544	-.544	0	%100
153	M115	X	0	0	0	%100
154	M115	Z	-.143	-.143	0	%100
155	M116	X	0	0	0	%100
156	M116	Z	-.143	-.143	0	%100
157	M117	X	0	0	0	%100
158	M117	Z	-.143	-.143	0	%100
159	M118	X	0	0	0	%100
160	M118	Z	-.143	-.143	0	%100
161	M125	X	0	0	0	%100
162	M125	Z	-.828	-.828	0	%100
163	M126	X	0	0	0	%100
164	M126	Z	-.154	-.154	0	%100
165	M129	X	0	0	0	%100
166	M129	Z	-.155	-.155	0	%100
167	M130	X	0	0	0	%100
168	M130	Z	-.622	-.622	0	%100
169	M131	X	0	0	0	%100
170	M131	Z	-.155	-.155	0	%100
171	M130A	X	0	0	0	%100
172	M130A	Z	-.118	-.118	0	%100
173	M131A	X	0	0	0	%100
174	M131A	Z	-.543	-.543	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.247	.247	0	%100
2	M1	Z	-.428	-.428	0	%100
3	M2	X	.247	.247	0	%100
4	M2	Z	-.428	-.428	0	%100
5	M13	X	.018	.018	0	%100
6	M13	Z	-.031	-.031	0	%100
7	M14	X	.018	.018	0	%100
8	M14	Z	-.031	-.031	0	%100
9	M15	X	.018	.018	0	%100
10	M15	Z	-.031	-.031	0	%100
11	M16	X	.018	.018	0	%100
12	M16	Z	-.031	-.031	0	%100
13	M17	X	.029	.029	0	%100
14	M17	Z	-.051	-.051	0	%100
15	M18	X	.029	.029	0	%100
16	M18	Z	-.051	-.051	0	%100
17	M19	X	.206	.206	0	%100
18	M19	Z	-.356	-.356	0	%100
19	OVP	X	.206	.206	0	%100
20	OVP	Z	-.356	-.356	0	%100
21	M21	X	.054	.054	0	%100
22	M21	Z	-.093	-.093	0	%100
23	M22	X	.054	.054	0	%100
24	M22	Z	-.093	-.093	0	%100
25	M23	X	.054	.054	0	%100
26	M23	Z	-.093	-.093	0	%100
27	M24	X	.054	.054	0	%100
28	M24	Z	-.093	-.093	0	%100
29	M25	X	.059	.059	0	%100
30	M25	Z	-.103	-.103	0	%100
31	M26	X	.059	.059	0	%100
32	M26	Z	-.103	-.103	0	%100
33	M27	X	.085	.085	0	%100
34	M27	Z	-.148	-.148	0	%100
35	M28	X	.085	.085	0	%100
36	M28	Z	-.148	-.148	0	%100
37	MP4A	X	.272	.272	0	%100
38	MP4A	Z	-.471	-.471	0	%100
39	MP3A	X	.272	.272	0	%100
40	MP3A	Z	-.471	-.471	0	%100
41	MP2A	X	.329	.329	0	%100
42	MP2A	Z	-.57	-.57	0	%100
43	MP1A	X	.272	.272	0	%100
44	MP1A	Z	-.471	-.471	0	%100
45	M44	X	.072	.072	0	%100
46	M44	Z	-.124	-.124	0	%100
47	M45	X	.072	.072	0	%100
48	M45	Z	-.124	-.124	0	%100
49	M46	X	.072	.072	0	%100
50	M46	Z	-.124	-.124	0	%100
51	M47	X	.072	.072	0	%100
52	M47	Z	-.124	-.124	0	%100
53	M43	X	.414	.414	0	%100
54	M43	Z	-.717	-.717	0	%100
55	M44A	X	.247	.247	0	%100
56	M44A	Z	-.428	-.428	0	%100
57	M45A	X	.247	.247	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,%]
58	M45A	Z	-.428	-.428	0	%100
59	M54	X	.018	.018	0	%100
60	M54	Z	-.031	-.031	0	%100
61	M55	X	.018	.018	0	%100
62	M55	Z	-.031	-.031	0	%100
63	M56	X	.018	.018	0	%100
64	M56	Z	-.031	-.031	0	%100
65	M57	X	.018	.018	0	%100
66	M57	Z	-.031	-.031	0	%100
67	M58	X	.206	.206	0	%100
68	M58	Z	-.356	-.356	0	%100
69	M59	X	.206	.206	0	%100
70	M59	Z	-.356	-.356	0	%100
71	M60	X	.029	.029	0	%100
72	M60	Z	-.051	-.051	0	%100
73	M61	X	.029	.029	0	%100
74	M61	Z	-.051	-.051	0	%100
75	M62	X	.054	.054	0	%100
76	M62	Z	-.093	-.093	0	%100
77	M63	X	.054	.054	0	%100
78	M63	Z	-.093	-.093	0	%100
79	M64	X	.054	.054	0	%100
80	M64	Z	-.093	-.093	0	%100
81	M65	X	.054	.054	0	%100
82	M65	Z	-.093	-.093	0	%100
83	M66	X	.085	.085	0	%100
84	M66	Z	-.148	-.148	0	%100
85	M67	X	.085	.085	0	%100
86	M67	Z	-.148	-.148	0	%100
87	M68	X	.059	.059	0	%100
88	M68	Z	-.103	-.103	0	%100
89	M69	X	.059	.059	0	%100
90	M69	Z	-.103	-.103	0	%100
91	MP4C	X	.272	.272	0	%100
92	MP4C	Z	-.471	-.471	0	%100
93	MP3C	X	.272	.272	0	%100
94	MP3C	Z	-.471	-.471	0	%100
95	MP2C	X	.329	.329	0	%100
96	MP2C	Z	-.57	-.57	0	%100
97	MP1C	X	.272	.272	0	%100
98	MP1C	Z	-.471	-.471	0	%100
99	M74	X	.072	.072	0	%100
100	M74	Z	-.124	-.124	0	%100
101	M75	X	.072	.072	0	%100
102	M75	Z	-.124	-.124	0	%100
103	M76	X	.072	.072	0	%100
104	M76	Z	-.124	-.124	0	%100
105	M77	X	.072	.072	0	%100
106	M77	Z	-.124	-.124	0	%100
107	M84	X	.414	.414	0	%100
108	M84	Z	-.717	-.717	0	%100
109	M85	X	0	0	0	%100
110	M85	Z	0	0	0	%100
111	M86	X	0	0	0	%100
112	M86	Z	0	0	0	%100
113	M95	X	.072	.072	0	%100
114	M95	Z	-.124	-.124	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,%]
115	M96	X	.072	.072	0	%100
116	M96	Z	-.124	-.124	0	%100
117	M97	X	.072	.072	0	%100
118	M97	Z	-.124	-.124	0	%100
119	M98	X	.072	.072	0	%100
120	M98	Z	-.124	-.124	0	%100
121	M99	X	.08	.08	0	%100
122	M99	Z	-.138	-.138	0	%100
123	M100	X	.08	.08	0	%100
124	M100	Z	-.138	-.138	0	%100
125	M101	X	.08	.08	0	%100
126	M101	Z	-.138	-.138	0	%100
127	M102	X	.08	.08	0	%100
128	M102	Z	-.138	-.138	0	%100
129	M103	X	0	0	0	%100
130	M103	Z	0	0	0	%100
131	M104	X	0	0	0	%100
132	M104	Z	0	0	0	%100
133	M105	X	0	0	0	%100
134	M105	Z	0	0	0	%100
135	M106	X	0	0	0	%100
136	M106	Z	0	0	0	%100
137	M107	X	.067	.067	0	%100
138	M107	Z	-.116	-.116	0	%100
139	M108	X	.067	.067	0	%100
140	M108	Z	-.116	-.116	0	%100
141	M109	X	.067	.067	0	%100
142	M109	Z	-.116	-.116	0	%100
143	M110	X	.067	.067	0	%100
144	M110	Z	-.116	-.116	0	%100
145	MP4B	X	.272	.272	0	%100
146	MP4B	Z	-.471	-.471	0	%100
147	MP3B	X	.272	.272	0	%100
148	MP3B	Z	-.471	-.471	0	%100
149	MP2B	X	.329	.329	0	%100
150	MP2B	Z	-.57	-.57	0	%100
151	MP1B	X	.272	.272	0	%100
152	MP1B	Z	-.471	-.471	0	%100
153	M115	X	.072	.072	0	%100
154	M115	Z	-.124	-.124	0	%100
155	M116	X	.072	.072	0	%100
156	M116	Z	-.124	-.124	0	%100
157	M117	X	.072	.072	0	%100
158	M117	Z	-.124	-.124	0	%100
159	M118	X	.072	.072	0	%100
160	M118	Z	-.124	-.124	0	%100
161	M125	X	.414	.414	0	%100
162	M125	Z	-.717	-.717	0	%100
163	M126	X	.213	.213	0	%100
164	M126	Z	-.369	-.369	0	%100
165	M129	X	0	0	0	%100
166	M129	Z	0	0	0	%100
167	M130	X	.233	.233	0	%100
168	M130	Z	-.404	-.404	0	%100
169	M131	X	.233	.233	0	%100
170	M131	Z	-.404	-.404	0	%100
171	M130A	X	.000395	.000395	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
172	M130A	Z	-.000684	-.000684	0	%100
173	M131A	X	.195	.195	0	%100
174	M131A	Z	-.338	-.338	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.143	.143	0	%100
2	M1	Z	-.082	-.082	0	%100
3	M2	X	.143	.143	0	%100
4	M2	Z	-.082	-.082	0	%100
5	M13	X	.093	.093	0	%100
6	M13	Z	-.054	-.054	0	%100
7	M14	X	.093	.093	0	%100
8	M14	Z	-.054	-.054	0	%100
9	M15	X	.093	.093	0	%100
10	M15	Z	-.054	-.054	0	%100
11	M16	X	.093	.093	0	%100
12	M16	Z	-.054	-.054	0	%100
13	M17	X	.007	.007	0	%100
14	M17	Z	-.004	-.004	0	%100
15	M18	X	.007	.007	0	%100
16	M18	Z	-.004	-.004	0	%100
17	M19	X	.313	.313	0	%100
18	M19	Z	-.18	-.18	0	%100
19	OVP	X	.313	.313	0	%100
20	OVP	Z	-.18	-.18	0	%100
21	M21	X	.031	.031	0	%100
22	M21	Z	-.018	-.018	0	%100
23	M22	X	.031	.031	0	%100
24	M22	Z	-.018	-.018	0	%100
25	M23	X	.031	.031	0	%100
26	M23	Z	-.018	-.018	0	%100
27	M24	X	.031	.031	0	%100
28	M24	Z	-.018	-.018	0	%100
29	M25	X	.096	.096	0	%100
30	M25	Z	-.056	-.056	0	%100
31	M26	X	.096	.096	0	%100
32	M26	Z	-.056	-.056	0	%100
33	M27	X	.141	.141	0	%100
34	M27	Z	-.082	-.082	0	%100
35	M28	X	.141	.141	0	%100
36	M28	Z	-.082	-.082	0	%100
37	MP4A	X	.471	.471	0	%100
38	MP4A	Z	-.272	-.272	0	%100
39	MP3A	X	.471	.471	0	%100
40	MP3A	Z	-.272	-.272	0	%100
41	MP2A	X	.57	.57	0	%100
42	MP2A	Z	-.329	-.329	0	%100
43	MP1A	X	.471	.471	0	%100
44	MP1A	Z	-.272	-.272	0	%100
45	M44	X	.124	.124	0	%100
46	M44	Z	-.072	-.072	0	%100
47	M45	X	.124	.124	0	%100
48	M45	Z	-.072	-.072	0	%100
49	M46	X	.124	.124	0	%100
50	M46	Z	-.072	-.072	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,%]
51	M47	X	.124	.124	0	%100
52	M47	Z	-.072	-.072	0	%100
53	M43	X	.717	.717	0	%100
54	M43	Z	-.414	-.414	0	%100
55	M44A	X	.57	.57	0	%100
56	M44A	Z	-.329	-.329	0	%100
57	M45A	X	.57	.57	0	%100
58	M45A	Z	-.329	-.329	0	%100
59	M54	X	0	0	0	%100
60	M54	Z	0	0	0	%100
61	M55	X	0	0	0	%100
62	M55	Z	0	0	0	%100
63	M56	X	0	0	0	%100
64	M56	Z	0	0	0	%100
65	M57	X	0	0	0	%100
66	M57	Z	0	0	0	%100
67	M58	X	.225	.225	0	%100
68	M58	Z	-.13	-.13	0	%100
69	M59	X	.225	.225	0	%100
70	M59	Z	-.13	-.13	0	%100
71	M60	X	.225	.225	0	%100
72	M60	Z	-.13	-.13	0	%100
73	M61	X	.225	.225	0	%100
74	M61	Z	-.13	-.13	0	%100
75	M62	X	.124	.124	0	%100
76	M62	Z	-.072	-.072	0	%100
77	M63	X	.124	.124	0	%100
78	M63	Z	-.072	-.072	0	%100
79	M64	X	.124	.124	0	%100
80	M64	Z	-.072	-.072	0	%100
81	M65	X	.124	.124	0	%100
82	M65	Z	-.072	-.072	0	%100
83	M66	X	.128	.128	0	%100
84	M66	Z	-.074	-.074	0	%100
85	M67	X	.128	.128	0	%100
86	M67	Z	-.074	-.074	0	%100
87	M68	X	.128	.128	0	%100
88	M68	Z	-.074	-.074	0	%100
89	M69	X	.128	.128	0	%100
90	M69	Z	-.074	-.074	0	%100
91	MP4C	X	.471	.471	0	%100
92	MP4C	Z	-.272	-.272	0	%100
93	MP3C	X	.471	.471	0	%100
94	MP3C	Z	-.272	-.272	0	%100
95	MP2C	X	.57	.57	0	%100
96	MP2C	Z	-.329	-.329	0	%100
97	MP1C	X	.471	.471	0	%100
98	MP1C	Z	-.272	-.272	0	%100
99	M74	X	.124	.124	0	%100
100	M74	Z	-.072	-.072	0	%100
101	M75	X	.124	.124	0	%100
102	M75	Z	-.072	-.072	0	%100
103	M76	X	.124	.124	0	%100
104	M76	Z	-.072	-.072	0	%100
105	M77	X	.124	.124	0	%100
106	M77	Z	-.072	-.072	0	%100
107	M84	X	.717	.717	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,%]
108	M84	Z	-.414	-.414	0	%100
109	M85	X	.143	.143	0	%100
110	M85	Z	-.082	-.082	0	%100
111	M86	X	.143	.143	0	%100
112	M86	Z	-.082	-.082	0	%100
113	M95	X	.093	.093	0	%100
114	M95	Z	-.054	-.054	0	%100
115	M96	X	.093	.093	0	%100
116	M96	Z	-.054	-.054	0	%100
117	M97	X	.093	.093	0	%100
118	M97	Z	-.054	-.054	0	%100
119	M98	X	.093	.093	0	%100
120	M98	Z	-.054	-.054	0	%100
121	M99	X	.313	.313	0	%100
122	M99	Z	-.18	-.18	0	%100
123	M100	X	.313	.313	0	%100
124	M100	Z	-.18	-.18	0	%100
125	M101	X	.007	.007	0	%100
126	M101	Z	-.004	-.004	0	%100
127	M102	X	.007	.007	0	%100
128	M102	Z	-.004	-.004	0	%100
129	M103	X	.031	.031	0	%100
130	M103	Z	-.018	-.018	0	%100
131	M104	X	.031	.031	0	%100
132	M104	Z	-.018	-.018	0	%100
133	M105	X	.031	.031	0	%100
134	M105	Z	-.018	-.018	0	%100
135	M106	X	.031	.031	0	%100
136	M106	Z	-.018	-.018	0	%100
137	M107	X	.141	.141	0	%100
138	M107	Z	-.082	-.082	0	%100
139	M108	X	.141	.141	0	%100
140	M108	Z	-.082	-.082	0	%100
141	M109	X	.096	.096	0	%100
142	M109	Z	-.056	-.056	0	%100
143	M110	X	.096	.096	0	%100
144	M110	Z	-.056	-.056	0	%100
145	MP4B	X	.471	.471	0	%100
146	MP4B	Z	-.272	-.272	0	%100
147	MP3B	X	.471	.471	0	%100
148	MP3B	Z	-.272	-.272	0	%100
149	MP2B	X	.57	.57	0	%100
150	MP2B	Z	-.329	-.329	0	%100
151	MP1B	X	.471	.471	0	%100
152	MP1B	Z	-.272	-.272	0	%100
153	M115	X	.124	.124	0	%100
154	M115	Z	-.072	-.072	0	%100
155	M116	X	.124	.124	0	%100
156	M116	Z	-.072	-.072	0	%100
157	M117	X	.124	.124	0	%100
158	M117	Z	-.072	-.072	0	%100
159	M118	X	.124	.124	0	%100
160	M118	Z	-.072	-.072	0	%100
161	M125	X	.717	.717	0	%100
162	M125	Z	-.414	-.414	0	%100
163	M126	X	.471	.471	0	%100
164	M126	Z	-.272	-.272	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,%]
165	M129	X	.135	.135	0	%100
166	M129	Z	-.078	-.078	0	%100
167	M130	X	.135	.135	0	%100
168	M130	Z	-.078	-.078	0	%100
169	M131	X	.538	.538	0	%100
170	M131	Z	-.311	-.311	0	%100
171	M130A	X	.134	.134	0	%100
172	M130A	Z	-.077	-.077	0	%100
173	M131A	X	.103	.103	0	%100
174	M131A	Z	-.059	-.059	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M13	X	.143	.143	0	%100
6	M13	Z	0	0	0	%100
7	M14	X	.143	.143	0	%100
8	M14	Z	0	0	0	%100
9	M15	X	.143	.143	0	%100
10	M15	Z	0	0	0	%100
11	M16	X	.143	.143	0	%100
12	M16	Z	0	0	0	%100
13	M17	X	.159	.159	0	%100
14	M17	Z	0	0	0	%100
15	M18	X	.159	.159	0	%100
16	M18	Z	0	0	0	%100
17	M19	X	.159	.159	0	%100
18	M19	Z	0	0	0	%100
19	OVP	X	.159	.159	0	%100
20	OVP	Z	0	0	0	%100
21	M21	X	0	0	0	%100
22	M21	Z	0	0	0	%100
23	M22	X	0	0	0	%100
24	M22	Z	0	0	0	%100
25	M23	X	0	0	0	%100
26	M23	Z	0	0	0	%100
27	M24	X	0	0	0	%100
28	M24	Z	0	0	0	%100
29	M25	X	.133	.133	0	%100
30	M25	Z	0	0	0	%100
31	M26	X	.133	.133	0	%100
32	M26	Z	0	0	0	%100
33	M27	X	.133	.133	0	%100
34	M27	Z	0	0	0	%100
35	M28	X	.133	.133	0	%100
36	M28	Z	0	0	0	%100
37	MP4A	X	.544	.544	0	%100
38	MP4A	Z	0	0	0	%100
39	MP3A	X	.544	.544	0	%100
40	MP3A	Z	0	0	0	%100
41	MP2A	X	.659	.659	0	%100
42	MP2A	Z	0	0	0	%100
43	MP1A	X	.544	.544	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,%]
44	MP1A	Z	0	0	0	%100
45	M44	X	.143	.143	0	%100
46	M44	Z	0	0	0	%100
47	M45	X	.143	.143	0	%100
48	M45	Z	0	0	0	%100
49	M46	X	.143	.143	0	%100
50	M46	Z	0	0	0	%100
51	M47	X	.143	.143	0	%100
52	M47	Z	0	0	0	%100
53	M43	X	.828	.828	0	%100
54	M43	Z	0	0	0	%100
55	M44A	X	.494	.494	0	%100
56	M44A	Z	0	0	0	%100
57	M45A	X	.494	.494	0	%100
58	M45A	Z	0	0	0	%100
59	M54	X	.036	.036	0	%100
60	M54	Z	0	0	0	%100
61	M55	X	.036	.036	0	%100
62	M55	Z	0	0	0	%100
63	M56	X	.036	.036	0	%100
64	M56	Z	0	0	0	%100
65	M57	X	.036	.036	0	%100
66	M57	Z	0	0	0	%100
67	M58	X	.059	.059	0	%100
68	M58	Z	0	0	0	%100
69	M59	X	.059	.059	0	%100
70	M59	Z	0	0	0	%100
71	M60	X	.411	.411	0	%100
72	M60	Z	0	0	0	%100
73	M61	X	.411	.411	0	%100
74	M61	Z	0	0	0	%100
75	M62	X	.107	.107	0	%100
76	M62	Z	0	0	0	%100
77	M63	X	.107	.107	0	%100
78	M63	Z	0	0	0	%100
79	M64	X	.107	.107	0	%100
80	M64	Z	0	0	0	%100
81	M65	X	.107	.107	0	%100
82	M65	Z	0	0	0	%100
83	M66	X	.119	.119	0	%100
84	M66	Z	0	0	0	%100
85	M67	X	.119	.119	0	%100
86	M67	Z	0	0	0	%100
87	M68	X	.171	.171	0	%100
88	M68	Z	0	0	0	%100
89	M69	X	.171	.171	0	%100
90	M69	Z	0	0	0	%100
91	MP4C	X	.544	.544	0	%100
92	MP4C	Z	0	0	0	%100
93	MP3C	X	.544	.544	0	%100
94	MP3C	Z	0	0	0	%100
95	MP2C	X	.659	.659	0	%100
96	MP2C	Z	0	0	0	%100
97	MP1C	X	.544	.544	0	%100
98	MP1C	Z	0	0	0	%100
99	M74	X	.143	.143	0	%100
100	M74	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
101	M75	X	.143	.143	0	%100
102	M75	Z	0	0	0	%100
103	M76	X	.143	.143	0	%100
104	M76	Z	0	0	0	%100
105	M77	X	.143	.143	0	%100
106	M77	Z	0	0	0	%100
107	M84	X	.828	.828	0	%100
108	M84	Z	0	0	0	%100
109	M85	X	.494	.494	0	%100
110	M85	Z	0	0	0	%100
111	M86	X	.494	.494	0	%100
112	M86	Z	0	0	0	%100
113	M95	X	.036	.036	0	%100
114	M95	Z	0	0	0	%100
115	M96	X	.036	.036	0	%100
116	M96	Z	0	0	0	%100
117	M97	X	.036	.036	0	%100
118	M97	Z	0	0	0	%100
119	M98	X	.036	.036	0	%100
120	M98	Z	0	0	0	%100
121	M99	X	.411	.411	0	%100
122	M99	Z	0	0	0	%100
123	M100	X	.411	.411	0	%100
124	M100	Z	0	0	0	%100
125	M101	X	.059	.059	0	%100
126	M101	Z	0	0	0	%100
127	M102	X	.059	.059	0	%100
128	M102	Z	0	0	0	%100
129	M103	X	.107	.107	0	%100
130	M103	Z	0	0	0	%100
131	M104	X	.107	.107	0	%100
132	M104	Z	0	0	0	%100
133	M105	X	.107	.107	0	%100
134	M105	Z	0	0	0	%100
135	M106	X	.107	.107	0	%100
136	M106	Z	0	0	0	%100
137	M107	X	.171	.171	0	%100
138	M107	Z	0	0	0	%100
139	M108	X	.171	.171	0	%100
140	M108	Z	0	0	0	%100
141	M109	X	.119	.119	0	%100
142	M109	Z	0	0	0	%100
143	M110	X	.119	.119	0	%100
144	M110	Z	0	0	0	%100
145	MP4B	X	.544	.544	0	%100
146	MP4B	Z	0	0	0	%100
147	MP3B	X	.544	.544	0	%100
148	MP3B	Z	0	0	0	%100
149	MP2B	X	.659	.659	0	%100
150	MP2B	Z	0	0	0	%100
151	MP1B	X	.544	.544	0	%100
152	MP1B	Z	0	0	0	%100
153	M115	X	.143	.143	0	%100
154	M115	Z	0	0	0	%100
155	M116	X	.143	.143	0	%100
156	M116	Z	0	0	0	%100
157	M117	X	.143	.143	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,%]
158	M117	Z	0	0	0	%100
159	M118	X	.143	.143	0	%100
160	M118	Z	0	0	0	%100
161	M125	X	.828	.828	0	%100
162	M125	Z	0	0	0	%100
163	M126	X	.39	.39	0	%100
164	M126	Z	0	0	0	%100
165	M129	X	.466	.466	0	%100
166	M129	Z	0	0	0	%100
167	M130	X	0	0	0	%100
168	M130	Z	0	0	0	%100
169	M131	X	.466	.466	0	%100
170	M131	Z	0	0	0	%100
171	M130A	X	.426	.426	0	%100
172	M130A	Z	0	0	0	%100
173	M131A	X	.00079	.00079	0	%100
174	M131A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.143	.143	0	%100
2	M1	Z	.082	.082	0	%100
3	M2	X	.143	.143	0	%100
4	M2	Z	.082	.082	0	%100
5	M13	X	.093	.093	0	%100
6	M13	Z	.054	.054	0	%100
7	M14	X	.093	.093	0	%100
8	M14	Z	.054	.054	0	%100
9	M15	X	.093	.093	0	%100
10	M15	Z	.054	.054	0	%100
11	M16	X	.093	.093	0	%100
12	M16	Z	.054	.054	0	%100
13	M17	X	.313	.313	0	%100
14	M17	Z	.18	.18	0	%100
15	M18	X	.313	.313	0	%100
16	M18	Z	.18	.18	0	%100
17	M19	X	.007	.007	0	%100
18	M19	Z	.004	.004	0	%100
19	OVP	X	.007	.007	0	%100
20	OVP	Z	.004	.004	0	%100
21	M21	X	.031	.031	0	%100
22	M21	Z	.018	.018	0	%100
23	M22	X	.031	.031	0	%100
24	M22	Z	.018	.018	0	%100
25	M23	X	.031	.031	0	%100
26	M23	Z	.018	.018	0	%100
27	M24	X	.031	.031	0	%100
28	M24	Z	.018	.018	0	%100
29	M25	X	.141	.141	0	%100
30	M25	Z	.082	.082	0	%100
31	M26	X	.141	.141	0	%100
32	M26	Z	.082	.082	0	%100
33	M27	X	.096	.096	0	%100
34	M27	Z	.056	.056	0	%100
35	M28	X	.096	.096	0	%100
36	M28	Z	.056	.056	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,%]
37	MP4A	X	.471	.471	0	%100
38	MP4A	Z	.272	.272	0	%100
39	MP3A	X	.471	.471	0	%100
40	MP3A	Z	.272	.272	0	%100
41	MP2A	X	.57	.57	0	%100
42	MP2A	Z	.329	.329	0	%100
43	MP1A	X	.471	.471	0	%100
44	MP1A	Z	.272	.272	0	%100
45	M44	X	.124	.124	0	%100
46	M44	Z	.072	.072	0	%100
47	M45	X	.124	.124	0	%100
48	M45	Z	.072	.072	0	%100
49	M46	X	.124	.124	0	%100
50	M46	Z	.072	.072	0	%100
51	M47	X	.124	.124	0	%100
52	M47	Z	.072	.072	0	%100
53	M43	X	.717	.717	0	%100
54	M43	Z	.414	.414	0	%100
55	M44A	X	.143	.143	0	%100
56	M44A	Z	.082	.082	0	%100
57	M45A	X	.143	.143	0	%100
58	M45A	Z	.082	.082	0	%100
59	M54	X	.093	.093	0	%100
60	M54	Z	.054	.054	0	%100
61	M55	X	.093	.093	0	%100
62	M55	Z	.054	.054	0	%100
63	M56	X	.093	.093	0	%100
64	M56	Z	.054	.054	0	%100
65	M57	X	.093	.093	0	%100
66	M57	Z	.054	.054	0	%100
67	M58	X	.007	.007	0	%100
68	M58	Z	.004	.004	0	%100
69	M59	X	.007	.007	0	%100
70	M59	Z	.004	.004	0	%100
71	M60	X	.313	.313	0	%100
72	M60	Z	.18	.18	0	%100
73	M61	X	.313	.313	0	%100
74	M61	Z	.18	.18	0	%100
75	M62	X	.031	.031	0	%100
76	M62	Z	.018	.018	0	%100
77	M63	X	.031	.031	0	%100
78	M63	Z	.018	.018	0	%100
79	M64	X	.031	.031	0	%100
80	M64	Z	.018	.018	0	%100
81	M65	X	.031	.031	0	%100
82	M65	Z	.018	.018	0	%100
83	M66	X	.096	.096	0	%100
84	M66	Z	.056	.056	0	%100
85	M67	X	.096	.096	0	%100
86	M67	Z	.056	.056	0	%100
87	M68	X	.141	.141	0	%100
88	M68	Z	.082	.082	0	%100
89	M69	X	.141	.141	0	%100
90	M69	Z	.082	.082	0	%100
91	MP4C	X	.471	.471	0	%100
92	MP4C	Z	.272	.272	0	%100
93	MP3C	X	.471	.471	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,%]
94	MP3C	Z	.272	.272	0	%100
95	MP2C	X	.57	.57	0	%100
96	MP2C	Z	.329	.329	0	%100
97	MP1C	X	.471	.471	0	%100
98	MP1C	Z	.272	.272	0	%100
99	M74	X	.124	.124	0	%100
100	M74	Z	.072	.072	0	%100
101	M75	X	.124	.124	0	%100
102	M75	Z	.072	.072	0	%100
103	M76	X	.124	.124	0	%100
104	M76	Z	.072	.072	0	%100
105	M77	X	.124	.124	0	%100
106	M77	Z	.072	.072	0	%100
107	M84	X	.717	.717	0	%100
108	M84	Z	.414	.414	0	%100
109	M85	X	.57	.57	0	%100
110	M85	Z	.329	.329	0	%100
111	M86	X	.57	.57	0	%100
112	M86	Z	.329	.329	0	%100
113	M95	X	0	0	0	%100
114	M95	Z	0	0	0	%100
115	M96	X	0	0	0	%100
116	M96	Z	0	0	0	%100
117	M97	X	0	0	0	%100
118	M97	Z	0	0	0	%100
119	M98	X	0	0	0	%100
120	M98	Z	0	0	0	%100
121	M99	X	.225	.225	0	%100
122	M99	Z	.13	.13	0	%100
123	M100	X	.225	.225	0	%100
124	M100	Z	.13	.13	0	%100
125	M101	X	.225	.225	0	%100
126	M101	Z	.13	.13	0	%100
127	M102	X	.225	.225	0	%100
128	M102	Z	.13	.13	0	%100
129	M103	X	.124	.124	0	%100
130	M103	Z	.072	.072	0	%100
131	M104	X	.124	.124	0	%100
132	M104	Z	.072	.072	0	%100
133	M105	X	.124	.124	0	%100
134	M105	Z	.072	.072	0	%100
135	M106	X	.124	.124	0	%100
136	M106	Z	.072	.072	0	%100
137	M107	X	.128	.128	0	%100
138	M107	Z	.074	.074	0	%100
139	M108	X	.128	.128	0	%100
140	M108	Z	.074	.074	0	%100
141	M109	X	.128	.128	0	%100
142	M109	Z	.074	.074	0	%100
143	M110	X	.128	.128	0	%100
144	M110	Z	.074	.074	0	%100
145	MP4B	X	.471	.471	0	%100
146	MP4B	Z	.272	.272	0	%100
147	MP3B	X	.471	.471	0	%100
148	MP3B	Z	.272	.272	0	%100
149	MP2B	X	.57	.57	0	%100
150	MP2B	Z	.329	.329	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,%]
151	MP1B	X	.471	.471	0	%100
152	MP1B	Z	.272	.272	0	%100
153	M115	X	.124	.124	0	%100
154	M115	Z	.072	.072	0	%100
155	M116	X	.124	.124	0	%100
156	M116	Z	.072	.072	0	%100
157	M117	X	.124	.124	0	%100
158	M117	Z	.072	.072	0	%100
159	M118	X	.124	.124	0	%100
160	M118	Z	.072	.072	0	%100
161	M125	X	.717	.717	0	%100
162	M125	Z	.414	.414	0	%100
163	M126	X	.103	.103	0	%100
164	M126	Z	.059	.059	0	%100
165	M129	X	.538	.538	0	%100
166	M129	Z	.311	.311	0	%100
167	M130	X	.135	.135	0	%100
168	M130	Z	.078	.078	0	%100
169	M131	X	.135	.135	0	%100
170	M131	Z	.078	.078	0	%100
171	M130A	X	.471	.471	0	%100
172	M130A	Z	.272	.272	0	%100
173	M131A	X	.134	.134	0	%100
174	M131A	Z	.077	.077	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.247	.247	0	%100
2	M1	Z	.428	.428	0	%100
3	M2	X	.247	.247	0	%100
4	M2	Z	.428	.428	0	%100
5	M13	X	.018	.018	0	%100
6	M13	Z	.031	.031	0	%100
7	M14	X	.018	.018	0	%100
8	M14	Z	.031	.031	0	%100
9	M15	X	.018	.018	0	%100
10	M15	Z	.031	.031	0	%100
11	M16	X	.018	.018	0	%100
12	M16	Z	.031	.031	0	%100
13	M17	X	.206	.206	0	%100
14	M17	Z	.356	.356	0	%100
15	M18	X	.206	.206	0	%100
16	M18	Z	.356	.356	0	%100
17	M19	X	.029	.029	0	%100
18	M19	Z	.051	.051	0	%100
19	OVP	X	.029	.029	0	%100
20	OVP	Z	.051	.051	0	%100
21	M21	X	.054	.054	0	%100
22	M21	Z	.093	.093	0	%100
23	M22	X	.054	.054	0	%100
24	M22	Z	.093	.093	0	%100
25	M23	X	.054	.054	0	%100
26	M23	Z	.093	.093	0	%100
27	M24	X	.054	.054	0	%100
28	M24	Z	.093	.093	0	%100
29	M25	X	.085	.085	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,%]
30	M25	Z	.148	.148	0	%100
31	M26	X	.085	.085	0	%100
32	M26	Z	.148	.148	0	%100
33	M27	X	.059	.059	0	%100
34	M27	Z	.103	.103	0	%100
35	M28	X	.059	.059	0	%100
36	M28	Z	.103	.103	0	%100
37	MP4A	X	.272	.272	0	%100
38	MP4A	Z	.471	.471	0	%100
39	MP3A	X	.272	.272	0	%100
40	MP3A	Z	.471	.471	0	%100
41	MP2A	X	.329	.329	0	%100
42	MP2A	Z	.57	.57	0	%100
43	MP1A	X	.272	.272	0	%100
44	MP1A	Z	.471	.471	0	%100
45	M44	X	.072	.072	0	%100
46	M44	Z	.124	.124	0	%100
47	M45	X	.072	.072	0	%100
48	M45	Z	.124	.124	0	%100
49	M46	X	.072	.072	0	%100
50	M46	Z	.124	.124	0	%100
51	M47	X	.072	.072	0	%100
52	M47	Z	.124	.124	0	%100
53	M43	X	.414	.414	0	%100
54	M43	Z	.717	.717	0	%100
55	M44A	X	0	0	0	%100
56	M44A	Z	0	0	0	%100
57	M45A	X	0	0	0	%100
58	M45A	Z	0	0	0	%100
59	M54	X	.072	.072	0	%100
60	M54	Z	.124	.124	0	%100
61	M55	X	.072	.072	0	%100
62	M55	Z	.124	.124	0	%100
63	M56	X	.072	.072	0	%100
64	M56	Z	.124	.124	0	%100
65	M57	X	.072	.072	0	%100
66	M57	Z	.124	.124	0	%100
67	M58	X	.08	.08	0	%100
68	M58	Z	.138	.138	0	%100
69	M59	X	.08	.08	0	%100
70	M59	Z	.138	.138	0	%100
71	M60	X	.08	.08	0	%100
72	M60	Z	.138	.138	0	%100
73	M61	X	.08	.08	0	%100
74	M61	Z	.138	.138	0	%100
75	M62	X	0	0	0	%100
76	M62	Z	0	0	0	%100
77	M63	X	0	0	0	%100
78	M63	Z	0	0	0	%100
79	M64	X	0	0	0	%100
80	M64	Z	0	0	0	%100
81	M65	X	0	0	0	%100
82	M65	Z	0	0	0	%100
83	M66	X	.067	.067	0	%100
84	M66	Z	.116	.116	0	%100
85	M67	X	.067	.067	0	%100
86	M67	Z	.116	.116	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,%]
87	M68	X	.067	.067	0	%100
88	M68	Z	.116	.116	0	%100
89	M69	X	.067	.067	0	%100
90	M69	Z	.116	.116	0	%100
91	MP4C	X	.272	.272	0	%100
92	MP4C	Z	.471	.471	0	%100
93	MP3C	X	.272	.272	0	%100
94	MP3C	Z	.471	.471	0	%100
95	MP2C	X	.329	.329	0	%100
96	MP2C	Z	.57	.57	0	%100
97	MP1C	X	.272	.272	0	%100
98	MP1C	Z	.471	.471	0	%100
99	M74	X	.072	.072	0	%100
100	M74	Z	.124	.124	0	%100
101	M75	X	.072	.072	0	%100
102	M75	Z	.124	.124	0	%100
103	M76	X	.072	.072	0	%100
104	M76	Z	.124	.124	0	%100
105	M77	X	.072	.072	0	%100
106	M77	Z	.124	.124	0	%100
107	M84	X	.414	.414	0	%100
108	M84	Z	.717	.717	0	%100
109	M85	X	.247	.247	0	%100
110	M85	Z	.428	.428	0	%100
111	M86	X	.247	.247	0	%100
112	M86	Z	.428	.428	0	%100
113	M95	X	.018	.018	0	%100
114	M95	Z	.031	.031	0	%100
115	M96	X	.018	.018	0	%100
116	M96	Z	.031	.031	0	%100
117	M97	X	.018	.018	0	%100
118	M97	Z	.031	.031	0	%100
119	M98	X	.018	.018	0	%100
120	M98	Z	.031	.031	0	%100
121	M99	X	.029	.029	0	%100
122	M99	Z	.051	.051	0	%100
123	M100	X	.029	.029	0	%100
124	M100	Z	.051	.051	0	%100
125	M101	X	.206	.206	0	%100
126	M101	Z	.356	.356	0	%100
127	M102	X	.206	.206	0	%100
128	M102	Z	.356	.356	0	%100
129	M103	X	.054	.054	0	%100
130	M103	Z	.093	.093	0	%100
131	M104	X	.054	.054	0	%100
132	M104	Z	.093	.093	0	%100
133	M105	X	.054	.054	0	%100
134	M105	Z	.093	.093	0	%100
135	M106	X	.054	.054	0	%100
136	M106	Z	.093	.093	0	%100
137	M107	X	.059	.059	0	%100
138	M107	Z	.103	.103	0	%100
139	M108	X	.059	.059	0	%100
140	M108	Z	.103	.103	0	%100
141	M109	X	.085	.085	0	%100
142	M109	Z	.148	.148	0	%100
143	M110	X	.085	.085	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,%]
144	M110	Z	.148	.148	0	%100
145	MP4B	X	.272	.272	0	%100
146	MP4B	Z	.471	.471	0	%100
147	MP3B	X	.272	.272	0	%100
148	MP3B	Z	.471	.471	0	%100
149	MP2B	X	.329	.329	0	%100
150	MP2B	Z	.57	.57	0	%100
151	MP1B	X	.272	.272	0	%100
152	MP1B	Z	.471	.471	0	%100
153	M115	X	.072	.072	0	%100
154	M115	Z	.124	.124	0	%100
155	M116	X	.072	.072	0	%100
156	M116	Z	.124	.124	0	%100
157	M117	X	.072	.072	0	%100
158	M117	Z	.124	.124	0	%100
159	M118	X	.072	.072	0	%100
160	M118	Z	.124	.124	0	%100
161	M125	X	.414	.414	0	%100
162	M125	Z	.717	.717	0	%100
163	M126	X	.000395	.000395	0	%100
164	M126	Z	.000684	.000684	0	%100
165	M129	X	.233	.233	0	%100
166	M129	Z	.404	.404	0	%100
167	M130	X	.233	.233	0	%100
168	M130	Z	.404	.404	0	%100
169	M131	X	0	0	0	%100
170	M131	Z	0	0	0	%100
171	M130A	X	.195	.195	0	%100
172	M130A	Z	.338	.338	0	%100
173	M131A	X	.213	.213	0	%100
174	M131A	Z	.369	.369	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	.659	.659	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	.659	.659	0	%100
5	M13	X	0	0	0	%100
6	M13	Z	0	0	0	%100
7	M14	X	0	0	0	%100
8	M14	Z	0	0	0	%100
9	M15	X	0	0	0	%100
10	M15	Z	0	0	0	%100
11	M16	X	0	0	0	%100
12	M16	Z	0	0	0	%100
13	M17	X	0	0	0	%100
14	M17	Z	.26	.26	0	%100
15	M18	X	0	0	0	%100
16	M18	Z	.26	.26	0	%100
17	M19	X	0	0	0	%100
18	M19	Z	.26	.26	0	%100
19	OVP	X	0	0	0	%100
20	OVP	Z	.26	.26	0	%100
21	M21	X	0	0	0	%100
22	M21	Z	.143	.143	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,%]
23	M22	X	0	0	0	%100
24	M22	Z	.143	.143	0	%100
25	M23	X	0	0	0	%100
26	M23	Z	.143	.143	0	%100
27	M24	X	0	0	0	%100
28	M24	Z	.143	.143	0	%100
29	M25	X	0	0	0	%100
30	M25	Z	.148	.148	0	%100
31	M26	X	0	0	0	%100
32	M26	Z	.148	.148	0	%100
33	M27	X	0	0	0	%100
34	M27	Z	.148	.148	0	%100
35	M28	X	0	0	0	%100
36	M28	Z	.148	.148	0	%100
37	MP4A	X	0	0	0	%100
38	MP4A	Z	.544	.544	0	%100
39	MP3A	X	0	0	0	%100
40	MP3A	Z	.544	.544	0	%100
41	MP2A	X	0	0	0	%100
42	MP2A	Z	.659	.659	0	%100
43	MP1A	X	0	0	0	%100
44	MP1A	Z	.544	.544	0	%100
45	M44	X	0	0	0	%100
46	M44	Z	.143	.143	0	%100
47	M45	X	0	0	0	%100
48	M45	Z	.143	.143	0	%100
49	M46	X	0	0	0	%100
50	M46	Z	.143	.143	0	%100
51	M47	X	0	0	0	%100
52	M47	Z	.143	.143	0	%100
53	M43	X	0	0	0	%100
54	M43	Z	.828	.828	0	%100
55	M44A	X	0	0	0	%100
56	M44A	Z	.165	.165	0	%100
57	M45A	X	0	0	0	%100
58	M45A	Z	.165	.165	0	%100
59	M54	X	0	0	0	%100
60	M54	Z	.107	.107	0	%100
61	M55	X	0	0	0	%100
62	M55	Z	.107	.107	0	%100
63	M56	X	0	0	0	%100
64	M56	Z	.107	.107	0	%100
65	M57	X	0	0	0	%100
66	M57	Z	.107	.107	0	%100
67	M58	X	0	0	0	%100
68	M58	Z	.361	.361	0	%100
69	M59	X	0	0	0	%100
70	M59	Z	.361	.361	0	%100
71	M60	X	0	0	0	%100
72	M60	Z	.008	.008	0	%100
73	M61	X	0	0	0	%100
74	M61	Z	.008	.008	0	%100
75	M62	X	0	0	0	%100
76	M62	Z	.036	.036	0	%100
77	M63	X	0	0	0	%100
78	M63	Z	.036	.036	0	%100
79	M64	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
80	M64	Z	.036	.036	0	%100
81	M65	X	0	0	0	%100
82	M65	Z	.036	.036	0	%100
83	M66	X	0	0	0	%100
84	M66	Z	.163	.163	0	%100
85	M67	X	0	0	0	%100
86	M67	Z	.163	.163	0	%100
87	M68	X	0	0	0	%100
88	M68	Z	.111	.111	0	%100
89	M69	X	0	0	0	%100
90	M69	Z	.111	.111	0	%100
91	MP4C	X	0	0	0	%100
92	MP4C	Z	.544	.544	0	%100
93	MP3C	X	0	0	0	%100
94	MP3C	Z	.544	.544	0	%100
95	MP2C	X	0	0	0	%100
96	MP2C	Z	.659	.659	0	%100
97	MP1C	X	0	0	0	%100
98	MP1C	Z	.544	.544	0	%100
99	M74	X	0	0	0	%100
100	M74	Z	.143	.143	0	%100
101	M75	X	0	0	0	%100
102	M75	Z	.143	.143	0	%100
103	M76	X	0	0	0	%100
104	M76	Z	.143	.143	0	%100
105	M77	X	0	0	0	%100
106	M77	Z	.143	.143	0	%100
107	M84	X	0	0	0	%100
108	M84	Z	.828	.828	0	%100
109	M85	X	0	0	0	%100
110	M85	Z	.165	.165	0	%100
111	M86	X	0	0	0	%100
112	M86	Z	.165	.165	0	%100
113	M95	X	0	0	0	%100
114	M95	Z	.107	.107	0	%100
115	M96	X	0	0	0	%100
116	M96	Z	.107	.107	0	%100
117	M97	X	0	0	0	%100
118	M97	Z	.107	.107	0	%100
119	M98	X	0	0	0	%100
120	M98	Z	.107	.107	0	%100
121	M99	X	0	0	0	%100
122	M99	Z	.008	.008	0	%100
123	M100	X	0	0	0	%100
124	M100	Z	.008	.008	0	%100
125	M101	X	0	0	0	%100
126	M101	Z	.361	.361	0	%100
127	M102	X	0	0	0	%100
128	M102	Z	.361	.361	0	%100
129	M103	X	0	0	0	%100
130	M103	Z	.036	.036	0	%100
131	M104	X	0	0	0	%100
132	M104	Z	.036	.036	0	%100
133	M105	X	0	0	0	%100
134	M105	Z	.036	.036	0	%100
135	M106	X	0	0	0	%100
136	M106	Z	.036	.036	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,%]
137	M107	X	0	0	0	%100
138	M107	Z	.111	.111	0	%100
139	M108	X	0	0	0	%100
140	M108	Z	.111	.111	0	%100
141	M109	X	0	0	0	%100
142	M109	Z	.163	.163	0	%100
143	M110	X	0	0	0	%100
144	M110	Z	.163	.163	0	%100
145	MP4B	X	0	0	0	%100
146	MP4B	Z	.544	.544	0	%100
147	MP3B	X	0	0	0	%100
148	MP3B	Z	.544	.544	0	%100
149	MP2B	X	0	0	0	%100
150	MP2B	Z	.659	.659	0	%100
151	MP1B	X	0	0	0	%100
152	MP1B	Z	.544	.544	0	%100
153	M115	X	0	0	0	%100
154	M115	Z	.143	.143	0	%100
155	M116	X	0	0	0	%100
156	M116	Z	.143	.143	0	%100
157	M117	X	0	0	0	%100
158	M117	Z	.143	.143	0	%100
159	M118	X	0	0	0	%100
160	M118	Z	.143	.143	0	%100
161	M125	X	0	0	0	%100
162	M125	Z	.828	.828	0	%100
163	M126	X	0	0	0	%100
164	M126	Z	.154	.154	0	%100
165	M129	X	0	0	0	%100
166	M129	Z	.155	.155	0	%100
167	M130	X	0	0	0	%100
168	M130	Z	.622	.622	0	%100
169	M131	X	0	0	0	%100
170	M131	Z	.155	.155	0	%100
171	M130A	X	0	0	0	%100
172	M130A	Z	.118	.118	0	%100
173	M131A	X	0	0	0	%100
174	M131A	Z	.543	.543	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.247	-.247	0	%100
2	M1	Z	.428	.428	0	%100
3	M2	X	-.247	-.247	0	%100
4	M2	Z	.428	.428	0	%100
5	M13	X	-.018	-.018	0	%100
6	M13	Z	.031	.031	0	%100
7	M14	X	-.018	-.018	0	%100
8	M14	Z	.031	.031	0	%100
9	M15	X	-.018	-.018	0	%100
10	M15	Z	.031	.031	0	%100
11	M16	X	-.018	-.018	0	%100
12	M16	Z	.031	.031	0	%100
13	M17	X	-.029	-.029	0	%100
14	M17	Z	.051	.051	0	%100
15	M18	X	-.029	-.029	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,%]
16	M18	Z	.051	.051	0	%100
17	M19	X	-.206	-.206	0	%100
18	M19	Z	.356	.356	0	%100
19	OVP	X	-.206	-.206	0	%100
20	OVP	Z	.356	.356	0	%100
21	M21	X	-.054	-.054	0	%100
22	M21	Z	.093	.093	0	%100
23	M22	X	-.054	-.054	0	%100
24	M22	Z	.093	.093	0	%100
25	M23	X	-.054	-.054	0	%100
26	M23	Z	.093	.093	0	%100
27	M24	X	-.054	-.054	0	%100
28	M24	Z	.093	.093	0	%100
29	M25	X	-.059	-.059	0	%100
30	M25	Z	.103	.103	0	%100
31	M26	X	-.059	-.059	0	%100
32	M26	Z	.103	.103	0	%100
33	M27	X	-.085	-.085	0	%100
34	M27	Z	.148	.148	0	%100
35	M28	X	-.085	-.085	0	%100
36	M28	Z	.148	.148	0	%100
37	MP4A	X	-.272	-.272	0	%100
38	MP4A	Z	.471	.471	0	%100
39	MP3A	X	-.272	-.272	0	%100
40	MP3A	Z	.471	.471	0	%100
41	MP2A	X	-.329	-.329	0	%100
42	MP2A	Z	.57	.57	0	%100
43	MP1A	X	-.272	-.272	0	%100
44	MP1A	Z	.471	.471	0	%100
45	M44	X	-.072	-.072	0	%100
46	M44	Z	.124	.124	0	%100
47	M45	X	-.072	-.072	0	%100
48	M45	Z	.124	.124	0	%100
49	M46	X	-.072	-.072	0	%100
50	M46	Z	.124	.124	0	%100
51	M47	X	-.072	-.072	0	%100
52	M47	Z	.124	.124	0	%100
53	M43	X	-.414	-.414	0	%100
54	M43	Z	.717	.717	0	%100
55	M44A	X	-.247	-.247	0	%100
56	M44A	Z	.428	.428	0	%100
57	M45A	X	-.247	-.247	0	%100
58	M45A	Z	.428	.428	0	%100
59	M54	X	-.018	-.018	0	%100
60	M54	Z	.031	.031	0	%100
61	M55	X	-.018	-.018	0	%100
62	M55	Z	.031	.031	0	%100
63	M56	X	-.018	-.018	0	%100
64	M56	Z	.031	.031	0	%100
65	M57	X	-.018	-.018	0	%100
66	M57	Z	.031	.031	0	%100
67	M58	X	-.206	-.206	0	%100
68	M58	Z	.356	.356	0	%100
69	M59	X	-.206	-.206	0	%100
70	M59	Z	.356	.356	0	%100
71	M60	X	-.029	-.029	0	%100
72	M60	Z	.051	.051	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,%]
73	M61	X	-.029	-.029	0	%100
74	M61	Z	.051	.051	0	%100
75	M62	X	-.054	-.054	0	%100
76	M62	Z	.093	.093	0	%100
77	M63	X	-.054	-.054	0	%100
78	M63	Z	.093	.093	0	%100
79	M64	X	-.054	-.054	0	%100
80	M64	Z	.093	.093	0	%100
81	M65	X	-.054	-.054	0	%100
82	M65	Z	.093	.093	0	%100
83	M66	X	-.085	-.085	0	%100
84	M66	Z	.148	.148	0	%100
85	M67	X	-.085	-.085	0	%100
86	M67	Z	.148	.148	0	%100
87	M68	X	-.059	-.059	0	%100
88	M68	Z	.103	.103	0	%100
89	M69	X	-.059	-.059	0	%100
90	M69	Z	.103	.103	0	%100
91	MP4C	X	-.272	-.272	0	%100
92	MP4C	Z	.471	.471	0	%100
93	MP3C	X	-.272	-.272	0	%100
94	MP3C	Z	.471	.471	0	%100
95	MP2C	X	-.329	-.329	0	%100
96	MP2C	Z	.57	.57	0	%100
97	MP1C	X	-.272	-.272	0	%100
98	MP1C	Z	.471	.471	0	%100
99	M74	X	-.072	-.072	0	%100
100	M74	Z	.124	.124	0	%100
101	M75	X	-.072	-.072	0	%100
102	M75	Z	.124	.124	0	%100
103	M76	X	-.072	-.072	0	%100
104	M76	Z	.124	.124	0	%100
105	M77	X	-.072	-.072	0	%100
106	M77	Z	.124	.124	0	%100
107	M84	X	-.414	-.414	0	%100
108	M84	Z	.717	.717	0	%100
109	M85	X	0	0	0	%100
110	M85	Z	0	0	0	%100
111	M86	X	0	0	0	%100
112	M86	Z	0	0	0	%100
113	M95	X	-.072	-.072	0	%100
114	M95	Z	.124	.124	0	%100
115	M96	X	-.072	-.072	0	%100
116	M96	Z	.124	.124	0	%100
117	M97	X	-.072	-.072	0	%100
118	M97	Z	.124	.124	0	%100
119	M98	X	-.072	-.072	0	%100
120	M98	Z	.124	.124	0	%100
121	M99	X	-.08	-.08	0	%100
122	M99	Z	.138	.138	0	%100
123	M100	X	-.08	-.08	0	%100
124	M100	Z	.138	.138	0	%100
125	M101	X	-.08	-.08	0	%100
126	M101	Z	.138	.138	0	%100
127	M102	X	-.08	-.08	0	%100
128	M102	Z	.138	.138	0	%100
129	M103	X	0	0	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,%]
130	M103	Z	0	0	0	%100
131	M104	X	0	0	0	%100
132	M104	Z	0	0	0	%100
133	M105	X	0	0	0	%100
134	M105	Z	0	0	0	%100
135	M106	X	0	0	0	%100
136	M106	Z	0	0	0	%100
137	M107	X	-.067	-.067	0	%100
138	M107	Z	.116	.116	0	%100
139	M108	X	-.067	-.067	0	%100
140	M108	Z	.116	.116	0	%100
141	M109	X	-.067	-.067	0	%100
142	M109	Z	.116	.116	0	%100
143	M110	X	-.067	-.067	0	%100
144	M110	Z	.116	.116	0	%100
145	MP4B	X	-.272	-.272	0	%100
146	MP4B	Z	.471	.471	0	%100
147	MP3B	X	-.272	-.272	0	%100
148	MP3B	Z	.471	.471	0	%100
149	MP2B	X	-.329	-.329	0	%100
150	MP2B	Z	.57	.57	0	%100
151	MP1B	X	-.272	-.272	0	%100
152	MP1B	Z	.471	.471	0	%100
153	M115	X	-.072	-.072	0	%100
154	M115	Z	.124	.124	0	%100
155	M116	X	-.072	-.072	0	%100
156	M116	Z	.124	.124	0	%100
157	M117	X	-.072	-.072	0	%100
158	M117	Z	.124	.124	0	%100
159	M118	X	-.072	-.072	0	%100
160	M118	Z	.124	.124	0	%100
161	M125	X	-.414	-.414	0	%100
162	M125	Z	.717	.717	0	%100
163	M126	X	-.213	-.213	0	%100
164	M126	Z	.369	.369	0	%100
165	M129	X	0	0	0	%100
166	M129	Z	0	0	0	%100
167	M130	X	-.233	-.233	0	%100
168	M130	Z	.404	.404	0	%100
169	M131	X	-.233	-.233	0	%100
170	M131	Z	.404	.404	0	%100
171	M130A	X	-.000395	-.000395	0	%100
172	M130A	Z	.000684	.000684	0	%100
173	M131A	X	-.195	-.195	0	%100
174	M131A	Z	.338	.338	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.143	-.143	0	%100
2	M1	Z	.082	.082	0	%100
3	M2	X	-.143	-.143	0	%100
4	M2	Z	.082	.082	0	%100
5	M13	X	-.093	-.093	0	%100
6	M13	Z	.054	.054	0	%100
7	M14	X	-.093	-.093	0	%100
8	M14	Z	.054	.054	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	M15	X	-.093	-.093	0	%100
10	M15	Z	.054	.054	0	%100
11	M16	X	-.093	-.093	0	%100
12	M16	Z	.054	.054	0	%100
13	M17	X	-.007	-.007	0	%100
14	M17	Z	.004	.004	0	%100
15	M18	X	-.007	-.007	0	%100
16	M18	Z	.004	.004	0	%100
17	M19	X	-.313	-.313	0	%100
18	M19	Z	.18	.18	0	%100
19	OVP	X	-.313	-.313	0	%100
20	OVP	Z	.18	.18	0	%100
21	M21	X	-.031	-.031	0	%100
22	M21	Z	.018	.018	0	%100
23	M22	X	-.031	-.031	0	%100
24	M22	Z	.018	.018	0	%100
25	M23	X	-.031	-.031	0	%100
26	M23	Z	.018	.018	0	%100
27	M24	X	-.031	-.031	0	%100
28	M24	Z	.018	.018	0	%100
29	M25	X	-.096	-.096	0	%100
30	M25	Z	.056	.056	0	%100
31	M26	X	-.096	-.096	0	%100
32	M26	Z	.056	.056	0	%100
33	M27	X	-.141	-.141	0	%100
34	M27	Z	.082	.082	0	%100
35	M28	X	-.141	-.141	0	%100
36	M28	Z	.082	.082	0	%100
37	MP4A	X	-.471	-.471	0	%100
38	MP4A	Z	.272	.272	0	%100
39	MP3A	X	-.471	-.471	0	%100
40	MP3A	Z	.272	.272	0	%100
41	MP2A	X	-.57	-.57	0	%100
42	MP2A	Z	.329	.329	0	%100
43	MP1A	X	-.471	-.471	0	%100
44	MP1A	Z	.272	.272	0	%100
45	M44	X	-.124	-.124	0	%100
46	M44	Z	.072	.072	0	%100
47	M45	X	-.124	-.124	0	%100
48	M45	Z	.072	.072	0	%100
49	M46	X	-.124	-.124	0	%100
50	M46	Z	.072	.072	0	%100
51	M47	X	-.124	-.124	0	%100
52	M47	Z	.072	.072	0	%100
53	M43	X	-.717	-.717	0	%100
54	M43	Z	.414	.414	0	%100
55	M44A	X	-.57	-.57	0	%100
56	M44A	Z	.329	.329	0	%100
57	M45A	X	-.57	-.57	0	%100
58	M45A	Z	.329	.329	0	%100
59	M54	X	0	0	0	%100
60	M54	Z	0	0	0	%100
61	M55	X	0	0	0	%100
62	M55	Z	0	0	0	%100
63	M56	X	0	0	0	%100
64	M56	Z	0	0	0	%100
65	M57	X	0	0	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,%]
66	M57	Z	0	0	0	%100
67	M58	X	-.225	-.225	0	%100
68	M58	Z	.13	.13	0	%100
69	M59	X	-.225	-.225	0	%100
70	M59	Z	.13	.13	0	%100
71	M60	X	-.225	-.225	0	%100
72	M60	Z	.13	.13	0	%100
73	M61	X	-.225	-.225	0	%100
74	M61	Z	.13	.13	0	%100
75	M62	X	-.124	-.124	0	%100
76	M62	Z	.072	.072	0	%100
77	M63	X	-.124	-.124	0	%100
78	M63	Z	.072	.072	0	%100
79	M64	X	-.124	-.124	0	%100
80	M64	Z	.072	.072	0	%100
81	M65	X	-.124	-.124	0	%100
82	M65	Z	.072	.072	0	%100
83	M66	X	-.128	-.128	0	%100
84	M66	Z	.074	.074	0	%100
85	M67	X	-.128	-.128	0	%100
86	M67	Z	.074	.074	0	%100
87	M68	X	-.128	-.128	0	%100
88	M68	Z	.074	.074	0	%100
89	M69	X	-.128	-.128	0	%100
90	M69	Z	.074	.074	0	%100
91	MP4C	X	-.471	-.471	0	%100
92	MP4C	Z	.272	.272	0	%100
93	MP3C	X	-.471	-.471	0	%100
94	MP3C	Z	.272	.272	0	%100
95	MP2C	X	-.57	-.57	0	%100
96	MP2C	Z	.329	.329	0	%100
97	MP1C	X	-.471	-.471	0	%100
98	MP1C	Z	.272	.272	0	%100
99	M74	X	-.124	-.124	0	%100
100	M74	Z	.072	.072	0	%100
101	M75	X	-.124	-.124	0	%100
102	M75	Z	.072	.072	0	%100
103	M76	X	-.124	-.124	0	%100
104	M76	Z	.072	.072	0	%100
105	M77	X	-.124	-.124	0	%100
106	M77	Z	.072	.072	0	%100
107	M84	X	-.717	-.717	0	%100
108	M84	Z	.414	.414	0	%100
109	M85	X	-.143	-.143	0	%100
110	M85	Z	.082	.082	0	%100
111	M86	X	-.143	-.143	0	%100
112	M86	Z	.082	.082	0	%100
113	M95	X	-.093	-.093	0	%100
114	M95	Z	.054	.054	0	%100
115	M96	X	-.093	-.093	0	%100
116	M96	Z	.054	.054	0	%100
117	M97	X	-.093	-.093	0	%100
118	M97	Z	.054	.054	0	%100
119	M98	X	-.093	-.093	0	%100
120	M98	Z	.054	.054	0	%100
121	M99	X	-.313	-.313	0	%100
122	M99	Z	.18	.18	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,%]
123	M100	X	-.313	-.313	0	%100
124	M100	Z	.18	.18	0	%100
125	M101	X	-.007	-.007	0	%100
126	M101	Z	.004	.004	0	%100
127	M102	X	-.007	-.007	0	%100
128	M102	Z	.004	.004	0	%100
129	M103	X	-.031	-.031	0	%100
130	M103	Z	.018	.018	0	%100
131	M104	X	-.031	-.031	0	%100
132	M104	Z	.018	.018	0	%100
133	M105	X	-.031	-.031	0	%100
134	M105	Z	.018	.018	0	%100
135	M106	X	-.031	-.031	0	%100
136	M106	Z	.018	.018	0	%100
137	M107	X	-.141	-.141	0	%100
138	M107	Z	.082	.082	0	%100
139	M108	X	-.141	-.141	0	%100
140	M108	Z	.082	.082	0	%100
141	M109	X	-.096	-.096	0	%100
142	M109	Z	.056	.056	0	%100
143	M110	X	-.096	-.096	0	%100
144	M110	Z	.056	.056	0	%100
145	MP4B	X	-.471	-.471	0	%100
146	MP4B	Z	.272	.272	0	%100
147	MP3B	X	-.471	-.471	0	%100
148	MP3B	Z	.272	.272	0	%100
149	MP2B	X	-.57	-.57	0	%100
150	MP2B	Z	.329	.329	0	%100
151	MP1B	X	-.471	-.471	0	%100
152	MP1B	Z	.272	.272	0	%100
153	M115	X	-.124	-.124	0	%100
154	M115	Z	.072	.072	0	%100
155	M116	X	-.124	-.124	0	%100
156	M116	Z	.072	.072	0	%100
157	M117	X	-.124	-.124	0	%100
158	M117	Z	.072	.072	0	%100
159	M118	X	-.124	-.124	0	%100
160	M118	Z	.072	.072	0	%100
161	M125	X	-.717	-.717	0	%100
162	M125	Z	.414	.414	0	%100
163	M126	X	-.471	-.471	0	%100
164	M126	Z	.272	.272	0	%100
165	M129	X	-.135	-.135	0	%100
166	M129	Z	.078	.078	0	%100
167	M130	X	-.135	-.135	0	%100
168	M130	Z	.078	.078	0	%100
169	M131	X	-.538	-.538	0	%100
170	M131	Z	.311	.311	0	%100
171	M130A	X	-.134	-.134	0	%100
172	M130A	Z	.077	.077	0	%100
173	M131A	X	-.103	-.103	0	%100
174	M131A	Z	.059	.059	0	%100

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

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

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,%]
2	M1	Z	0	0	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M13	X	-.143	-.143	0	%100
6	M13	Z	0	0	0	%100
7	M14	X	-.143	-.143	0	%100
8	M14	Z	0	0	0	%100
9	M15	X	-.143	-.143	0	%100
10	M15	Z	0	0	0	%100
11	M16	X	-.143	-.143	0	%100
12	M16	Z	0	0	0	%100
13	M17	X	-.159	-.159	0	%100
14	M17	Z	0	0	0	%100
15	M18	X	-.159	-.159	0	%100
16	M18	Z	0	0	0	%100
17	M19	X	-.159	-.159	0	%100
18	M19	Z	0	0	0	%100
19	OVP	X	-.159	-.159	0	%100
20	OVP	Z	0	0	0	%100
21	M21	X	0	0	0	%100
22	M21	Z	0	0	0	%100
23	M22	X	0	0	0	%100
24	M22	Z	0	0	0	%100
25	M23	X	0	0	0	%100
26	M23	Z	0	0	0	%100
27	M24	X	0	0	0	%100
28	M24	Z	0	0	0	%100
29	M25	X	-.133	-.133	0	%100
30	M25	Z	0	0	0	%100
31	M26	X	-.133	-.133	0	%100
32	M26	Z	0	0	0	%100
33	M27	X	-.133	-.133	0	%100
34	M27	Z	0	0	0	%100
35	M28	X	-.133	-.133	0	%100
36	M28	Z	0	0	0	%100
37	MP4A	X	-.544	-.544	0	%100
38	MP4A	Z	0	0	0	%100
39	MP3A	X	-.544	-.544	0	%100
40	MP3A	Z	0	0	0	%100
41	MP2A	X	-.659	-.659	0	%100
42	MP2A	Z	0	0	0	%100
43	MP1A	X	-.544	-.544	0	%100
44	MP1A	Z	0	0	0	%100
45	M44	X	-.143	-.143	0	%100
46	M44	Z	0	0	0	%100
47	M45	X	-.143	-.143	0	%100
48	M45	Z	0	0	0	%100
49	M46	X	-.143	-.143	0	%100
50	M46	Z	0	0	0	%100
51	M47	X	-.143	-.143	0	%100
52	M47	Z	0	0	0	%100
53	M43	X	-.828	-.828	0	%100
54	M43	Z	0	0	0	%100
55	M44A	X	-.494	-.494	0	%100
56	M44A	Z	0	0	0	%100
57	M45A	X	-.494	-.494	0	%100
58	M45A	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,%]
59	M54	X	-.036	-.036	0	%100
60	M54	Z	0	0	0	%100
61	M55	X	-.036	-.036	0	%100
62	M55	Z	0	0	0	%100
63	M56	X	-.036	-.036	0	%100
64	M56	Z	0	0	0	%100
65	M57	X	-.036	-.036	0	%100
66	M57	Z	0	0	0	%100
67	M58	X	-.059	-.059	0	%100
68	M58	Z	0	0	0	%100
69	M59	X	-.059	-.059	0	%100
70	M59	Z	0	0	0	%100
71	M60	X	-.411	-.411	0	%100
72	M60	Z	0	0	0	%100
73	M61	X	-.411	-.411	0	%100
74	M61	Z	0	0	0	%100
75	M62	X	-.107	-.107	0	%100
76	M62	Z	0	0	0	%100
77	M63	X	-.107	-.107	0	%100
78	M63	Z	0	0	0	%100
79	M64	X	-.107	-.107	0	%100
80	M64	Z	0	0	0	%100
81	M65	X	-.107	-.107	0	%100
82	M65	Z	0	0	0	%100
83	M66	X	-.119	-.119	0	%100
84	M66	Z	0	0	0	%100
85	M67	X	-.119	-.119	0	%100
86	M67	Z	0	0	0	%100
87	M68	X	-.171	-.171	0	%100
88	M68	Z	0	0	0	%100
89	M69	X	-.171	-.171	0	%100
90	M69	Z	0	0	0	%100
91	MP4C	X	-.544	-.544	0	%100
92	MP4C	Z	0	0	0	%100
93	MP3C	X	-.544	-.544	0	%100
94	MP3C	Z	0	0	0	%100
95	MP2C	X	-.659	-.659	0	%100
96	MP2C	Z	0	0	0	%100
97	MP1C	X	-.544	-.544	0	%100
98	MP1C	Z	0	0	0	%100
99	M74	X	-.143	-.143	0	%100
100	M74	Z	0	0	0	%100
101	M75	X	-.143	-.143	0	%100
102	M75	Z	0	0	0	%100
103	M76	X	-.143	-.143	0	%100
104	M76	Z	0	0	0	%100
105	M77	X	-.143	-.143	0	%100
106	M77	Z	0	0	0	%100
107	M84	X	-.828	-.828	0	%100
108	M84	Z	0	0	0	%100
109	M85	X	-.494	-.494	0	%100
110	M85	Z	0	0	0	%100
111	M86	X	-.494	-.494	0	%100
112	M86	Z	0	0	0	%100
113	M95	X	-.036	-.036	0	%100
114	M95	Z	0	0	0	%100
115	M96	X	-.036	-.036	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,%]
116	M96	Z	0	0	0	%100
117	M97	X	-.036	-.036	0	%100
118	M97	Z	0	0	0	%100
119	M98	X	-.036	-.036	0	%100
120	M98	Z	0	0	0	%100
121	M99	X	-.411	-.411	0	%100
122	M99	Z	0	0	0	%100
123	M100	X	-.411	-.411	0	%100
124	M100	Z	0	0	0	%100
125	M101	X	-.059	-.059	0	%100
126	M101	Z	0	0	0	%100
127	M102	X	-.059	-.059	0	%100
128	M102	Z	0	0	0	%100
129	M103	X	-.107	-.107	0	%100
130	M103	Z	0	0	0	%100
131	M104	X	-.107	-.107	0	%100
132	M104	Z	0	0	0	%100
133	M105	X	-.107	-.107	0	%100
134	M105	Z	0	0	0	%100
135	M106	X	-.107	-.107	0	%100
136	M106	Z	0	0	0	%100
137	M107	X	-.171	-.171	0	%100
138	M107	Z	0	0	0	%100
139	M108	X	-.171	-.171	0	%100
140	M108	Z	0	0	0	%100
141	M109	X	-.119	-.119	0	%100
142	M109	Z	0	0	0	%100
143	M110	X	-.119	-.119	0	%100
144	M110	Z	0	0	0	%100
145	MP4B	X	-.544	-.544	0	%100
146	MP4B	Z	0	0	0	%100
147	MP3B	X	-.544	-.544	0	%100
148	MP3B	Z	0	0	0	%100
149	MP2B	X	-.659	-.659	0	%100
150	MP2B	Z	0	0	0	%100
151	MP1B	X	-.544	-.544	0	%100
152	MP1B	Z	0	0	0	%100
153	M115	X	-.143	-.143	0	%100
154	M115	Z	0	0	0	%100
155	M116	X	-.143	-.143	0	%100
156	M116	Z	0	0	0	%100
157	M117	X	-.143	-.143	0	%100
158	M117	Z	0	0	0	%100
159	M118	X	-.143	-.143	0	%100
160	M118	Z	0	0	0	%100
161	M125	X	-.828	-.828	0	%100
162	M125	Z	0	0	0	%100
163	M126	X	-.39	-.39	0	%100
164	M126	Z	0	0	0	%100
165	M129	X	-.466	-.466	0	%100
166	M129	Z	0	0	0	%100
167	M130	X	0	0	0	%100
168	M130	Z	0	0	0	%100
169	M131	X	-.466	-.466	0	%100
170	M131	Z	0	0	0	%100
171	M130A	X	-.426	-.426	0	%100
172	M130A	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,%]
173	M131A	X	-.00079	-.00079	0	%100
174	M131A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.143	-.143	0	%100
2	M1	Z	-.082	-.082	0	%100
3	M2	X	-.143	-.143	0	%100
4	M2	Z	-.082	-.082	0	%100
5	M13	X	-.093	-.093	0	%100
6	M13	Z	-.054	-.054	0	%100
7	M14	X	-.093	-.093	0	%100
8	M14	Z	-.054	-.054	0	%100
9	M15	X	-.093	-.093	0	%100
10	M15	Z	-.054	-.054	0	%100
11	M16	X	-.093	-.093	0	%100
12	M16	Z	-.054	-.054	0	%100
13	M17	X	-.313	-.313	0	%100
14	M17	Z	-.18	-.18	0	%100
15	M18	X	-.313	-.313	0	%100
16	M18	Z	-.18	-.18	0	%100
17	M19	X	-.007	-.007	0	%100
18	M19	Z	-.004	-.004	0	%100
19	OVP	X	-.007	-.007	0	%100
20	OVP	Z	-.004	-.004	0	%100
21	M21	X	-.031	-.031	0	%100
22	M21	Z	-.018	-.018	0	%100
23	M22	X	-.031	-.031	0	%100
24	M22	Z	-.018	-.018	0	%100
25	M23	X	-.031	-.031	0	%100
26	M23	Z	-.018	-.018	0	%100
27	M24	X	-.031	-.031	0	%100
28	M24	Z	-.018	-.018	0	%100
29	M25	X	-.141	-.141	0	%100
30	M25	Z	-.082	-.082	0	%100
31	M26	X	-.141	-.141	0	%100
32	M26	Z	-.082	-.082	0	%100
33	M27	X	-.096	-.096	0	%100
34	M27	Z	-.056	-.056	0	%100
35	M28	X	-.096	-.096	0	%100
36	M28	Z	-.056	-.056	0	%100
37	MP4A	X	-.471	-.471	0	%100
38	MP4A	Z	-.272	-.272	0	%100
39	MP3A	X	-.471	-.471	0	%100
40	MP3A	Z	-.272	-.272	0	%100
41	MP2A	X	-.57	-.57	0	%100
42	MP2A	Z	-.329	-.329	0	%100
43	MP1A	X	-.471	-.471	0	%100
44	MP1A	Z	-.272	-.272	0	%100
45	M44	X	-.124	-.124	0	%100
46	M44	Z	-.072	-.072	0	%100
47	M45	X	-.124	-.124	0	%100
48	M45	Z	-.072	-.072	0	%100
49	M46	X	-.124	-.124	0	%100
50	M46	Z	-.072	-.072	0	%100
51	M47	X	-.124	-.124	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,%]
52	M47	Z	-.072	-.072	0	%100
53	M43	X	-.717	-.717	0	%100
54	M43	Z	-.414	-.414	0	%100
55	M44A	X	-.143	-.143	0	%100
56	M44A	Z	-.082	-.082	0	%100
57	M45A	X	-.143	-.143	0	%100
58	M45A	Z	-.082	-.082	0	%100
59	M54	X	-.093	-.093	0	%100
60	M54	Z	-.054	-.054	0	%100
61	M55	X	-.093	-.093	0	%100
62	M55	Z	-.054	-.054	0	%100
63	M56	X	-.093	-.093	0	%100
64	M56	Z	-.054	-.054	0	%100
65	M57	X	-.093	-.093	0	%100
66	M57	Z	-.054	-.054	0	%100
67	M58	X	-.007	-.007	0	%100
68	M58	Z	-.004	-.004	0	%100
69	M59	X	-.007	-.007	0	%100
70	M59	Z	-.004	-.004	0	%100
71	M60	X	-.313	-.313	0	%100
72	M60	Z	-.18	-.18	0	%100
73	M61	X	-.313	-.313	0	%100
74	M61	Z	-.18	-.18	0	%100
75	M62	X	-.031	-.031	0	%100
76	M62	Z	-.018	-.018	0	%100
77	M63	X	-.031	-.031	0	%100
78	M63	Z	-.018	-.018	0	%100
79	M64	X	-.031	-.031	0	%100
80	M64	Z	-.018	-.018	0	%100
81	M65	X	-.031	-.031	0	%100
82	M65	Z	-.018	-.018	0	%100
83	M66	X	-.096	-.096	0	%100
84	M66	Z	-.056	-.056	0	%100
85	M67	X	-.096	-.096	0	%100
86	M67	Z	-.056	-.056	0	%100
87	M68	X	-.141	-.141	0	%100
88	M68	Z	-.082	-.082	0	%100
89	M69	X	-.141	-.141	0	%100
90	M69	Z	-.082	-.082	0	%100
91	MP4C	X	-.471	-.471	0	%100
92	MP4C	Z	-.272	-.272	0	%100
93	MP3C	X	-.471	-.471	0	%100
94	MP3C	Z	-.272	-.272	0	%100
95	MP2C	X	-.57	-.57	0	%100
96	MP2C	Z	-.329	-.329	0	%100
97	MP1C	X	-.471	-.471	0	%100
98	MP1C	Z	-.272	-.272	0	%100
99	M74	X	-.124	-.124	0	%100
100	M74	Z	-.072	-.072	0	%100
101	M75	X	-.124	-.124	0	%100
102	M75	Z	-.072	-.072	0	%100
103	M76	X	-.124	-.124	0	%100
104	M76	Z	-.072	-.072	0	%100
105	M77	X	-.124	-.124	0	%100
106	M77	Z	-.072	-.072	0	%100
107	M84	X	-.717	-.717	0	%100
108	M84	Z	-.414	-.414	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,%]
109	M85	X	-.57	-.57	0	%100
110	M85	Z	-.329	-.329	0	%100
111	M86	X	-.57	-.57	0	%100
112	M86	Z	-.329	-.329	0	%100
113	M95	X	0	0	0	%100
114	M95	Z	0	0	0	%100
115	M96	X	0	0	0	%100
116	M96	Z	0	0	0	%100
117	M97	X	0	0	0	%100
118	M97	Z	0	0	0	%100
119	M98	X	0	0	0	%100
120	M98	Z	0	0	0	%100
121	M99	X	-.225	-.225	0	%100
122	M99	Z	-.13	-.13	0	%100
123	M100	X	-.225	-.225	0	%100
124	M100	Z	-.13	-.13	0	%100
125	M101	X	-.225	-.225	0	%100
126	M101	Z	-.13	-.13	0	%100
127	M102	X	-.225	-.225	0	%100
128	M102	Z	-.13	-.13	0	%100
129	M103	X	-.124	-.124	0	%100
130	M103	Z	-.072	-.072	0	%100
131	M104	X	-.124	-.124	0	%100
132	M104	Z	-.072	-.072	0	%100
133	M105	X	-.124	-.124	0	%100
134	M105	Z	-.072	-.072	0	%100
135	M106	X	-.124	-.124	0	%100
136	M106	Z	-.072	-.072	0	%100
137	M107	X	-.128	-.128	0	%100
138	M107	Z	-.074	-.074	0	%100
139	M108	X	-.128	-.128	0	%100
140	M108	Z	-.074	-.074	0	%100
141	M109	X	-.128	-.128	0	%100
142	M109	Z	-.074	-.074	0	%100
143	M110	X	-.128	-.128	0	%100
144	M110	Z	-.074	-.074	0	%100
145	MP4B	X	-.471	-.471	0	%100
146	MP4B	Z	-.272	-.272	0	%100
147	MP3B	X	-.471	-.471	0	%100
148	MP3B	Z	-.272	-.272	0	%100
149	MP2B	X	-.57	-.57	0	%100
150	MP2B	Z	-.329	-.329	0	%100
151	MP1B	X	-.471	-.471	0	%100
152	MP1B	Z	-.272	-.272	0	%100
153	M115	X	-.124	-.124	0	%100
154	M115	Z	-.072	-.072	0	%100
155	M116	X	-.124	-.124	0	%100
156	M116	Z	-.072	-.072	0	%100
157	M117	X	-.124	-.124	0	%100
158	M117	Z	-.072	-.072	0	%100
159	M118	X	-.124	-.124	0	%100
160	M118	Z	-.072	-.072	0	%100
161	M125	X	-.717	-.717	0	%100
162	M125	Z	-.414	-.414	0	%100
163	M126	X	-.103	-.103	0	%100
164	M126	Z	-.059	-.059	0	%100
165	M129	X	-.538	-.538	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,%]
166	M129	Z	-.311	-.311	0	%100
167	M130	X	-.135	-.135	0	%100
168	M130	Z	-.078	-.078	0	%100
169	M131	X	-.135	-.135	0	%100
170	M131	Z	-.078	-.078	0	%100
171	M130A	X	-.471	-.471	0	%100
172	M130A	Z	-.272	-.272	0	%100
173	M131A	X	-.134	-.134	0	%100
174	M131A	Z	-.077	-.077	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.247	-.247	0	%100
2	M1	Z	-.428	-.428	0	%100
3	M2	X	-.247	-.247	0	%100
4	M2	Z	-.428	-.428	0	%100
5	M13	X	-.018	-.018	0	%100
6	M13	Z	-.031	-.031	0	%100
7	M14	X	-.018	-.018	0	%100
8	M14	Z	-.031	-.031	0	%100
9	M15	X	-.018	-.018	0	%100
10	M15	Z	-.031	-.031	0	%100
11	M16	X	-.018	-.018	0	%100
12	M16	Z	-.031	-.031	0	%100
13	M17	X	-.206	-.206	0	%100
14	M17	Z	-.356	-.356	0	%100
15	M18	X	-.206	-.206	0	%100
16	M18	Z	-.356	-.356	0	%100
17	M19	X	-.029	-.029	0	%100
18	M19	Z	-.051	-.051	0	%100
19	OVP	X	-.029	-.029	0	%100
20	OVP	Z	-.051	-.051	0	%100
21	M21	X	-.054	-.054	0	%100
22	M21	Z	-.093	-.093	0	%100
23	M22	X	-.054	-.054	0	%100
24	M22	Z	-.093	-.093	0	%100
25	M23	X	-.054	-.054	0	%100
26	M23	Z	-.093	-.093	0	%100
27	M24	X	-.054	-.054	0	%100
28	M24	Z	-.093	-.093	0	%100
29	M25	X	-.085	-.085	0	%100
30	M25	Z	-.148	-.148	0	%100
31	M26	X	-.085	-.085	0	%100
32	M26	Z	-.148	-.148	0	%100
33	M27	X	-.059	-.059	0	%100
34	M27	Z	-.103	-.103	0	%100
35	M28	X	-.059	-.059	0	%100
36	M28	Z	-.103	-.103	0	%100
37	MP4A	X	-.272	-.272	0	%100
38	MP4A	Z	-.471	-.471	0	%100
39	MP3A	X	-.272	-.272	0	%100
40	MP3A	Z	-.471	-.471	0	%100
41	MP2A	X	-.329	-.329	0	%100
42	MP2A	Z	-.57	-.57	0	%100
43	MP1A	X	-.272	-.272	0	%100
44	MP1A	Z	-.471	-.471	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,%]
45	M44	X	-.072	-.072	0	%100
46	M44	Z	-.124	-.124	0	%100
47	M45	X	-.072	-.072	0	%100
48	M45	Z	-.124	-.124	0	%100
49	M46	X	-.072	-.072	0	%100
50	M46	Z	-.124	-.124	0	%100
51	M47	X	-.072	-.072	0	%100
52	M47	Z	-.124	-.124	0	%100
53	M43	X	-.414	-.414	0	%100
54	M43	Z	-.717	-.717	0	%100
55	M44A	X	0	0	0	%100
56	M44A	Z	0	0	0	%100
57	M45A	X	0	0	0	%100
58	M45A	Z	0	0	0	%100
59	M54	X	-.072	-.072	0	%100
60	M54	Z	-.124	-.124	0	%100
61	M55	X	-.072	-.072	0	%100
62	M55	Z	-.124	-.124	0	%100
63	M56	X	-.072	-.072	0	%100
64	M56	Z	-.124	-.124	0	%100
65	M57	X	-.072	-.072	0	%100
66	M57	Z	-.124	-.124	0	%100
67	M58	X	-.08	-.08	0	%100
68	M58	Z	-.138	-.138	0	%100
69	M59	X	-.08	-.08	0	%100
70	M59	Z	-.138	-.138	0	%100
71	M60	X	-.08	-.08	0	%100
72	M60	Z	-.138	-.138	0	%100
73	M61	X	-.08	-.08	0	%100
74	M61	Z	-.138	-.138	0	%100
75	M62	X	0	0	0	%100
76	M62	Z	0	0	0	%100
77	M63	X	0	0	0	%100
78	M63	Z	0	0	0	%100
79	M64	X	0	0	0	%100
80	M64	Z	0	0	0	%100
81	M65	X	0	0	0	%100
82	M65	Z	0	0	0	%100
83	M66	X	-.067	-.067	0	%100
84	M66	Z	-.116	-.116	0	%100
85	M67	X	-.067	-.067	0	%100
86	M67	Z	-.116	-.116	0	%100
87	M68	X	-.067	-.067	0	%100
88	M68	Z	-.116	-.116	0	%100
89	M69	X	-.067	-.067	0	%100
90	M69	Z	-.116	-.116	0	%100
91	MP4C	X	-.272	-.272	0	%100
92	MP4C	Z	-.471	-.471	0	%100
93	MP3C	X	-.272	-.272	0	%100
94	MP3C	Z	-.471	-.471	0	%100
95	MP2C	X	-.329	-.329	0	%100
96	MP2C	Z	-.57	-.57	0	%100
97	MP1C	X	-.272	-.272	0	%100
98	MP1C	Z	-.471	-.471	0	%100
99	M74	X	-.072	-.072	0	%100
100	M74	Z	-.124	-.124	0	%100
101	M75	X	-.072	-.072	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,%]
102	M75	Z	-.124	-.124	0	%100
103	M76	X	-.072	-.072	0	%100
104	M76	Z	-.124	-.124	0	%100
105	M77	X	-.072	-.072	0	%100
106	M77	Z	-.124	-.124	0	%100
107	M84	X	-.414	-.414	0	%100
108	M84	Z	-.717	-.717	0	%100
109	M85	X	-.247	-.247	0	%100
110	M85	Z	-.428	-.428	0	%100
111	M86	X	-.247	-.247	0	%100
112	M86	Z	-.428	-.428	0	%100
113	M95	X	-.018	-.018	0	%100
114	M95	Z	-.031	-.031	0	%100
115	M96	X	-.018	-.018	0	%100
116	M96	Z	-.031	-.031	0	%100
117	M97	X	-.018	-.018	0	%100
118	M97	Z	-.031	-.031	0	%100
119	M98	X	-.018	-.018	0	%100
120	M98	Z	-.031	-.031	0	%100
121	M99	X	-.029	-.029	0	%100
122	M99	Z	-.051	-.051	0	%100
123	M100	X	-.029	-.029	0	%100
124	M100	Z	-.051	-.051	0	%100
125	M101	X	-.206	-.206	0	%100
126	M101	Z	-.356	-.356	0	%100
127	M102	X	-.206	-.206	0	%100
128	M102	Z	-.356	-.356	0	%100
129	M103	X	-.054	-.054	0	%100
130	M103	Z	-.093	-.093	0	%100
131	M104	X	-.054	-.054	0	%100
132	M104	Z	-.093	-.093	0	%100
133	M105	X	-.054	-.054	0	%100
134	M105	Z	-.093	-.093	0	%100
135	M106	X	-.054	-.054	0	%100
136	M106	Z	-.093	-.093	0	%100
137	M107	X	-.059	-.059	0	%100
138	M107	Z	-.103	-.103	0	%100
139	M108	X	-.059	-.059	0	%100
140	M108	Z	-.103	-.103	0	%100
141	M109	X	-.085	-.085	0	%100
142	M109	Z	-.148	-.148	0	%100
143	M110	X	-.085	-.085	0	%100
144	M110	Z	-.148	-.148	0	%100
145	MP4B	X	-.272	-.272	0	%100
146	MP4B	Z	-.471	-.471	0	%100
147	MP3B	X	-.272	-.272	0	%100
148	MP3B	Z	-.471	-.471	0	%100
149	MP2B	X	-.329	-.329	0	%100
150	MP2B	Z	-.57	-.57	0	%100
151	MP1B	X	-.272	-.272	0	%100
152	MP1B	Z	-.471	-.471	0	%100
153	M115	X	-.072	-.072	0	%100
154	M115	Z	-.124	-.124	0	%100
155	M116	X	-.072	-.072	0	%100
156	M116	Z	-.124	-.124	0	%100
157	M117	X	-.072	-.072	0	%100
158	M117	Z	-.124	-.124	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,%]
159	M118	X	-.072	-.072	0	%100
160	M118	Z	-.124	-.124	0	%100
161	M125	X	-.414	-.414	0	%100
162	M125	Z	-.717	-.717	0	%100
163	M126	X	-.000395	-.000395	0	%100
164	M126	Z	-.000684	-.000684	0	%100
165	M129	X	-.233	-.233	0	%100
166	M129	Z	-.404	-.404	0	%100
167	M130	X	-.233	-.233	0	%100
168	M130	Z	-.404	-.404	0	%100
169	M131	X	0	0	0	%100
170	M131	Z	0	0	0	%100
171	M130A	X	-.195	-.195	0	%100
172	M130A	Z	-.338	-.338	0	%100
173	M131A	X	-.213	-.213	0	%100
174	M131A	Z	-.369	-.369	0	%100

Member Area Loads

Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
No Data to Print ...						

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	N64	max	38.663	10	73.534	24	38.663	1	.015	1	0	51	.015	4
2		min	-38.663	4	49.306	1	-38.663	7	-.015	7	0	1	-.015	10
3	N65	max	2024.231	8	2765.78	19	5237.972	1	4.948	1	0	51	3.268	5
4		min	-2298.821	2	-227.592	1	-2967.736	7	-3.974	7	0	1	-2.502	11
5	N124	max	38.663	10	73.534	24	38.663	1	.015	1	0	51	.015	4
6		min	-38.663	4	49.306	1	-38.663	7	-.015	7	0	1	-.015	10
7	N125	max	4314.258	10	2757.061	15	23.094	6	3.832	2	0	51	3.76	4
8		min	-2309.868	4	-411.811	9	-1793.824	24	-3.19	8	0	1	-5.124	10
9	N186	max	38.663	10	73.534	24	38.663	1	.015	1	0	51	.015	4
10		min	-38.663	4	49.306	1	-38.663	7	-.015	7	0	1	-.015	10
11	N187	max	370.894	11	2511.329	23	1838.295	12	3.286	12	0	51	3.28	4
12		min	-2388.214	17	-338.697	5	-2730.528	6	-4.792	6	0	1	-2.916	10
13	Totals:	max	5459.04	10	7188.981	15	5695.556	1						
14		min	-5458.991	4	3338.206	9	-5695.573	7						

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

	Member	Shape	Code Check	Loc[...	LC	Shear Check	Loc[ft]	Dir	LC	phi*Pnc...	phi*Pnt ...	phi*Mn ...	phi*Mn ...	Cb	Eqn
1	M1	PIPE_2.5	.284	8.203	9	.146	8.724		3	14558.7...	50715	3.596	3.596	2...	H1-1b
2	M2	PIPE_2.5	.607	8.724	3	.204	8.724		3	14558.7...	50715	3.596	3.596	2...	H1-1b
3	M13	PL5/8X3.5	.107	0	49	.157	.422	y	8	66184.77	68906.25	.897	5.024	1...	H1-1b
4	M14	PL5/8X3.5	.144	0	41	.113	.422	y	2	66184.77	68906.25	.897	5.024	1...	H1-1b
5	M15	PL5/8X3.5	.181	0	33	.144	.422	y	12	66184.77	68906.25	.897	5.024	1...	H1-1b
6	M16	PL5/8X3.5	.249	.422	4	.341	.422	y	5	66184.77	68906.25	.897	5.024	1...	H1-1b
7	M17	PIPE_2.0	.156	0	8	.039	2.501		2	31128.25	32130	1.872	1.872	2...	H1-1b
8	M18	PIPE_2.0	.111	0	2	.067	0		38	31128.25	32130	1.872	1.872	1...	H1-1b
9	M19	PIPE_2.0	.140	0	12	.090	0		14	31128.25	32130	1.872	1.872	1...	H1-1b
10	OVP	PIPE_2.0	.339	0	5	.074	1.98		11	31128.25	32130	1.872	1.872	1...	H1-1b
11	M21	PL5/8X3.5	.239	.531	6	.071	.531	y	7	67591.76	68906.25	.897	5.024	1...	H1-1b
12	M22	PL5/8X3.5	.323	.531	11	.122	.443	y	4	67591.76	68906.25	.897	5.024	1...	H1-1b

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

	Member	Shape	Code Check	Loc[...	LC	Shear Check	Loc[ft]	Dir	LC	phi*Pnc...	phi*Pnt ...	phi*Mn ...	phi*Mn ...	Cb	Eqn
13	M23	PL5/8X3.5	.345	.531	48	.053	.531	y	2	67591.76	68906.25	.897	5.024	1...	H1-1b
14	M24	PL5/8X3.5	.443	.531	17	.070	.531	y	1	67591.76	68906.25	.897	5.024	1...	H1-1b
15	M25	SR 0.75	.000	0	51	.011	0		11	2863.936	13916.2...	.174	.174	1...	H1-1a
16	M26	SR 0.75	.046	0	42	.012	0		11	2863.936	13916.2...	.174	.174	1...	H1-1b*
17	M27	SR 0.75	.000	0	51	.013	4.167		17	2863.936	13916.2...	.174	.174	1...	H1-1a
18	M28	SR 0.75	.060	4.167	18	.014	4.167		11	2863.936	13916.2...	.174	.174	1...	H1-1b*
19	MP4A	PIPE 2.0	.211	5.667	49	.029	2.333		49	14916.0...	32130	1.872	1.872	4...	H1-1b
20	MP3A	PIPE 2.0	.107	2.333	18	.057	2.333		5	14916.0...	32130	1.872	1.872	2...	H1-1b
21	MP2A	PIPE 2.5	.155	2.333	5	.095	5.667		2	30038.4...	50715	3.596	3.596	2...	H1-1b
22	MP1A	PIPE 2.0	.260	2.333	2	.187	2.333		3	14916.0...	32130	1.872	1.872	4...	H1-1b
23	M44	SR 0.625	.038	1.667	6	.006	0		49	2158.269	9664.074	.101	.101	1...	H1-1b
24	M45	SR 0.625	.125	0	11	.004	0		9	2158.269	9664.074	.101	.101	1...	H1-1b*
25	M46	SR 0.625	.174	0	6	.008	0		3	2158.269	9664.074	.101	.101	1...	H1-1b*
26	M47	SR 0.625	.051	1.667	2	.009	0		3	2158.269	9664.074	.101	.101	1...	H1-1b
27	M43	PIPE 4.0X	.379	5	2	.139	5		2	93327.4...	130410	14.516	14.516	1...	H1-1b
28	M44A	PIPE 2.5	.268	8.203	5	.144	8.724		11	14558.7...	50715	3.596	3.596	2...	H1-1b
29	M45A	PIPE 2.5	.582	8.724	11	.176	11.589		11	14558.7...	50715	3.596	3.596	3...	H1-1b
30	M54	PL5/8X3.5	.149	.422	4	.162	.422	y	4	66184.77	68906.25	.897	5.024	1...	H1-1b
31	M55	PL5/8X3.5	.173	.422	3	.144	.422	y	4	66184.77	68906.25	.897	5.024	1...	H1-1b
32	M56	PL5/8X3.5	.333	.422	13	.080	.422	y	2	66184.77	68906.25	.897	5.024	1...	H1-1b
33	M57	PL5/8X3.5	.270	.422	24	.091	.422	y	1	66184.77	68906.25	.897	5.024	1...	H1-1b
34	M58	PIPE 2.0	.152	0	4	.026	0		18	31128.25	32130	1.872	1.872	1...	H1-1b
35	M59	PIPE 2.0	.126	0	4	.068	0		14	31128.25	32130	1.872	1.872	2...	H1-1b
36	M60	PIPE 2.0	.139	0	8	.164	0		14	31128.25	32130	1.872	1.872	2...	H1-1b
37	M61	PIPE 2.0	.327	0	1	.106	0		23	31128.25	32130	1.872	1.872	1...	H1-1b
38	M62	PL5/8X3.5	.192	.531	2	.055	.531	y	2	67591.76	68906.25	.897	5.024	1...	H1-1b
39	M63	PL5/8X3.5	.499	.531	1	.194	.531	y	13	67591.76	68906.25	.897	5.024	1...	H1-1b
40	M64	PL5/8X3.5	.240	.531	20	.063	0	y	1	67591.76	68906.25	.897	5.024	1...	H1-1b
41	M65	PL5/8X3.5	.490	.531	13	.210	0	y	13	67591.76	68906.25	.897	5.024	1...	H1-1b
42	M66	SR 0.75	.000	0	51	.012	0		4	2863.936	13916.2...	.174	.174	1...	H1-1a
43	M67	SR 0.75	.037	0	15	.011	0		4	2863.936	13916.2...	.174	.174	1...	H1-1b*
44	M68	SR 0.75	.000	0	51	.035	4.167		1	2863.936	13916.2...	.174	.174	1...	H1-1a
45	M69	SR 0.75	.059	4.167	20	.022	4.167		7	2863.936	13916.2...	.174	.174	1...	H1-1b*
46	MP4C	PIPE 2.0	.043	2.333	17	.010	5.667		24	14916.0...	32130	1.872	1.872	3...	H1-1b
47	MP3C	PIPE 2.0	.078	2.333	2	.057	2.333		1	14916.0...	32130	1.872	1.872	3...	H1-1b
48	MP2C	PIPE 2.5	.155	2.333	1	.087	5.667		5	30038.4...	50715	3.596	3.596	3...	H1-1b
49	MP1C	PIPE 2.0	.245	2.333	10	.176	2.333		11	14916.0...	32130	1.872	1.872	4...	H1-1b
50	M74	SR 0.625	.035	1.667	6	.004	0		20	2158.269	9664.074	.101	.101	1...	H1-1b
51	M75	SR 0.625	.065	0	7	.004	0		5	2158.269	9664.074	.101	.101	1	H1-1b*
52	M76	SR 0.625	.397	1.632	2	.007	0		11	2158.269	9664.074	.101	.101	1...	H1-1a
53	M77	SR 0.625	.074	0	7	.014	0		11	2158.269	9664.074	.101	.101	1	H1-1b*
54	M84	PIPE 4.0X	.417	3.333	2	.111	5		10	93327.4...	130410	14.516	14.516	2...	H1-1b
55	M85	PIPE 2.5	.286	8.203	1	.163	8.724		7	14558.7...	50715	3.596	3.596	2...	H1-1b
56	M86	PIPE 2.5	.607	8.724	7	.198	11.589		7	14558.7...	50715	3.596	3.596	2...	H1-1b
57	M95	PL5/8X3.5	.149	.422	24	.042	.374	y	6	66184.77	68906.25	.897	5.024	1...	H1-1b
58	M96	PL5/8X3.5	.171	.422	21	.052	0	y	11	66184.77	68906.25	.897	5.024	1...	H1-1b
59	M97	PL5/8X3.5	.263	.422	10	.176	.422	y	10	66184.77	68906.25	.897	5.024	1...	H1-1b
60	M98	PL5/8X3.5	.304	.422	7	.367	.422	y	9	66184.77	68906.25	.897	5.024	1...	H1-1b
61	M99	PIPE 2.0	.151	0	12	.064	0		24	31128.25	32130	1.872	1.872	1...	H1-1b
62	M100	PIPE 2.0	.111	0	6	.087	0		23	31128.25	32130	1.872	1.872	2...	H1-1b
63	M101	PIPE 2.0	.144	0	10	.090	0		21	31128.25	32130	1.872	1.872	2...	H1-1b
64	M102	PIPE 2.0	.338	0	8	.050	2.501		3	31128.25	32130	1.872	1.872	1...	H1-1b
65	M103	PL5/8X3.5	.163	.531	10	.089	.531	y	24	67591.76	68906.25	.897	5.024	1...	H1-1b
66	M104	PL5/8X3.5	.375	.531	3	.075	.443	y	7	67591.76	68906.25	.897	5.024	1...	H1-1b
67	M105	PL5/8X3.5	.184	.531	16	.113	0	y	23	67591.76	68906.25	.897	5.024	1...	H1-1b
68	M106	PL5/8X3.5	.453	.531	21	.073	.437	y	3	67591.76	68906.25	.897	5.024	1...	H1-1b
69	M107	SR 0.75	.000	0	51	.016	0		24	2863.936	13916.2...	.174	.174	1...	H1-1a

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

	Member	Shape	Code Check	Loc[...	LC	Shear Check	Loc[ft]	Dir	LC	phi*Pnc...	phi*Pnt ...	phi*Mn ...	phi*Mn ...	Cb	Eqn
70	M108	SR_0.75	.039	0	22	.011	0		6	2863.936	13916.2...	.174	.174	1...	H1-1b*
71	M109	SR_0.75	.000	0	51	.022	4.167		9	2863.936	13916.2...	.174	.174	1...	H1-1a
72	M110	SR_0.75	.063	4.167	19	.015	0		3	2863.936	13916.2...	.174	.174	1...	H1-1b*
73	MP4B	PIPE_2.0	.051	5.667	24	.010	5.667		21	14916.0...	32130	1.872	1.872	3...	H1-1b
74	MP3B	PIPE_2.0	.083	2.333	22	.057	2.333		9	14916.0...	32130	1.872	1.872	2...	H1-1b
75	MP2B	PIPE_2.5	.148	5.667	7	.098	5.667		7	30038.4...	50715	3.596	3.596	3.8	H1-1b
76	MP1B	PIPE_2.0	.268	2.333	7	.190	2.333		7	14916.0...	32130	1.872	1.872	4...	H1-1b
77	M115	SR_0.625	.034	1.667	8	.003	0		13	2158.269	9664.074	.101	.101	1...	H1-1b
78	M116	SR_0.625	.065	0	12	.004	0		12	2158.269	9664.074	.101	.101	1...	H1-1b*
79	M117	SR_0.625	.286	1.632	10	.008	0		7	2158.269	9664.074	.101	.101	1...	H1-1a
80	M118	SR_0.625	.060	1.667	3	.010	0		7	2158.269	9664.074	.101	.101	1...	H1-1b
81	M125	PIPE_4.0X	.347	5	6	.089	2.5		10	93327.4...	130410	14.516	14.516	1...	H1-1b
82	M126	PIPE_2.0	.074	0	3	.064	0		2	18909.3...	32130	1.872	1.872	1...	H1-1b*
83	M129	PIPE_3.0	.424	3.75	2	.105	3.75		2	60476.8...	65205	5.749	5.749	2...	H1-1b
84	M130	PIPE_3.0	.401	3.75	10	.149	0		2	60476.8...	65205	5.749	5.749	2...	H1-1b
85	M131	PIPE_3.0	.379	3.75	6	.162	3.75		6	60476.8...	65205	5.749	5.749	2...	H1-1b
86	M130A	PIPE_2.0	.070	0	11	.047	0		4	18909.3...	32130	1.872	1.872	1...	H1-1b*
87	M131A	PIPE_2.0	.075	0	7	.033	6.649		1	18909.3...	32130	1.872	1.872	1...	H1-1b*

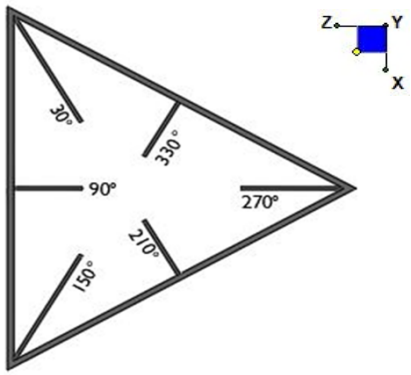
Client:	Verizon	Date:	7/19/2021
Site Name:	Eastford CT		
Project No.	21777322A		
Title:	Mount Analysis-R	Page:	1

Version 3.1

I. Mount-to-Tower Connection Check

RISA Model Data

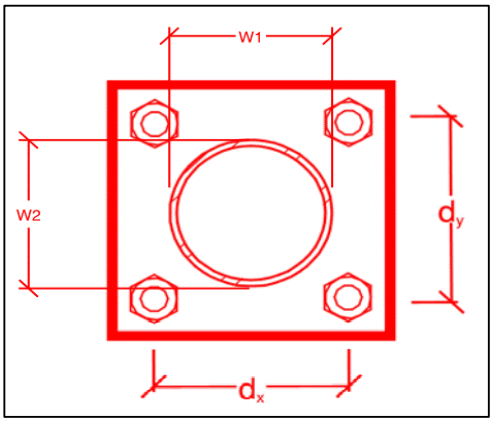
Nodes *(labeled per RISA)*	Orientation *(per graphic of typical platform)*
N65	90
N64	90
N125	210
N124	210
N187	330
N186	330



TYPICAL PLATFORM

Tower Connection Bolt Checks

Any moment resistance?:	yes
Bolt Quantity per Reaction:	4
d_x (in) *(Delta X of typ. bolt config. sketch)* :	5.125
d_y (in) *(Delta Y of typ. bolt config. sketch)* :	4
Bolt Type:	
Bolt Diameter (in):	0.5
Required Tensile Strength (kips):	34.9
Required Shear Strength (kips):	18.3
Tensile Strength / bolt (kips):	10.3
Shear Strength / bolt (kips):	8.0
Tensile Capacity Overall:	**84.4%***
Shear Capacity Overall:	**57.5%**



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

Mount Desktop – Post Modification Inspection (PMI) Report Requirements

Documents & Photos Required from Contractor – New Mount Passing MA

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, this includes safety issues.

Base Requirements:

- Any special photos outside of the standard requirements will be indicated on the passing MA
- Verification that loading is as communicated in the Mount Analysis. NOTE If loading is different than what is conveyed in the modification drawing contact Maser Consulting Connecticut immediately.
- Verification that the New Mount Installed is as specified in the MA
- 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 new mount;
- *Photos taken at Mount Elevation*
  - Photos showing each individual sector before and also after installation of equipment. 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
  - Photos showing the newly installed mount that is as specified in the Mount Analysis

- Photos showing the safety climb wire rope above and below the mount prior to modification.
- Photos showing the climbing facility and safety climb if present.
- Photos showing the climbing facility and safety climb if present.

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 _____

New Mount Certification:

- The contractor must certify that the New Mount installed is as specified

☐ The contractor certifies that the New Mount installed is as specified in the Passing Mount Analysis

☐ The contractor notes that the New Mount installed is not as specified and engineering approval was received for the New Mount Installed

☐ The contractor did not install the New Mount specified in the Passing Mount Analysis

Certifying Individual: Company _____

Name _____

Signature _____

Special Instructions / Validation as required from the MA or any other information the contractor deems necessary to share that was identified:

Issue:

-Contractor to remove and replace the existing mounts with a SitePro1 VFA12-HD Sector mount.

-Contractor to install the mount such that the mount azimuth is the same as the antenna azimuth.

-Contractor to install the mount as detailed in the mount modification drawings.

-Install (3) Mount pipes in positions 1,3 and 4 (position 1 being on the left side when looking from behind), 96" long P2.0 STD, equally spaced at 48", connected to face horizontals with crossover plates (VZWSMART-MSK5). Mount pipe to be cantilevered 28" from top face horizontal. (TYP. ALL SECTORS)

-Install (1) Mount pipe in position 2 (position 1 being on the left side when looking from behind), 96" long P2.5 STD, equally spaced at 48", connected to face horizontals with crossover plates (VZWSMART-MSK5). Mount pipe to be cantilevered 28" from top face horizontal. (TYP. ALL SECTORS)

-Contractor to install proposed OVP to standoff horizontal on the Alpha Sector.

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

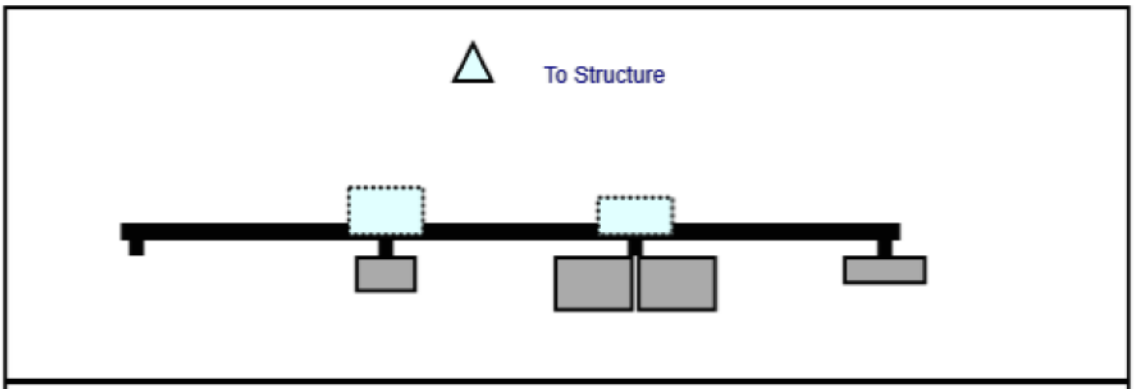
Structure: 467962-VZW - EASTFORD CT

Sector: **A**
Structure Type: Guyed
Mount Elev: 195.20

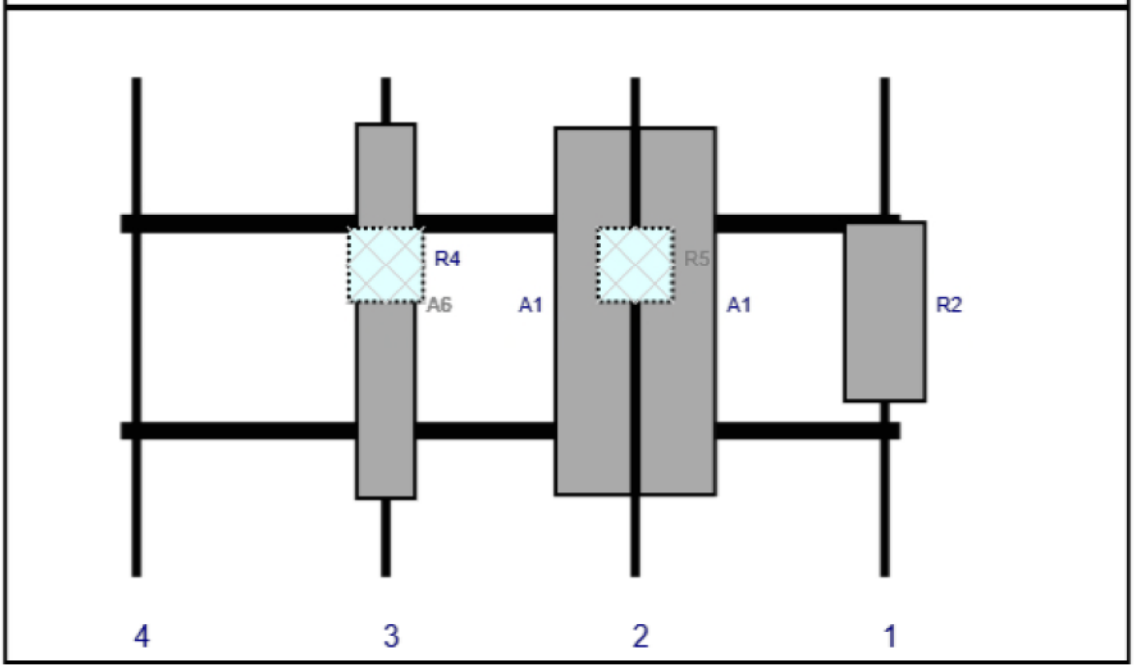
10068863

7/19/2021
Page: 1

Plan View



Front View
Looking at Structure



Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A1	MX06FRO660-03	71.3	15.4	99	2	a	Front	45	8	Added	
A1	MX06FRO660-03	71.3	15.4	99	2	b	Front	45	-8	Added	
R5	B5/B13 RRH-BR04C	15	15	99	2	a	Behind	36	0	Added	
R2	MT6407-77A	35.1	16.1	147	1	a	Front	45	0	Added	
A6	LNX-8513DS-A1M	72.7	11.9	51	3	a	Front	45	0	Retained	03/26/2021
R4	B2/B66A RRH-BR049	15	15	51	3	a	Behind	36	0	Added	

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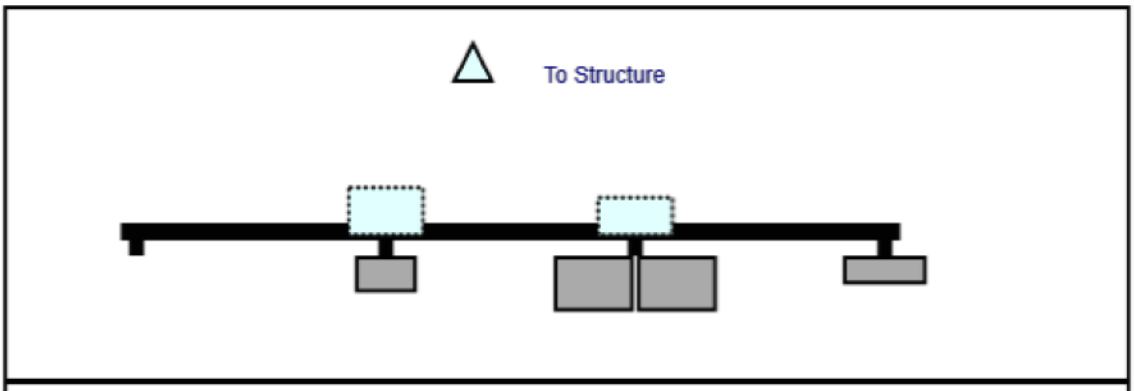
Sector: B
Structure Type: Guyed
Mount Elev: 195.20

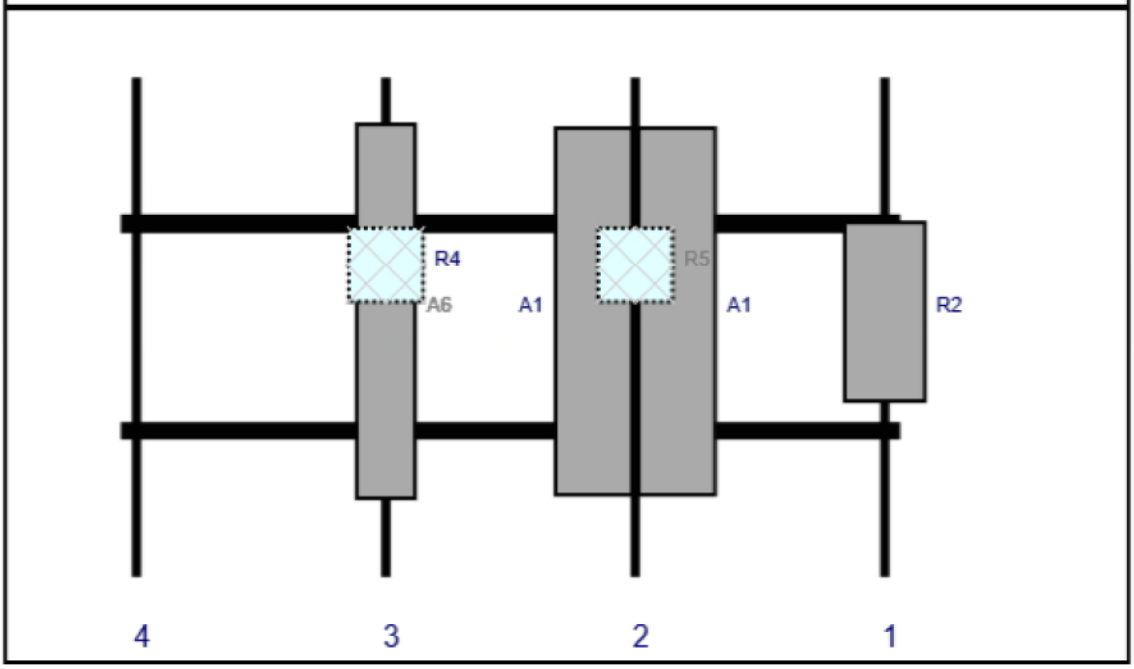
10068863

7/19/2021

Plan View



Front View
Looking at Structure



Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
R2	MT6407-77A	35.1	16.1	147	1	a	Front	45	0	Added	
A1	MX06FRO660-03	71.3	15.4	99	2	a	Front	45	8	Added	
A1	MX06FRO660-03	71.3	15.4	99	2	b	Front	45	-8	Added	
R5	B5/B13 RRH-BR04C	15	15	99	2	a	Behind	36	0	Added	
A6	LNX-8513DS-A1M	72.7	11.9	51	3	a	Front	45	0	Retained	03/26/2021
R4	B2/B66A RRH-BR049	15	15	51	3	a	Behind	36	0	Added	

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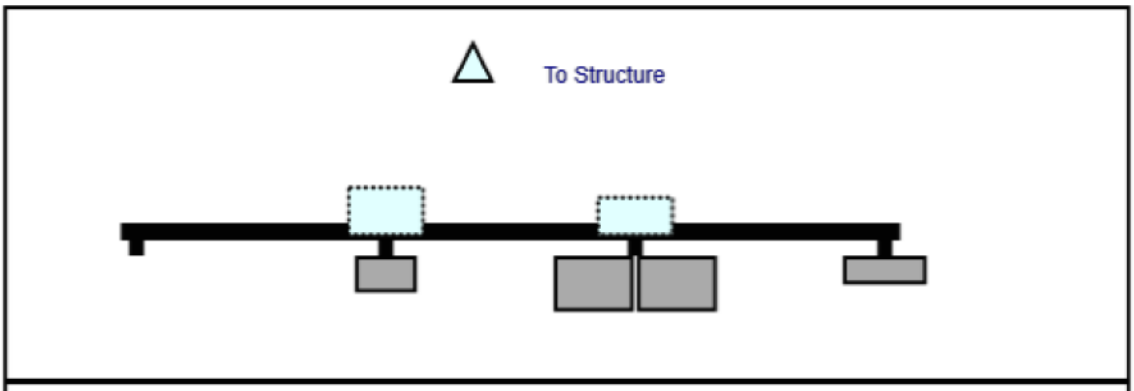
Sector: C
Structure Type: Guyed
Mount Elev: 195.20

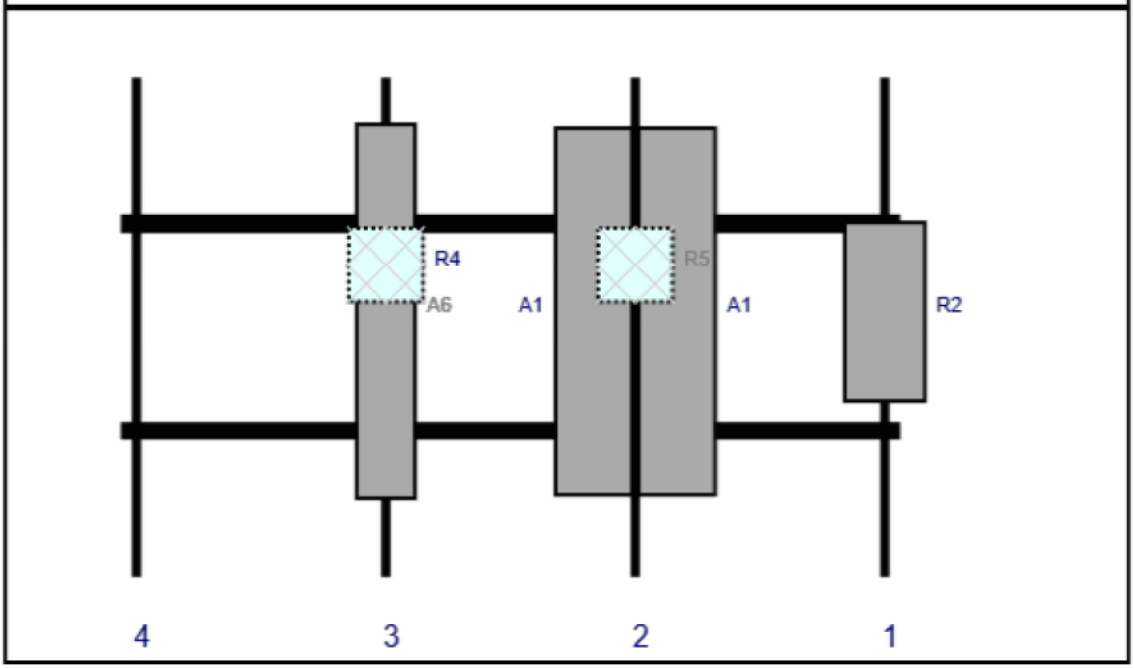
10068863

7/19/2021
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
R2	MT6407-77A	35.1	16.1	147	1	a	Front	45	0	Added	
A1	MX06FRO660-03	71.3	15.4	99	2	a	Front	45	8	Added	
A1	MX06FRO660-03	71.3	15.4	99	2	b	Front	45	-8	Added	
R5	B5/B13 RRH-BR04C	15	15	99	2	a	Behind	36	0	Added	
A6	LNX-8513DS-A1M	72.7	11.9	51	3	a	Front	45	0	Retained	03/26/2021
R4	B2/B66A RRH-BR049	15	15	51	3	a	Behind	36	0	Added	

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Maser Consulting Connecticut

Subject:	*TIA-222-H Usage*	
Site Information	*Site ID:*	*467962-VZW / EASTFORD CT*
	Site Name:	*EASTFORD CT*
	Carrier Name:	*Verizon Wireless*
	Address:	*35 Old Route 44* *Eastford, Connecticut 06242* *Windham County*
	Latitude:	*41.87130555°*
	Longitude:	*-72.06488888°*
Structure Information	*Tower Type:*	*198-Ft Guyed*
	Mount Type:	*12.50-Ft Sector Mount*

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 2021 International Building Code states that, in Section 3108, telecommunication towers shall be designed and constructed in accordance with the provisions of TIA-222. The TIA-222-H is the latest revision of the TIA-222 Standard, effective as of January 01, 2018.

As with all ANSI standards and engineering best practice is to apply the most current revision of the standard. This ensures the engineer is applying all updates. As an example, the TIA-222-H standard includes updates to bring it in line with the latest AISC and ACI standards and it also incorporates the latest wind speed map 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 method, seismic analysis, 30-degree increment wind direction 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
Senior Technical Manager

verizon

MOUNT MODIFICATION DRAWINGS
PROPOSED 12.50' COMBINED SECTOR FRAME

TOWER OWNER: EVEREST
TOWER OWNER SITE NUMBER: 702497

CARRIER SITE NAME: EASTFORD CT
CARRIER SITE NUMBER: 467962-VZW
FUZE ID: 16272163

35 OLD ROUTE 44
EASTFORD, CONNECTICUT 06242
WINDHAM COUNTY

LATITUDE: 41.87130555° N
LONGITUDE: 72.06488888° W

DESIGN CRITERIA

WIND LOADS

BASIC WIND SPEED (3 SECOND GUST), V = 120 MPH
EXPOSURE CATEGORY B
TOPOGRAPHIC CATEGORY 1
MEAN BASE ELEVATION (AMSL) = 751.87'

ICE LOADS

ICE WIND SPEED (3 SECOND GUST), V = 50 MPH
ICE THICKNESS = 1.00 IN

SEISMIC LOADS

SEISMIC DESIGN CATEGORY B
SHORT TERM MCER GROUND MOTION, S_S = .182
LONG TERM MCER GROUND MOTION, S_1 = .055

PROJECT INFORMATION

APPLICANT/LESSEE

COMPANY: VERIZON WIRELESS

CLIENT REPRESENTATIVE

COMPANY: VERIZON WIRELESS
ADDRESS: 118 FLANDERS ROAD, THIRD FLOOR
CITY, STATE, ZIP: WESTBOROUGH, MA 01581
CONTACT: ANDREW CANDIELLO
EMAIL: ANDREW.CANDIELLO@VERIZONWIRELESS.COM

PROJECT MANAGER

COMPANY: MASER CONSULTING CONNECTICUT
CONTACT: PETER ALBANO
PHONE: 856-797-0412
E-MAIL: PETER.ALBANO@COLLIERSENGINEERING.COM

CONTRACTOR PMI REQUIREMENTS

PMI LOCATION: HTTPS://PMI.VZWSMART.COM
SMART TOOL PROJECT #: 10068863
VZW LOCATION CODE (PSLC): 467962-VZW
ANALYSIS DATE: 7/23/2021

PMI REQUIREMENTS EMBEDDED WITHIN MOUNT MODIFICATION REPORT

SHEET INDEX

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verizon

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FOR STATE SPECIFIC DIRECT PHONE NUMBERS VISIT: WWW.CALL811.COM

SCALE:	JOB NUMBER:
AS SHOWN	21777521A

REV	DATE	DESCRIPTION	DRAWN BY	CHECKED BY
0	7/23/2021	ISSUED FOR CONSTRUCTION	JRA	JPL

STATE OF CONNECTICUT — JUSTIN PAUL LINETTE — 31965 — LICENSED PROFESSIONAL ENGINEER

Digitally signed by Justin Paul Linette
Date: 2021.07.23 16:57:13 04'00'

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

SITE NAME:

EASTFORD CT
467962-VZW

35 OLD ROUTE 44
EASTFORD, CONNECTICUT
06242
WINDHAM COUNTY

MT. LAUREL OFFICE
2000 Midlantic Drive
Suite 100
Mount Laurel, NJ 08054
Phone: 856.797.0412
Fax: 856.722.1120

SHEET TITLE: TITLE SHEET

SHEET NUMBER: ST-1

NOTE: DO NOT SCALE DRAWINGS FOR CONSTRUCTION.

BILL OF MATERIALS

SECTION 1 - VZWSMART KITS

QUANTITY	MANUFACTURER	PART NUMBER	DESCRIPTION	NOTES	UNIT WEIGHT	WEIGHT
	VZWSMART					

SECTION 2 - OTHER REQUIRED PARTS

QUANTITY	MANUFACTURER	PART NUMBER	DESCRIPTION	NOTES	UNIT WEIGHT	WEIGHT
3	SITE PRO 1	VFA12-HD	12'-6" HEAVY DUTY V-FRAME ASSEMBLY	SECTOR MOUNTS ARE TO BE INSTALLED ON PROPOSED P4.0 X-STRONG PIPES UTILIZING KIT TOWER CONNECTION BRACKETS (1) PROPOSED TIE-BACK PER SECTOR IS TO BE INSTALLED CONNECTED TO TOP FACE HORIZONTAL AND THE OTHER END SHALL CONNECT BACK TO ADJACENT SECTOR MAST PIPES	648.71	1946.13
3	SITE PRO 1	R5	R5 UNIVERSAL PIPE MOUNT KIT	REPLACE ALL EXISTING THREADED RODS WITH NEW 1/2" DIA. F1554 GR. 105 THREADED RODS PROPOSED PIPE MOUNT TO BE INSTALLED SO THAT IT DOES NOT INTERFERE WITH EXISTING GUY WIRES	72.03	216.09
3	SITE PRO 1	R5REINF	R5 UNIVERSAL PIPE MOUNT REINFORCEMETN KIT		34.04	102.12
6	SITE PRO 1	SP216	PIPE SUPPORT CROSS PLATE		28.84	173.04
3	-	-	120" LONG P4.0 X-STRONG	GALVANIZED	150	450
3	-	-	50" LONG P3.0 STD	GALVANIZED CONTRACTOR TO VERIFY THE LENGTH REQUIRED AND TRIM AS NECESSARY IN ACCORDANCE WITH THE 'STRUCTURAL STEEL' NOTES ON SHEET SGN-1.	31.58	94.74
24	-	-	7" LONG 1/2" DIA. F1554 GR. 105 THREADED ROD	GALVANIZED	0.41	9.84
9	-	-	96" LONG P2.0 STD	GALVANIZED	31.58	284.22
3	-	-	96" LONG P2.5 STD	GALVANIZED	49.4	148.20
					TOTAL:	3424.38

VZWSMART KITS - APPROVED VENDORS

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

NOTES:

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

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REV	DATE	DESCRIPTION	DRAWN BY	CHECKED BY
0	7/23/2021	ISSUED FOR CONSTRUCTION	JRA	JPL

STATE OF CONNECTICUT — JUSTIN PETER LINETTE — 31965 — LICENSED PROFESSIONAL ENGINEER
Digitally signed by Justin Peter Linette
Date: 2021.07.23 16:57:27-04'00'

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SITE NAME:

EASTFORD CT
467962-VZW

35 OLD ROUTE 44
EASTFORD, CONNECTICUT
06242
WINDHAM COUNTY

MT. LAUREL OFFICE
1000 Atlantic Drive
Suite 100
Mount Laurel, NJ 08054
Phone: 856.797.0412
Fax: 856.722.1120

SHEET TITLE: BILL OF MATERIALS

SHEET NUMBER: SBOM-1

PROJECT NOTES

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

GENERAL NOTES

1. THESE MODIFICATIONS HAVE BEEN DESIGNED IN ACCORDANCE WITH THE GOVERNING PROVISIONS OF THE TELECOMMUNICATIONS INDUSTRY STANDARD TIA-222-H. MATERIALS AND SERVICES PROVIDED BY THE CONTRACTOR SHALL CONFORM TO THE ABOVE MENTIONED CODES.
2. CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO PREVENT DAMAGE TO EXISTING STRUCTURES. ANY DAMAGE TO EXISTING STRUCTURES AS A RESULT OF THE CONTRACTOR'S WORK OR FROM DAMAGE DUE TO OTHER CAUSES SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE OWNER.
3. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS BEFORE BEGINNING WORK, ORDERING MATERIAL, AND PREPARING OF SHOP DRAWINGS. ANY DISCREPANCIES BETWEEN FIELD CONDITIONS AND THE CONTRACT DOCUMENTS SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ENGINEER. IF THE CONTRACTOR DISCOVERS ANY EXISTING CONDITIONS THAT ARE NOT REPRESENTED ON THESE DRAWINGS, OR ANY CONDITIONS THAT WOULD INTERFERE WITH THE INSTALLATION OF THE MODIFICATIONS, NOTIFY THE ENGINEER IMMEDIATELY.
4. IT IS ASSUMED THAT ANY STRUCTURAL MODIFICATION WORK SPECIFIED ON THESE PLANS WILL BE ACCOMPLISHED BY KNOWLEDGEABLE WORKMEN WITH TOWER CONSTRUCTION EXPERIENCE.
5. THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK AND SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION METHODS, MEANS, TECHNIQUES, SEQUENCES, AND PROCEDURES.
6. 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/TIA-322 (LATEST EDITION), OSHA, AND GENERAL INDUSTRY STANDARDS. ALL RIGGING PLANS SHALL ADHERE TO ANSI/TIA-322 (LATEST EDITION) INCLUDING THE REQUIRED INVOLVEMENT OF A QUALIFIED ENGINEER FOR CLASS IV CONSTRUCTION.
7. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR INITIATING, MAINTAINING, AND SUPERVISING ALL SAFETY PROGRAMS IN ACCORDANCE WITH APPLICABLE SAFETY CODES.
8. WORK SHALL ONLY BE PERFORMED DURING CALM DRY DAYS (WINDS LESS THAN 30-MPH). THE STRUCTURE SHOWN ON THE DRAWINGS IS STRUCTURALLY SOUND ONLY IN THE COMPLETED FORM. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE STRENGTH AND STABILITY OF THE STRUCTURE DURING ERECTION. CONTRACTOR SHALL PROVIDE TEMPORARY SUPPORT, SHORING, BRACING AND ANY OTHER STRUCTURAL SYSTEMS AS REQUIRED TO RESIST ALL FORCES THAT MAY OCCUR DURING HANDLING AND ERECTION UNTIL THE STRUCTURE IS FULLY COMPLETED. TEMPORARY SUPPORTS, BRACING AND OTHER STRUCTURAL SYSTEMS REQUIRED DURING CONSTRUCTION SHALL REMAIN THE CONTRACTOR'S PROPERTY AFTER THEIR USE.
9. ALL INSTALLATIONS PERFORMED ON THIS STRUCTURE SHALL BE COMPLETED IN ACCORDANCE WITH THE GOVERNING PROVISIONS OF THE STANDARD FOR INSTALLATION, ALTERATION AND MAINTENANCE OF ANTENNA SUPPORTING STRUCTURES AND ANTENNAS, ANSI/TIA-322.
10. CONTRACTOR SHALL SECURE SITE BACK TO EXISTING CONDITION UNDER SUPERVISION OF OWNER. ALL FENCE, STONE, GEOFABRIC, GROUNDING, AND SURROUNDING GRADE SHALL BE REPLACED AND REPAIRED AS REQUIRED TO ACHIEVE OWNER APPROVAL. POSITIVE DRAINAGE AWAY FROM TOWER SITE SHALL BE MAINTAINED.
11. CONNECTIONS BETWEEN ITEMS SUPPORTED BY THE STRUCTURE AND THE STRUCTURE NOT SPECIFICALLY DETAILED IN THE CONTRACT DOCUMENTS ARE THE RESPONSIBILITY OF THE CONTRACTOR. SUCH CONNECTIONS SHALL BE DESIGNED, COORDINATED AND INSPECTED BY A PROFESSIONAL STRUCTURAL ENGINEER LICENSED IN THE STATE OF THE PROJECT. SUBMIT SIGNED AND SEALED CALCULATIONS DURING SHOP DRAWING REVIEW.
12. DO NOT SCALE DRAWINGS.
13. DO NOT USE THESE DRAWINGS FOR ANY OTHER SITE.
14. ALL MATERIAL UTILIZED FOR THIS PROJECT MUST BE NEW AND FREE OF ANY DEFECTS. ANY MATERIAL SUBSTITUTIONS, INCLUDING BUT NOT LIMITED TO ALTERED SIZE AND/OR STRENGTHS, MUST BE APPROVED BY THE OWNER AND ENGINEER IN WRITING.
15. THE MOUNT UNDER NO CIRCUMSTANCES SHOULD BE USED AS A TIE OFF POINT.

STRUCTURAL STEEL

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

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

3. ALL SUBSTITUTIONS PROPOSED BY THE CONTRACTOR SHALL BE APPROVED IN WRITING BY THE ENGINEER. CONTRACTOR SHALL PROVIDE DOCUMENTATION TO ENGINEER FOR VERIFYING THE SUBSTITUTE IS SUITABLE FOR USE AND MEETS ORIGINAL DESIGN CRITERIA. DIFFERENCES FROM THE ORIGINAL DESIGN, INCLUDING MAINTENANCE, REPAIR AND REPLACEMENT, SHALL BE NOTED. ESTIMATES OF COSTS/CREDITS ASSOCIATED WITH THE SUBSTITUTION (INCLUDING RE-DESIGN COSTS AND COSTS TO SUB-CONTRACTORS) SHALL BE PROVIDED TO THE ENGINEER. CONTRACTOR SHALL PROVIDE ADDITIONAL DOCUMENTATION AND/OR SPECIFICATIONS TO THE ENGINEER AS REQUESTED.
4. PROVIDE STRUCTURAL STEEL SHOP DRAWINGS TO ENGINEER FOR APPROVAL PRIOR TO FABRICATION.
   a. SUBMIT SHOP DRAWINGS TO
      PETER.ALBANO@COLLIERSENGINEERING.COM
   b. PROVIDE MASER CONSULTING CONNECTICUT PROJECT # AND MASER CONSULTING CONNECTICUT PROJECT ENGINEER CONTACT IN THE BODY OF THE EMAIL.
5. DRILL NO HOLES IN ANY NEW OR EXISTING STRUCTURAL STEEL MEMBERS OTHER THAN THOSE SHOWN ON STRUCTURAL DRAWINGS WITHOUT THE APPROVAL OF THE ENGINEER OF RECORD.
6. GALVANIZED ASTM A325 BOLTS SHALL NOT BE REUSED.
7. ALL NEW STEEL SHALL BE HOT BE DIPPED GALVANIZED FOR FULL WEATHER PROTECTION. IN ADDITION ALL NEW STEEL SHALL BE PAINTED TO MATCH EXISTING STEEL. CONTRACTOR SHALL OBTAIN WRITTEN PERMISSION TO PROTECT STEEL BY ANY OTHER MEANS.
8. ALL BOLT ASSEMBLIES FOR STRUCTURAL MEMBERS REPRESENTED IN THIS DRAWING REQUIRE LOCKING DEVICES TO BE INSTALLED IN ACCORDANCE WITH TIA-222-H SECTION 4.9.2 REQUIREMENTS.
9. WHERE CONNECTIONS ARE NOT FULLY DETAILED ON THESE DRAWINGS, FABRICATOR SHALL DESIGN CONNECTIONS TO RESIST LOADS AND FORCES WHERE SHOWN ON DRAWINGS AND AS OUTLINED IN SPECIFICATIONS.
10. FOR MEMBERS BEING REPLACED, PROVIDE NEW BOLTS AND MATCH EXISTING SIZE AND GRADE. MAINTAIN AISC REQUIREMENTS FOR MINIMUM BOLT DISTANCE AND SPACING.
11. ALL PROPOSED AND/OR REPLACED BOLTS SHALL BE OF SUFFICIENT LENGTH SUCH THAT THE END OF THE BOLT IS AT LEAST FLUSH WITH THE FACE OF THE NUT. IT IS NOT PERMITTED FOR THE BOLT END TO BE BELOW THE FACE OF THE NUT AFTER TIGHTENING IS COMPLETED.
12. GALVANIZED ASTM A325 BOLTS SHALL NOT BE REUSED.
13. ALL NEW STEEL SHALL BE HOT BE DIPPED GALVANIZED FOR FULL WEATHER PROTECTION. CONTRACTOR SHALL OBTAIN WRITTEN PERMISSION TO PROTECT STEEL BY ANY OTHER MEANS.
14. ALL EXISTING PAINTED/GALVANIZED SURFACES DAMAGED DURING REHAB INCLUDING AREAS UNDER STIFFENER PLATES SHALL BE WIRE BRUSHED CLEAN, REPAIRED BY COLD GALVANIZING (ZINGA OR ZINC COTE), AND REPAINTED TO MATCH THE EXISTING FINISH (IF APPLICABLE).
15. ALL HOLES IN STEEL MEMBERS SHALL BE SIZED 1/16" LARGER THAN THE BOLT DIAMETER. STANDARD HOLES SHALL BE USED UNLESS NOTED OTHERWISE.

WELDING NOTES

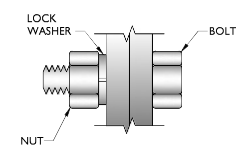
1. ALL WELDING SHALL BE DONE IN ACCORDANCE WITH AWS D1.0 (LATEST EDITION). THIS SHALL INCLUDE A CERTIFIED WELD INSPECTION (CWI) FOR ACCEPTANCE OR REJECTION OF ALL WELDING OPERATIONS, PRE, DURING, AND POST INSTALLATION, USING THE ACCEPTANCE CRITERIA OF AWS D1.1.
2. CONTRACTOR IS RESPONSIBLE FOR COMMISSIONING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

BOLT SCHEDULE (IN.)

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

WORKABLE GAGES (IN.)

LEG	GAGE
4	2 1/2
3 1/2	2
3	1 3/4
2 1/2	1 3/8
2	1 1/8

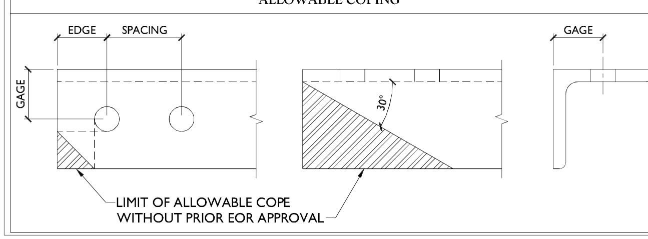


TYP. BOLT ASSEMBLY

NOTES:

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

ALLOWABLE COPING



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Date: 2021.07.23 16:57:24-04'00'

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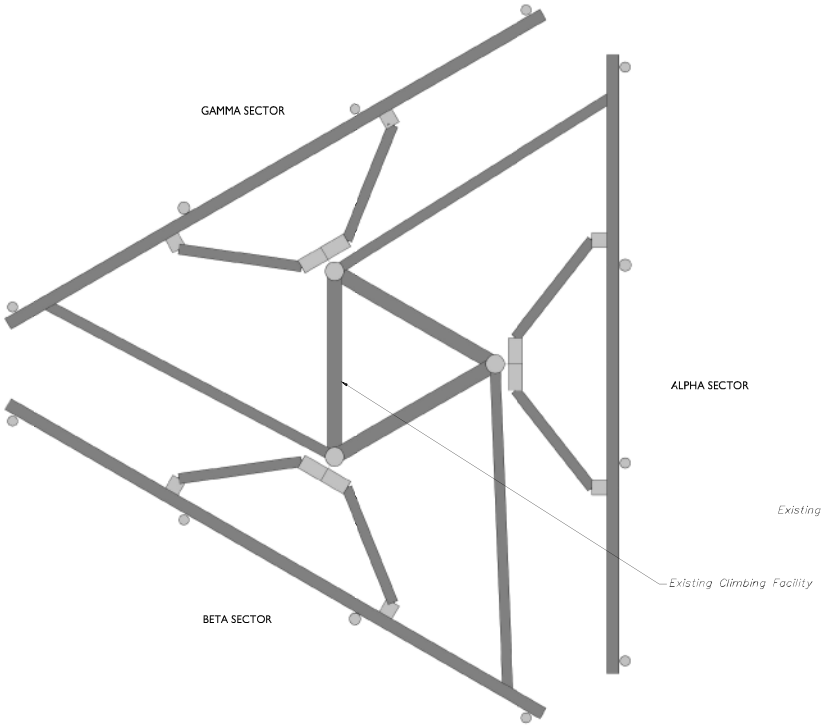
467962-VZW
35 OLD ROUTE 44
EASTFORD, CONNECTICUT
06242
WINDHAM COUNTY

MT. LAUREL OFFICE
2000 Midlantic Drive
Suite 100
Mount Laurel, NJ 08054
Phone: 856.797.0412
Fax: 856.722.1120

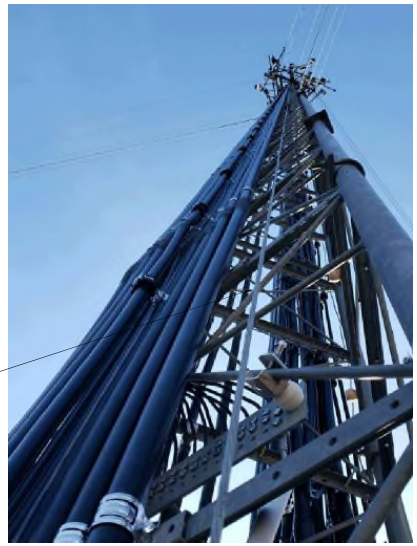
SHEET TITLE:
MODIFICATION NOTES

SHEET NUMBER:
SGN-1

NOTE: DO NOT SCALE DRAWINGS FOR CONSTRUCTION.



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



CLIMBING FACILITY PHOTO

STRUCTURAL NOTES:

1. PER THE MOUNT MAPPING COMPLETED BY ROAMING NETWORKS INC. ON 3/26/2021, THE SAFETY CLIMB AND CLIMBING FACILITIES UP TO THE VERIZON MOUNT ELEVATION (165'-2") ARE IN GOOD CONDITION. MASER CONSULTING CONNECTICUT DOES NOT WARRANT THIS INFORMATION.

2. INSTALL SHALL NOT CAUSE HARM TO THE STRUCTURE, CLIMBING FACILITY, SAFETY CLIMB, OR ANY SYSTEM INSTALLED ON THE STRUCTURE. TIMELY NOTICE AND DOCUMENTATION SHALL BE PROVIDED BY CONTRACTORS TO THE EOR (OF STRUCTURAL DESIGN) IF AN OBSTRUCTION WAS REQUIRED TO MEET THE RF SYSTEM DESIGN REQUIREMENTS AND PERFORMANCES.

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STATE OF CONNECTICUT
JUSTIN PETER LINETTE
21965
LICENSED PROFESSIONAL ENGINEER
Digitally signed by Justin Peter Linette
Date: 2021.07.23 16:57:37-04'00'

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SITE NAME:

EASTFORD CT
467962-VZW

35 OLD ROUTE 44
EASTFORD, CONNECTICUT
06242
WINDHAM COUNTY

MT. LAUREL OFFICE
2000 Midlantic Drive
Suite 100
Mount Laurel, NJ 08054
Phone: 856.797.0412
Fax: 856.722.1120

SHEET TITLE:
CLIMBING FACILITY DETAIL

SHEET NUMBER:
SCF-1

LEGEND:

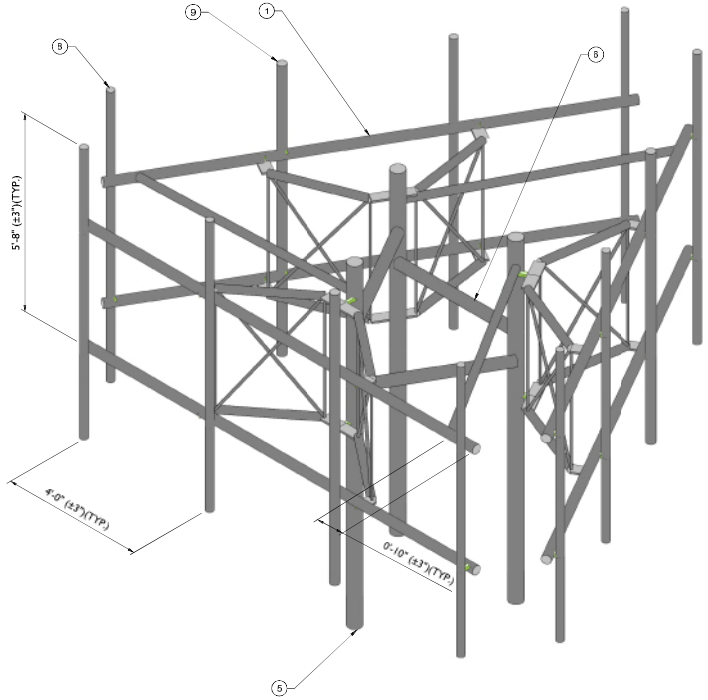
- PROPOSED
- RELOCATED
- EXISTING

MOUNT MODIFICATION SCHEDULE

NO.	ELEVATION	QUANTITY	DESCRIPTION	NOTES
1	165'-2"	3	12'-6" HEAVY DUTY V-FRAME ASSEMBLY	SECTOR MOUNTS ARE TO BE INSTALLED ON PROPOSED P4.0 X-STRONG PIPES UTILIZING KIT TOWER CONNECTION BRACKETS (1) PROPOSED TIE-BACK PER SECTOR IS TO BE INSTALLED CONNECTED TO TOP FACE HORIZONTAL AND THE OTHER END SHALL CONNECT BACK TO ADJACENT SECTOR MAST PIPES
2		3	R5 UNIVERSAL PIPE MOUNT KIT	REPLACE ALL EXISTING THREADED RODS WITH NEW 1/2" DIA. F1554 GR. 105 THREADED RODS PROPOSED PIPE MOUNT TO BE INSTALLED SO THAT IT DOES NOT INTERFERE WITH EXISTING GUY WIRES
3		3	R5 UNIVERSAL PIPE MOUNT REINFORCEMETN KIT	
4		6	PIPE SUPPORT CROSS PLATE	
5		3	120" LONG P4.0 X-STRONG	GALVANIZED
6		3	50" LONG P3.0 STD	GALVANIZED CONTRACTOR TO VERIFY THE LENGTH REQUIRED AND TRIM AS NECESSARY IN ACCORDANCE WITH THE 'STRUCTURAL STEEL' NOTES ON SHEET SGN-1.
7		24	7" LONG 1/2" DIA. F1554 GR. 105 THREADED RODS	GALVANIZED
8		9	96" LONG P2.0 STD MOUNT PIPE	GALVANIZED
9		3	96" LONG P2.5 STD MOUNT PIPE	GALVANIZED

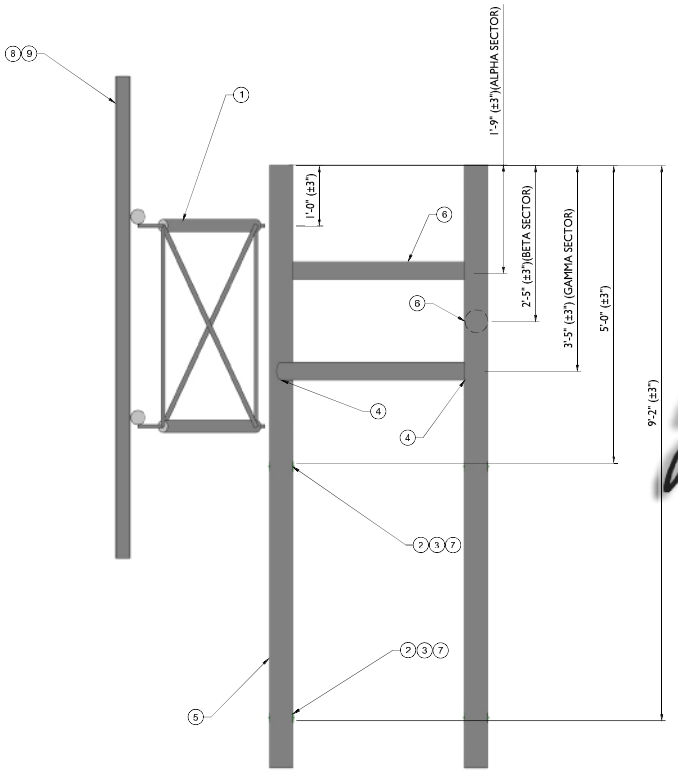
NOTES:

MOUNT MEMBERS NOT SHOWN FOR CLARITY U.N.O.



1 PROPOSED ISOMETRIC VIEW

SCALE : N.T.S.



2 PROPOSED SIDE ELEVATION VIEW (TYP. ALL SECTORS)

SCALE : N.T.S.

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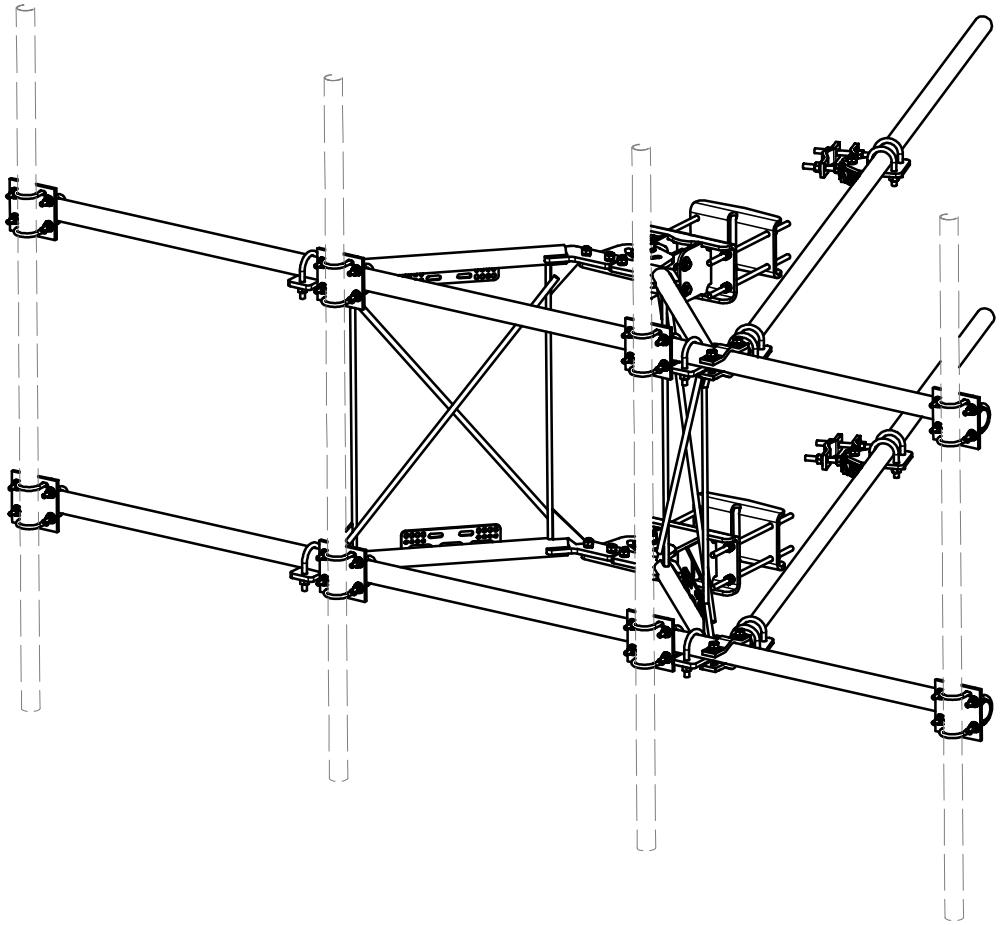
SHEET TITLE: MODIFICATION DETAILS

SHEET NUMBER: SS-1



PARTS LIST

ITEM	QTY	PART NO.	PART DESCRIPTION	LENGTH	UNIT WT.	NET WT.
1	2	X-VFAW	SUPPORT ARM		71.41	142.81
2	1	X-HDCAMTBW	CLAMP WELDMENT FOR BCAM-HD		33.86	33.86
3	1	X-MHTPHD	MULTI-HOLE TAPER PLATE WELDMENT		36.24	36.24
4	2	X-VFAPL4	VFA-HD PIVOT PLATE	12 in	15.88	31.77
5	2	X-LCBP4	BENT BACKING PLATE	13 in	19.00	38.01
6	1	X-HDCAMSS	ANGLE ADJUSTMENT WELDMENT FOR BCAM-HD		16.39	16.39
7	4	X-SPTB	SLIDING PIPE TIE BACK PLATE	5 1/2 in	5.87	23.49
8	1	X-HDCAMSP	POSITIONING PLATE WELDMENT FOR BCAM-HD		2.58	2.58
9	4	X-TBCA	TIE BACK CLIP ANGLE		2.01	8.02
10	8	SCX2	CROSSOVER PLATE	7 in	4.80	38.37
11	4	MCP	CLAMP HALF 1/2" THICK, 11-5/8" LONG	12 1/16 in	3.59	14.37
12	8	DCP	1/2" THICK, 5-3/4" CNTER TO CENTER CLAMP HALF	8 1/8 in	2.36	18.90
13	2	P2126	2-3/8" X 126" (2" SCH. 40) GALVANIZED PIPE	126 in	40.75	81.50
14	2	P30150	2-7/8" X 150" (2-1/2" SCH. 40) GALVANIZED PIPE	150 in	76.94	153.87
15	4	A34212	3/4" x 2-1/2" UNC HEX BOLT (A325)	2 1/2 in	0.48	1.92
16	4	G34FW	3/4" HDG USS FLATWASHER		0.06	0.24
17	4	G34LW	3/4" HDG LOCKWASHER		0.04	0.17
18	4	G34NUT	3/4" HDG HEAVY 2H HEX NUT		0.21	0.85
19	8	G58R-18	5/8" x 18" THREADED ROD (HDG.)	18 in	0.40	3.19
20	4	G58R-12	5/8" x 12" THREADED ROD (HDG.)		1.05	4.18
21	4	G58R-8	5/8" x 8" THREADED ROD (HDG.)		0.70	2.79
22	4	X-UB5300	5/8" X 3" X 5-1/4" X 2-1/2" U-BOLT (HDG.)		1.15	4.60
23	8	X-UB5258	5/8" X 2-5/8" X 4-1/2" X 2" U-BOLT (HDG.)		1.00	8.00
24	2	G5807	5/8" x 7" HDG HEX BOLT GR5 FULL THREAD	7 in	0.70	1.41
25	1	G5806	5/8" x 6" HDG HEX BOLT GR5 FULL THREAD	6 in	0.62	0.62
26	8	G5804	5/8" x 4" HDG HEX BOLT GR5		0.44	3.55
27	4	G5802	5/8" x 2" HDG HEX BOLT GR5		0.27	1.08
28	8	A582114	5/8" x 2-1/4" HDG A325 HEX BOLT	2 1/4 in	0.31	2.50
29	25	G58FW	5/8" HDG USS FLATWASHER	1/8 in	0.07	1.76
30	66	G58LW	5/8" HDG LOCKWASHER		0.03	1.72
31	71	G58NUT	5/8" HDG HEAVY 2H HEX NUT		0.13	9.22
32	32	X-UB1300	1/2" X 3" X 5" X 2" GALV U-BOLT		0.74	23.64
33	16	X-UB1212	1/2" X 2" X 3" X 1-1/4" U-BOLT (HDG.)		0.60	9.56
34	64	G12FW	1/2" HDG USS FLATWASHER	3/32 in	0.03	2.18
35	64	G12LW	1/2" HDG LOCKWASHER	1/8 in	0.01	0.89
36	64	G12NUT	1/2" HDG HEAVY 2H HEX NUT		0.07	4.58
					TOTAL WT. #	738.06

REV	DESCRIPTION OF REVISIONS	CPD	BY	DATE
D	UPDATED BCAM VERSION 1 TO BCAM VERSION 2		CEK	6/29/2018
C	UPDATED PIN LEG CONNECTION TO B-CAM CONNECTION		CEK	12/7/2017
B	CHANGED TIE-BACK BACK CONNECTION		CEK	7/31/2017
A	CHANGED TIE-BACK FRONT CONNECTION		CEK	2/2/2017

REVISION HISTORY

TOLERANCE NOTES

TOLERANCES ON DIMENSIONS, UNLESS OTHERWISE NOTED ARE:
SAWED, SHEARED AND GAS CUT EDGES *(± 0.030")*
DRILLED AND GAS CUT HOLES *(± 0.030")* - NO CONING OF HOLES
LASER CUT EDGES AND HOLES *(± 0.010")* - NO CONING OF HOLES
BENDS ARE ± 1/2 DEGREE
ALL OTHER MACHINING *(± 0.030")*
ALL OTHER ASSEMBLY *(± 0.060")*

PROPRIETARY NOTE:
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DESCRIPTION
12' 6" HEAVY DUTY
V-FRAME ASSEMBLY
WITH TWO STIFF ARMS

SITE PRO 1
A valmont COMPANY

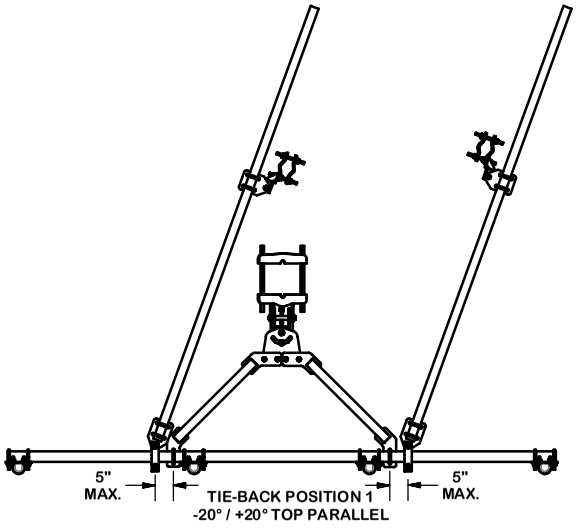
Engineering Support Team:
1-888-753-7446

Locations:
New York, NY
Atlanta, GA
Los Angeles, CA
Plymouth, IN
Salem, OR
Dallas, TX

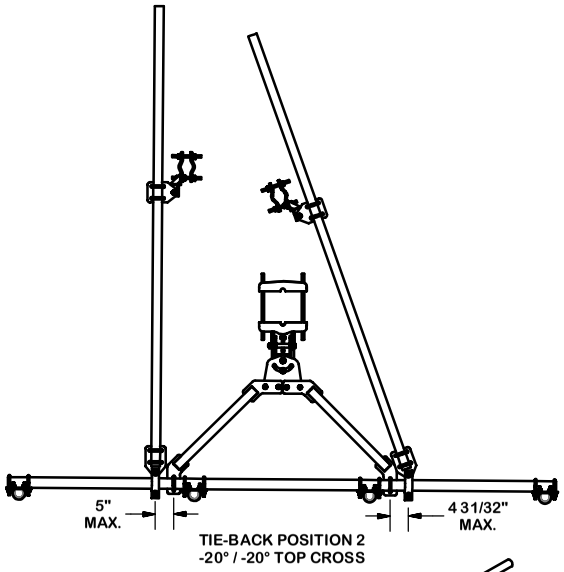
CPD NO.	DRAWN BY	ENG. APPROVAL	PART NO.
	CEK 1/25/2017		VFA12-HD

CLASS	SUB	DRAWING USAGE	CHECKED BY	DWG. NO.
81	02	CUSTOMER	BMC 12/13/2017	VFA12-HD

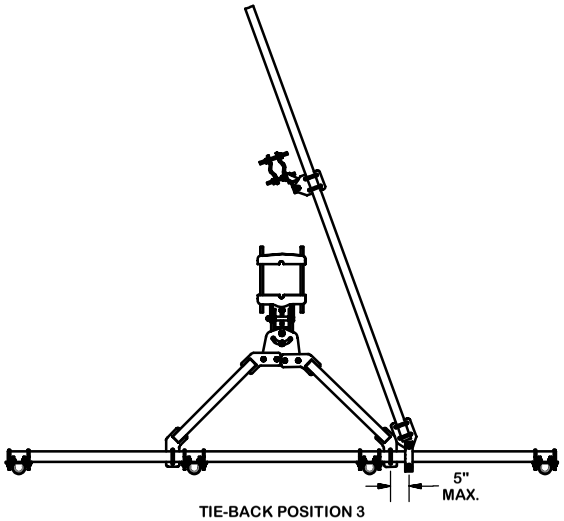
TIE-BACK POSITIONS



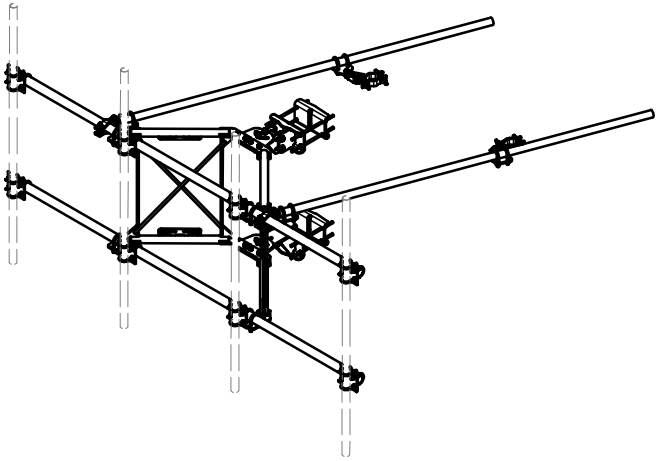
TIE-BACK POSITION 1
-20° / +20° TOP PARALLEL

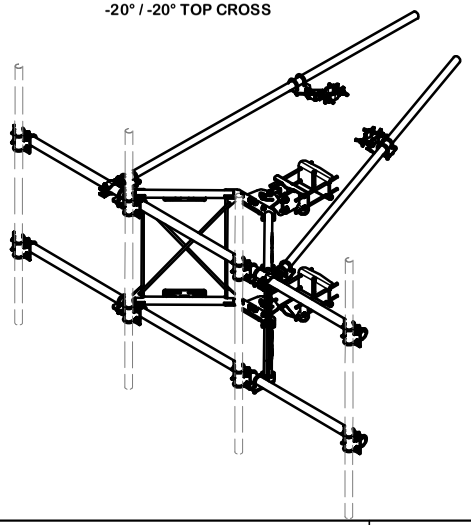


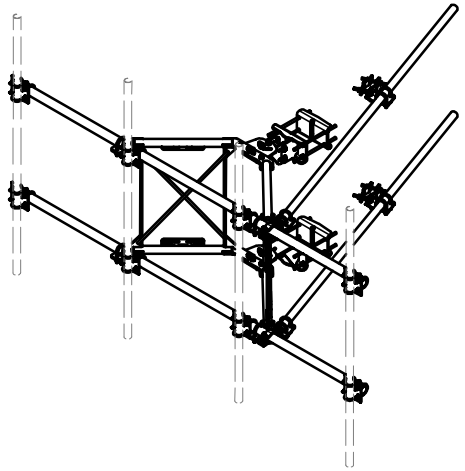
TIE-BACK POSITION 2
-20° / -20° TOP CROSS



TIE-BACK POSITION 3
-20° SAME SIDE STACKED







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REVISION HISTORY

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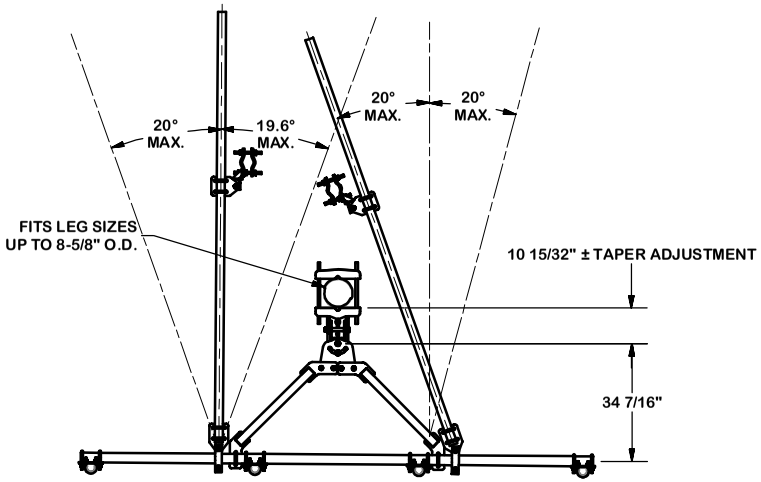
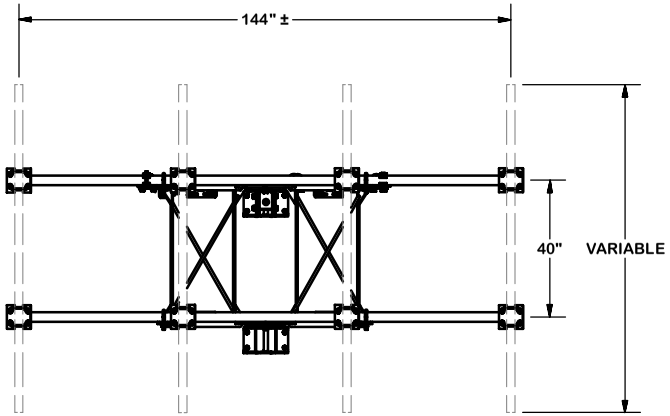
CPD NO.	DRAWN BY	ENG. APPROVAL	PART NO.
	CEK 1/25/2017		VFA12-HD

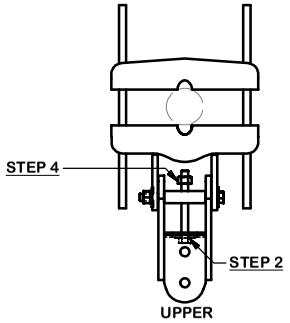
CLASS	SUB	DRAWING USAGE	CHECKED BY	DWG. NO.
81	02	CUSTOMER	BMC 12/13/2017	VFA12-HD

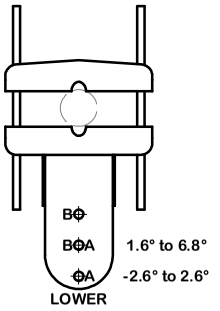


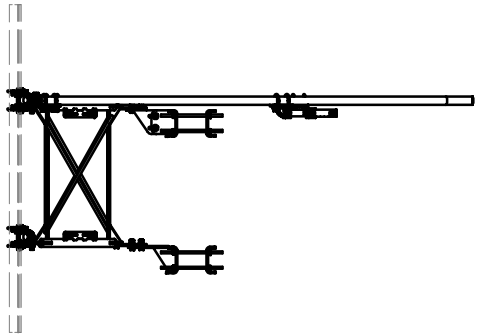


ANGLE CALIBRATING PROCEDURE:

1. MEASURE TOWER TAPER AND PICK LOWER BRACKET HOLE:
   HOLE A = -2.6° TO 2.6°
   HOLE B = 1.6° TO 6.8°
2. USE CALIBRATING BOLT TO ADJUST FRAME TO DESIRED TAPER
3. TORQUE LOCKING BOLTS TO 100 ft.-lbs.
4. ADVANCE LOCKING NUT TO POSITIONING PLATE, THEN TIGHTEN.







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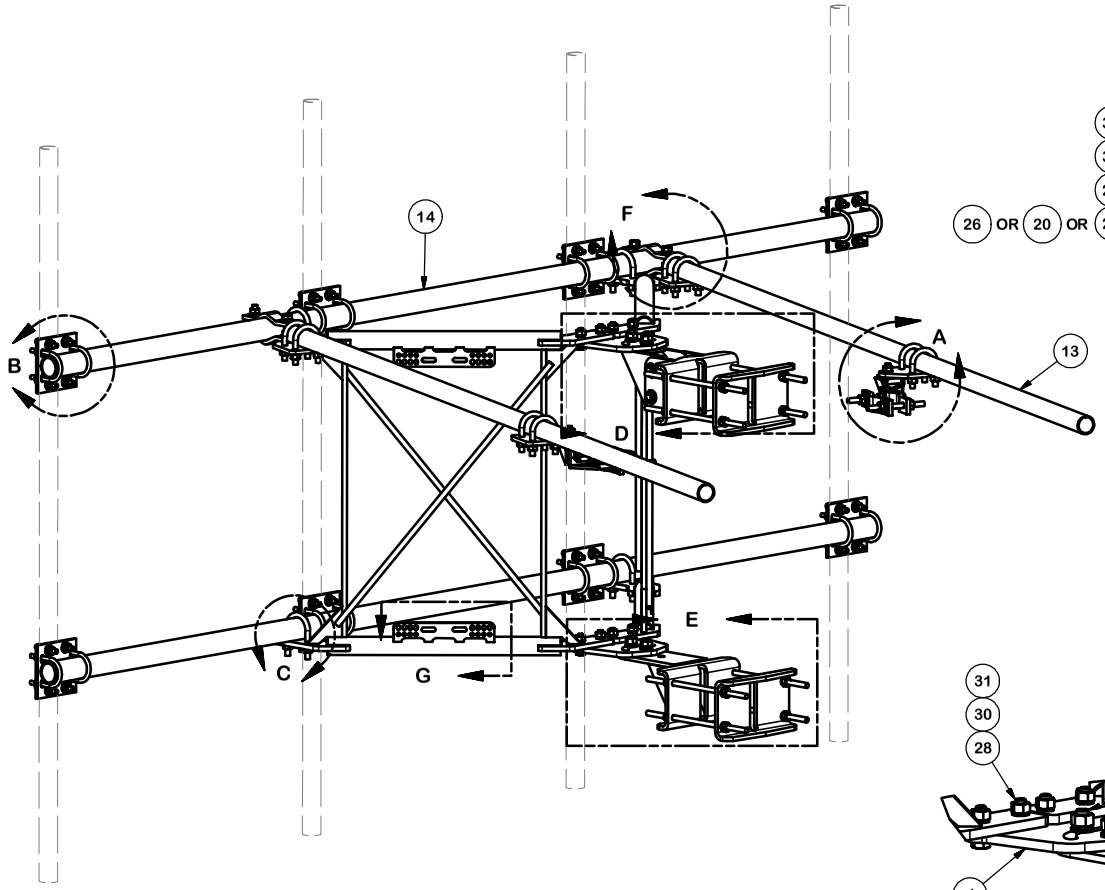

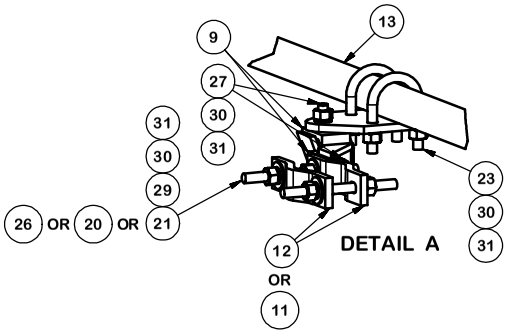

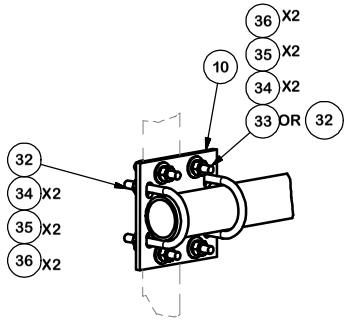

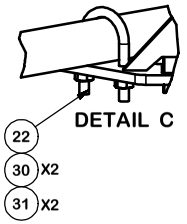

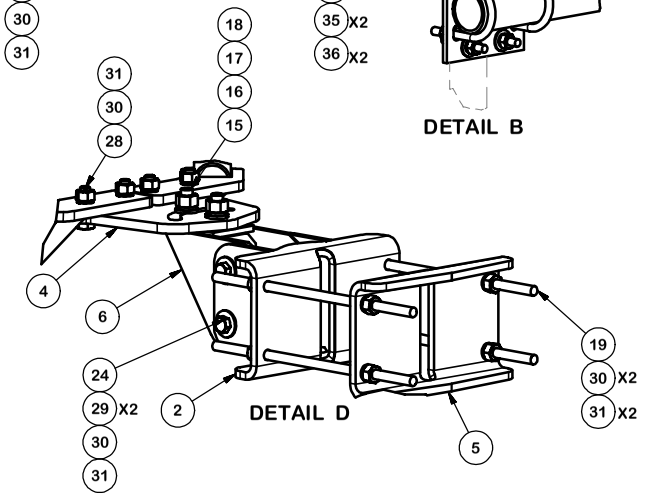

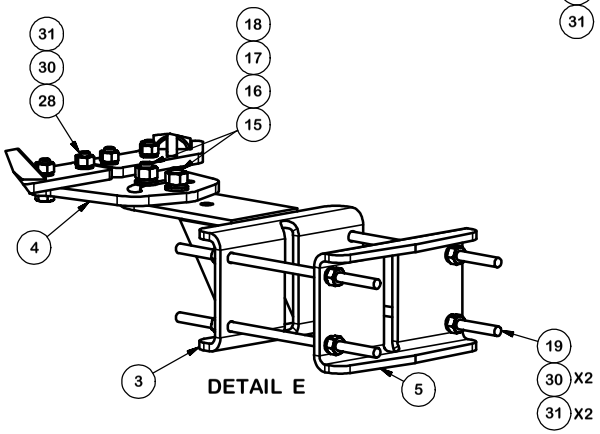

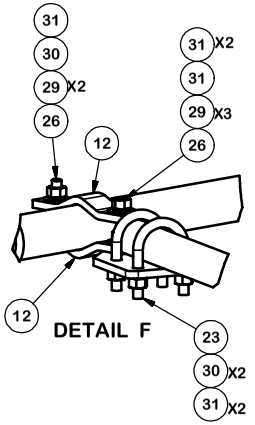

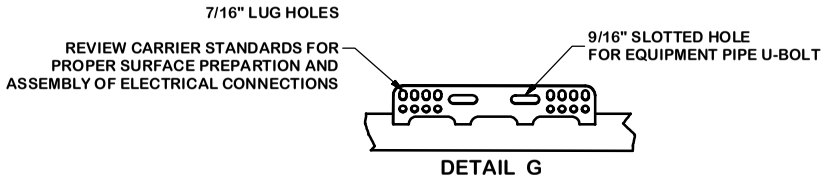

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REVISION HISTORY

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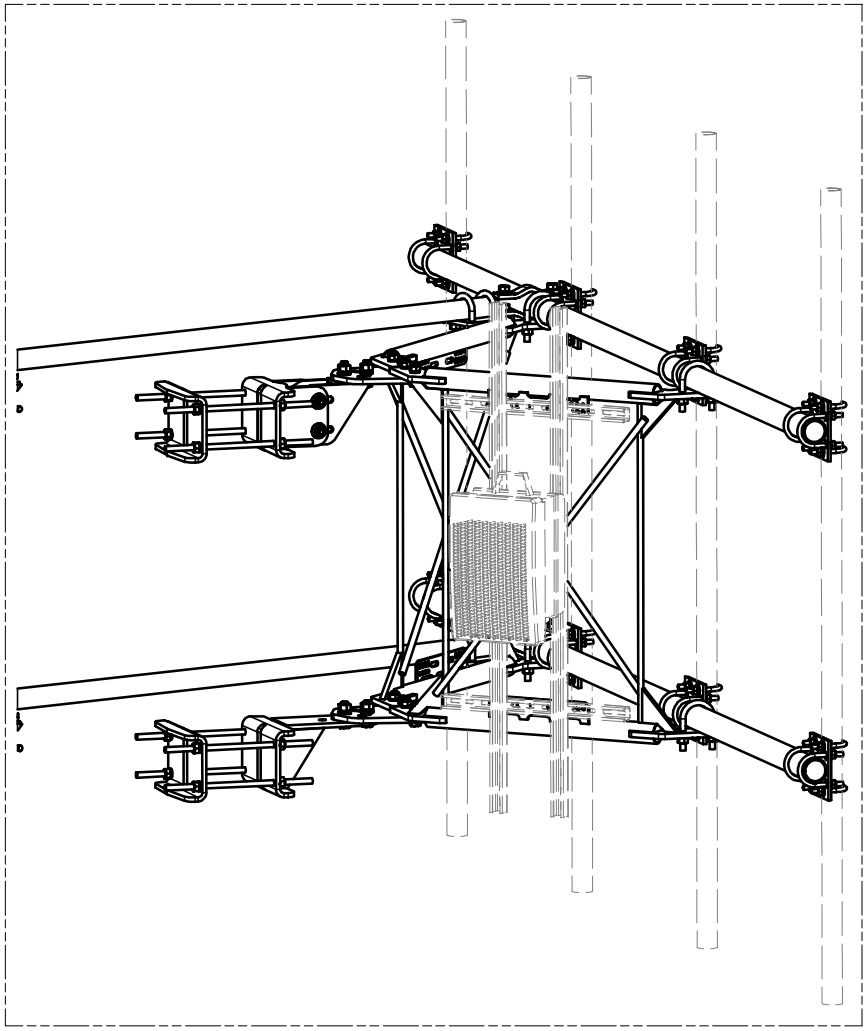
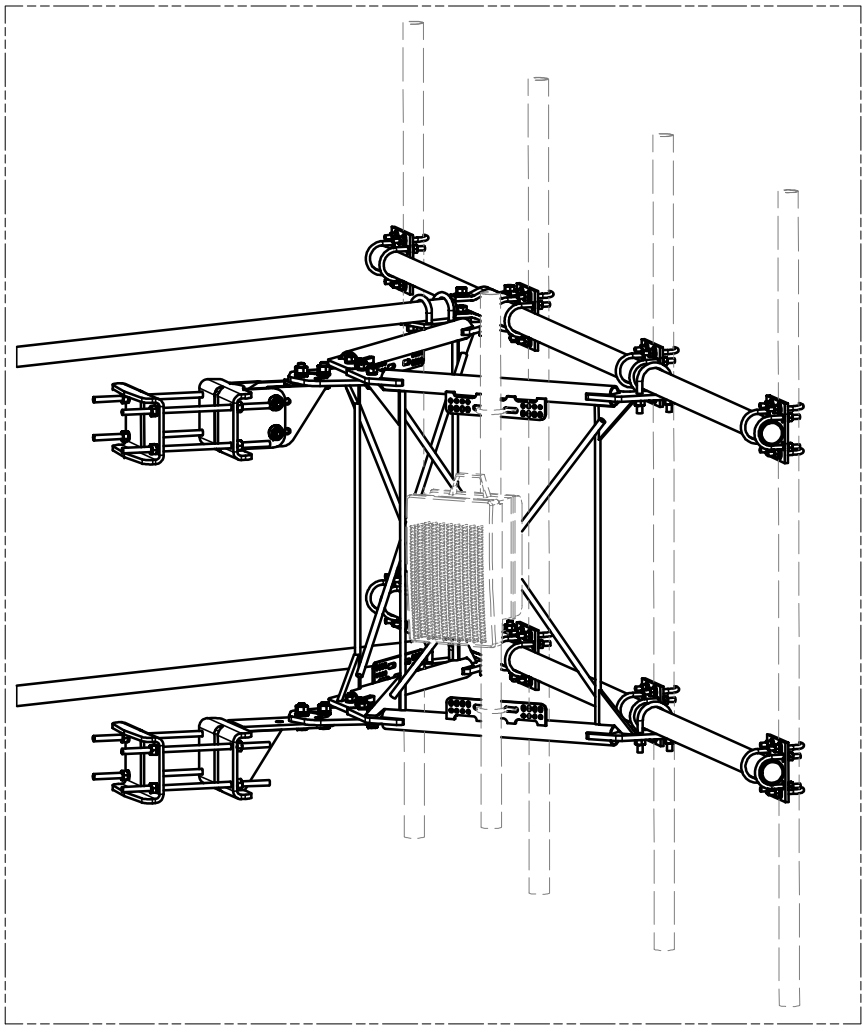
CPD NO.	DRAWN BY	ENG. APPROVAL	PART NO.
	CEK 1/25/2017		VFA12-HD

CLASS	SUB	DRAWING USAGE	CHECKED BY	DWG. NO.
81	02	CUSTOMER	BMC 12/13/2017	VFA12-HD



UNISTRUT AND HARDWARE
SOLD SEPARATELY.

REQUIRES 3/8" HARDWARE



EQUIPMENT PIPE AND HARDWARE
SOLD SEPARATELY.

REQUIRES 1/2" HARDWARE
AND 2-3/8" TO 4-1/2" O.D. PIPE

REV	DESCRIPTION OF REVISIONS	CPD	BY	DATE
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REVISION HISTORY

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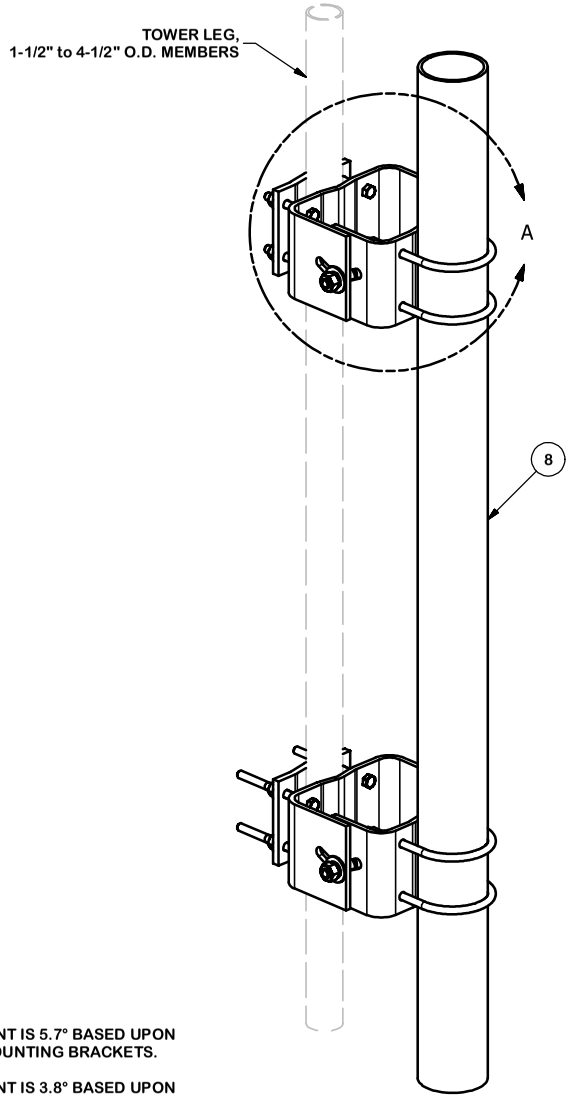
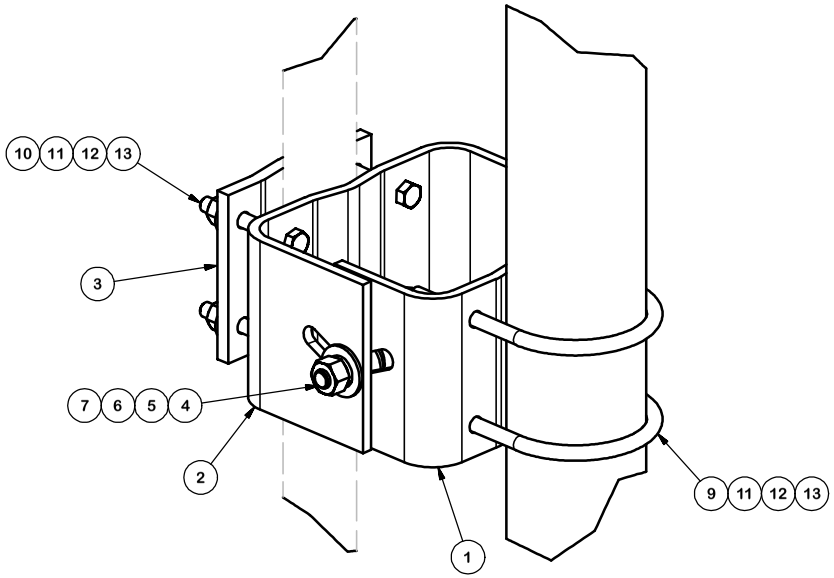
81	02	CUSTOMER	BMC 12/13/2017	VFA12-HD



PARTS LIST						
ITEM	QTY	PART NO.	PART DESCRIPTION	LENGTH	UNIT WT.	NET WT.
1	2	X-154463	UNIVERSAL PIPE MOUNTING PLATE (INNER)	16 11/32 in	10.52	21.03
2	2	X-155561	UNIVERSAL PIPE MOUNTING PLATE (OUTER)	20 9/32 in	13.16	26.31
3	2	X-159999	BACKING PLATE	6 9/16 in	5.73	11.46
4	4	G5802	5/8" x 2" HDG HEX BOLT GR5		0.27	1.08
5	8	G58FW	5/8" HDG USS FLATWASHER	1/8 in	0.07	0.56
6	4	G58LW	5/8" HDG LOCKWASHER		0.03	0.10
7	4	G58NUT	5/8" HDG HEAVY 2H HEX NUT		0.13	0.52
8	1	P472	4-1/2" X 72" SCH. 40 GALVANIZED PIPE	72 in	64.89	64.89
9	4	X-UB1458	1/2" X 4-5/8" X 7" X 3" GALV U-BOLT		0.97	3.89
10	8	G1204	1/2" x 4" HDG HEX BOLT GR5 FULL THREAD	4 in	0.27	2.16
10	8	G12065	1/2" x 6-1/2" HDG HEX BOLT GR5 FULL THREAD	6 1/2 in	0.41	3.28
11	16	G12FW	1/2" HDG USS FLATWASHER	3/32 in	0.03	0.55
12	16	G12LW	1/2" HDG LOCKWASHER	1/8 in	0.01	0.22
13	16	G12NUT	1/2" HDG HEAVY 2H HEX NUT		0.07	1.15
					TOTAL WT. #	136.92



DETAIL A

TAPER NOTE:
THE MAXIMUM TAPER ADJUSTMENT IS 5.7° BASED UPON 30" SPACING OF ADJUSTABLE MOUNTING BRACKETS.

THE MAXIMUM TAPER ADJUSTMENT IS 3.8° BASED UPON 45" SPACING OF ADJUSTABLE MOUNTING BRACKET.

REVISION HISTORY				
REV	DESCRIPTION OF REVISIONS	CPD	BY	DATE
A	CHANGED THE AMOUNT OF 5/8" FLATWASHER FROM 4 TO 8		MS	12/18/2015

TOLERANCE NOTES

TOLERANCES ON DIMENSIONS, UNLESS OTHERWISE NOTED ARE:
SAWED, SHEARED AND GAS CUT EDGES *(± 0.030")*
DRILLED AND GAS CUT HOLES *(± 0.030")* - NO CONING OF HOLES
LASER CUT EDGES AND HOLES *(± 0.010")* - NO CONING OF HOLES
BENDS ARE ± 1/2 DEGREE
ALL OTHER MACHINING *(± 0.030")*
ALL OTHER ASSEMBLY *(± 0.060")*

PROPRIETARY NOTE:
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DESCRIPTION
R5 UNIVERSAL PIPE MOUNT KIT
WITH 4-1/2" PIPE

SITE PRO 1
A valmont COMPANY

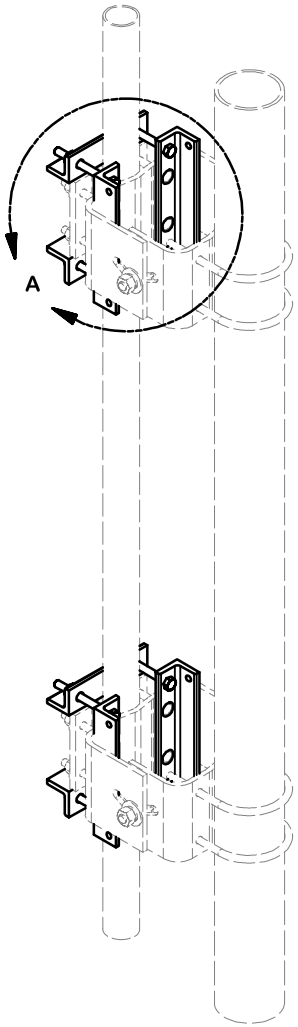
Engineering Support Team:
1-888-753-7446

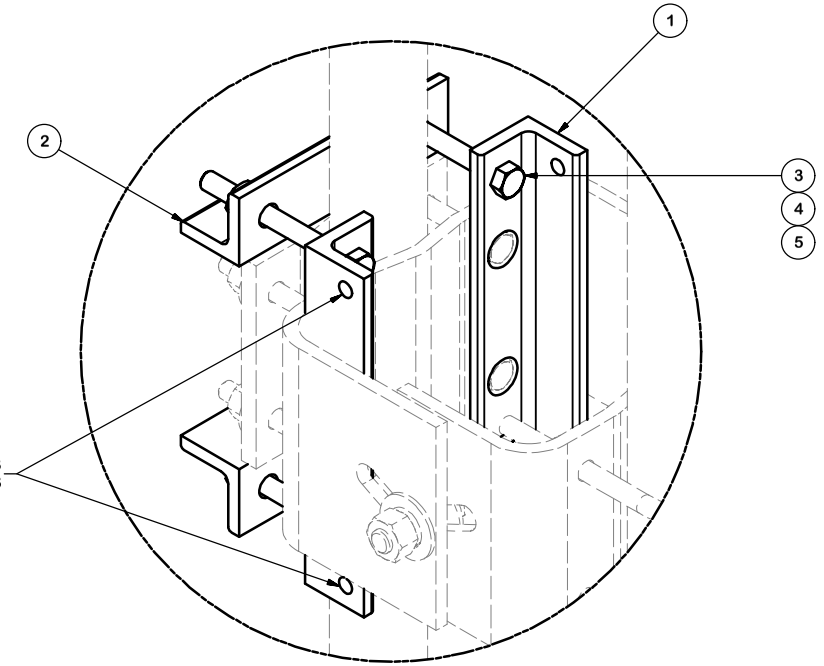
Locations:
New York, NY
Atlanta, GA
Los Angeles, CA
Plymouth, IN
Salem, OR
Dallas, TX

CPD NO.	DRAWN BY	ENG. APPROVAL	PART NO.	PAGE
4718	RH18 3/29/2010		R5	1 OF 1

CLASS	SUB	DRAWING USAGE	CHECKED BY	DWG. NO.
81	01	CUSTOMER	BMC 11/12/2015	R5

PARTS LIST						
ITEM	QTY	PART NO.	PART DESCRIPTION	LENGTH	UNIT WT.	NET WT.
1	4	X-R5-FRA1	REINFORCEMENT ANGLE	10 in	3.84	15.36
2	4	X-R5-RFA2	REINFORCEMENT ANGLE	7 1/8 in	2.86	11.45
3	8	G1208	1/2" x 8" HDG HEX BOLT GR5 FULL THREAD	8 in	0.49	3.94
3	8	G1205	1/2" x 5" HDG HEX BOLT GR5 FULL THREAD	5 in	0.33	2.61
4	8	G12LW	1/2" HDG LOCKWASHER		0.01	0.11
5	8	G12NUT	1/2" HDG HEAVY 2H HEX NUT		0.07	0.57
					TOTAL WT. #	34.04





DETAIL A

TOLERANCE NOTES

TOLERANCES ON DIMENSIONS, UNLESS OTHERWISE NOTED ARE:
SAWED, SHEARED AND GAS CUT EDGES (± 0.030")
DRILLED AND GAS CUT HOLES (± 0.030") - NO CONING OF HOLES
LASER CUT EDGES AND HOLES (± 0.010") - NO CONING OF HOLES
BENDS ARE ± 1/2 DEGREE
ALL OTHER MACHINING (± 0.030")
ALL OTHER ASSEMBLY (± 0.060")

PROPRIETARY NOTE:
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DESCRIPTION
R5 UNIVERSAL PIPE MOUNT
REINFORCEMENT KIT

SITE PRO 1
A valmont COMPANY

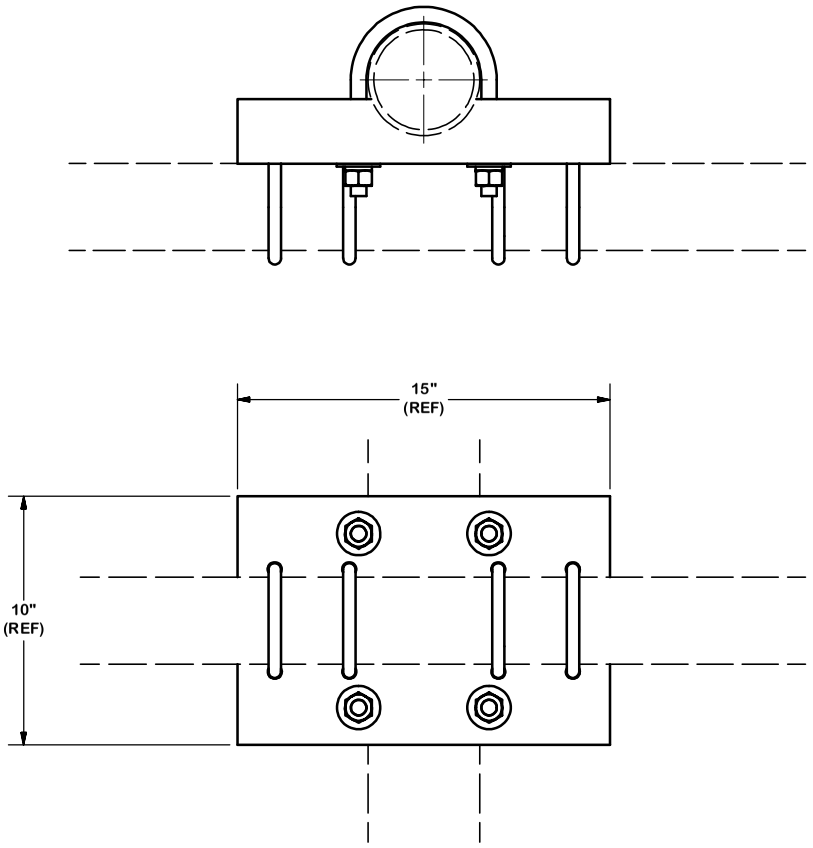
Engineering Support Team:
1-888-753-7446

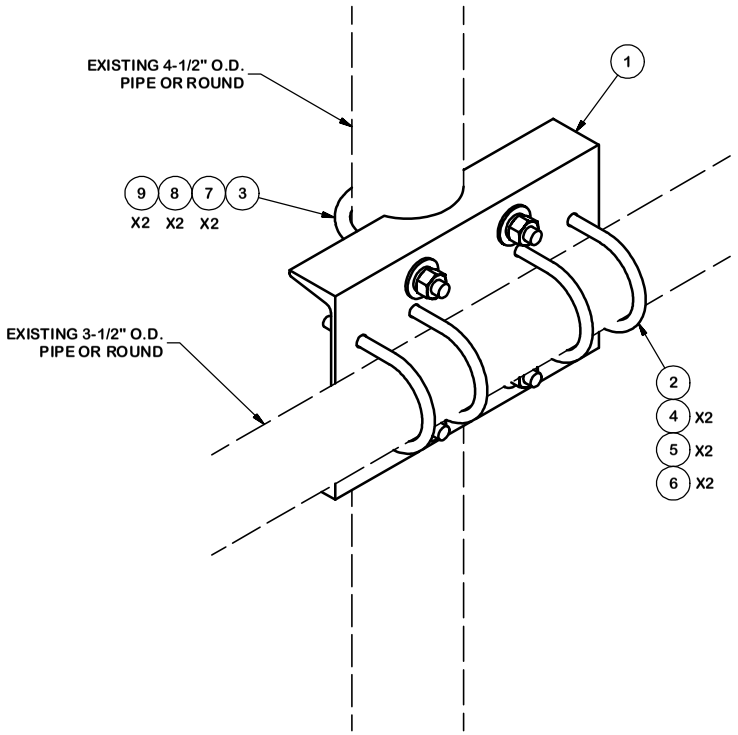
Locations:
New York, NY
Atlanta, GA
Los Angeles, CA
Plymouth, IN
Salem, OR
Dallas, TX

CPD NO.	DRAWN BY	ENG. APPROVAL	PART NO.	PAGE
	JFS 4/22/2020	5/6/2020	R5-REINF	1 OF 1

CLASS	SUB	DRAWING USAGE	CHECKED BY	DWG. NO.
81	02	CUSTOMER	BMC 5/6/2020	R5-REINF

PARTS LIST						
ITEM	QTY	PART NO.	PART DESCRIPTION	LENGTH	UNIT WT.	NET WT.
1	1	X-SP216	LARGE SUPPORT CROSS PLATE		20.83	20.83
2	4	X-UB1358	1/2" X 3-5/8" X 5-1/2" X 3" U-BOLT (HDG.)		0.81	3.24
3	2	X-UB5458	5/8" X 4-5/8" X 7" X 3" U-BOLT (HDG.)		1.61	3.22
4	8	G12NUT	1/2" HDG HEAVY 2H HEX NUT		0.07	0.57
5	8	G12LW	1/2" HDG LOCKWASHER		0.01	0.11
6	8	G12FW	1/2" HDG USS FLATWASHER		0.03	0.27
7	4	G58NUT	5/8" HDG HEAVY 2H HEX NUT		0.13	0.52
8	4	G58LW	5/8" HDG LOCKWASHER		0.03	0.10
9	4	G58FW	5/8" HDG USS FLATWASHER		0.07	0.28
					TOTAL WT. #	28.84





TOLERANCE NOTES

TOLERANCES ON DIMENSIONS, UNLESS OTHERWISE NOTED ARE:
SAWED, SHEARED AND GAS CUT EDGES *(± 0.030")*
DRILLED AND GAS CUT HOLES *(± 0.030")* - NO CONING OF HOLES
LASER CUT EDGES AND HOLES *(± 0.010")* - NO CONING OF HOLES
BENDS ARE ± 1/2 DEGREE
ALL OTHER MACHINING *(± 0.030")*
ALL OTHER ASSEMBLY *(± 0.060")*

REV	DESCRIPTION OF REVISIONS	CPD	BY	DATE
A	REDRAWN IN INV, UPDATED VIEWS & TABLE		KC8	8/17/2012

REVISION HISTORY

PROPRIETARY NOTE:
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DESCRIPTION
PIPE SUPPORT
CROSS PLATE
3-1/2" PIPE AND 4-1/2" PIPE

SITE PRO 1
A valmont COMPANY

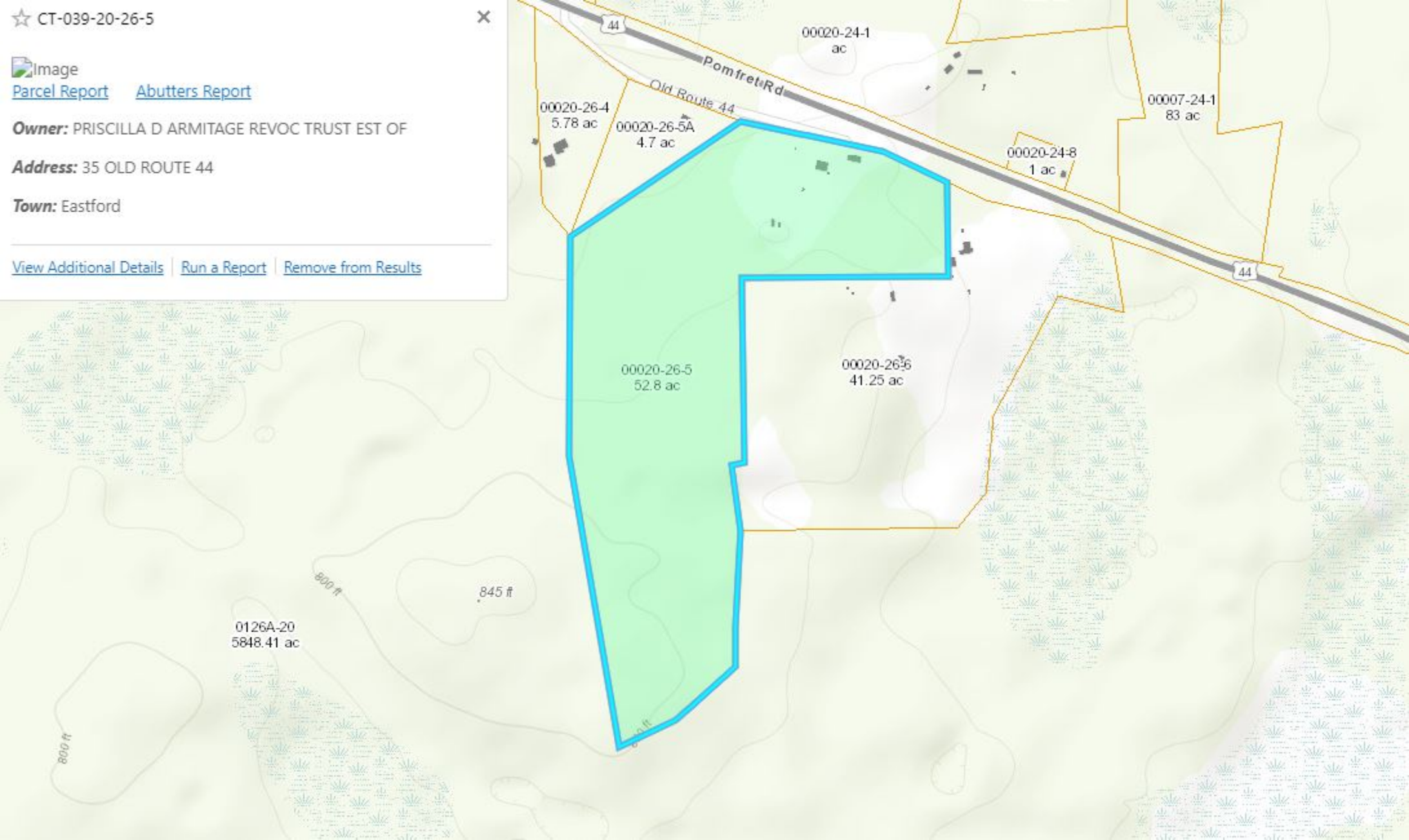
Engineering Support Team:
1-888-753-7446

Locations:
New York, NY
Atlanta, GA
Los Angeles, CA
Plymouth, IN
Salem, OR
Dallas, TX

CPD NO.	DRAWN BY	ENG. APPROVAL	PART NO.
	BMC 6/24/2009		SP216

CLASS	SUB	DRAWING USAGE	CHECKED BY	DWG. NO.
81	01	CUSTOMER	CEK 2/18/2013	SP216

ATTACHMENT 5


CT-039-20-26-5
Image
Parcel Report
Abutters Report
Owner: PRISCILLA D ARMITAGE REVOC TRUST EST OF
Address: 35 OLD ROUTE 44
Town: Eastford
View Additional Details
Run a Report
Remove from Results
44
Pomfret Rd
Old Route 44
00020-24-1
ac
00020-26-4
5.78 ac
00020-26-5A
4.7 ac
00020-24-8
1 ac
00007-24-1
83 ac
00020-26-5
52.8 ac
00020-26-6
41.25 ac
800 ft
845 ft
0126A-20
5848.41 ac
800 ft

neccog

Ashford Brooklyn Canterbury Chaplin Eastford Hampton Killingly Plainfield Pomfret Putnam Scotland Sterling Thompson Union Voluntown Woodstock

Parcel Information:

Report Generated: *10/30/2021 11:42:39 AM*

GIS ID: CT-039-20-26-5

Assessment: $345,100.00

Owner Name: ***PRISCILLA D ARMITAGE REVOC TRUST EST OF***

Appraisal: $563,700.00

Street Address: 35 OLD ROUTE 44

Mailing Address: 35 OLD KIMBALL ROAD
BROOKLYN CT 6234

Land: 52.80

Buildings:

	Land Value:	Improvement Value:	Total Value:
Appraised	$302,700.00	$261,000.00	$563,700.00
Assessed		$182,700.00	$345,100.00

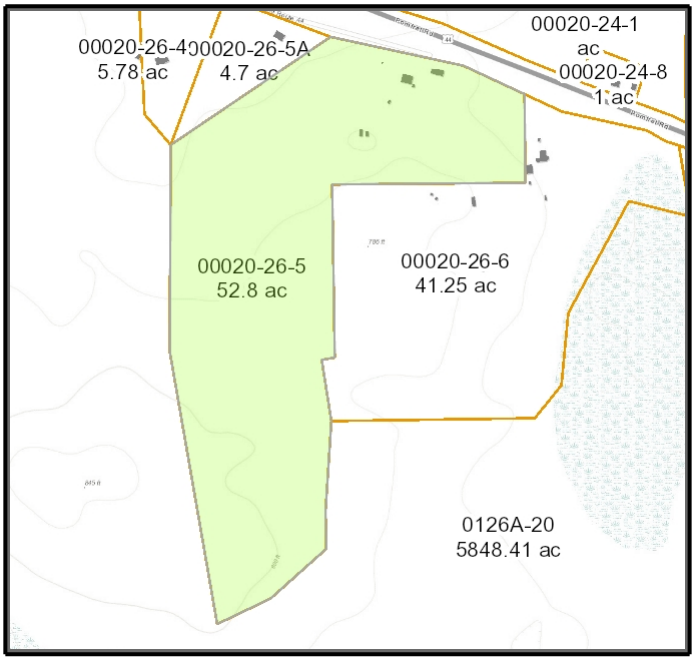
Sale Date:

Sale Price:

Year Built: 1965

Primary Structure Area: 1,764.00 sq. ft.

No Photo Available



This map is a user generated static output from an Internet mapping site and is for reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable.

ATTACHMENT 6

UNITED STATES POSTAL SERVICE®

EASTFORD

Certificate of Mailing — Firm

Name and Address of Sender	TOTAL NO. of Pieces Listed by Sender	TOTAL NO. of Pieces Received at Post Office™	Affix Stamp Here ***Postmark with Date of Receipt.***
Kenneth C. Baldwin, Esq. Robinson & Cole LLP 280 Trumbull Street Hartford, CT 06103	3	3	neopost 11/01/2021 US POSTAGE $002.99 ZIP 06103 041L1220
	Postmaster, per *(name of receiving employee)*		

USPS® Tracking Number / Firm-specific Identifier	Address (Name, Street, City, State, and ZIP Code™)	Postage	Fee	Special Handling	Parcel Airlift
1.	Jacqueline Dubois, First Selectman Town of Eastford 16 Westford Road Eastford, CT 06242	OLD STATE HOUSE STATION 06103 NOV - 1 2021 USPS			
2.	Effie Vinal, Planning Commission Chair Town of Eastford 16 Westford Road Eastford, CT 06242				
3.	Priscilla D. Armitage Revoc Trust 35 Old Kimball Road Brooklyn, CT 06234				
4.					
5.					
6.					