Crown Castle
3 Corporate Park Drive, Suite 101
Clifton Park, NY 12065

September 24, 2021

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

RE: **Notice of Exempt Modification for Verizon:**
Crown Site BU: 876367
1439 Voluntown Road, Griswold, CT 06384
Latitude: 41° 34′ 33.99″/ Longitude: -71° 53′ 16.96″

Dear Ms. Bachman:

Verizon currently maintains twelve (12) total antennas at the 157-foot centerline on the existing 179.5-foot monopole tower, located at 1439 Voluntown Road in Griswold. The property is owned by Robert and Mildred Rose and the tower is owned by Crown Castle. Verizon now intends to remove six (6) diplexers, remove two (2) coax cables, swap six (6) antennas; add three (3) antennas, install six (6) RRHs and one (1) OVP, three (3) side by side antenna mounts; one (1) hybrid cable and mount modifications as shown in design dated August 16, 2021 attached.

Tower modifications:
- Remove six (6) diplexers
- Swap six (6) antennas
- Add three (3) antennas
- Add six (6) RRHs
- Remove six (2) coax cables
- Install one (1) OVP
- Install one (1) hybrid cable
-Install three (3) side by side mounts
- Modify Existing Mount

Ground modifications:
- None

This facility was approved by the Town of Griswold Planning & Zoning Commission on November 8, 1999. This approval was given with conditions which this proposed exempt modification is following.

Please accept this letter as notification pursuant to Regulations of Connecticut State Agencies §16-50j-73, for construction that constitutes an exempt modification pursuant to R.C.S.A. § 16-50j-72(b)(2). In accordance with R.C.S.A. § 16-50j-73, a copy of this letter is being sent to Todd Babbitt, First Selectman for the Town of Griswold, as well as Jack Cipriano, Building and Zoning Enforcement Officer for the Town of Griswold. A copy will also be sent to the property owner.

Additionally:

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

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

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

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

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

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

For the foregoing reasons, Verizon respectfully submits that the proposed modifications to the above-reference telecommunications facility constitutes an exempt modification under R.C.S.A. § 16-50j72(b)(2). Please send approval/rejection letter to my attention at the address listed below.

Sincerely,

S. Snell

Sarah Snell
Site Acquisition Specialist
1800 W. Park Drive
Westborough, MA 01581
T: 508-621-9146
Sarah.Snell@crowncastle.com

Attachments

cc: Todd Babbitt, First Selectman
Town of Griswold
Town Hall
28 Main Street
Jewett City, CT 06351
860-376-7060 ext. 2201

Jack Cipriano, Building & Zoning Enforcement Official
Town of Griswold
Town Hall
28 Main Street
Jewett City, CT 06351

860-376-7060

Robert & Rose Mildred
1439 Voluntown Road
Griswold, CT 06351

Crown Castle, Tower Owner

Snell, Sarah

From: TrackingUpdates@fedex.com
Sent: Monday, September 27, 2021 10:54 AM
To: Snell, Sarah
Subject: FedEx Shipment 284141121789: Your package has been delivered

Hi. Your package was delivered Mon, 09/27/2021 at 10:52am.

Delivered to 28 MAIN ST, JEWETT CITY, CT 06351
Received by A.MINER

OBTAIN PROOF OF DELIVERY

TRACKING NUMBER 284141121789

FROM Sarah Snell
1800 West Park Drive
Suite 200
WESTBOROUGH, MA, US, 01581

TO	Town of Griswold Todd Babbitt, First Selectman 28 Main St. JEWETT CITY, CT, US, 06351
REFERENCE	799001.7680
SHIPPER REFERENCE	799001.7680
SHIP DATE	Fri 9/24/2021 06:47 PM
DELIVERED TO	Receptionist/Front Desk
PACKAGING TYPE	FedEx Envelope
ORIGIN	WESTBOROUGH, MA, US, 01581
DESTINATION	JEWETT CITY, CT, US, 06351
SPECIAL HANDLING	Deliver Weekday
NUMBER OF PIECES	1
TOTAL SHIPMENT WEIGHT	1.00 LB
SERVICE TYPE	FedEx Priority Overnight

Snell, Sarah

From: TrackingUpdates@fedex.com
Sent: Monday, September 27, 2021 11:56 AM
To: Snell, Sarah
Subject: FedEx Shipment 284141357400: Your package has been delivered

Hi. Your package was delivered Mon, 09/27/2021 at 11:55am.

Delivered to 1439 VOLUNTOWN RD, GRISWOLD, CT 06351

OBTAIN PROOF OF DELIVERY

TRACKING NUMBER 284141357400

FROM Sarah Snell
1800 West Park Drive
Suite 200
WESTBOROUGH, MA, US, 01581

TO	Robert & Rose Mildred 1439 Voluntown Road GRISWOLD, CT, US, 06351
REFERENCE	799001.7680
SHIPPER REFERENCE	799001.7680
SHIP DATE	Fri 9/24/2021 06:47 PM
DELIVERED TO	Residence
PACKAGING TYPE	FedEx Envelope
ORIGIN	WESTBOROUGH, MA, US, 01581
DESTINATION	GRISWOLD, CT, US, 06351
SPECIAL HANDLING	Deliver Weekday Residential Delivery
NUMBER OF PIECES	1
TOTAL SHIPMENT WEIGHT	1.00 LB
SERVICE TYPE	FedEx Priority Overnight

Snell, Sarah

From: TrackingUpdates@fedex.com
Sent: Monday, September 27, 2021 10:54 AM
To: Snell, Sarah
Subject: FedEx Shipment 284141185698: Your package has been delivered

Hi. Your package was delivered Mon, 09/27/2021 at 10:52am.

Delivered to 28 MAIN ST, JEWETT CITY, CT 06351
Received by A.MINER

OBTAIN PROOF OF DELIVERY

TRACKING NUMBER 284141185698

FROM Sarah Snell
1800 West Park Drive

	Suite 200 WESTBOROUGH, MA, US, 01581
TO	Town of Griswold Jack Cipriano, Building & Zoning En 28 Main St. JEWETT CITY, CT, US, 06351
REFERENCE	799001.7680
SHIPPER REFERENCE	799001.7680
SHIP DATE	Fri 9/24/2021 06:47 PM
DELIVERED TO	Receptionist/Front Desk
PACKAGING TYPE	FedEx Envelope
ORIGIN	WESTBOROUGH, MA, US, 01581
DESTINATION	JEWETT CITY, CT, US, 06351
SPECIAL HANDLING	Deliver Weekday
NUMBER OF PIECES	1
TOTAL SHIPMENT WEIGHT	1.00 LB
SERVICE TYPE	FedEx Priority Overnight

Exhibit A

Original Facility Approval

876367

TOWER/STRUCTURE REMOVAL BOND

Bond Number: **674013692**
Replaces Bond 6043692
Effective July 17 2008

KNOW ALL MEN BY THESE PRESENTS, THAT **STC Five LLC**, as Principal, and **Liberty Mutual Insurance Company**, a corporation duly organized under the laws of the State of **Massachusetts**, as Surety, are held and firmly bound unto **Town of Town of Griswold- Town Hall, 28 Main Street, Griswold, CT 06351**, as Obligee, in the sum of **Twenty Nine Thousand And 00/100** Dollars **($29,000.00)** lawful money of the United States, for the payment of which, well and truly to be made, we bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents, the liability of the Surety being limited to the penal sum of this bond regardless of the number of years the bond is in effect.

WHEREAS the Principal has entered into a written agreement with the property owner for the placement of a tower or structure furnishing telephone, television or other electronic media service, which agreement sets forth the terms and conditions which govern the use of such towers or structures and which agreement is hereby specifically referred to and made part hereof, and

WHEREAS, the **Town of Griswold, CT** requires the submission of a bond guaranteeing the maintenance, replacement, removal or relocation of said tower or structure located at **1439 Voluntown Rd., Griswold, CT 06351- Site ID# CT33XC011.**

NOW THEREFORE, the condition of this obligation is such, that if the above bounden Principal shall perform in accordance with the aforesaid ordinance and/or agreement, and indemnify the Obligee against all loss caused by Principal's breech of any ordinance or agreement relating to maintenance, replacement, removal or relocations of a tower or structure, then this obligation shall be void, otherwise to remain in full force and effect unless cancelled as set forth below.

THIS BOND may be cancelled by Surety by giving thirty (30) days written notice to the Obligee. Such cancellation shall not affect any liability the Surety may have or incurred under this bond prior to the effective date of the termination. Provided that no action, suit or proceeding shall be maintained against the Surety on this bond unless action is brought within twelve (12) months of the cancellation date of this bond.

THIS BOND signed, sealed, dated on the **20th** day of **June, 2008**. This bond is effective the **17th** day of **July, 2008**.

STC Five LLC

By: _____ Principal
George A. Liddy
Manager, Risk Management

Liberty Mutual Insurance Company

By: _____ Surety
Kristy M Barber, Attorney-In-Fact

2295272

THIS POWER OF ATTORNEY IS NOT VALID UNLESS IT IS PRINTED ON RED BACKGROUND.

This Power of Attorney limits the acts of those named herein, and they have no authority to bind the Company except in the manner and to the extent herein stated.

LIBERTY MUTUAL INSURANCE COMPANY
BOSTON, MASSACHUSETTS
POWER OF ATTORNEY

KNOW ALL PERSONS BY THESE PRESENTS: That Liberty Mutual Insurance Company (the "Company"), a Massachusetts stock insurance company, pursuant to and by authority of the By-law and Authorization hereinafter set forth, does hereby name, constitute and appoint

PAIGE M. TURNER, ROY R. YANCEY, KEITH A. STILES, MICHAEL J. GRANACHER, KRISTY M. BARBER, ALL OF THE CITY O KANSAS CITY, STATE OF MISSOURI

, each individually if there be more than one named, its true and lawful attorney-in-fact to make, execute, seal, acknowledge and deliver, for and on its behalf as surety and as its act and deed, any and all undertakings, bonds, recognizances and other surety obligations in the penal sum not exceeding FIFTY MILLION AND 00/100********** DOLLARS ($ 50,000,000.00*****) each, and the execution of such undertakings, bonds, recognizances and other surety obligations, in pursuance of these presents, shall be as binding upon the Company as if they had been duly signed by the president and attested by the secretary of the Company in their own proper persons.

That this power is made and executed pursuant to and by authority of the following By-law and Authorization:

ARTICLE XIII - Execution of Contracts; Section 5. Surety Bonds and Undertakings.
Any officer of the Company authorized for that purpose in writing by the chairman or the president, and subject to such limitations as the chairman or the president may prescribe, shall appoint such attorneys-in-fact, as may be necessary to act in behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations. Such attorneys-in-fact, subject to the limitations set forth in their respective powers of attorney, shall have full power to bind the Company by their signature and execution of any such instruments and to attach thereto the seal of the Company. When so executed such instruments shall be as binding as if signed by the president and attested by the secretary.

By the following instrument the chairman or the president has authorized the officer or other official named therein to appoint attorneys-in-fact:

Pursuant to Article XIII, Section 5 of the By-Laws, Garnet W. Elliott, Assistant Secretary of Liberty Mutual Insurance Company, is hereby authorized to appoint such attorneys-in-fact as may be necessary to act in behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations.

That the By-law and the Authorization set forth above are true copies thereof and are now in full force and effect.

IN WITNESS WHEREOF, this Power of Attorney has been subscribed by an authorized officer or official of the Company and the corporate seal of Liberty Mutual Insurance Company has been affixed thereto in Plymouth Meeting, Pennsylvania this 28th day of February, 2008.

LIBERTY MUTUAL INSURANCE COMPANY

By _____
Garnet W. Elliott, Assistant Secretary

COMMONWEALTH OF PENNSYLVANIA ss
COUNTY OF MONTGOMERY

On this 28th day of February, 2008, before me, a Notary Public, personally came Garnet W. Elliott, to me known, and acknowledged that he is an Assistant Secretary of Liberty Mutual Insurance Company; that he knows the seal of said corporation; and that he executed the above Power of Attorney and affixed the corporate seal of Liberty Mutual Insurance Company thereto with the authority and at the direction of said corporation.

IN TESTIMONY WHEREOF, I have hereunto subscribed my name and affixed my notarial seal at Plymouth Meeting, Pennsylvania, on the day and year first above written.

COMMONWEALTH OF PENNSYLVANIA
Notarial Seal
Teresa Pastella, Notary Public
Plymouth Twp., Montgomery County
My Commission Expires Mar. 28, 2009
Member, Pennsylvania Association of Notaries

By _____
Teresa Pastella, Notary Public

CERTIFICATE

I, the undersigned, Assistant Secretary of Liberty Mutual Insurance Company, do hereby certify that the original power of attorney of which the foregoing is a full, true and correct copy, is in full force and effect on the date of this certificate; and I do further certify that the officer or official who executed the said power of attorney is an Assistant Secretary specially authorized by the chairman or the president to appoint attorneys-in-fact as provided in Article XIII, Section 5 of the By-laws of Liberty Mutual Insurance Company.

This certificate and the above power of attorney may be signed by facsimile or mechanically reproduced signatures under and by authority of the following vote of the board of directors of Liberty Mutual Insurance Company at a meeting duly called and held on the 12th day of March, 1980.

VOTED that the facsimile or mechanically reproduced signature of any assistant secretary of the company, wherever appearing upon a certified copy of any power of attorney issued by the company in connection with surety bonds, shall be valid and binding upon the company with the same force and effect as though manually affixed.

IN TESTIMONY WHEREOF, I have hereunto subscribed my name and affixed the corporate seal of the said company, this 20th day of June, 2008.

By _____
David M. Carey, Assistant Secretary

Not valid for mortgage, note, loan, letter of credit, bank deposit, currency rate, interest rate or residual value guarantees.

To confirm the validity of this Power of Attorney call

Removal Bond

FYI

Wappinges Falls
876367

Town of Griswold

28 Main Street
Griswold, CT 06351
Phone (860) 376-7060, Fax (860) 376-7070

9/11/2008

To: Laura Tangenny - Wireless Planning Services FAX 863-644-6191

From: Carl Fontneau Cover + 2

Re: A Hanked Copy of Tower Removal Bond effective July 17, 2008.

As I mentioned over the phone, earlier, the Connecticut Siting Council has seized jurisdiction for new towers, modification to, or co-locations to wireless tower across the state rather than previously when they were through local zoning regulations.

Regards Carl

File: 10226/22676.011 42
cc: Susan Lester, CEM.

Town of Griswold

TOWN HALL, 32 SCHOOL STREET
JEWETT CITY, CONNECTICUT 06351

SELECTMEN	376-7061
ASSESSOR	376-7071
TAX COLLECTOR	376-7068
SOCIAL SERVICES	376-7067
PUBLIC HEALTH NURSES	376-7077

RECEIVED
NOV 24 1999

TOWN CLERK	376-7063
BUILDING INSPECTOR	376-7065
PLANNING & ZONING	376-7073
BOOKKEEPING	376-7074
SANITARIAN	376-7065

PLANNING & ZONING COMMISSION

November 22, 1999

CERTIFIED MAIL: Z 307 858 482
RETURN RECEIPT REQUESTED

Sprint Spectrum
9 Barnes Industrial Road
Wallingford, CT 06492

Re: Sprint Spectrum, LP, Special Exception Application SE 3-00
and Zoning Permit Application ZP 6-00
1439 Voluntown Road, Griswold, CT

Gentlemen:

The Griswold Planning & Zoning Commission, at its Regular Meeting held on November 8, 1999, reviewed the above-referenced applications to erect a 190 ft telecommunications tower and support facilities at 1439 Voluntown Road in accordance with Section 11.19 of the Griswold Zoning Regulations.

Following a public hearing and a discussion on the proposed facility, the commission unanimously voted to approve applications SE 3-00 and ZP 6-00 with the following conditions:

1. The proposed equipment cabinets shall be designed to stand alone or shall be placed in a structure that conforms to Section 11.19.3.n. of the Griswold Zoning Regulations. The metal roof structure over the equipment cabinets as proposed is not permitted by the Regulations and, therefore, must be removed from the site plan.

2. A $29,000.00 cash bond shall be made payable to the Treasurer of the Town of Griswold in accordance with Section 11.19.7 of the Griswold Zoning Regulations.

Please be advised that it will be necessary for your engineer to file one set of fixed line mylars, one set of regular mylars, and five sets of paper prints with the above-noted corrections and with original seals and signatures for endorsement by the undersigned.

Should you have any questions regarding the above, please contact Mario J. Tristany, Jr., at (860)376-7084.

Very truly yours,

F. Clyde Seaman
Chairman

cc: Atty. Tom Regan, Brown, Rudnick, Freed & Gesmer, P.C.
Donald Duthaler, P.E., O'Brien & Geer Engineers, Inc.

Exhibit B

Property Card

qPublic.net™ Town of Griswold, CT

Summary

ParcelId	100036
Account Number	R0359301
Location Address	1439 A VOLUNTOWN RD
Map-Block-Lot	61 /113 /11A
Use Class/Description	4310 TEL REL TW
Assessing Neighborhood	0050A
Census Tract	
Acreage	0.08
Utilities	

Owner

ROSE ROBERT E & MILDRED
PMB 331
4017 WASHINGTON RD MCMURRAY, PA 15317

Current Appraised Value

		2017	2015
+	Building Value	$0	$0
+	XF Value	$0	$0
+	OB Value	$102,200	$102,288
+	Land Value	$162,000	$150,000
+	Special Land Value		
+	Total Appraised Value	$264,200	$252,288
+	Net Appraised Value	$264,200	$252,288
+	Current Assessment	$184,940	$176,602

Assessment History

		2017	2015
+	Building Value	$0	$0
+	OB/Misc	$71,540	$71,602
+	Land	$113,400	$105,000
+	Total Assessment	$184,940	$176,602

Land

Use	Class	Zoning	Area	Value
4310 TEL REL TW	I	r80	3600 SF	$162,000

Out Buildings\Extra Features

Description	Sub Description	Area	Year Built	Value
CELL TOWER		180HEIGHT	2000	$81,000
CONC PAD/CELL SITES		170S.F.	2000	$200
CELL EQUIP SHELTER		360S.F.	2007	$18,000
FENCE-8' CHAIN		255L.F.	2000	$3,000
CONC PAD/CELL SITES		35S.F.	2005	$0
CONC PAD/CELL SITES		35S.F.	2005	$0

Sales History

Sales Date	Type of Document	Grantee	Vacant/Improved	Book/Page	Amount
11-30-1976		ROSE ROBERT E & MILDRED	Vacant	080/ 040	$0

Permit Information

Permit ID	Issue Date	Type	Description	Amount	Inspection Date	% Complete	Date Complete	Comments
134-19	11-14-2018	MN	MAINTENANCE	$20,000		100	03-28-2019	CC#-223-19. SPRINT TO REMOVE AND REPLACE SIX ANTENNAS AND ADD TWELVE REMOTE RADIO HEADS ON EXISTING SITE
366-16	01-27-2016	AD	ADDITION	$15,000		0		REPLACE ANTENNA PANELS & RADIO HEADS
109-13	12-19-2012	AD	NEW ANT/EQUIP	$25,000		100	01-30-2014	68-14 CC
110-13	12-19-2012	MN	MAINTENANCE	$8,000		100	01-30-2014	67-14 CC
197-09	01-22-2009	AD	Addition	$15,000		100	07-13-2009	FINAL INSP
92-08	09-13-2007	AD	CELL ANTENNA	$150,000		100	04-02-2008	68-14 CC
172-99	02-24-2000	CM	Commercial	$0		100	09-30-2000	TOWER

Sketch

Photos

No data available for the following modules: Building Data, Building Data, Commercial Building.

Developed by Schneider GEOSPATIAL

Last Data Upload: 3/16/2021, 8:47:46 PM

Version 2.3.112

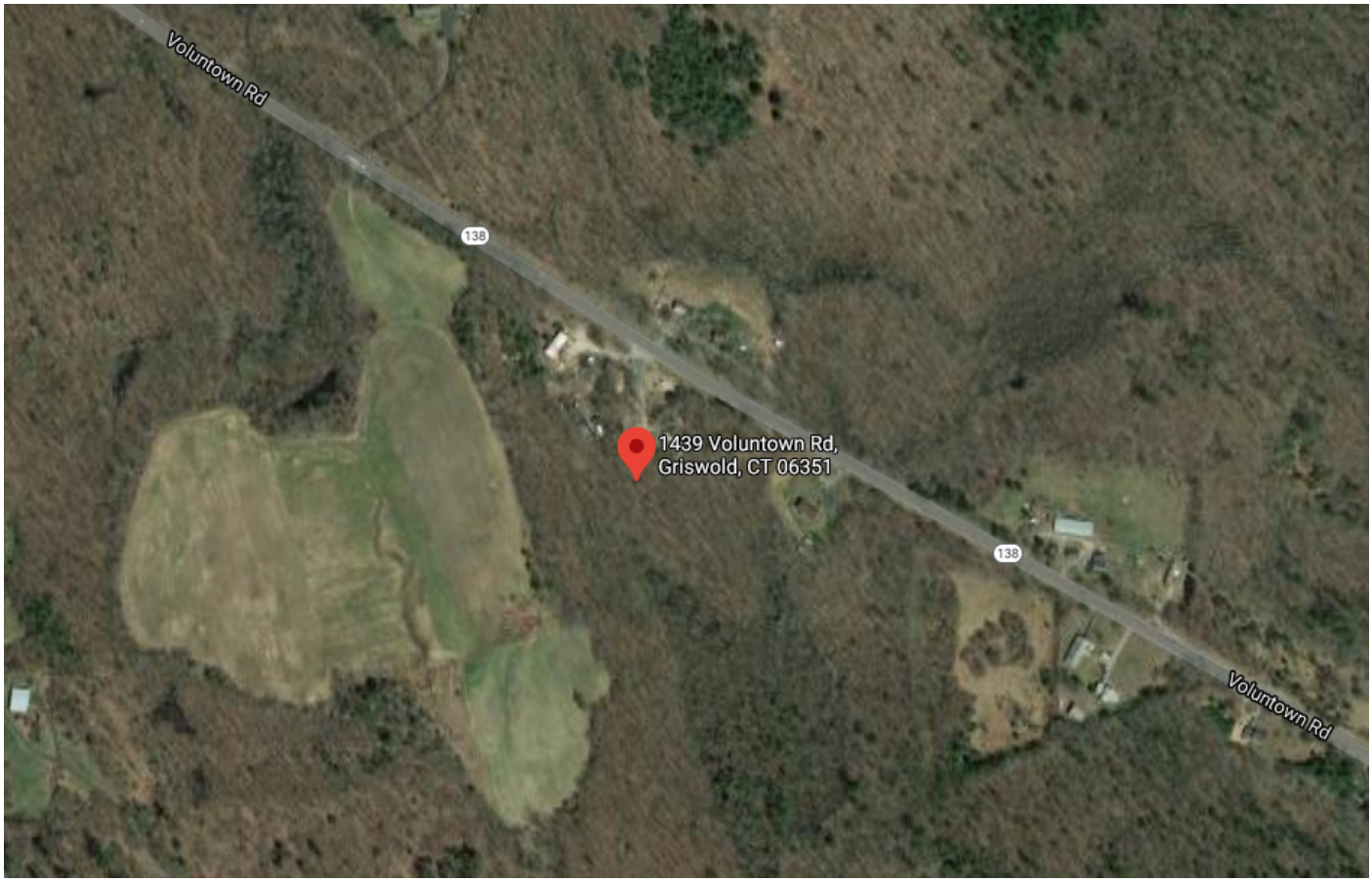


Exhibit C

Construction Drawings

verizon

VERIZON SITE NUMBER: 467554
VERIZON SITE NAME: GRISWOLD EAST CT
SITE TYPE: MONOPOLE
TOWER HEIGHT: 179'-6"

BUSINESS UNIT #: 876367
SITE ADDRESS: 1439 VOLUNTOWN RD GRISWOLD, CT 06384
COUNTY: NEW LONDON
JURISDICTION: CONNECTICUT SITING COUNCIL

VERIZON 5G L-SUB6 - CARRIER ADD

SITE INFORMATION

CROWN CASTLE USA INC. SITE NAME:	WAPPINGERS FALLS / BOB'S ANTIQ
SITE ADDRESS:	1439 VOLUNTOWN RD GRISWOLD, CT 06384
COUNTY:	NEW LONDON
MAP/PARCEL #:	58-61-113-11
AREA OF CONSTRUCTION:	EXISTING
LATITUDE:	41.576242°
LONGITUDE:	-71.887615°
LAT/LONG TYPE:	NAD83
GROUND ELEVATION:	301'-0"
CURRENT ZONING:	R80
JURISDICTION:	CONNECTICUT SITING COUNCIL
OCCUPANCY CLASSIFICATION:	U
TYPE OF CONSTRUCTION:	IIB
A.D.A. COMPLIANCE:	FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION
PROPERTY OWNER:	ROSE ROBERT E & MILDRED 1440 VOLUNTOWN ROAD GRISWOLD, CT 06351
TOWER OWNER:	CROWN CASTLE 2000 CORPORATE DRIVE CANONSBURG, PA 15317
CARRIER/APPLICANT:	VERIZON WIRELESS 20 ALEXANDER DRIVE, 2ND FLOOR WALLINGFORD, CT 06492
ELECTRIC PROVIDER:	NOT AVAILABLE
TELCO PROVIDER:	NOT AVAILABLE

PROJECT TEAM

A&E FIRM:	B+T GROUP 1717 S. BOULDER AVE. TULSA, OK 74119 MARVIN PHILLIPS marvin.phillips@btgrp.com
CROWN CASTLE USA INC. DISTRICT CONTACTS:	3 CORPORATE PARK DRIVE, SUITE 101 CLIFTON PARK, NY 12065
VERIZON CONTACT:	ANDREW LEONE ALEONE@STRUCTURECONSULTING.NET

DRAWING INDEX

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

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

APPROVALS

SIGNATURE	DATE

CONTRACTOR PMI REQUIREMENTS

PMI ACCESSED AT	https://pmi.vzwsmart.com
SMART TOOL VENDOR PROJECT NUMBER	10094223
VzW LOCATION CODE (PSLC)	16272170

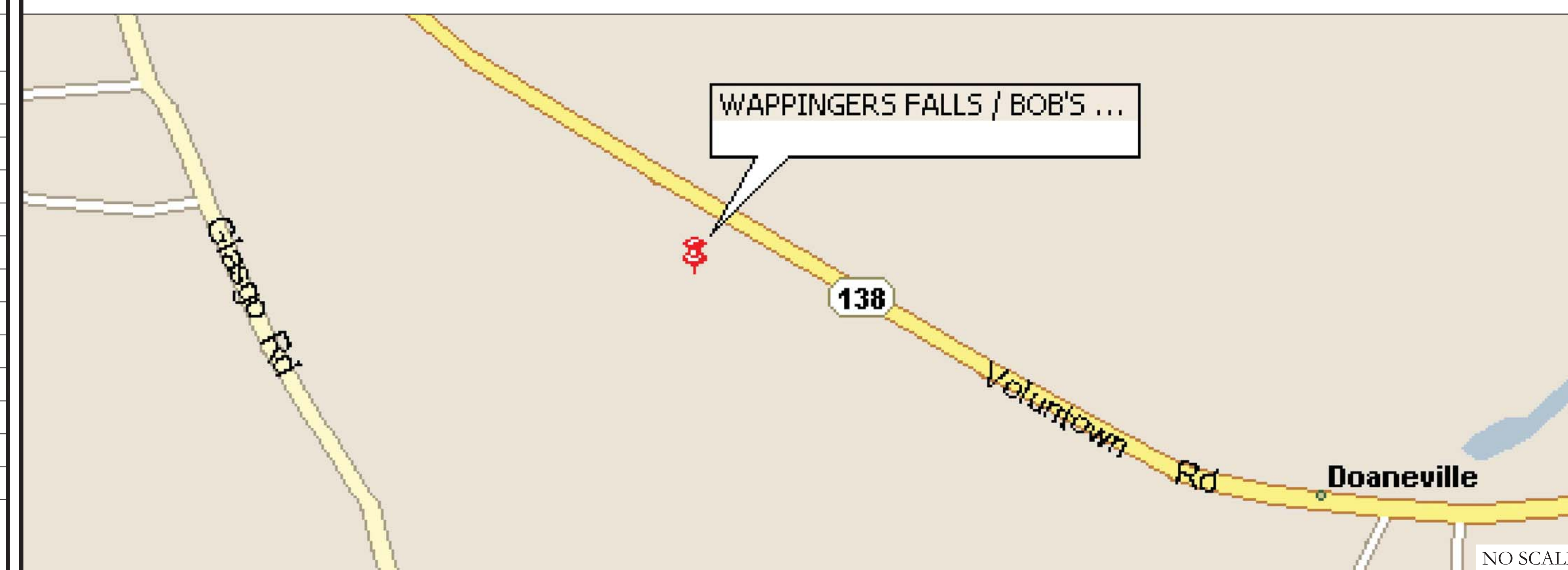
*** PMI AND REQUIREMENTS ALSO EMBEDDED IN MOUNT ANALYSIS REPORT

MOUNT MODIFICATION REQUIRED	Y

VzW APPROVED SMART KIT VENDORS

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

LOCATION MAP



DRIVING DIRECTIONS FROM BRADLEY INTERNATIONAL AIRPORT :
CONTINUE TO BRADLEY INTERNATIONAL AIRPORT CON TAKE I-91 S, CT-2 E AND I-395 N TO GRISWOLD EXPY IN GRISWOLD. TAKE EXIT 22 FROM I-395 N DRIVE TO CT-138 E. CONTINUE STRAIGHT ONTO GRISWOLD EXPY, TURN RIGHT ONTO CT-138 E.

APPLICABLE CODES/REFERENCE DOCUMENTS

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

CODE TYPE	CODE
BUILDING	2015 IBC W/AMENDMENTS
MECHANICAL	2015 IMC W/AMENDMENTS
ELECTRICAL	2015 NEC W/AMENDMENTS

REFERENCE DOCUMENTS:

STRUCTURAL ANALYSIS:	BLACK & VEATCH CORP.
DATED:	8/20/21
MOUNT ANALYSIS/ MODIFICATION DESIGN:	MASER CONSULTING CONNECTICUT
DATED:	8/16/21
RFDS REVISION:	-
DATED:	7/28/21
ORDER ID:	583754
REVISION:	0

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

811

PROJECT DESCRIPTION

THE PURPOSE OF THIS PROJECT IS TO ENHANCE BROADBAND CONNECTIVITY AND CAPACITY TO THE EXISTING ELIGIBLE WIRELESS FACILITY.

TOWER SCOPE OF WORK:
- REMOVE (6) ANTENNAS
- REMOVE (2) COAX CABLES (1-5/8")
- REMOVE (6) DIPLEXERS
- INSTALL (9) ANTENNAS
- INSTALL (6) RADIOS
- INSTALL (1) OVP
- INSTALL (3) SIDE BY SIDE ANTENNA MOUNTS
- INSTALL (1) HYBRID CABLE (12X24)
- INSTALL MOUNT MODIFICATIONS PER MOUNT MODIFICATION DESIGN BY MASER CONSULTING CONNECTICUT DATED AUGUST 16, 2021

GROUND SCOPE OF WORK
- REMOVE (3) RADIOS

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

verizon
180 WASHINGTON VALLEY ROAD
BEDMINSTER, NJ 07921

CROWN CASTLE
3 CORPORATE PARK DRIVE, SUITE 101
CLIFTON PARK, NY 12065

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

VERIZON SITE NUMBER:
467554

BU #: 876367
WAPPINGERS FALLS / BOB'S ANTIQ

1439 VOLUNTOWN RD
GRISWOLD, CT 06384

EXISTING 179'-6"
MONOPOLE

ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	DES./QA
0	9/2/21	HN/VP	CONSTRUCTION	JHW

STATE OF CONNECTICUT PROFESSIONAL ENGINEER No. 23924 LICENSED 9/2/21

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

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

SHEET NUMBER:	REVISION:
T-1	0

CROWN CASTLE USA INC. SITE ACTIVITY REQUIREMENTS:

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

GENERAL NOTES:

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

CONCRETE, FOUNDATIONS, AND REINFORCING STEEL:

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

ELECTRICAL INSTALLATION NOTES:

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

CONDUCTOR COLOR CODE

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

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

APWA UNIFORM COLOR CODE:

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

ABBREVIATIONS:

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

GREENFIELD GROUNDING NOTES:

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

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SUITE 300
TULSA, OK 74119
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www.btgrp.com

VERIZON SITE NUMBER:
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BU #: **876367**
WAPPINGERS FALLS / BOB'S ANTIQ

1439 VOLUNTOWN RD
GRISWOLD, CT 06384

EXISTING 179'-6"
MONOPOLE

ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	DES./QA
0	9/2/21	HN/VP	CONSTRUCTION	JHW

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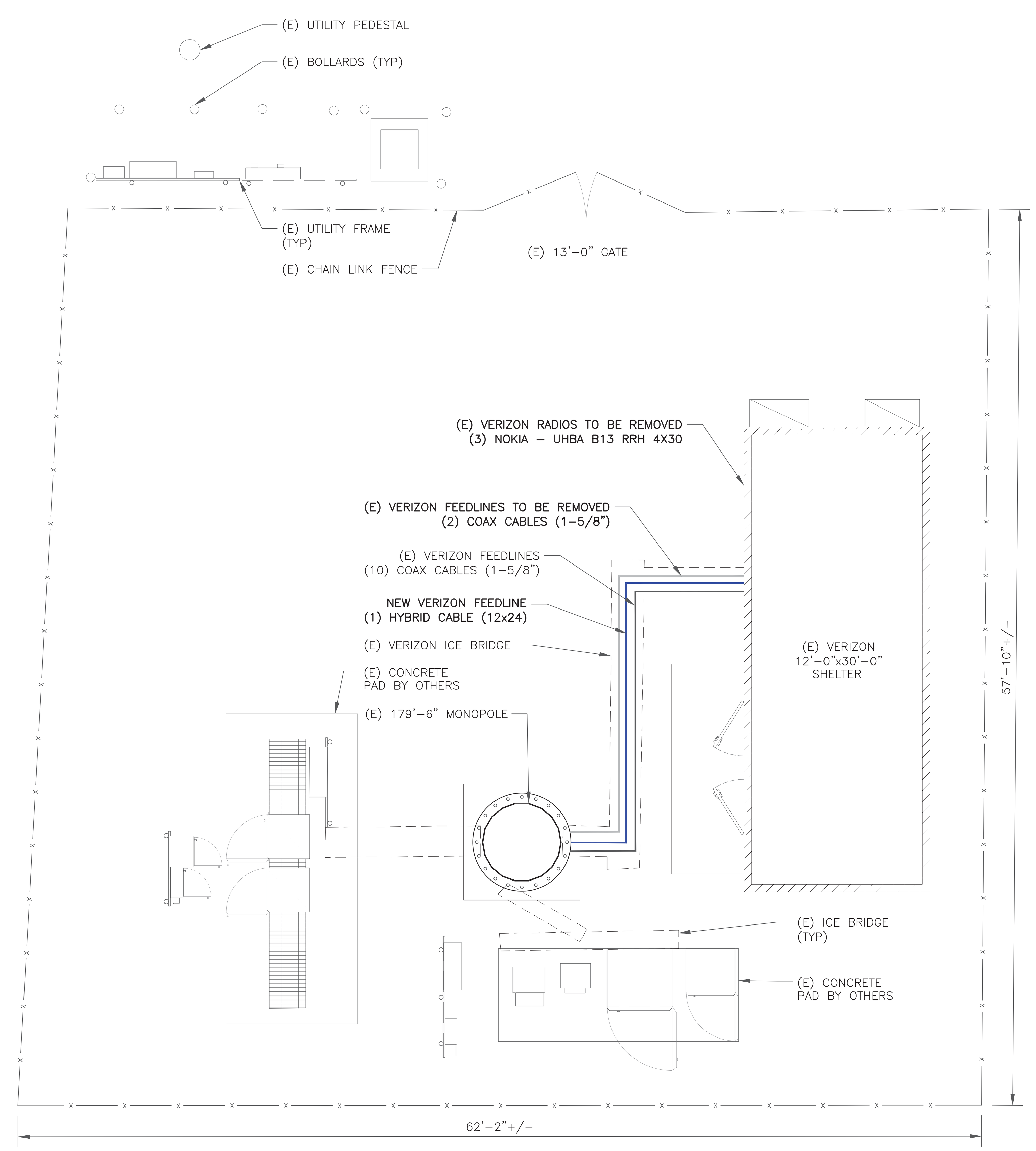
SHEET NUMBER: **T-2**
REVISION: **0**



1 SITE PLAN
SCALE: 4' 2' 0 4' 3/16"=1'-0" (FULL SIZE) 3/32"=1'-0" (11x17)

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EXISTING 179'-6" MONOPOLE

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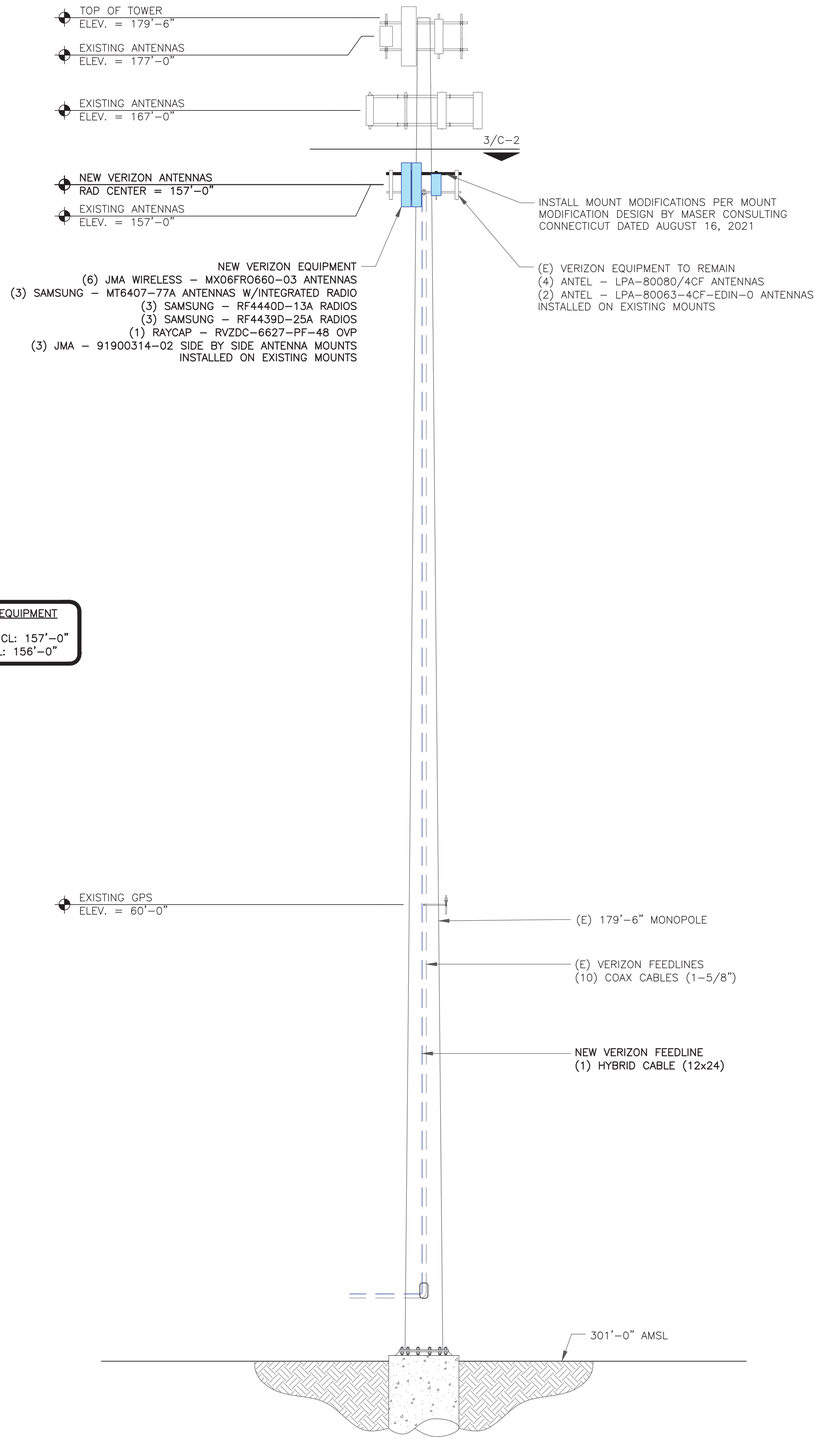
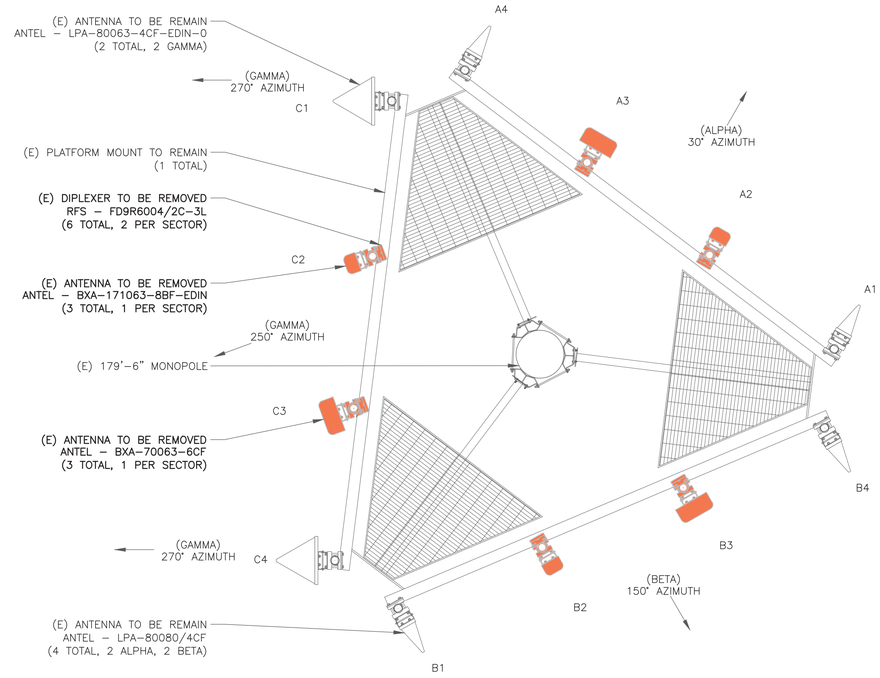


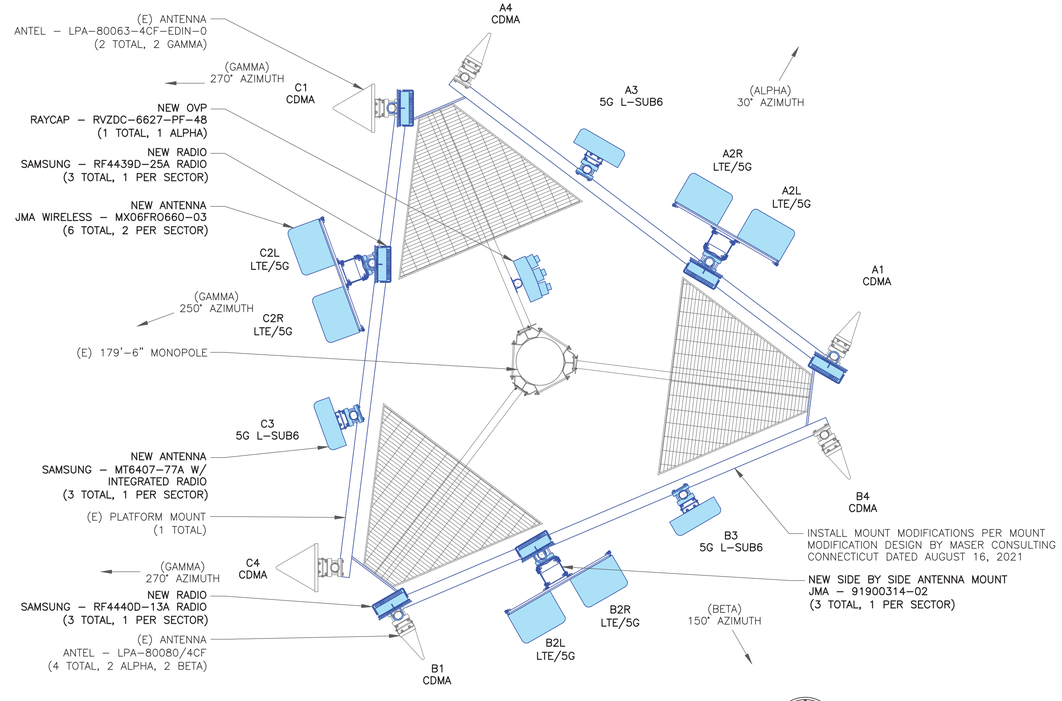
VERIZON EQUIPMENT

ANTENNA CL: 157'-0"
MOUNT CL: 156'-0"

1 TOWER ELEVATION
SCALE: NOT TO SCALE



2 EXISTING ANTENNA PLAN
SCALE: NOT TO SCALE



3 NEW ANTENNA PLAN
SCALE: NOT TO SCALE

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STATE OF CONNECTICUT
GREG MASER
No. 23924
LICENSED
PROFESSIONAL ENGINEER
9/2/21

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SHEET NUMBER: C-2

REVISION: 0

147464.004.01_WAPPINGERS FALLS_BOB'S ANTIQ.dwg — Sheet:C-2 — User: jackie.weeter — Sep 02, 2021 — 8:34am

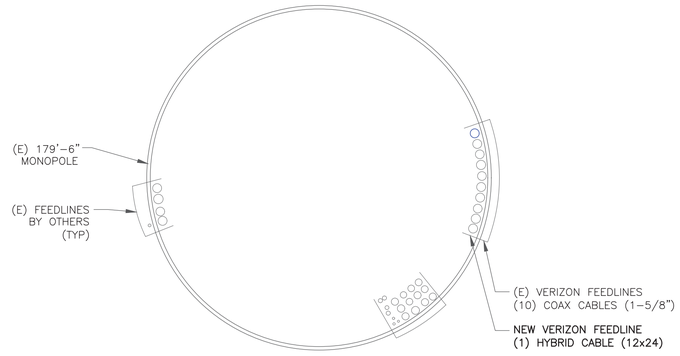
ANTENNA/RRH SCHEDULE

SECTOR	STATUS	ANTENNA MANUFACTURER	ANTENNA MODEL	ANTENNA CENTERLINE	AZIMUTH	MECHANICAL DOWNTILTS	ELECTRICAL DOWNTILTS	TOWER EQUIPMENT MANUFACTURER	TOWER EQUIPMENT QTY/MODEL
A1	EXISTING	ANTEL	LPA-80080/4CF	157'-0"	30°	0°	0°	–	–
A2L	NEW	JMA WIRELESS	MX06FRO660-03	157'-0"	30°	0°	2°/4°/4°/2°	SAMSUNG	(1) RF4440D-13A
A2R	NEW	JMA WIRELESS	MX06FRO660-03	157'-0"	30°	0°	2°/4°/4°/2°	SAMSUNG	(1) RF4439D-25A
A3	NEW	SAMSUNG	MT6407-77A	157'-0"	30°	0°	6°	–	–
A4	EXISTING	ANTEL	LPA-80080/4CF	157'-0"	30°	0°	0°	–	–
B1	EXISTING	ANTEL	LPA-80080/4CF	157'-0"	150°	0°	0°	–	–
B2L	NEW	JMA WIRELESS	MX06FRO660-03	157'-0"	150°	0°	2°/4°/4°/2°	SAMSUNG	(1) RF4440D-13A
B2R	NEW	JMA WIRELESS	MX06FRO660-03	157'-0"	150°	0°	2°/4°/4°/2°	SAMSUNG	(1) RF4439D-25A
B3	NEW	SAMSUNG	MT6407-77A	157'-0"	150°	0°	6°	–	–
B4	EXISTING	ANTEL	LPA-80080/4CF	157'-0"	150°	0°	0°	–	–
C1	EXISTING	ANTEL	LPA-80063-4CF-EDIN-0	157'-0"	270°	0°	0°	–	–
C2L	NEW	JMA WIRELESS	MX06FRO660-03	157'-0"	250°	0°	5°/5°/5°/2°	SAMSUNG	(1) RF4440D-13A
C2R	NEW	JMA WIRELESS	MX06FRO660-03	157'-0"	250°	0°	5°/5°/5°/2°	SAMSUNG	(1) RF4439D-25A
C3	NEW	SAMSUNG	MT6407-77A	157'-0"	250°	0°	6°	–	–
C4	EXISTING	ANTEL	LPA-80063-4CF-EDIN-0	157'-0"	270°	0°	0°	–	–

1 VERIZON TOWER EQUIPMENT SCHEDULE
SCALE: NOT TO SCALE

CABLE SCHEDULE

STATUS	CABLE TYPE	SIZE	LENGTH	QTY
EXISTING	COAX	1-5/8"	207'-0"±	10
NEW	HYBRID	12x24	207'-0"±	1
TOTAL CABLE QTY:				11



2 BASE LEVEL DETAIL
SCALE: NOT TO SCALE

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EXISTING 179'-6"
MONOPOLE

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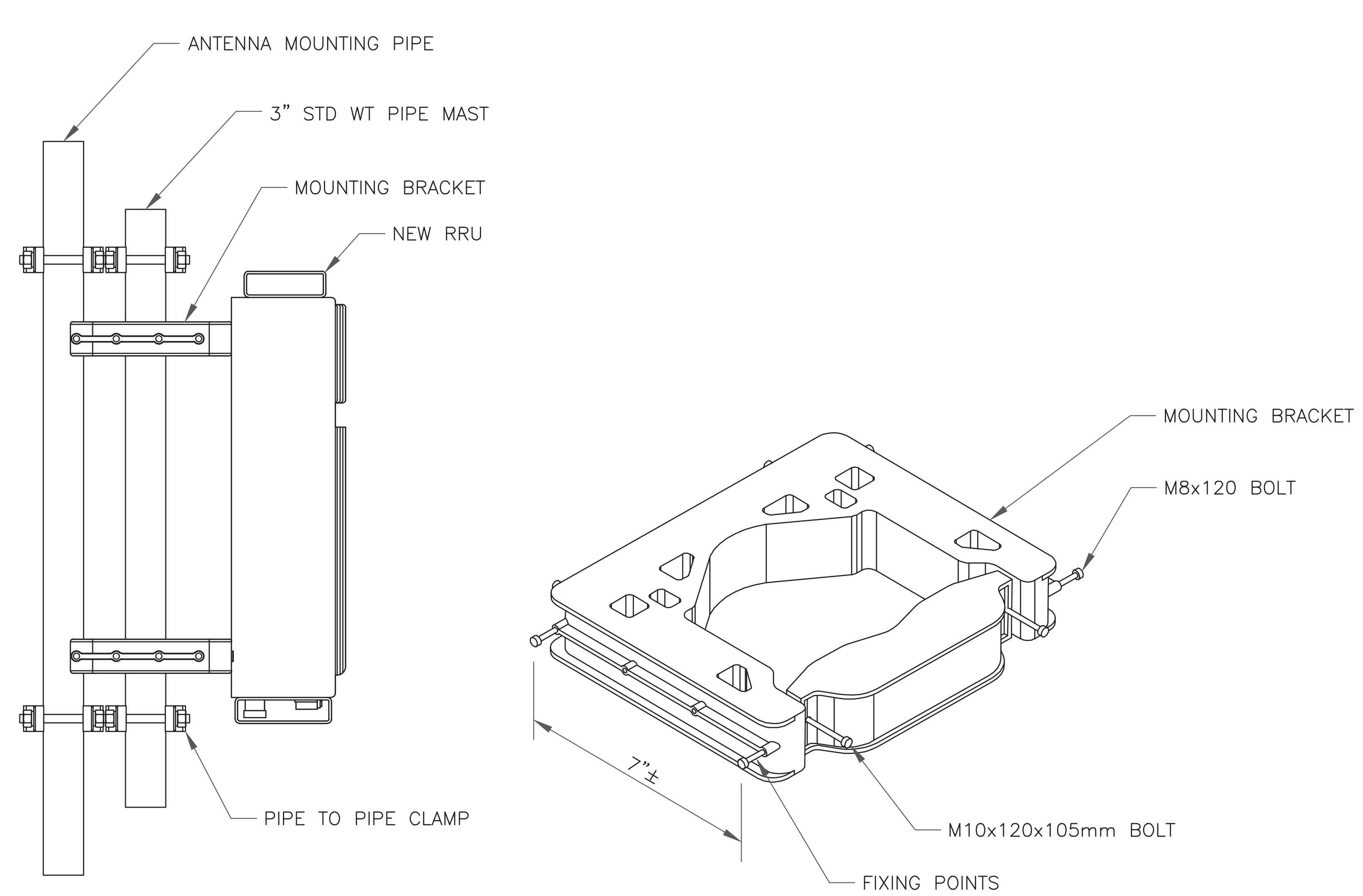
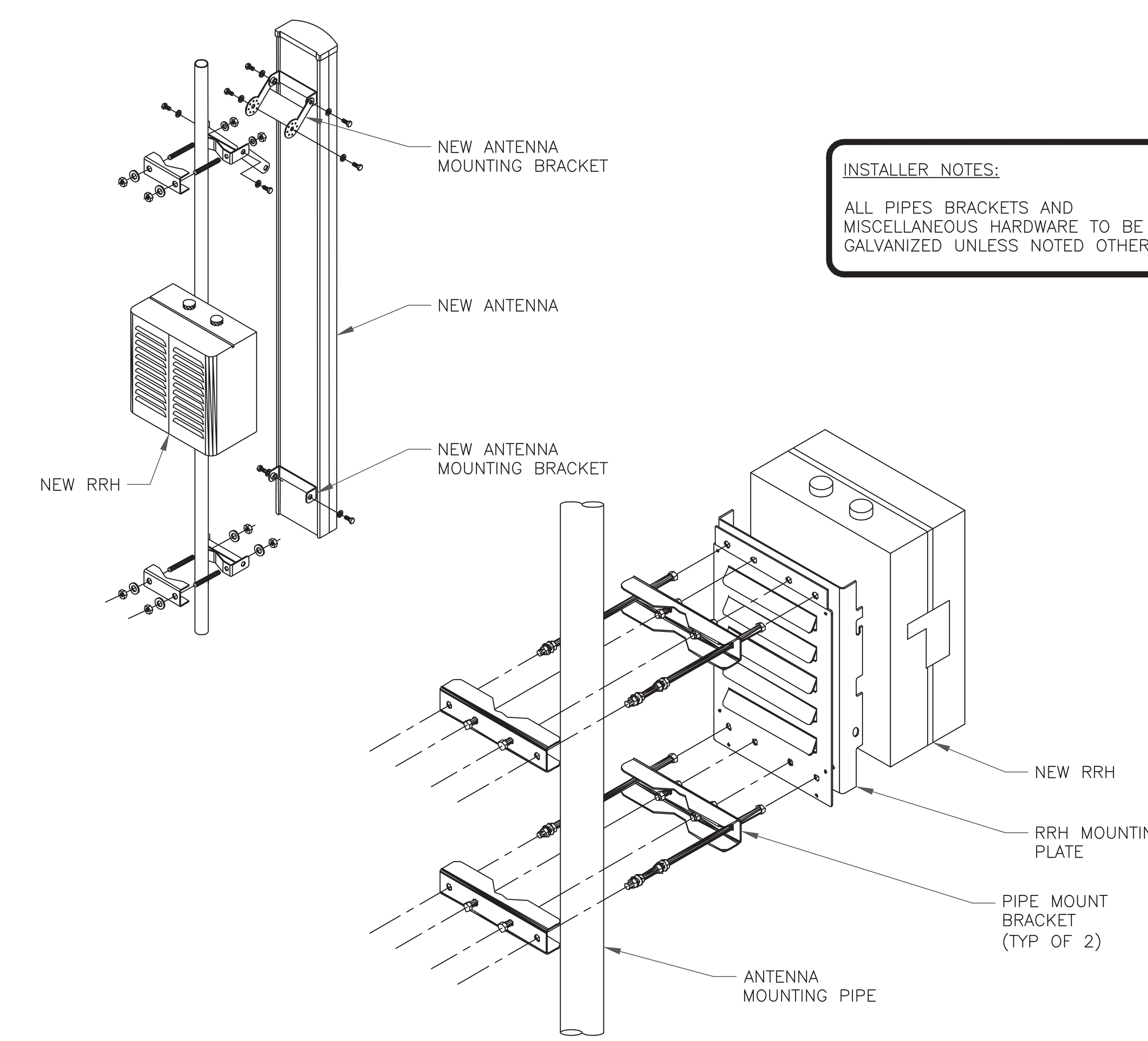
1 NOT USED
SCALE: NOT TO SCALE

2 NOT USED
SCALE: NOT TO SCALE



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



INSTALLER NOTES:

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

4 ANTENNA & RRH MOUNTING DETAIL
SCALE: NOT TO SCALE

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SHEET NUMBER: C-4
REVISION: 0

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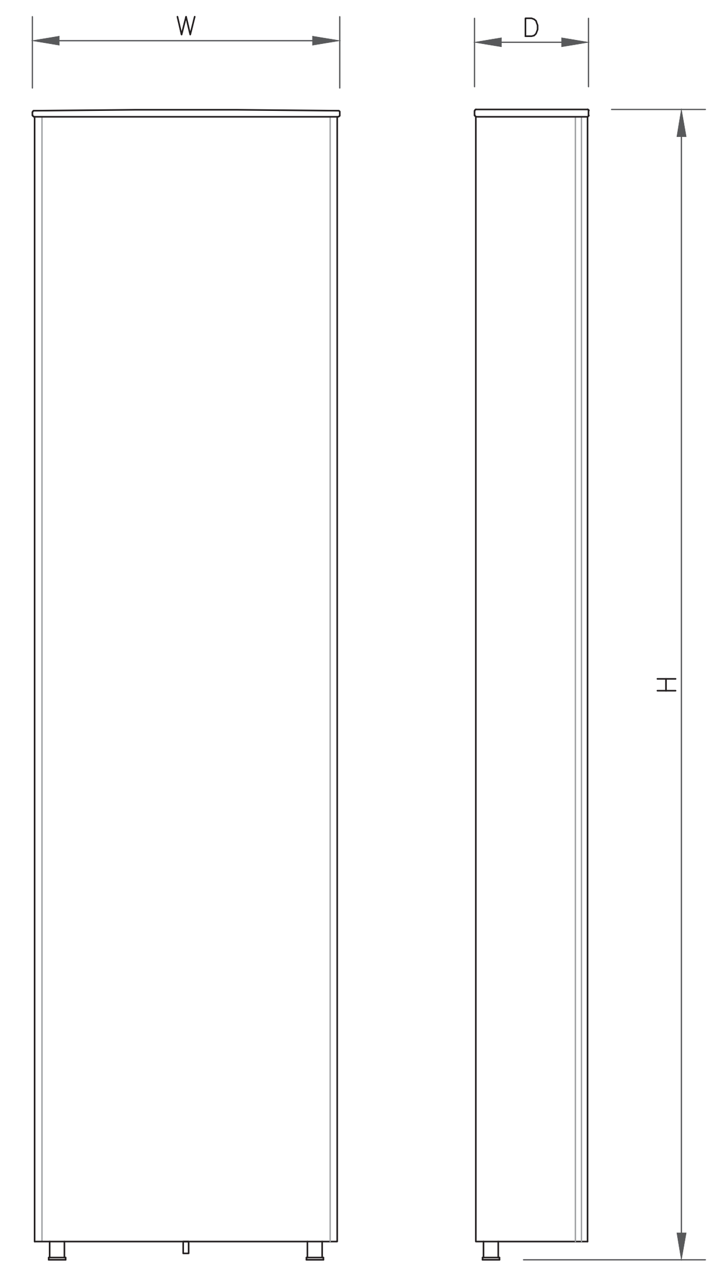
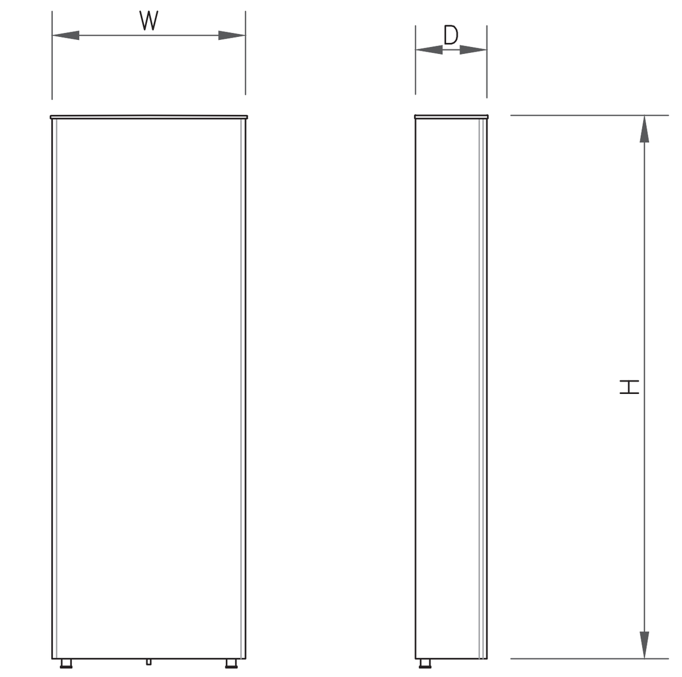


ANTENNA SPECS

MANUFACTURER	JMA WIRELESS
MODEL #	MX06FRO660-03
WIDTH	15.40"
DEPTH	10.70"
HEIGHT	71.30"
WEIGHT	78.00 LBS

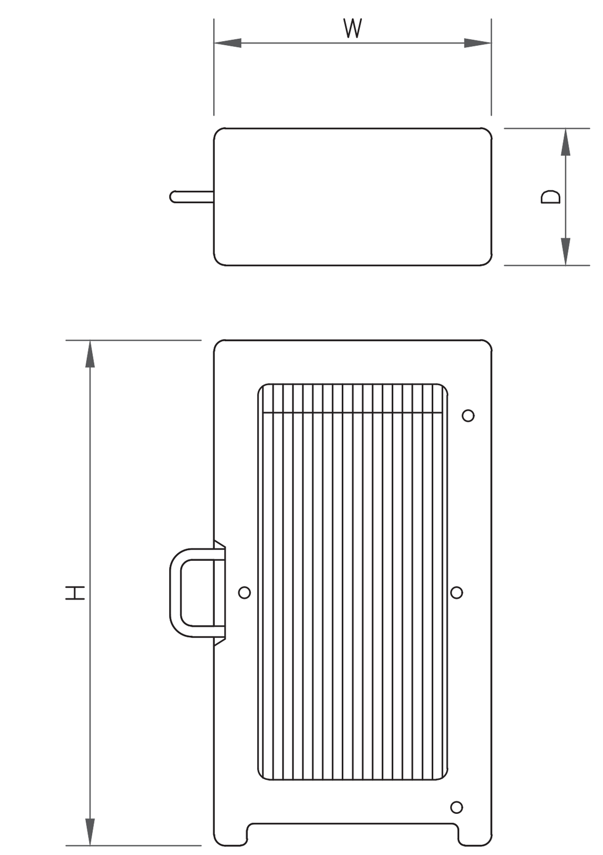
1 ANTENNA SPECS
SCALE: NOT TO SCALE



ANTENNA SPECS

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

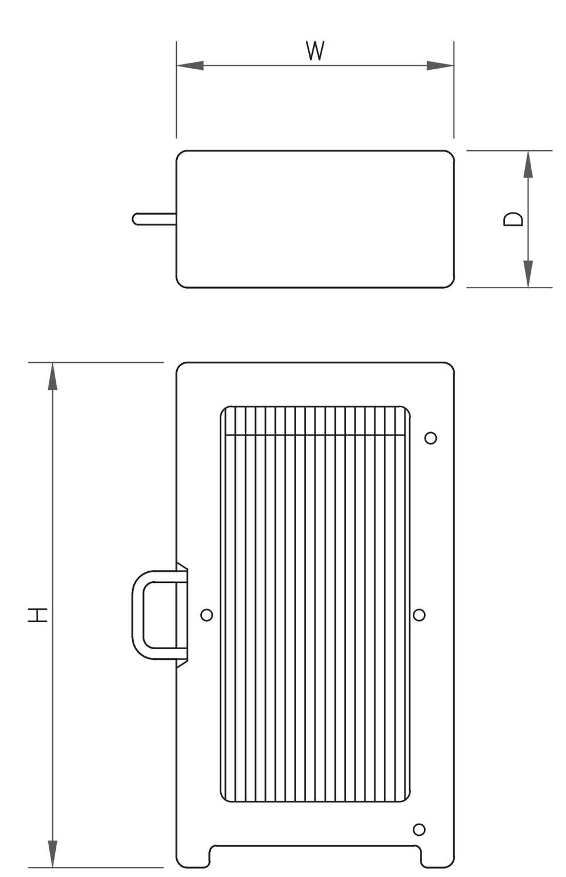
2 ANTENNA SPECS
SCALE: NOT TO SCALE



RRU SPECIFICATIONS

MANUFACTURER	SAMSUNG
MODEL #	RF4439D-25A
WIDTH	14.96"
DEPTH	10.04"
HEIGHT	14.96"
WEIGHT	74.70 LBS

3 RRU SPECS
SCALE: NOT TO SCALE



RRU SPECIFICATIONS

MANUFACTURER	SAMSUNG
MODEL #	RF4440D-13A
WIDTH	14.96"
DEPTH	9.06"
HEIGHT	14.96"
WEIGHT	72.50 LBS

4 RRU SPECS
SCALE: NOT TO SCALE

OVP SPECS

MANUFACTURER	RAYCAP
MODEL #	RVZDC-6627-PF-48
WIDTH	15.73"
DEPTH	10.31"
HEIGHT	28.93"
WEIGHT	32 LBS

5 OVP SPECS
SCALE: NOT TO SCALE

6 NOT USED
SCALE: NOT TO SCALE

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REVISION: **0**

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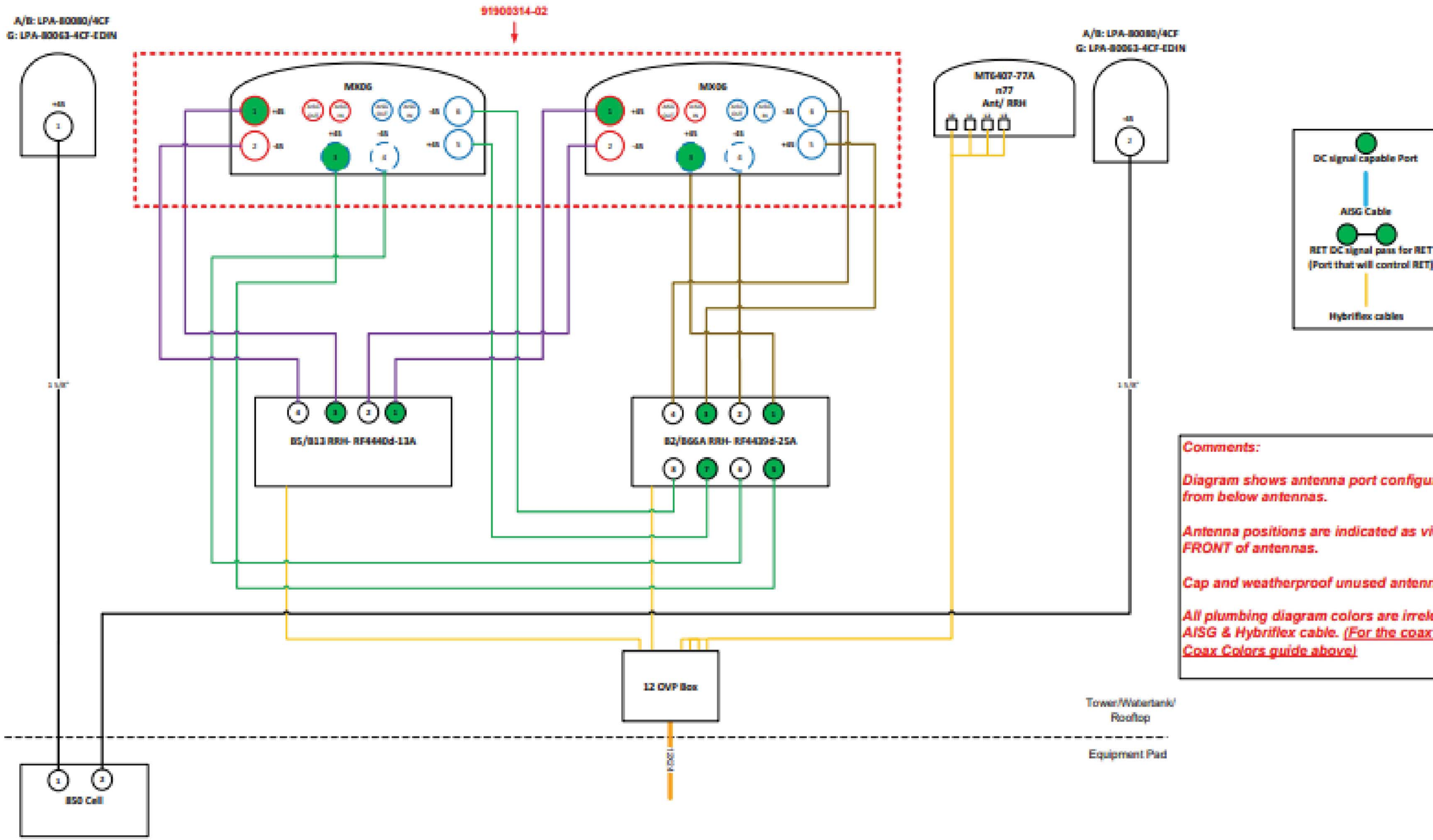
- Port 1 & 2 are for low band (698-896 MHz).
- Port 3,4,5, & 6 are for high band (1695-2360 MHz).
- Smart Bias Tee (SBT) is through port 1 & 3 for low band and port 1 for high band.
- AISG cable is only needed when drawn in the diagrams below, if it is not drawn then SBT is enough to control all RET motors.
- Not all SBT ports are needed to control RET, only green port connection to green port will control RET.



Comments:

Diagram shows antenna port configuration as viewed from below antennas.

Antenna positions are indicated as viewed from IN FRONT of antennas.

Cap and weatherproof unused antenna ports.

All plumbing diagram colors are irrelevant except for AISG & Hybriflex cable. (For the coax colors follow Coax Colors guide above)

1 PLUMBING DIAGRAM
SCALE: NOT TO SCALE

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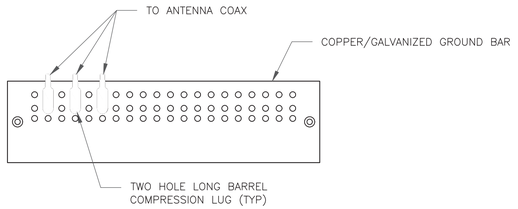
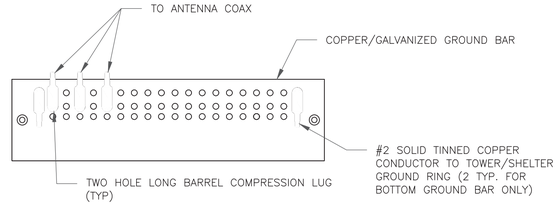
REVISION: 0



NOTES:

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

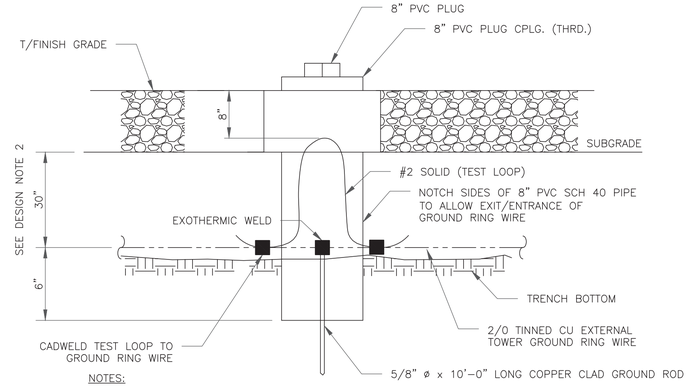
1 ANTENNA SECTOR GROUND BAR DETAIL
SCALE: NOT TO SCALE



NOTES:

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

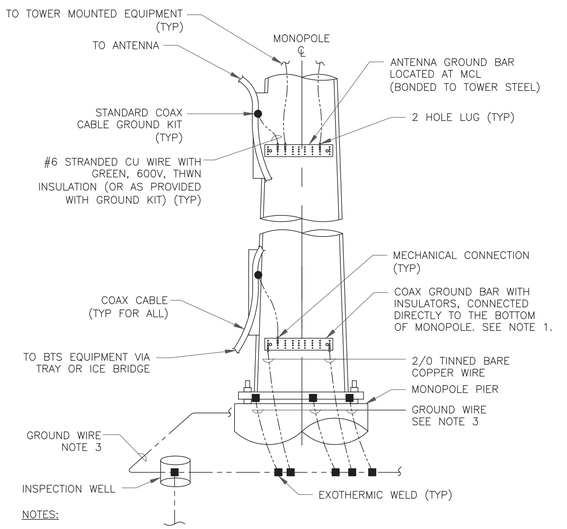
2 TOWER/SHELTER GROUND BAR DETAIL
SCALE: NOT TO SCALE



NOTES:

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

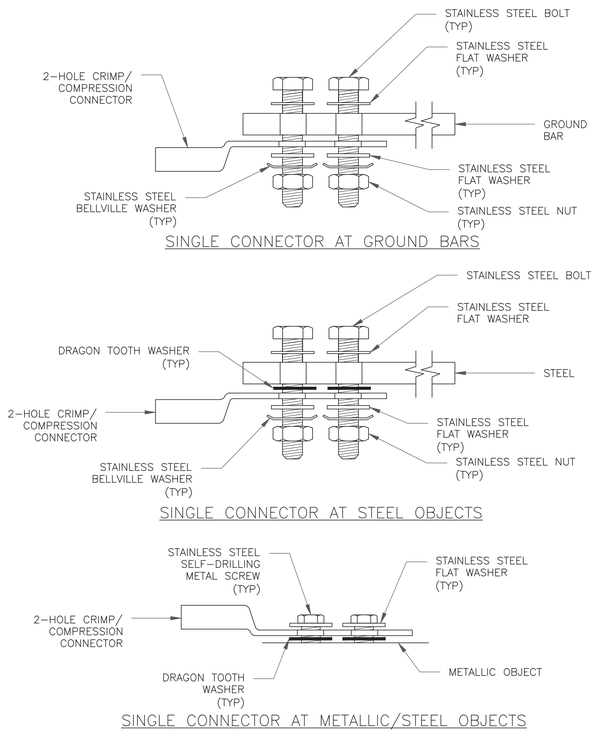
3 INSPECTION WELL DETAIL
SCALE: NOT TO SCALE



NOTES:

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

4 TYPICAL ANTENNA CABLE GROUNDING
SCALE: NOT TO SCALE

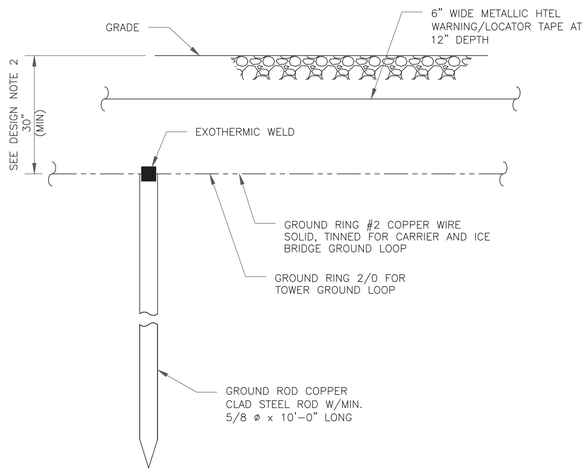


SINGLE CONNECTOR AT GROUND BARS

SINGLE CONNECTOR AT STEEL OBJECTS

SINGLE CONNECTOR AT METALLIC/STEEL OBJECTS

5 HARDWARE DETAIL FOR EXTERIOR CONNECTIONS
SCALE: NOT TO SCALE



NOTES:

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

6 GROUND ROD DETAIL
SCALE: NOT TO SCALE

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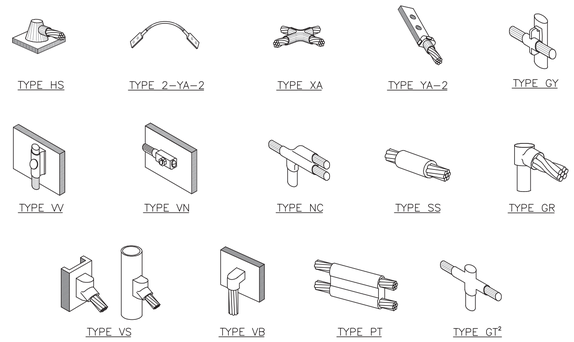
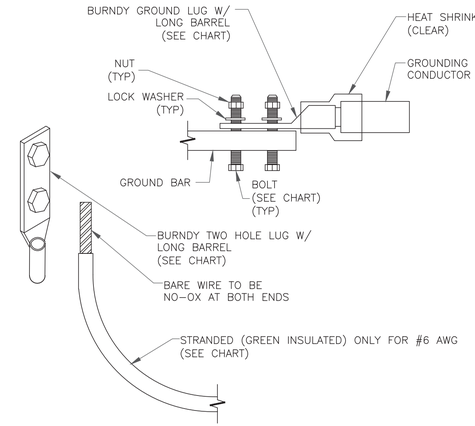


NOTE:

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

1 CADWELD GROUNDING CONNECTIONS
SCALE: NOT TO SCALE

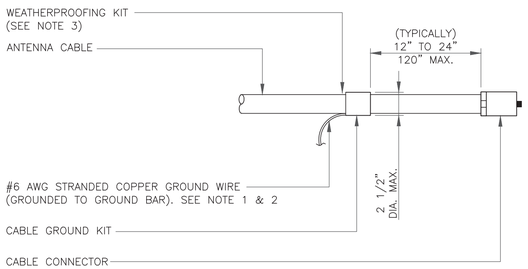
WIRE SIZE	BURNDY LUG	BOLT SIZE
#6 AWG GREEN INSULATED	YA6C-2TC38	3/8" - 16 NC S 2 BOLT
#2 AWG SOLID TINNED	YA3C-2TC38	3/8" - 16 NC S 2 BOLT
#2 AWG STRANDED	YA2C-2TC38	3/8" - 16 NC S 2 BOLT
#2/0 AWG STRANDED	YA26-2TC38	3/8" - 16 NC S 2 BOLT
#4/0 AWG STRANDED	YA28-2N	1/2" - 16 NC S 2 BOLT



NOTES:

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

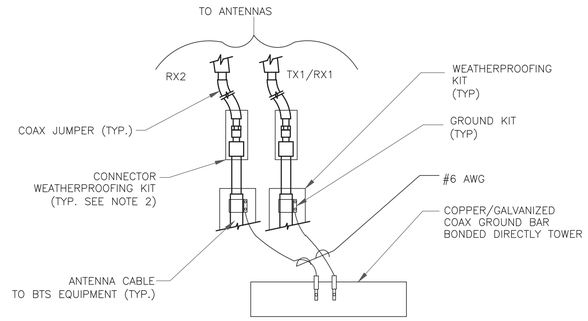
2 MECHANICAL LUG CONNECTION
SCALE: NOT TO SCALE



NOTES:

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

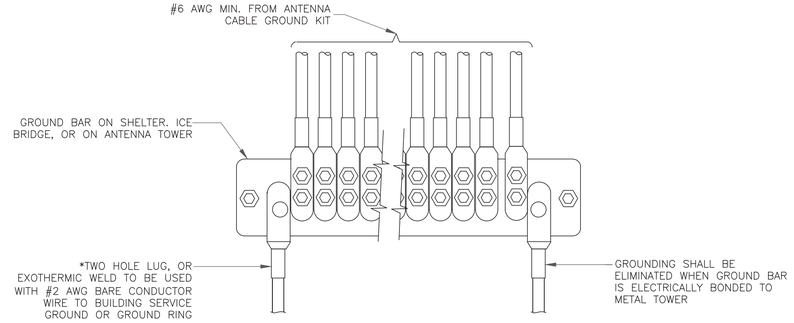
3 CABLE GROUND KIT CONNECTION
SCALE: NOT TO SCALE



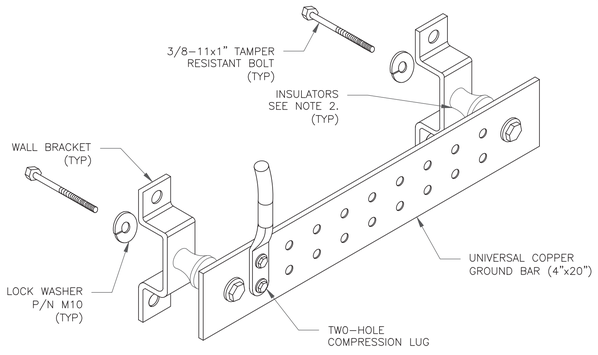
NOTES:

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

4 GROUND CABLE CONNECTION
SCALE: NOT TO SCALE



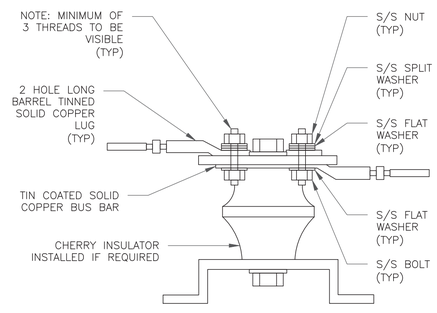
5 GROUNDWIRE INSTALLATION
SCALE: NOT TO SCALE



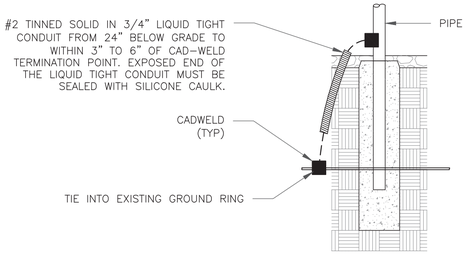
NOTES:

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

6 GROUND BAR DETAIL
SCALE: NOT TO SCALE



7 LUG DETAIL
SCALE: NOT TO SCALE



8 TRANSITIONING GROUND DETAIL
SCALE: NOT TO SCALE

verizon
180 WASHINGTON VALLEY ROAD
BEDMINSTER, NJ 07921

CROWN CASTLE
3 CORPORATE PARK DRIVE, SUITE 101
CLIFTON PARK, NY 12065

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

VERIZON SITE NUMBER:
467554

BU #: **876367**
WAPPINGERS FALLS / BOB'S ANTIQ

1439 VOLUNTOWN RD
GRISWOLD, CT 06384

EXISTING 179'-6"
MONOPOLE

ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	DES./QA
0	9/2/21	HN/VP	CONSTRUCTION	JHW

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

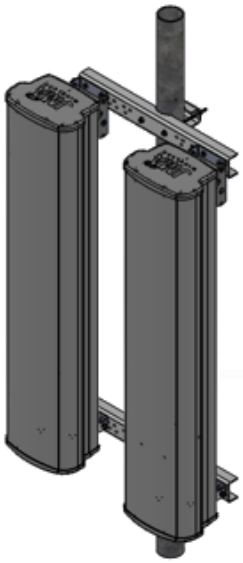
SHEET NUMBER: G-2
REVISION: 0

91900314

Dual-mount antenna bracket

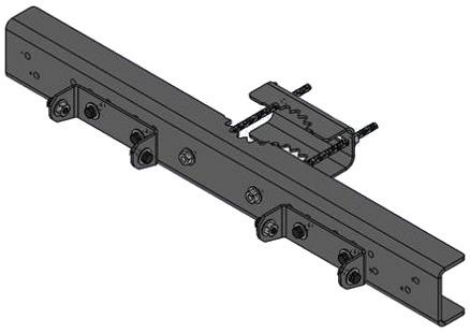
Dual-mount antenna bracket

- Enables optimal spacing for low-band 4T4R beamforming by allowing for two of the same antenna on one bracket
- Mechanical tilt in line with specified antenna
- Spacing either 2” or 12” (edge-to-edge) dependent on antenna model
- Compatible with MX, X7C*, C7C* antenna ranges
- Ease of field installation—able to use existing antenna mount brackets



Brackets needed per antenna type		
X7C* and C7C* models	**4’–6’ antennas**	2 brackets needed
	7’–8’ antennas	3 brackets needed
MX models	**4’ antennas**	2 brackets needed
	6’–8’ antennas	3 brackets needed

Spacing options between dual antennas	
X7C* and C7C* models	2 of same antennas locked at 2” spacing
	Example: (2) X7CQAP-FRO-645-V can be locked at 2” of spacing
MX models	2 of same antennas locked at either 2” or 12” spacing
	Example: (2) MX08FRO660-02 can be locked at 2” or 12” spacing (see above image)

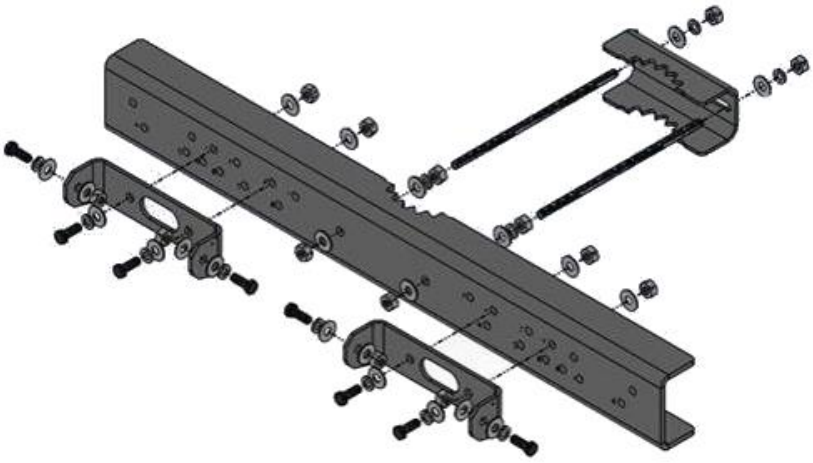


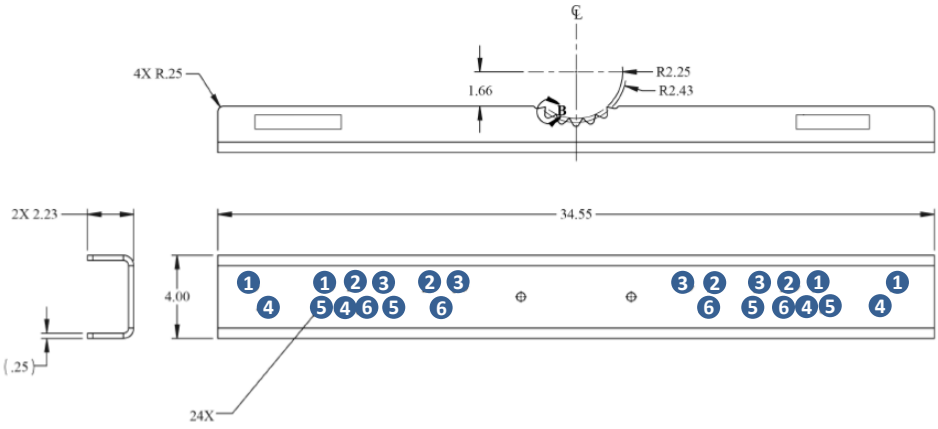
Dual-mount bracket assembled

Mechanical specifications	
Net weight per bracket, lb (kg)	22.3 lb (10 kg) – does not include brackets included with antenna
Range of allowable mechanical up/down tilt	-2º to 14º
Rated wind survival speed, mph (km/h)	150 mph (241 km/h)
Material specification	.16” to .25” thick hot-dipped, galvanized steel

Ordering information	
Mounting bracket model	**Description**
91900314	Dual-mount antenna bracket assembly (single)
***Compatible antennas**	
4’–8’ Quad-, Hex-, and Octo-Port macro antennas in the X7C; C7C; X7CAP; C7CAP; X7CQAP; MX ranges (check with customer service for exact fit)	
Installation instructions	
81900506	Installation instructions for dual-mount bracket assembly (single)

Dual-mount bracket assembly guide overview





Model types beginning with:	Antenna width	Corresponding hole position	Resulting spacing between antennas
MX	15.4” (wide spacing)	1	12”
	15.4” (narrow spacing)	2	2”
	12”	3	2”
	20”	5	3/4”
X7C*, C7C*	12.5”	3	2”
	24.0”	4	2”
	18.8”	5	2”
	14.6”	6	2”

verizon✓

MOUNT MODIFICATION DRAWINGS
EXISTING 12.58' PLATFORM

TOWER OWNER: CROWN CASTLE
TOWER OWNER SITE NUMBER: 876367

CARRIER SITE NAME: GRISWOLD EAST CT
CARRIER SITE NUMBER: 467554
FUZE ID: 16272170

1439 VOLUNTOWN RD
GRISWOLD, CT 06384
NEW LONDON COUNTY

LATITUDE: 41.576108° N
LONGITUDE: 71.888044° W

DESIGN CRITERIA

WIND LOADS

BASIC WIND SPEED (3 SECOND GUST), V = 125 MPH
EXPOSURE CATEGORY C
TOPOGRAPHIC CATEGORY 1
MEAN BASE ELEVATION (AMSL) = 285.92'

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 = .188
LONG TERM MCER GROUND MOTION, S_1 = .053

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 #:	10094223
VZW LOCATION CODE (PSLC):	467554
ANALYSIS DATE:	8/16/2021

PMI REQUIREMENTS EMBEDDED WITHIN MOUNT MODIFICATION REPORT

SHEET INDEX

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

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0	8/16/2021	ISSUED FOR CONSTRUCTION	CMS	DX

STATE OF CONNECTICUT
DEJIAN XU
No. 33733
LICENSED
PROFESSIONAL ENGINEER
08/17/2021

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:

GRISWOLD EAST CT
467554

1439 VOLUNTOWN RD
GRISWOLD, CT 06384
NEW LONDON 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 (LBS.)	WEIGHT (LBS.)
1	VZWSMART	VZWSMART-PLK1	SUPPORT RAIL KIT	CONTRACTOR TO VERIFY THE LENGTH REQUIRED AND TRIM AS NECESSARY IN ACCORDANCE WITH THE 'STRUCTURAL STEEL' NOTES ON SHEET SGN-1	504	504

SECTION 2 - OTHER REQUIRED PARTS

QUANTITY	MANUFACTURER	PART NUMBER	DESCRIPTION	NOTES	UNIT WEIGHT (LBS.)	WEIGHT (LBS.)
1	SITE PRO 1	SQCX4-K	CROSSOVER PLATE KIT W/ SQUARE U-BOLTS AND STD. U-BOLTS	OR EOR APPROVED EQUAL, CONTACT MASER CONSULTING FOR APPROVAL OF SUBSTITUTION	11	11
1	-	-	36" LONG, P2 STD	GALVANIZED	11	11
3	-	-	72" LONG, P2 1/2 STD	GALVANIZED	35	105
3	SITE PRO 1	SP219-H	2-7/8" TO 3-1/2" PIPE MOUNT ASSEMBLY	OR EOR APPROVED EQUAL, CONTACT MASER CONSULTING FOR APPROVAL OF SUBSTITUTION.	13	39
					TOTAL:	670

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.

VZWSMART KITS - APPROVED VENDORS

COMMSCOPE

CONTACT	SALVADOR ANGUIANO
PHONE	(817) 304-7492
EMAIL	SALVADOR.ANGUIANO@COMMSCOPE.COM
WEBSITE	WWW.COMMSCOPE.COM

METROSITE FABRICATORS, LLC

CONTACT	KENT RAMEY
PHONE	(706) 335-7045 (O), (706) 982-9788 (M)
EMAIL	KENT@METROSITELLC.COM
WEBSITE	METROSITEFABRICATORS.COM

PERFECTVISION

CONTACT	WIRELESS SALES
PHONE	(844) 887-6723
EMAIL	WWW.PERFECT-VISION.COM
WEBSITE	WIRELESSSALES@PERFECT-VISION.COM

SABRE INDUSTRIES, INC.

CONTACT	ANGIE WELCH
PHONE	(866) 428-6937
EMAIL	AKWELCH@SABREINDUSTRIES.COM
WEBSITE	WWW.SABRESITESOLUTIONS.COM

SITE PRO 1

CONTACT	PAULA BOSWELL
PHONE	(972) 236-9843
EMAIL	PAULA.BOSWELL@VALMONT.COM
WEBSITE	WWW.SITEPRO1.COM

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467554

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GRISWOLD, CT 06384
NEW LONDON COUNTY

MT. LAUREL OFFICE
2000 Midlantic 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 PROJECT # AND MASER CONSULTING 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. CONTRACTOR SHALL PROTECT CUT ENDS OF ALL FIELD-CUT STEEL WITH TWO (2) COATS OF COLD GALVANIZATION (ZINGA OR ZINC COTE).
9. 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.
10. 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.
11. FOR MEMBERS BEING REPLACED, PROVIDE NEW BOLTS AND MATCH EXISTING SIZE AND GRADE. MAINTAIN AISC REQUIREMENTS FOR MINIMUM BOLT DISTANCE AND SPACING.
12. 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.
13. GALVANIZED ASTM A325 BOLTS SHALL NOT BE REUSED.
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

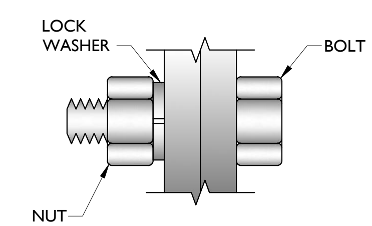
1. ALL WELDING SHALL BE DONE IN ACCORDANCE WITH AWS D1.0 (LATEST EDITION). THIS SHALL INCLUDE A CERTIFIED WELD INSPECTION (CWI) FOR ACCEPTANCE OR REJECTION OF ALL WELDING OPERATIONS, PRE, DURING, AND POST INSTALLATION, USING THE ACCEPTANCE CRITERIA OF AWS D1.1.
2. CONTRACTOR IS RESPONSIBLE FOR COMMISSIONING 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

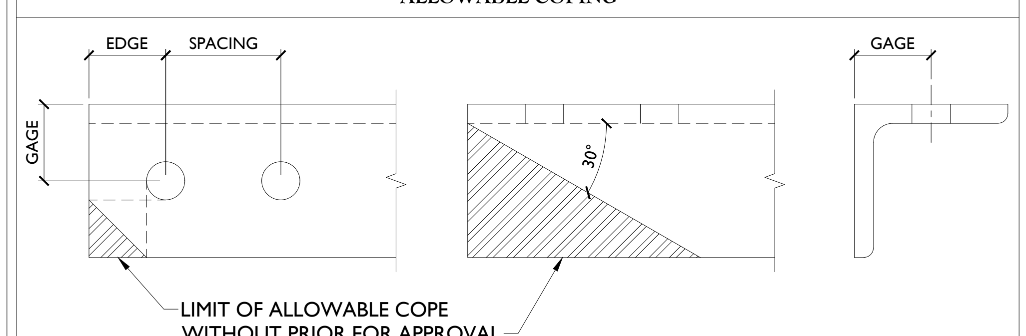


TYP. BOLT ASSEMBLY

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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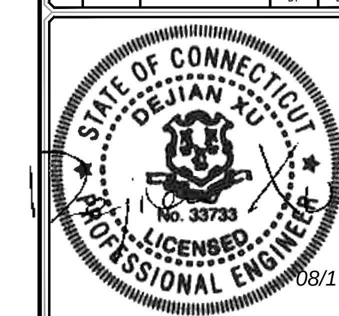
SCALE : AS SHOWN
JOB NUMBER : 21777323A

REV	DATE	DESCRIPTION	DRAWN BY	CHECKED BY
.	.	.	.	.
.	.	.	.	.
.	.	.	.	.
0	8/16/2021	ISSUED FOR CONSTRUCTION	CMS	DX



08/17/2021

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.

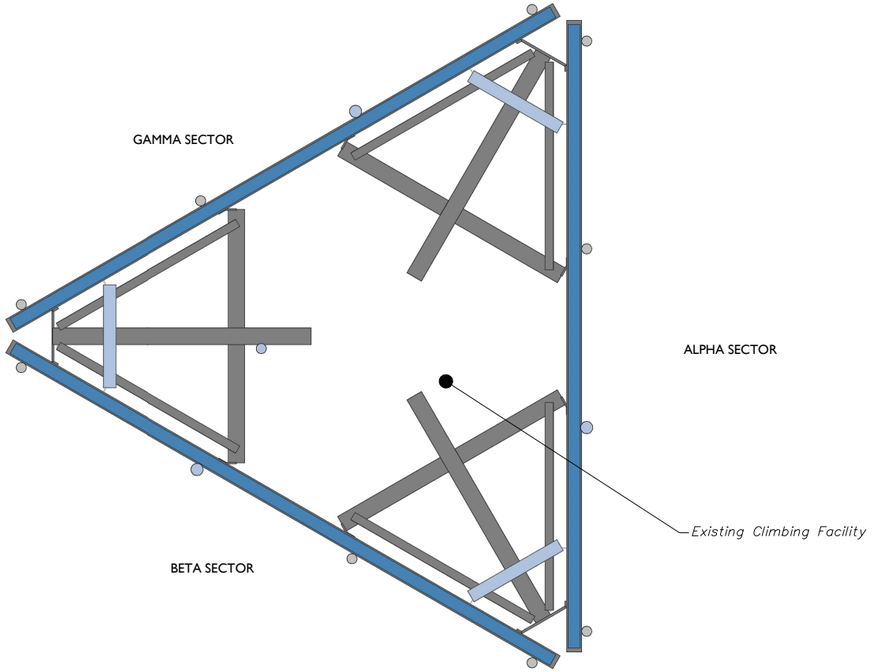
SITE NAME:
GRISWOLD EAST CT
467554
1439 VOLUNTOWN RD
GRISWOLD, CT 06384
NEW LONDON COUNTY

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 3/28/2021, THE SAFETY CLIMB AND CLIMBING FACILITIES UP TO THE VERIZON MOUNT ELEVATION (156'-0") ARE IN GOOD CONDITION. MASER 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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DEJIAN XU
No. 33733
LICENSED PROFESSIONAL ENGINEER
08/17/2021

SITE NAME:

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467554

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NEW LONDON COUNTY

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SHEET TITLE :
CLIMBING FACILITY DETAIL

SHEET NUMBER :
SCF-1

LEGEND:

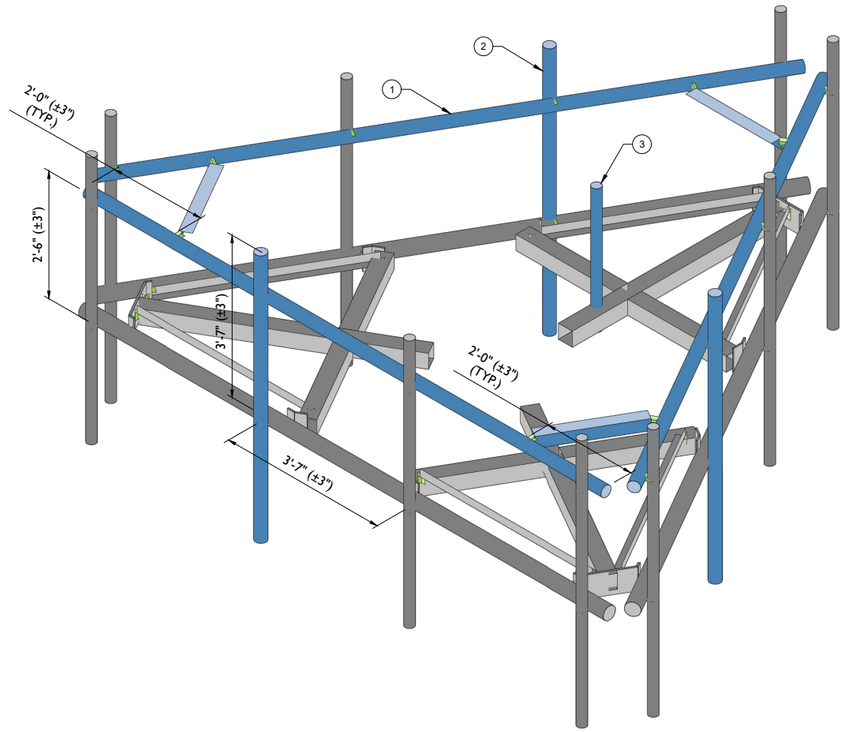
- PROPOSED
- RELOCATED
- EXISTING

MOUNT MODIFICATION SCHEDULE

NO.	ELEVATION	QUANTITY	DESCRIPTION	NOTES
1	156'-0"	1	PROPOSED SUPPORT RAIL KIT (PART #: VZWSMART-PLK1)	RADIO AND/OR TME POSITIONS SHALL BE ADJUSTED VERTICALLY AS NEEDED IN ORDER TO ACHIEVE INSTALLATION OF HORIZONTAL AS SHOWN. EOR SHALL BE NOTIFIED IF EQUIPMENT NEEDS TO BE RELOCATED TO ANOTHER MOUNT PIPE. CONTRACTOR TO VERIFY THE LENGTH REQUIRED AND TRIM AS NECESSARY IN ACCORDANCE WITH THE 'STRUCTURAL STEEL' NOTES ON SHEET SGN-1.
2		3	72" LONG, P2 1/2 STD MOUNT PIPE	GALVANIZED. CONNECT NEW MOUNT PIPE TO THE EXISTING FACE HORIZONTAL WITH NEW CROSSOVER PLATES (SITE PRO 1 PART # SP219-H, OR EOR APPROVED EQUAL).
3		1	36" LONG, P2 STD OVP PIPE	GALVANIZED. CONNECT NEW OVP PIPE TO EXISTING STANDOFF HORIZONTAL WITH CROSSOVER PLATES (PART #: SITE PRO 1 - SQCX4-K, OR EOR APPROVED EQUAL).

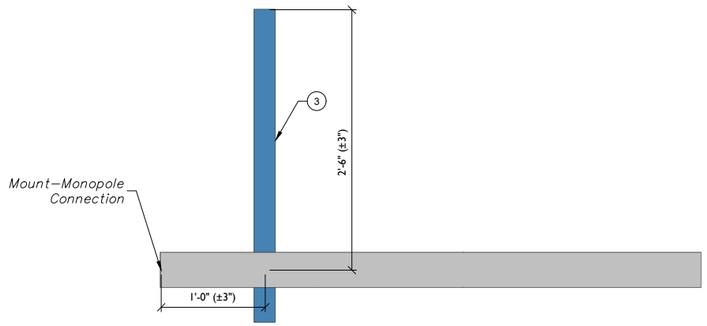
NOTES.

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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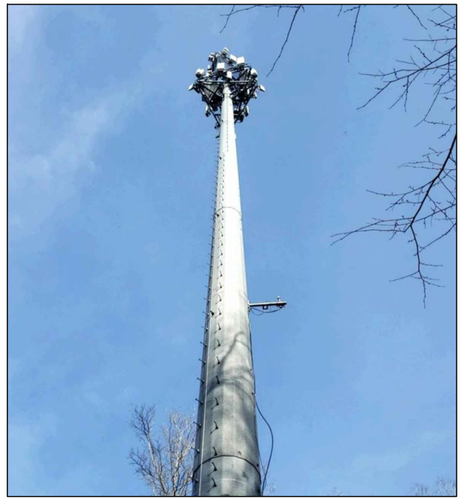
SHEET TITLE :

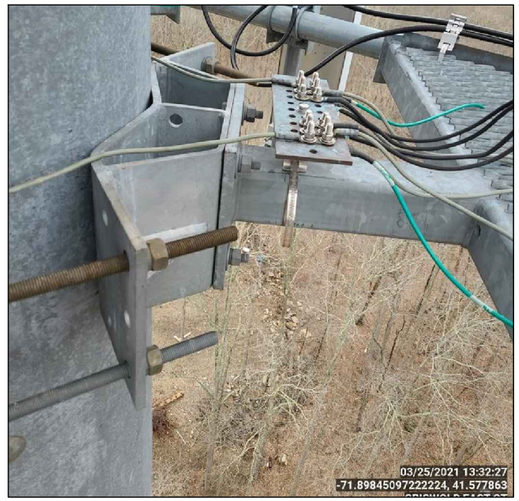
MODIFICATION DETAILS

SHEET NUMBER :

SS-1



MOUNT PHOTO 1



MOUNT PHOTO 2

MOUNT PHOTO 3

MOUNT PHOTO 4

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08/17/2021

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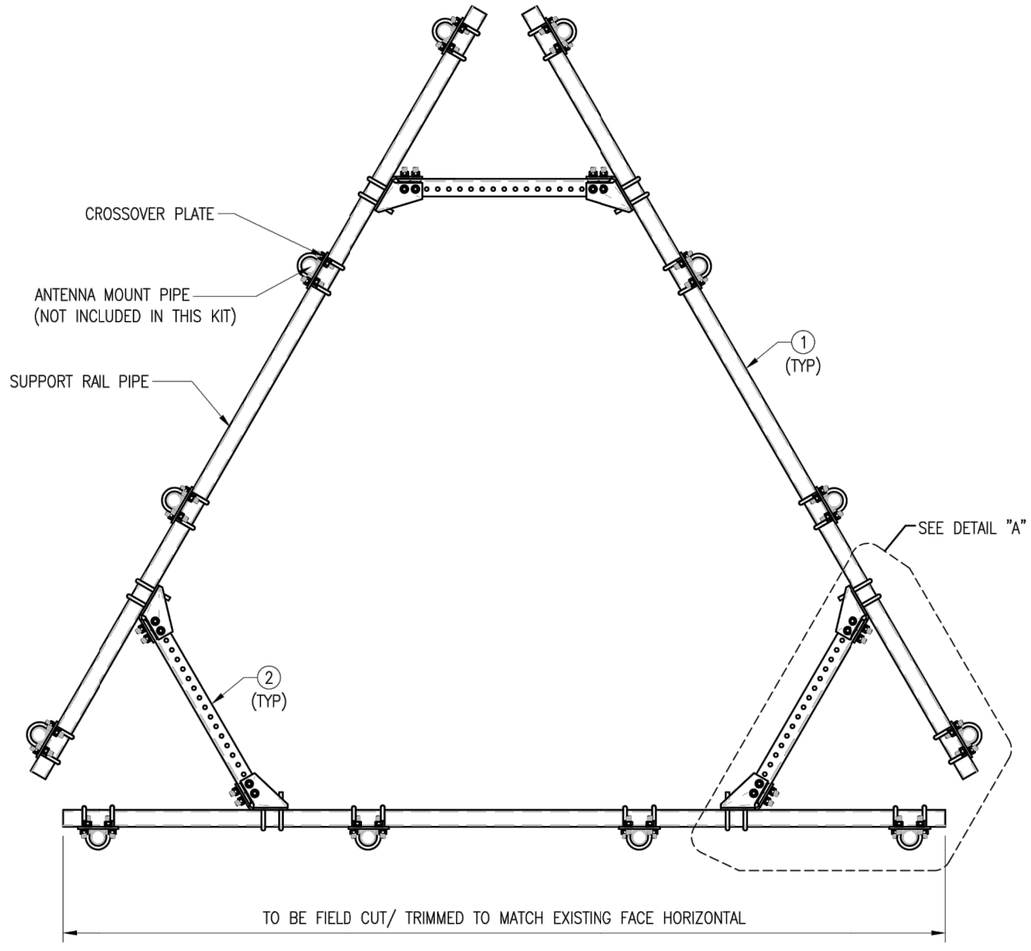
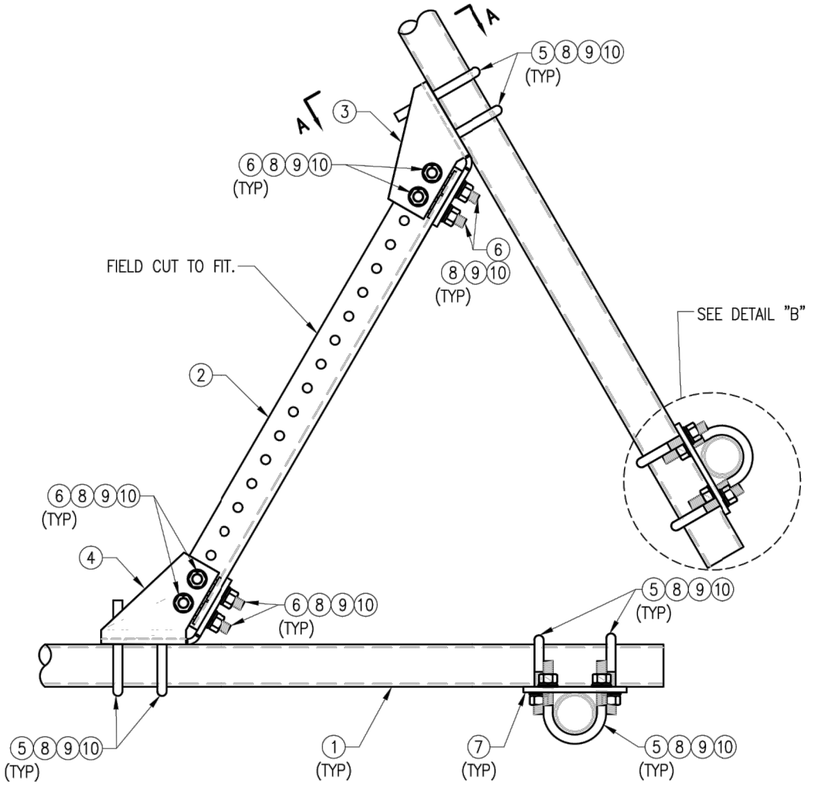
SHEET TITLE : MOUNT PHOTOS

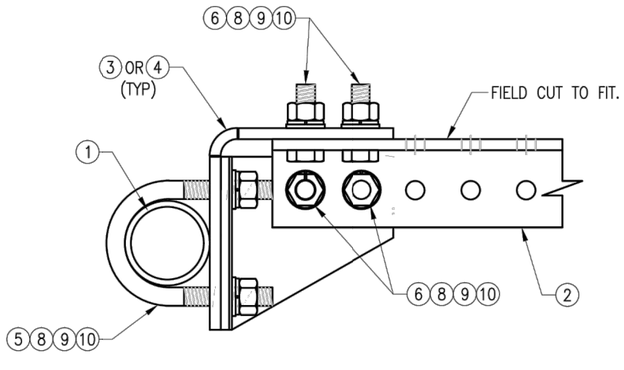
SHEET NUMBER : SS-2



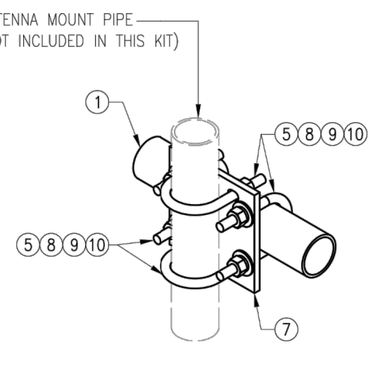
PLAN VIEW



DETAIL "A"



SECTION "A–A"



DETAIL "B"

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

VZW SMART–PLK1 (SUPPORT RAIL KIT)

ITEM NO.	QTY.	PART NO.	DESCRIPTION	SHEET #	WT
1	3	PST2875–12.5	2.5" PST (2.875" O.D. X 0.203" THK.) X 12'–6" A53 GR–B	PLK1–F1	292
2	3	L33375–3	L 3" X 3" X 3/8" X 3'–0" A36	PLK1–F1	66
3	3	CBP–L	CORNER BENT PLATE BRACKET	PLK1–F2	28
4	3	CBP–R	CORNER BENT PLATE BRACKET	PLK1–F2	28
5	60	MS02–625–300–500	RU–BOLT 5/8" X 3" I.W. X 5" I.L. A36 (OR EQUIV.)	RBC–1	82
6	24	---	BOLT 5/8" X 2" A325	---	9
7	12	PL375–857	PL 3/8" X 8 1/2" X 7'–0" A36	PLK1–F3	77
8	144	FW–625	5/8" HDG USS FLAT WASHER	---	12
9	144	LW–625	5/8" HDG LOCK WASHER	---	3
10	144	NUT–625	5/8" HDG HEX NUT	---	17
				GALVANIZED WT	504

VzW SMART Tool© Vendor

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DRAWN BY: H.R | CHECKED BY: HMA

REV.	DESCRIPTION	BY	DATE
0	FIRST ISSUE	H.R	05/08/20

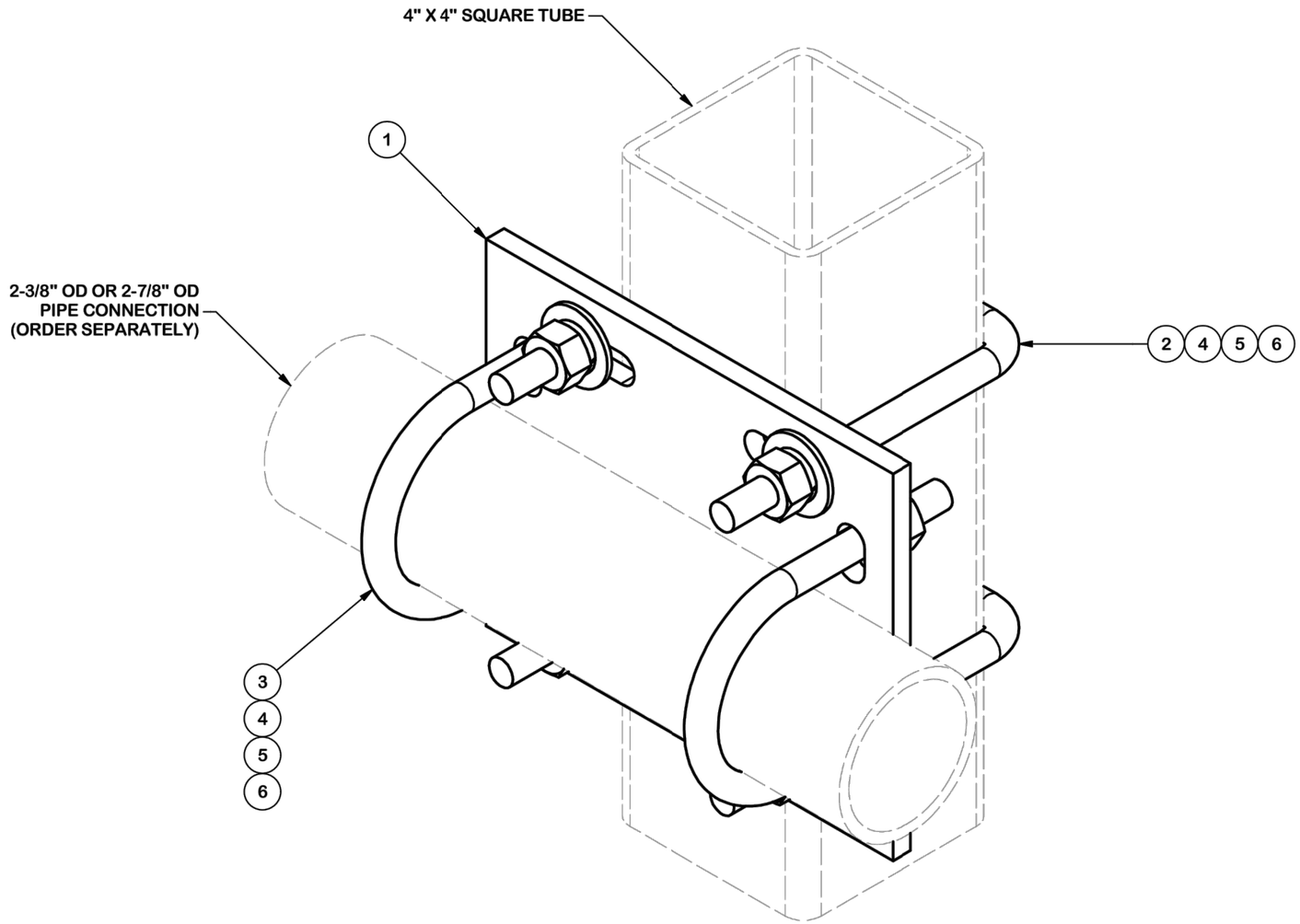
SHEET TITLE:

VZWSMART–PLK1
SUPPORT RAIL KIT

SHEET NUMBER: VZWSMART–PLK1

REV #: 0

ITEM	QTY	PART NO.	PART DESCRIPTION	LENGTH	UNIT WT.	NET WT.
1	1	SCX4	CROSSOVER PLATE	8 1/2 in	6.02	6.02
2	2	X-SUB1418	SQUARE U-BOLT 0.5" DIA. X 4.125" IW X 6" IL X 3" TR		0.98	1.95
3	2	X-UB1212	1/2" X 2-1/2" X 4-1/2" X 2" U-BOLT (HDG.)		0.60	1.19
3	2	X-UB1300	1/2" X 3" X 5" X 2" U-BOLT (HDG.)		0.67	1.34
4	8	G12FW	1/2" HDG USS FLATWASHER	3/32 in	0.03	0.27
5	8	G12LW	1/2" HDG LOCKWASHER	1/8 in	0.01	0.11
6	8	G12NUT	1/2" HDG HEAVY 2H HEX NUT		0.07	0.57
					TOTAL WT. #	11.35



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")

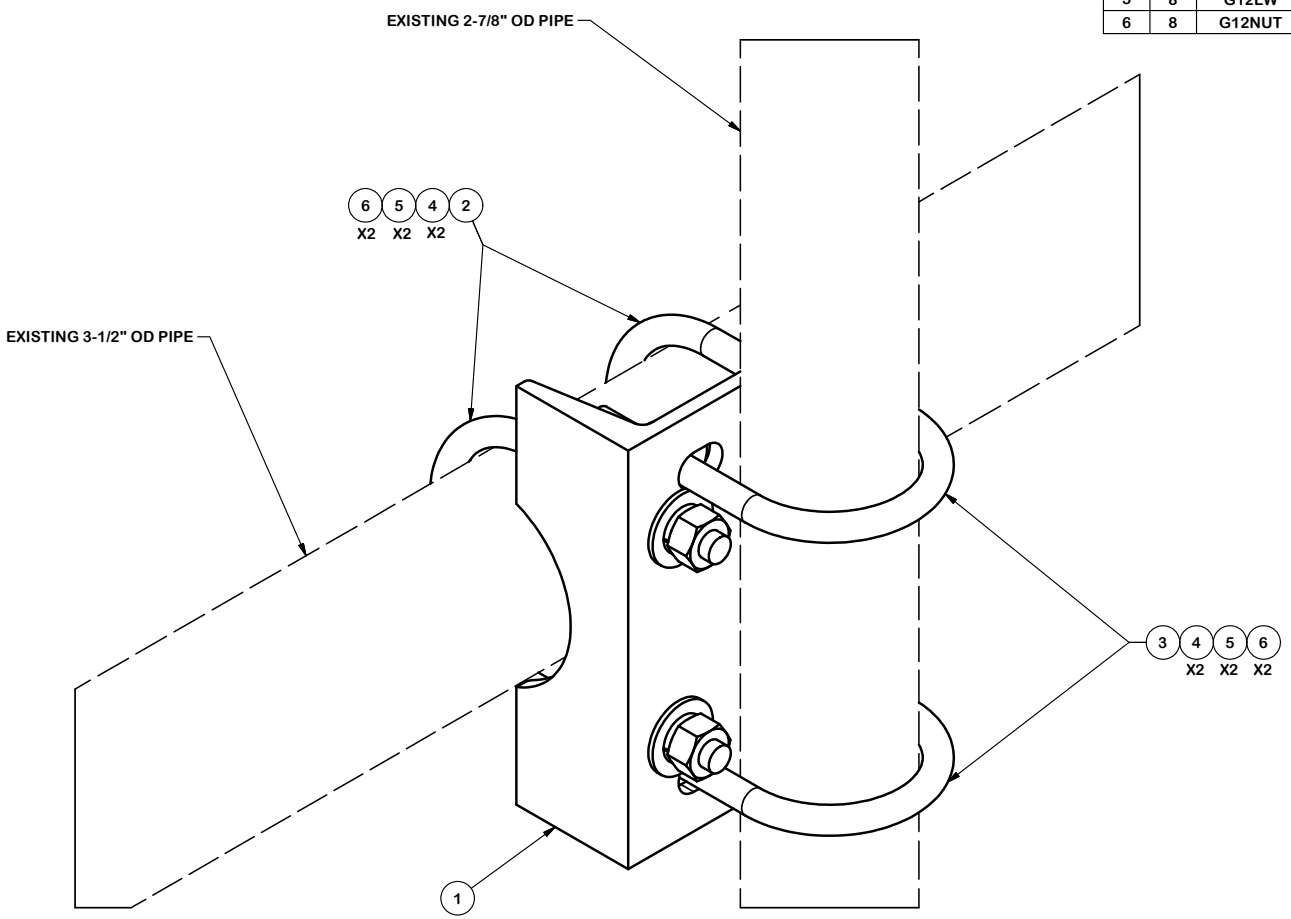
DESCRIPTION
CROSSOVER PLATE KIT
W/ SQUARE U-BOLTS AND STD. U-BOLTS

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
	CSL 9/18/2018	3RD PARTY	SQCX4-K	1 OF 1

CLASS	SUB	DRAWING USAGE	CHECKED BY	DWG. NO.
87	02	CUSTOMER	BMC 11/12/2018	SQCX4-K

PARTS LIST						
ITEM	QTY	PART NO.	PART DESCRIPTION	LENGTH	UNIT WT.	NET WT.
1	1	X-SP219	SMALL SUPPORT CROSS PLATE	8 1/4 in	8.61	8.61
2	2	X-UB1306	1/2" X 3-5/8" X 6" X 3" U-BOLT (HDG.)		0.66	1.31
3	2	X-UB1300	1/2" X 3" X 5" X 2" U-BOLT (HDG.)		0.66	1.31
4	8	G12FW	1/2" HDG USS FLATWASHER		0.03	0.27
5	8	G12LW	1/2" HDG LOCKWASHER		0.01	0.11
6	8	G12NUT	1/2" HDG HEAVY 2H HEX NUT		0.07	0.57
					TOTAL WT. #	12.61



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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	REDRAWN IN INV, UPDATED VIEWS & TABLE		KC8	8-21-2012

DESCRIPTION
2-7/8" TO 3-1/2"
PIPE MOUNT ASSEMBLY

SITE PRO 1 — A valmont COMPANY

Engineering Support Team: 1-888-753-7446

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

CPD NO.	DRAWN BY	ENG. APPROVAL	PART NO.
4518	BMC 6/3/2009		SP219-H

CLASS	SUB	DRAWING USAGE	CHECKED BY	DWG. NO.
81	01	CUSTOMER	CEK 2/18/2013	SP219-H

Exhibit D

Structural Analysis Report

Date: **August 20, 2021**

Black & Veatch Corp.
6800 W. 115th St., Suite 2292
Overland Park, KS 66211
(913) 458-6909

Subject:	**Structural Analysis Report**	
Carrier Designation:	***Verizon Wireless* Co-Locate**	
	Site Number:	467554
	Site Name:	Griswold East CT
Crown Castle Designation:	**BU Number:**	876367
	Site Name:	Wappingers Falls / BOB'S Antiq
	JDE Job Number:	684061
	Work Order Number:	2011394
	Order Number:	583754 Rev. 0
Engineering Firm Designation:	**Black & Veatch Corp. Project Number:**	406642
Site Data:	**1439 Voluntown Rd., Griswold, New London County, CT**	
	Latitude *41° 34' 33.99"*, Longitude *-71° 53' 16.96"*	
	179.5 Foot - Monopole Tower	

Black & Veatch Corp. is pleased to submit this **"Structural Analysis Report"** to determine the structural integrity of the above-mentioned tower.

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

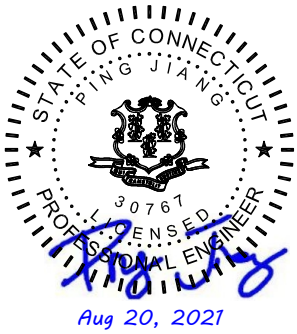
LC7: Proposed Equipment Configuration **Sufficient Capacity - 63.8%**

This analysis has been performed in accordance with the 2018 Connecticut State Building Code based upon an ultimate 3-second gust wind speed of 135 mph. Applicable Standard references and design criteria are listed in Section 2 - Analysis Criteria.

Structural analysis prepared by: Aditya Kulkarni

Respectfully submitted by:

Ping Jiang, P.E.
Professional Engineer



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1) INTRODUCTION

This tower is a 179.5 ft Monopole tower designed by Engineered Endeavors, Inc.

2) ANALYSIS CRITERIA

TIA-222 Revision:	TIA-222-H
Risk Category:	II
Wind Speed:	135 mph
Exposure Category:	B
Topographic Factor:	1
Ice Thickness:	1.5 in
Wind Speed with Ice:	50 mph
Service Wind Speed:	60 mph

Table 1 - Proposed Equipment Configuration

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)
155.0	157.0	2	antel	LPA-80063/4CF w/ Mount Pipe	10	1 5/8
		4	antel	LPA-80080/4CF w/ Mount Pipe		
		6	jma wireless	MX06FRO660-03 w/ Mount Pipe		
		3	samsung telecommunications	MT6407-77A w/ Mount Pipe		
		1	raycap	RVZDC-6627-PF-48		
		3	samsung telecommunications	RF4439D-25A		
		3	samsung telecommunications	RF4440D-13A		
	155.0	3	jam wirless	91900314 Dual-mount Antenna Bracket		
		1	cci tower mounts (v2.1)	Platform Mount [LP 303-1]		

Table 2 - Other Considered Equipment

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)
177.0	177.0	3	rfs celwave	APX16DWV-16DWV-S-E-A20 w/ Mount Pipe	4	1 5/8
		3	rfs celwave	APXVAALL24_43-U-NA20_TMO w/ Mount Pipe		
		3	ericsson	AIR6449 B41_T-Mobile		
		3	ericsson	Radio 4415 B66A		
		3	ericsson	Radio 4424 B25_TMO		
		3	ericsson	Radio 4449 B71 B85A_T- Mobile		
		1	site pro 1	RMQP-496 + HRK12-U Platform with Handrails		

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)
167.0	169.0	3	powerwave technologies	7770.00 w/ Mount Pipe	2 2 4 12 3	3/8 7/16 3/4 1 1/4 2 Conduit
	167.0	2	kathrein	80010964 w/ Mount Pipe		
		4	kathrein	80010966 w/ Mount Pipe		
		3	raycap	DC6-48-60-18-8F		
		3	ericsson	RRUS 4478 B14		
		3	ericsson	RRUS 8843 B2/B66A		
		3	ericsson	RRUS 4449 B5/B12		
		6	powerwave technologies	LGP 17201		
		3	kathrein	782 10253		
		1	cci tower mounts (v2.1)	Platform Mount [LP 303-1_HR-1]		
60.0	60.0	1	gps	GPS_A	1	1/2
		1	cci tower mounts (v2.1)	Side Arm Mount [SO 701-1]		

3) ANALYSIS PROCEDURE

Table 3 - Documents Provided

Document	Reference	Source
4-GEOTECHNICAL REPORTS	1613525	CCISITES
4-TOWER FOUNDATION DRAWINGS/DESIGN/SPECS	1613910	CCISITES
4-TOWER MANUFACTURER DRAWINGS	1999079	CCISITES

3.1) Analysis Method

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

3.2) Assumptions

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

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

4) ANALYSIS RESULTS

Table 4 - Section Capacity (Summary) (Monopole Tower)

Section No.	Elevation (ft)	Component Type	Size	Critical Element	P (K)	SF*P_allow (K)	% Capacity	Pass / Fail
L1	179.5 - 129.75	Pole	TP31.86x19.59x0.3125	1	-16.12	1854.45	44.3	Pass
L2	129.75 - 84.58	Pole	TP42.26x30.1252x0.375	2	-26.18	2958.12	55.6	Pass
L3	84.58 - 40.7	Pole	TP52.21x40.0857x0.4375	3	-40.38	4268.71	54.4	Pass
L4	40.7 - 0	Pole	TP61.25x49.6082x0.5	4	-61.85	5922.00	50.9	Pass
							Summary	
						Pole (L2)	55.6	Pass
						Rating =	**55.6**	**Pass**

Table 5 - Tower Component Stresses vs. Capacity (Monopole Tower) - LC7

Notes	Component	Elevation (ft)	% Capacity	Pass / Fail
1	Anchor Rods	0	57.3	Pass
	Base Plate		59.3	Pass
1	Base Foundation (Structure)	0	63.8	Pass
	Base Foundation (Soil Interaction)		54.6	Pass

Structure Rating (max from all components) =	**63.8%**

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

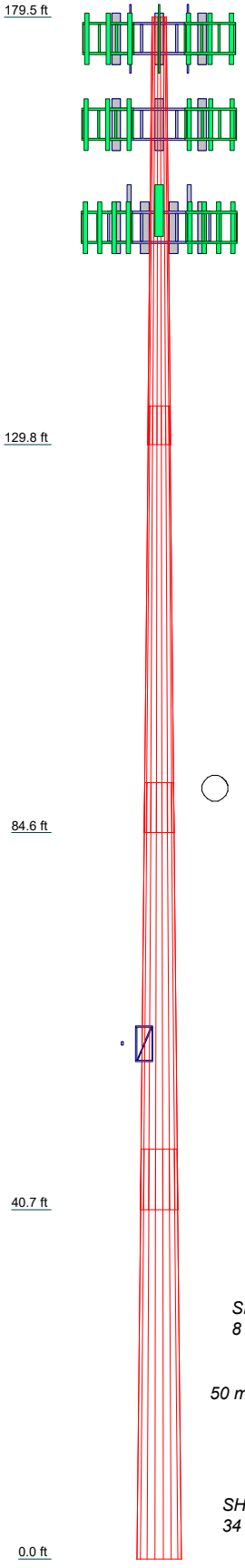
4.1) Recommendations

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

APPENDIX A

TNXTOWER OUTPUT

Section	Length (ft)	Number of Sides	Thickness (in)	Socket Length (ft)	Top Dia (in)	Bot Dia (in)	Grade	Weight (K)
1	49.75	18	0.3125	4.50	19.5900	31.8600	A572-65	4.3
2	49.67	18	0.3750	5.83	30.1252	42.2600		7.2
3	49.71	18	0.4375	7.08	40.0857	52.2100		10.7
4	47.78	18	0.5000		49.6082	61.2500		14.2
								36.4



ALL REACTIONS ARE FACTORED

AXIAL 92 K
SHEAR 8 K
MOMENT 982 kip-ft
TORQUE 0 kip-ft
50 mph WIND - 1.5000 in ICE

AXIAL 62 K
SHEAR 34 K
MOMENT 4368 kip-ft
TORQUE 1 kip-ft
REACTIONS - 135 mph WIND

MATERIAL STRENGTH

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

TOWER DESIGN NOTES

1. Tower is located in New London County, Connecticut.
2. Tower designed for Exposure B to the TIA-222-H Standard.
3. Tower designed for a 135 mph basic wind in accordance with the TIA-222-H Standard.
4. Tower is also designed for a 50 mph basic wind with 1.50 in ice. Ice is considered to increase in thickness with height.
5. Deflections are based upon a 60 mph wind.
6. Tower Risk Category II.
7. Topographic Category 1 with Crest Height of 0.00 ft
8. TOWER RATING: 55.6%

BLACK & VEATCH
Building a world of difference.

Black & Veatch Corp.
6800 W. 115th St., Suite 2292
Overland Park, KS 66211
Phone: (913) 458-6909
FAX: (913) 458-8136

Job: ***Wappingers Falls / BOB'S Antiq (BU# 876367***			
Project: ***406642 (876367.2011394)***			
Client: Crown Castle	Drawn by: Aditya Kulkarni	App'd:	
Code: TIA-222-H	Date: 08/20/21	Scale: NTS	
Path:		Dwg No. E-1	

Tower Input Data

The tower is a monopole.
This tower is designed using the TIA-222-H standard.
The following design criteria apply:

- Tower is located in New London County, Connecticut.
- Tower base elevation above sea level: 286.00 ft.
- Basic wind speed of 135 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 1.5000 in.
- Ice thickness is considered to increase with height.
- Ice density of 56 pcf.
- A wind speed of 50 mph is used in combination with ice.
- Temperature drop of 50 °F.
- Deflections calculated using a wind speed of 60 mph.
- A non-linear (P-delta) analysis was used.
- Pressures are calculated at each section.
- Stress ratio used in pole design is 1.
- Tower analysis based on target reliabilities in accordance with Annex S.
- Load Modification Factors used: $K_{es}(F_w) = 0.95$, $K_{es}(t_i) = 0.85$.
- Maximum demand-capacity ratio is: 1.05.
- Local bending stresses due to climbing loads, feed line supports, and appurtenance mounts are not considered.

Options

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

Tapered Pole Section Geometry

Section	Elevation ft	Section Length ft	Splice Length ft	Number of Sides	Top Diameter in	Bottom Diameter in	Wall Thickness in	Bend Radius in	Pole Grade
L1	179.50-129.75	49.75	4.50	18	19.5900	31.8600	0.3125	1.2500	A572-65 (65 ksi)
L2	129.75-84.58	49.67	5.83	18	30.1252	42.2600	0.3750	1.5000	A572-65 (65 ksi)
L3	84.58-40.70	49.71	7.08	18	40.0857	52.2100	0.4375	1.7500	A572-65 (65 ksi)
L4	40.70-0.00	47.78		18	49.6082	61.2500	0.5000	2.0000	A572-65 (65 ksi)

Tapered Pole Properties

Section	Tip Dia. in	Area in^2	I in^4	r in	C in	I/C in^3	J in^4	It/Q in^2	w in	w/t
L1	19.8440	19.1209	897.7316	6.8435	9.9517	90.2087	1796.6445	9.5623	2.8978	9.273
	32.3033	31.2912	3934.4972	11.1994	16.1849	243.0971	7874.1715	15.6486	5.0574	16.184
L2	31.6484	35.4101	3959.5256	10.5613	15.3036	258.7320	7924.2612	17.7084	4.6420	12.379
	42.8541	49.8536	11049.7181	14.8692	21.4681	514.7045	22113.9758	24.9315	6.7778	18.074
L3	42.0804	55.0564	10934.3273	14.0751	20.3635	536.9565	21883.0422	27.5335	6.2851	14.366
	52.9479	71.8926	24345.5640	18.3792	26.5227	917.9149	48723.1625	35.9531	8.4190	19.243
L4	52.0480	77.9347	23745.2036	17.4334	25.2010	942.2343	47521.6518	38.9747	7.8510	15.702
	62.1177	96.4103	44952.4352	21.5663	31.1150	1444.7191	89964.0200	48.2143	9.9000	19.8

Tower Elevation ft	Gusset Area (per face) ft^2	Gusset Thickness in	Gusset Grade	Adjust. Factor A_f	Adjust. Factor A_r	Weight Mult.	Double Angle Stitch Bolt Spacing Diagonals in	Double Angle Stitch Bolt Spacing Horizontals in	Double Angle Stitch Bolt Spacing Redundants in
L1 179.50-129.75				1	1	1			
L2 129.75-84.58				1	1	1			
L3 84.58-40.70				1	1	1			
L4 40.70-0.00				1	1	1			

Feed Line/Linear Appurtenances - Entered As Round Or Flat

Description	Sector	Exclude From Torque Calculation	Component Type	Placement ft	Total Number	Number Per Row	Start/End Position	Width or Diameter in	Perimeter in	Weight plf
Safety Line 3/8 ***60***	A	No	Surface Ar (CaAa)	179.50 - 8.00	1	1	0.250 0.260	0.3750		0.22
LDF4-50A(1/2) **** *** ***	A	No	Surface Ar (CaAa)	60.00 - 7.00	1	1	-0.125 -0.120	0.0000		0.15

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
177									
HB158-21U6S24-xxM_TMO(1-5/8)	C	No	No	Inside Pole	177.00 - 0.00	4	No Ice	0.00	2.50
							1/2" Ice	0.00	2.50
							1" Ice	0.00	2.50
							2" Ice	0.00	2.50
167									
WR-VG86ST-BRD(3/4)	C	No	No	Inside Pole	165.00 - 0.00	4	No Ice	0.00	0.58
							1/2" Ice	0.00	0.58
							1" Ice	0.00	0.58
							2" Ice	0.00	0.58
FB-L98B-034-XXX(3/8)	C	No	No	Inside Pole	165.00 - 0.00	1	No Ice	0.00	0.06
							1/2" Ice	0.00	0.06
							1" Ice	0.00	0.06
							2" Ice	0.00	0.06
LDF6-50A(1-1/4)	C	No	No	Inside Pole	165.00 - 0.00	12	No Ice	0.00	0.60
							1/2" Ice	0.00	0.60
							1" Ice	0.00	0.60
							2" Ice	0.00	0.60
FB-L98B-002-75000(3/8)	C	No	No	Inside Pole	165.00 - 0.00	1	No Ice	0.00	0.06
							1/2" Ice	0.00	0.06
							1" Ice	0.00	0.06
							2" Ice	0.00	0.06
WR-VG122ST-BRDA(7/16)	C	No	No	Inside Pole	165.00 - 0.00	2	No Ice	0.00	0.14
							1/2" Ice	0.00	0.14
							1" Ice	0.00	0.14
							2" Ice	0.00	0.14
2" innerduct conduit	C	No	No	Inside Pole	165.00 - 0.00	3	No Ice	0.00	0.20
							1/2" Ice	0.00	0.20
							1" Ice	0.00	0.20
							2" Ice	0.00	0.20
155									
FLC 158-50J(1-5/8)	C	No	No	Inside Pole	155.00 - 0.00	10	No Ice	0.00	0.92
							1/2" Ice	0.00	0.92
							1" Ice	0.00	0.92
							2" Ice	0.00	0.92
***									

Feed Line/Linear Appurtenances Section Areas

Tower Section	Tower Elevation ft	Face	A_R ft^2	A_F ft^2	C_AA_A In Face ft^2	C_AA_A Out Face ft^2	Weight K
L1	179.50-129.75	A	0.000	0.000	1.866	0.000	0.01
		B	0.000	0.000	0.000	0.000	0.00
		C	0.000	0.000	0.000	0.000	1.08
L2	129.75-84.58	A	0.000	0.000	1.694	0.000	0.01
		B	0.000	0.000	0.000	0.000	0.00
		C	0.000	0.000	0.000	0.000	1.34
L3	84.58-40.70	A	0.000	0.000	1.646	0.000	0.01
		B	0.000	0.000	0.000	0.000	0.00
		C	0.000	0.000	0.000	0.000	1.30
L4	40.70-0.00	A	0.000	0.000	1.226	0.000	0.01
		B	0.000	0.000	0.000	0.000	0.00
		C	0.000	0.000	0.000	0.000	1.21

Feed Line/Linear Appurtenances Section Areas - With Ice

Tower Section	Tower Elevation ft	Face or Leg	Ice Thickness in	A_R ft^2	A_F ft^2	C_AA_A In Face ft^2	C_AA_A Out Face ft^2	Weight K
L1	179.50-129.75	A	1.486	0.000	0.000	16.654	0.000	0.18

Tower Section	Tower Elevation ft	Face or Leg	Ice Thickness in	A_R ft^2	A_F ft^2	C_AA_A In Face ft^2	C_AA_A Out Face ft^2	Weight K
		B		0.000	0.000	0.000	0.000	0.00
		C		0.000	0.000	0.000	0.000	1.08
L2	129.75-84.58	A	1.433	0.000	0.000	15.121	0.000	0.16
		B		0.000	0.000	0.000	0.000	0.00
		C		0.000	0.000	0.000	0.000	1.34
L3	84.58-40.70	A	1.359	0.000	0.000	19.757	0.000	0.20
		B		0.000	0.000	0.000	0.000	0.00
		C		0.000	0.000	0.000	0.000	1.30
L4	40.70-0.00	A	1.211	0.000	0.000	19.271	0.000	0.18
		B		0.000	0.000	0.000	0.000	0.00
		C		0.000	0.000	0.000	0.000	1.21

Feed Line Center of Pressure

Section	Elevation ft	CP_X in	CP_Z in	CP_X Ice in	CP_Z Ice in
L1	179.50-129.75	-0.1480	-0.2626	-0.6620	-1.1749
L2	129.75-84.58	-0.1483	-0.2632	-0.7017	-1.2453
L3	84.58-40.70	-0.1485	-0.2635	-1.2405	-1.3701
L4	40.70-0.00	-0.1176	-0.2087	-1.4652	-1.1945

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

Shielding Factor Ka

Tower Section	Feed Line Record No.	Description	Feed Line Segment Elev.	K_a No Ice	K_a Ice
L1	1	Safety Line 3/8	129.75 - 179.50	1.0000	1.0000
L2	1	Safety Line 3/8	84.58 - 129.75	1.0000	1.0000
L3	1	Safety Line 3/8	40.70 - 84.58	1.0000	1.0000
L3	17	LDF4-50A(1/2)	40.70 - 60.00	1.0000	1.0000
L4	1	Safety Line 3/8	8.00 - 40.70	1.0000	1.0000
L4	17	LDF4-50A(1/2)	7.00 - 40.70	1.0000	1.0000

Discrete Tower Loads

Description	Face or Leg	Offset Type	Offsets: Horz Lateral ft / Vert ft / ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
177									
Site Pro 1 RMQP-496 + HRK12-U 12.5' Platform with Handrails	C	None		0.0000	177.00	No Ice	21.17	19.65	1.49
						1/2" Ice	25.84	24.18	1.83
						1" Ice	30.51	28.79	2.29
						2" Ice	39.85	37.77	2.85
(2) 8'x2" Mount Pipe	A	From Face	3.00 / 0.00 / 0.00	0.0000	177.00	No Ice	1.90	1.90	0.03
						1/2" Ice	2.73	2.73	0.04
						1" Ice	3.40	3.40	0.06
						2" Ice	4.40	4.40	0.12
(2) 8'x2" Mount Pipe	B	From Face	3.00	0.0000	177.00	No Ice	1.90	1.90	0.03

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
			0.00			1/2"	2.73	2.73	0.04
			0.00			Ice	3.40	3.40	0.06
						1" Ice	4.40	4.40	0.12
						2" Ice			
(2) 8'x2" Mount Pipe	C	From Face	3.00	0.0000	177.00	No Ice	1.90	1.90	0.03
			0.00			1/2"	2.73	2.73	0.04
			0.00			Ice	3.40	3.40	0.06
						1" Ice	4.40	4.40	0.12
						2" Ice			
APX16DWV-16DWV-S-E-A20 w/ Mount Pipe	A	From Face	3.00	0.0000	177.00	No Ice	6.29	2.76	0.06
			0.00			1/2"	6.86	3.27	0.11
			0.00			Ice	7.45	3.79	0.16
						1" Ice	8.68	4.90	0.29
						2" Ice			
APX16DWV-16DWV-S-E-A20 w/ Mount Pipe	B	From Face	3.00	0.0000	177.00	No Ice	6.29	2.76	0.06
			0.00			1/2"	6.86	3.27	0.11
			0.00			Ice	7.45	3.79	0.16
						1" Ice	8.68	4.90	0.29
						2" Ice			
APX16DWV-16DWV-S-E-A20 w/ Mount Pipe	C	From Face	3.00	0.0000	177.00	No Ice	6.29	2.76	0.06
			0.00			1/2"	6.86	3.27	0.11
			0.00			Ice	7.45	3.79	0.16
						1" Ice	8.68	4.90	0.29
						2" Ice			
APXVAALL24_43-U-NA20_TMO w/ Mount Pipe	A	From Face	3.00	0.0000	177.00	No Ice	14.69	6.87	0.18
			0.00			1/2"	15.46	7.55	0.31
			0.00			Ice	16.23	8.25	0.45
						1" Ice	17.82	9.67	0.78
						2" Ice			
APXVAALL24_43-U-NA20_TMO w/ Mount Pipe	B	From Face	3.00	0.0000	177.00	No Ice	14.69	6.87	0.18
			0.00			1/2"	15.46	7.55	0.31
			0.00			Ice	16.23	8.25	0.45
						1" Ice	17.82	9.67	0.78
						2" Ice			
APXVAALL24_43-U-NA20_TMO w/ Mount Pipe	C	From Face	3.00	0.0000	177.00	No Ice	14.69	6.87	0.18
			0.00			1/2"	15.46	7.55	0.31
			0.00			Ice	16.23	8.25	0.45
						1" Ice	17.82	9.67	0.78
						2" Ice			
AIR6449 B41_T-MOBILE	A	From Face	3.00	0.0000	177.00	No Ice	5.27	2.03	0.11
			0.00			1/2"	5.70	2.36	0.15
			0.00			Ice	6.14	2.70	0.20
						1" Ice	7.06	3.43	0.30
						2" Ice			
AIR6449 B41_T-MOBILE	B	From Face	3.00	0.0000	177.00	No Ice	5.27	2.03	0.11
			0.00			1/2"	5.70	2.36	0.15
			0.00			Ice	6.14	2.70	0.20
						1" Ice	7.06	3.43	0.30
						2" Ice			
AIR6449 B41_T-MOBILE	C	From Face	3.00	0.0000	177.00	No Ice	5.27	2.03	0.11
			0.00			1/2"	5.70	2.36	0.15
			0.00			Ice	6.14	2.70	0.20
						1" Ice	7.06	3.43	0.30
						2" Ice			
RADIO 4415 B66A	A	From Face	3.00	0.0000	177.00	No Ice	1.86	0.87	0.05
			0.00			1/2"	2.03	1.00	0.06
			0.00			Ice	2.20	1.13	0.08
						1" Ice	2.58	1.43	0.12
						2" Ice			
RADIO 4415 B66A	B	From Face	3.00	0.0000	177.00	No Ice	1.86	0.87	0.05
			0.00			1/2"	2.03	1.00	0.06
			0.00			Ice	2.20	1.13	0.08
						1" Ice	2.58	1.43	0.12
						2" Ice			
RADIO 4415 B66A	C	From Face	3.00	0.0000	177.00	No Ice	1.86	0.87	0.05

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
			0.00 0.00			1/2" Ice 1" Ice 2" Ice	2.03 2.20 2.58	1.00 1.13 1.43	0.06 0.08 0.12
RADIO 4424 B25_TMO	A	From Face	3.00 0.00 0.00	0.0000	177.00	No Ice 1/2" Ice 1" Ice 2" Ice	2.05 2.23 2.42 2.81	1.61 1.77 1.94 2.30	0.09 0.11 0.13 0.19
RADIO 4424 B25_TMO	B	From Face	3.00 0.00 0.00	0.0000	177.00	No Ice 1/2" Ice 1" Ice 2" Ice	2.05 2.23 2.42 2.81	1.61 1.77 1.94 2.30	0.09 0.11 0.13 0.19
RADIO 4424 B25_TMO	C	From Face	3.00 0.00 0.00	0.0000	177.00	No Ice 1/2" Ice 1" Ice 2" Ice	2.05 2.23 2.42 2.81	1.61 1.77 1.94 2.30	0.09 0.11 0.13 0.19
RADIO 4449 B71 B85A_T-MOBILE	A	From Face	3.00 0.00 0.00	0.0000	177.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.97 2.15 2.33 2.72	1.59 1.75 1.92 2.28	0.07 0.09 0.12 0.17
RADIO 4449 B71 B85A_T-MOBILE	B	From Face	3.00 0.00 0.00	0.0000	177.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.97 2.15 2.33 2.72	1.59 1.75 1.92 2.28	0.07 0.09 0.12 0.17
RADIO 4449 B71 B85A_T-MOBILE	C	From Face	3.00 0.00 0.00	0.0000	177.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.97 2.15 2.33 2.72	1.59 1.75 1.92 2.28	0.07 0.09 0.12 0.17
167 Platform Mount [LP 303-1_HR-1]	C	None		0.0000	167.00	No Ice 1/2" Ice 1" Ice 2" Ice	17.09 21.47 25.72 33.96	17.09 21.47 25.72 33.96	1.50 1.88 2.35 3.52
6'x2" Mount Pipe	A	From Leg	3.00 0.00 0.00	0.0000	167.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.43 1.92 2.29 3.06	1.43 1.92 2.29 3.06	0.02 0.03 0.05 0.09
6'x2" Mount Pipe	B	From Leg	3.00 0.00 0.00	0.0000	167.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.43 1.92 2.29 3.06	1.43 1.92 2.29 3.06	0.02 0.03 0.05 0.09
6'x2" Mount Pipe	C	From Leg	3.00 0.00 0.00	0.0000	167.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.43 1.92 2.29 3.06	1.43 1.92 2.29 3.06	0.02 0.03 0.05 0.09
80010964 w/ Mount Pipe	A	From Leg	3.00 0.00 0.00	0.0000	167.00	No Ice 1/2" Ice 1" Ice 2" Ice	8.61 9.18 9.77 10.98	4.10 4.59 5.10 6.16	0.12 0.19 0.26 0.45
80010964 w/ Mount Pipe	A	From Leg	3.00 0.00 0.00	0.0000	167.00	No Ice 1/2" Ice 1" Ice 2" Ice	8.61 9.18 9.77 10.98	4.10 4.59 5.10 6.16	0.12 0.19 0.26 0.45

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
(2) 80010966 w/ Mount Pipe	B	From Leg	3.00 0.00 0.00	0.0000	167.00	No Ice 1/2" Ice 1" Ice 2" Ice	14.61 15.47 16.35 18.14	6.84 7.63 8.42 10.06	0.16 0.27 0.39 0.68
(2) 80010966 w/ Mount Pipe	C	From Leg	3.00 0.00 0.00	0.0000	167.00	No Ice 1/2" Ice 1" Ice 2" Ice	14.61 15.47 16.35 18.14	6.84 7.63 8.42 10.06	0.16 0.27 0.39 0.68
7770.00 w/ Mount Pipe	A	From Leg	3.00 0.00 2.00	0.0000	167.00	No Ice 1/2" Ice 1" Ice 2" Ice	5.75 6.18 6.61 7.49	4.25 5.01 5.71 7.16	0.06 0.10 0.16 0.29
7770.00 w/ Mount Pipe	B	From Leg	3.00 0.00 2.00	0.0000	167.00	No Ice 1/2" Ice 1" Ice 2" Ice	5.75 6.18 6.61 7.49	4.25 5.01 5.71 7.16	0.06 0.10 0.16 0.29
7770.00 w/ Mount Pipe	C	From Leg	3.00 0.00 2.00	0.0000	167.00	No Ice 1/2" Ice 1" Ice 2" Ice	5.75 6.18 6.61 7.49	4.25 5.01 5.71 7.16	0.06 0.10 0.16 0.29
DC6-48-60-18-8F	A	From Leg	1.00 0.00 0.00	0.0000	167.00	No Ice 1/2" Ice 1" Ice 2" Ice	0.92 1.46 1.64 2.04	0.92 1.46 1.64 2.04	0.02 0.04 0.06 0.11
DC6-48-60-18-8F	B	From Leg	1.00 0.00 0.00	0.0000	167.00	No Ice 1/2" Ice 1" Ice 2" Ice	0.92 1.46 1.64 2.04	0.92 1.46 1.64 2.04	0.02 0.04 0.06 0.11
DC6-48-60-18-8F	C	From Leg	1.00 0.00 0.00	0.0000	167.00	No Ice 1/2" Ice 1" Ice 2" Ice	0.92 1.46 1.64 2.04	0.92 1.46 1.64 2.04	0.02 0.04 0.06 0.11
RRUS 4478 B14	A	From Leg	3.00 0.00 0.00	0.0000	167.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.84 2.01 2.19 2.57	1.06 1.20 1.34 1.66	0.06 0.08 0.09 0.14
RRUS 4478 B14	B	From Leg	3.00 0.00 0.00	0.0000	167.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.84 2.01 2.19 2.57	1.06 1.20 1.34 1.66	0.06 0.08 0.09 0.14
RRUS 4478 B14	C	From Leg	3.00 0.00 0.00	0.0000	167.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.84 2.01 2.19 2.57	1.06 1.20 1.34 1.66	0.06 0.08 0.09 0.14
RRUS 8843 B2/B66A	A	From Leg	3.00 0.00 0.00	0.0000	167.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.64 1.80 1.97 2.32	1.35 1.50 1.65 1.99	0.07 0.09 0.11 0.16
RRUS 8843 B2/B66A	B	From Leg	3.00 0.00 0.00	0.0000	167.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.64 1.80 1.97 2.32	1.35 1.50 1.65 1.99	0.07 0.09 0.11 0.16

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
RRUS 8843 B2/B66A	C	From Leg	3.00 0.00 0.00	0.0000	167.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.64 1.80 1.97 2.32	1.35 1.50 1.65 1.99	0.07 0.09 0.11 0.16
RRUS 4449 B5/B12	A	From Leg	3.00 0.00 0.00	0.0000	167.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.97 2.14 2.33 2.72	1.41 1.56 1.73 2.07	0.07 0.09 0.11 0.16
RRUS 4449 B5/B12	B	From Leg	3.00 0.00 0.00	0.0000	167.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.97 2.14 2.33 2.72	1.41 1.56 1.73 2.07	0.07 0.09 0.11 0.16
RRUS 4449 B5/B12	C	From Leg	3.00 0.00 0.00	0.0000	167.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.97 2.14 2.33 2.72	1.41 1.56 1.73 2.07	0.07 0.09 0.11 0.16
(2) LGP 17201	A	From Leg	3.00 0.00 0.00	0.0000	167.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.67 1.83 2.00 2.36	0.47 0.57 0.68 0.91	0.03 0.04 0.06 0.09
(2) LGP 17201	B	From Leg	3.00 0.00 0.00	0.0000	167.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.67 1.83 2.00 2.36	0.47 0.57 0.68 0.91	0.03 0.04 0.06 0.09
(2) LGP 17201	C	From Leg	3.00 0.00 0.00	0.0000	167.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.67 1.83 2.00 2.36	0.47 0.57 0.68 0.91	0.03 0.04 0.06 0.09
782 10253	A	From Leg	3.00 0.00 0.00	0.0000	167.00	No Ice 1/2" Ice 1" Ice 2" Ice	0.11 0.15 0.20 0.33	0.06 0.10 0.14 0.25	0.00 0.00 0.01 0.01
782 10253	B	From Leg	3.00 0.00 0.00	0.0000	167.00	No Ice 1/2" Ice 1" Ice 2" Ice	0.11 0.15 0.20 0.33	0.06 0.10 0.14 0.25	0.00 0.00 0.01 0.01
782 10253	C	From Leg	3.00 0.00 0.00	0.0000	167.00	No Ice 1/2" Ice 1" Ice 2" Ice	0.11 0.15 0.20 0.33	0.06 0.10 0.14 0.25	0.00 0.00 0.01 0.01
155									
Platform Mount [LP 303-1]	C	None		0.0000	155.00	No Ice 1/2" Ice 1" Ice 2" Ice	14.69 18.01 21.34 28.08	14.69 18.01 21.34 28.08	1.25 1.57 1.94 2.85
Mount Reinforcement Specifications	C	None		0.0000	155.00	No Ice 1/2" Ice 1" Ice 2" Ice	28.63 37.31 45.80 62.38	28.63 37.31 45.80 62.38	0.28 0.67 0.94 1.63
JAM Wirless 91900314 Dual-mount Antenna Bracket	A	From Face	3.00 0.00 0.00	0.0000	155.00	No Ice 1/2" Ice 1" Ice	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.07 0.09 0.11 0.15

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
						2" Ice			
JAM Wirless 91900314 Dual-mount Antenna Bracket	B	From Face	3.00 0.00 0.00	0.0000	155.00	No Ice 1/2" Ice 1" Ice 2" Ice	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.07 0.09 0.11 0.15
JAM Wirless 91900314 Dual-mount Antenna Bracket	C	From Face	3.00 0.00 0.00	0.0000	155.00	No Ice 1/2" Ice 1" Ice 2" Ice	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.07 0.09 0.11 0.15
(2) LPA-80080/4CF w/ Mount Pipe	A	From Face	3.00 0.00 2.00	0.0000	155.00	No Ice 1/2" Ice 1" Ice 2" Ice	2.86 3.22 3.59 4.34	6.57 7.19 7.84 9.17	0.03 0.08 0.13 0.25
(2) LPA-80080/4CF w/ Mount Pipe	B	From Face	3.00 0.00 2.00	0.0000	155.00	No Ice 1/2" Ice 1" Ice 2" Ice	2.86 3.22 3.59 4.34	6.57 7.19 7.84 9.17	0.03 0.08 0.13 0.25
(2) LPA-80063/4CF w/ Mount Pipe	C	From Face	3.00 0.00 2.00	0.0000	155.00	No Ice 1/2" Ice 1" Ice 2" Ice	6.38 6.78 7.19 8.04	6.60 7.23 7.88 9.21	0.04 0.10 0.18 0.34
(2) MX06FRO660-03 w/ Mount Pipe	A	From Face	3.00 0.00 2.00	0.0000	155.00	No Ice 1/2" Ice 1" Ice 2" Ice	6.54 7.06 7.60 8.70	5.55 6.05 6.57 7.65	0.10 0.18 0.28 0.50
(2) MX06FRO660-03 w/ Mount Pipe	B	From Face	3.00 0.00 2.00	0.0000	155.00	No Ice 1/2" Ice 1" Ice 2" Ice	6.54 7.06 7.60 8.70	5.55 6.05 6.57 7.65	0.10 0.18 0.28 0.50
(2) MX06FRO660-03 w/ Mount Pipe	C	From Face	3.00 0.00 2.00	0.0000	155.00	No Ice 1/2" Ice 1" Ice 2" Ice	6.54 7.06 7.60 8.70	5.55 6.05 6.57 7.65	0.10 0.18 0.28 0.50
MT6407-77A w/ Mount Pipe	A	From Face	3.00 0.00 2.00	0.0000	155.00	No Ice 1/2" Ice 1" Ice 2" Ice	4.91 5.26 5.61 6.36	2.68 3.14 3.62 4.63	0.10 0.14 0.18 0.29
MT6407-77A w/ Mount Pipe	B	From Face	3.00 0.00 2.00	0.0000	155.00	No Ice 1/2" Ice 1" Ice 2" Ice	4.91 5.26 5.61 6.36	2.68 3.14 3.62 4.63	0.10 0.14 0.18 0.29
MT6407-77A w/ Mount Pipe	C	From Face	3.00 0.00 2.00	0.0000	155.00	No Ice 1/2" Ice 1" Ice 2" Ice	4.91 5.26 5.61 6.36	2.68 3.14 3.62 4.63	0.10 0.14 0.18 0.29
RF4439D-25A	A	From Face	3.00 0.00 2.00	0.0000	155.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.87 2.03 2.21 2.59	1.25 1.39 1.54 1.87	0.07 0.09 0.11 0.17
RF4439D-25A	B	From Face	3.00 0.00 2.00	0.0000	155.00	No Ice 1/2" Ice 1" Ice	1.87 2.03 2.21 2.59	1.25 1.39 1.54 1.87	0.07 0.09 0.11 0.17

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
						2" Ice			
RF4439D-25A	C	From Face	3.00 0.00 2.00	0.0000	155.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.87 2.03 2.21 2.59	1.25 1.39 1.54 1.87	0.07 0.09 0.11 0.17
RF4440D-13A	A	From Face	3.00 0.00 2.00	0.0000	155.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.87 2.03 2.21 2.59	1.13 1.27 1.41 1.72	0.07 0.09 0.11 0.16
RF4440D-13A	B	From Face	3.00 0.00 2.00	0.0000	155.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.87 2.03 2.21 2.59	1.13 1.27 1.41 1.72	0.07 0.09 0.11 0.16
RF4440D-13A	C	From Face	3.00 0.00 2.00	0.0000	155.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.87 2.03 2.21 2.59	1.13 1.27 1.41 1.72	0.07 0.09 0.11 0.16
RVZDC-6627-PF-48	A	From Face	3.00 0.00 2.00	0.0000	155.00	No Ice 1/2" Ice 1" Ice 2" Ice	3.79 4.04 4.30 4.84	2.51 2.73 2.95 3.42	0.03 0.06 0.10 0.18
60									
Side Arm Mount [SO 701-1]	A	From Face	0.00 0.00 0.00	0.0000	60.00	No Ice 1/2" Ice 1" Ice 2" Ice	0.85 1.14 1.43 2.01	1.67 2.34 3.01 4.35	0.07 0.08 0.09 0.12
GPS_A	A	From Face	3.00 0.00 0.00	0.0000	60.00	No Ice 1/2" Ice 1" Ice 2" Ice	0.26 0.32 0.39 0.56	0.26 0.32 0.39 0.56	0.00 0.00 0.01 0.02
*** ***									

Load Combinations

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

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

Maximum Member Forces

Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial K	Major Axis Moment kip-ft	Minor Axis Moment kip-ft
L1	179.5 - 129.75	Pole	Max Tension	14	0.00	-0.00	0.00
			Max. Compression	26	-35.60	0.74	-1.77
			Max. Mx	20	-16.12	633.06	0.16
			Max. My	14	-16.13	-0.43	-630.24
			Max. Vy	20	-21.03	633.06	0.16
			Max. Vx	14	21.01	-0.43	-630.24
			Max. Torque	9			-0.90
L2	129.75 - 84.58	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-48.51	0.95	-1.65
			Max. Mx	20	-26.18	1650.64	1.20
			Max. My	14	-26.18	-1.46	-1647.16
			Max. Vy	20	-25.42	1650.64	1.20
			Max. Vx	14	25.41	-1.46	-1647.16
			Max. Torque	23			0.79
L3	84.58 - 40.7	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-66.20	1.53	-1.31
			Max. Mx	20	-40.38	2831.19	2.12
			Max. My	14	-40.38	-2.14	-2827.09
			Max. Vy	20	-29.89	2831.19	2.12
			Max. Vx	14	29.89	-2.14	-2827.09
			Max. Torque	23			0.79
L4	40.7 - 0	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-91.86	1.96	-1.06
			Max. Mx	20	-61.85	4366.87	2.59
			Max. My	14	-61.85	-2.55	-4362.89
			Max. Vy	20	-34.31	4366.87	2.59
			Max. Vx	14	34.31	-2.55	-4362.89

Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial K	Major Axis Moment kip-ft	Minor Axis Moment kip-ft
			Max. Torque	23			0.79

Maximum Reactions

Location	Condition	Gov. Load Comb.	Vertical K	Horizontal, X K	Horizontal, Z K
Pole	Max. Vert	36	91.86	7.59	-0.00
	Max. H_x	20	61.86	34.27	0.01
	Max. H_z	2	61.86	0.01	34.28
	Max. M_x	2	4362.23	0.01	34.28
	Max. M_z	8	4366.13	-34.27	-0.01
	Max. Torsion	23	0.79	29.69	17.15
	Min. Vert	17	46.40	17.13	-29.68
	Min. H_x	8	61.86	-34.27	-0.01
	Min. H_z	14	61.86	-0.01	-34.28
	Min. M_x	14	-4362.89	-0.01	-34.28
	Min. M_z	20	-4366.87	34.27	0.01
	Min. Torsion	11	-0.77	-29.69	-17.15

Tower Mast Reaction Summary

Load Combination	Vertical K	$Shear_x$ K	$Shear_z$ K	Overturning Moment, M_x kip-ft	Overturning Moment, M_z kip-ft	Torque kip-ft
Dead Only	51.55	0.00	0.00	0.25	0.29	0.00
1.2 Dead+1.0 Wind 0 deg - No Ice	61.86	-0.01	-34.28	-4362.23	3.28	-0.51
0.9 Dead+1.0 Wind 0 deg - No Ice	46.40	-0.01	-34.28	-4309.97	3.14	-0.51
1.2 Dead+1.0 Wind 30 deg - No Ice	61.86	17.13	-29.68	-3776.34	-2180.40	-0.14
0.9 Dead+1.0 Wind 30 deg - No Ice	46.40	17.13	-29.68	-3731.09	-2154.29	-0.14
1.2 Dead+1.0 Wind 60 deg - No Ice	61.86	29.68	-17.13	-2178.44	-3779.72	0.27
0.9 Dead+1.0 Wind 60 deg - No Ice	46.40	29.68	-17.13	-2152.38	-3734.40	0.27
1.2 Dead+1.0 Wind 90 deg - No Ice	61.86	34.27	0.01	3.24	-4366.13	0.60
0.9 Dead+1.0 Wind 90 deg - No Ice	46.40	34.27	0.01	3.10	-4313.78	0.60
1.2 Dead+1.0 Wind 120 deg - No Ice	61.86	29.69	17.15	2184.13	-3782.62	0.77
0.9 Dead+1.0 Wind 120 deg - No Ice	46.40	29.69	17.15	2157.81	-3737.25	0.77
1.2 Dead+1.0 Wind 150 deg - No Ice	61.86	17.14	29.69	3779.89	-2185.44	0.74
0.9 Dead+1.0 Wind 150 deg - No Ice	46.40	17.14	29.69	3734.42	-2159.26	0.74
1.2 Dead+1.0 Wind 180 deg - No Ice	61.86	0.01	34.28	4362.89	-2.55	0.52
0.9 Dead+1.0 Wind 180 deg - No Ice	46.40	0.01	34.28	4310.45	-2.60	0.52
1.2 Dead+1.0 Wind 210 deg - No Ice	61.86	-17.13	29.68	3777.00	2181.13	0.15
0.9 Dead+1.0 Wind 210 deg - No Ice	46.40	-17.13	29.68	3731.57	2154.84	0.15
1.2 Dead+1.0 Wind 240 deg - No Ice	61.86	-29.68	17.13	2179.10	3780.46	-0.26
0.9 Dead+1.0 Wind 240 deg	46.40	-29.68	17.13	2152.86	3734.94	-0.26

Load Combination	Vertical K	$Shear_x$ K	$Shear_z$ K	Overturning Moment, M_x kip-ft	Overturning Moment, M_z kip-ft	Torque kip-ft
- No Ice 1.2 Dead+1.0 Wind 270 deg - No Ice	61.86	-34.27	-0.01	-2.59	4366.87	-0.60
0.9 Dead+1.0 Wind 270 deg - No Ice	46.40	-34.27	-0.01	-2.63	4314.33	-0.60
1.2 Dead+1.0 Wind 300 deg - No Ice	61.86	-29.69	-17.15	-2183.48	3783.35	-0.78
0.9 Dead+1.0 Wind 300 deg - No Ice	46.40	-29.69	-17.15	-2157.34	3737.79	-0.79
1.2 Dead+1.0 Wind 330 deg - No Ice	61.86	-17.14	-29.69	-3779.24	2186.16	-0.75
0.9 Dead+1.0 Wind 330 deg - No Ice	46.40	-17.14	-29.69	-3733.94	2159.79	-0.75
1.2 Dead+1.0 Ice+1.0 Temp	91.86	-0.00	0.00	1.06	1.96	0.00
1.2 Dead+1.0 Wind 0 deg+1.0 Ice+1.0 Temp	91.86	0.00	-7.60	-978.74	2.43	-0.10
1.2 Dead+1.0 Wind 30 deg+1.0 Ice+1.0 Temp	91.86	3.80	-6.58	-847.29	-487.73	-0.04
1.2 Dead+1.0 Wind 60 deg+1.0 Ice+1.0 Temp	91.86	6.58	-3.80	-488.48	-846.63	0.03
1.2 Dead+1.0 Wind 90 deg+1.0 Ice+1.0 Temp	91.86	7.59	-0.00	1.55	-978.12	0.10
1.2 Dead+1.0 Wind 120 deg+1.0 Ice+1.0 Temp	91.86	6.58	3.80	491.49	-846.96	0.14
1.2 Dead+1.0 Wind 150 deg+1.0 Ice+1.0 Temp	91.86	3.80	6.58	850.07	-488.28	0.14
1.2 Dead+1.0 Wind 180 deg+1.0 Ice+1.0 Temp	91.86	-0.00	7.60	981.20	1.79	0.10
1.2 Dead+1.0 Wind 210 deg+1.0 Ice+1.0 Temp	91.86	-3.80	6.58	849.74	491.95	0.04
1.2 Dead+1.0 Wind 240 deg+1.0 Ice+1.0 Temp	91.86	-6.58	3.80	490.93	850.86	-0.03
1.2 Dead+1.0 Wind 270 deg+1.0 Ice+1.0 Temp	91.86	-7.59	0.00	0.90	982.35	-0.10
1.2 Dead+1.0 Wind 300 deg+1.0 Ice+1.0 Temp	91.86	-6.58	-3.80	-489.04	851.18	-0.14
1.2 Dead+1.0 Wind 330 deg+1.0 Ice+1.0 Temp	91.86	-3.80	-6.58	-847.61	492.51	-0.14
Dead+Wind 0 deg - Service	51.55	-0.00	-6.38	-806.53	0.84	-0.10
Dead+Wind 30 deg - Service	51.55	3.19	-5.52	-698.17	-402.99	-0.03
Dead+Wind 60 deg - Service	51.55	5.52	-3.19	-402.66	-698.77	0.05
Dead+Wind 90 deg - Service	51.55	6.38	0.00	0.81	-807.23	0.11
Dead+Wind 120 deg - Service	51.55	5.53	3.19	404.14	-699.31	0.15
Dead+Wind 150 deg - Service	51.55	3.19	5.53	699.25	-403.93	0.14
Dead+Wind 180 deg - Service	51.55	0.00	6.38	807.08	-0.23	0.10
Dead+Wind 210 deg - Service	51.55	-3.19	5.52	698.72	403.61	0.03
Dead+Wind 240 deg - Service	51.55	-5.52	3.19	403.21	699.38	-0.05
Dead+Wind 270 deg - Service	51.55	-6.38	-0.00	-0.26	807.84	-0.11
Dead+Wind 300 deg - Service	51.55	-5.53	-3.19	-403.59	699.92	-0.15
Dead+Wind 330 deg - Service	51.55	-3.19	-5.53	-698.71	404.54	-0.14

Solution Summary

	Sum of Applied Forces			Sum of Reactions			
Load Comb.	PX K	PY K	PZ K	PX K	PY K	PZ K	% Error
1	0.00	-51.55	0.00	0.00	51.55	0.00	0.000%
2	-0.01	-61.86	-34.28	0.01	61.86	34.28	0.000%

Load Comb.	Sum of Applied Forces PX K	PY K	PZ K	Sum of Reactions PX K	PY K	PZ K	% Error
3	-0.01	-46.40	-34.28	0.01	46.40	34.28	0.000%
4	17.13	-61.86	-29.68	-17.13	61.86	29.68	0.000%
5	17.13	-46.40	-29.68	-17.13	46.40	29.68	0.000%
6	29.68	-61.86	-17.13	-29.68	61.86	17.13	0.000%
7	29.68	-46.40	-17.13	-29.68	46.40	17.13	0.000%
8	34.27	-61.86	0.01	-34.27	61.86	-0.01	0.000%
9	34.27	-46.40	0.01	-34.27	46.40	-0.01	0.000%
10	29.69	-61.86	17.15	-29.69	61.86	-17.15	0.000%
11	29.69	-46.40	17.15	-29.69	46.40	-17.15	0.000%
12	17.14	-61.86	29.69	-17.14	61.86	-29.69	0.000%
13	17.14	-46.40	29.69	-17.14	46.40	-29.69	0.000%
14	0.01	-61.86	34.28	-0.01	61.86	-34.28	0.000%
15	0.01	-46.40	34.28	-0.01	46.40	-34.28	0.000%
16	-17.13	-61.86	29.68	17.13	61.86	-29.68	0.000%
17	-17.13	-46.40	29.68	17.13	46.40	-29.68	0.000%
18	-29.68	-61.86	17.13	29.68	61.86	-17.13	0.000%
19	-29.68	-46.40	17.13	29.68	46.40	-17.13	0.000%
20	-34.27	-61.86	-0.01	34.27	61.86	0.01	0.000%
21	-34.27	-46.40	-0.01	34.27	46.40	0.01	0.000%
22	-29.69	-61.86	-17.15	29.69	61.86	17.15	0.000%
23	-29.69	-46.40	-17.15	29.69	46.40	17.15	0.000%
24	-17.14	-61.86	-29.69	17.14	61.86	29.69	0.000%
25	-17.14	-46.40	-29.69	17.14	46.40	29.69	0.000%
26	0.00	-91.86	0.00	0.00	91.86	-0.00	0.000%
27	0.00	-91.86	-7.60	-0.00	91.86	7.60	0.000%
28	3.80	-91.86	-6.58	-3.80	91.86	6.58	0.000%
29	6.58	-91.86	-3.80	-6.58	91.86	3.80	0.000%
30	7.59	-91.86	-0.00	-7.59	91.86	0.00	0.000%
31	6.58	-91.86	3.80	-6.58	91.86	-3.80	0.000%
32	3.80	-91.86	6.58	-3.80	91.86	-6.58	0.000%
33	-0.00	-91.86	7.60	0.00	91.86	-7.60	0.000%
34	-3.80	-91.86	6.58	3.80	91.86	-6.58	0.000%
35	-6.58	-91.86	3.80	6.58	91.86	-3.80	0.000%
36	-7.59	-91.86	0.00	7.59	91.86	-0.00	0.000%
37	-6.58	-91.86	-3.80	6.58	91.86	3.80	0.000%
38	-3.80	-91.86	-6.58	3.80	91.86	6.58	0.000%
39	-0.00	-51.55	-6.38	0.00	51.55	6.38	0.000%
40	3.19	-51.55	-5.52	-3.19	51.55	5.52	0.000%
41	5.52	-51.55	-3.19	-5.52	51.55	3.19	0.000%
42	6.38	-51.55	0.00	-6.38	51.55	-0.00	0.000%
43	5.53	-51.55	3.19	-5.53	51.55	-3.19	0.000%
44	3.19	-51.55	5.53	-3.19	51.55	-5.53	0.000%
45	0.00	-51.55	6.38	-0.00	51.55	-6.38	0.000%
46	-3.19	-51.55	5.52	3.19	51.55	-5.52	0.000%
47	-5.52	-51.55	3.19	5.52	51.55	-3.19	0.000%
48	-6.38	-51.55	-0.00	6.38	51.55	0.00	0.000%
49	-5.53	-51.55	-3.19	5.53	51.55	3.19	0.000%
50	-3.19	-51.55	-5.53	3.19	51.55	5.53	0.000%

Non-Linear Convergence Results

Load Combination	Converged?	Number of Cycles	Displacement Tolerance	Force Tolerance
1	Yes	4	0.00000001	0.00000001
2	Yes	4	0.00000001	0.00077020
3	Yes	4	0.00000001	0.00029971
4	Yes	6	0.00000001	0.00007656
5	Yes	5	0.00000001	0.00060292
6	Yes	6	0.00000001	0.00007619
7	Yes	5	0.00000001	0.00059990
8	Yes	4	0.00000001	0.00084995
9	Yes	4	0.00000001	0.00037977
10	Yes	6	0.00000001	0.00007785
11	Yes	5	0.00000001	0.00061315
12	Yes	6	0.00000001	0.00007613

13	Yes	5	0.00000001	0.00059933
14	Yes	4	0.00000001	0.00074315
15	Yes	4	0.00000001	0.00026935
16	Yes	6	0.00000001	0.00007662
17	Yes	5	0.00000001	0.00060326
18	Yes	6	0.00000001	0.00007715
19	Yes	5	0.00000001	0.00060756
20	Yes	4	0.00000001	0.00080545
21	Yes	4	0.00000001	0.00033670
22	Yes	6	0.00000001	0.00007606
23	Yes	5	0.00000001	0.00059881
24	Yes	6	0.00000001	0.00007762
25	Yes	5	0.00000001	0.00061135
26	Yes	4	0.00000001	0.00001284
27	Yes	5	0.00000001	0.00038375
28	Yes	5	0.00000001	0.00044517
29	Yes	5	0.00000001	0.00044523
30	Yes	5	0.00000001	0.00038491
31	Yes	5	0.00000001	0.00045032
32	Yes	5	0.00000001	0.00044933
33	Yes	5	0.00000001	0.00038732
34	Yes	5	0.00000001	0.00045151
35	Yes	5	0.00000001	0.00045191
36	Yes	5	0.00000001	0.00038717
37	Yes	5	0.00000001	0.00044816
38	Yes	5	0.00000001	0.00044868
39	Yes	4	0.00000001	0.00004380
40	Yes	4	0.00000001	0.00019350
41	Yes	4	0.00000001	0.00018995
42	Yes	4	0.00000001	0.00004587
43	Yes	4	0.00000001	0.00020380
44	Yes	4	0.00000001	0.00018918
45	Yes	4	0.00000001	0.00004379
46	Yes	4	0.00000001	0.00019466
47	Yes	4	0.00000001	0.00019904
48	Yes	4	0.00000001	0.00004570
49	Yes	4	0.00000001	0.00018800
50	Yes	4	0.00000001	0.00020179

Maximum Tower Deflections - Service Wind

Section No.	Elevation	Horz. Deflection	Gov. Load Comb.	Tilt	Twist
	ft	in		°	°
L1	179.5 - 129.75	21.717	48	1.1372	0.0014
L2	134.25 - 84.58	11.626	48	0.9121	0.0006
L3	90.41 - 40.7	4.873	49	0.5414	0.0002
L4	47.78 - 0	1.294	49	0.2497	0.0001

Critical Deflections and Radius of Curvature - Service Wind

Elevation	Appurtenance	Gov. Load Comb.	Deflection	Tilt	Twist	Radius of Curvature
ft			in	°	°	ft
177.00	Site Pro 1 RMQP-496 + HRK12-U 12.5' Platform with Handrails	48	21.123	1.1273	0.0013	56097
167.00	Platform Mount [LP 303-1_HR-1]	48	18.761	1.0870	0.0011	22438
155.00	Platform Mount [LP 303-1]	48	16.000	1.0333	0.0009	11448
60.00	Side Arm Mount [SO 701-1]	49	2.034	0.3231	0.0001	7833

Maximum Tower Deflections - Design Wind

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
L1	179.5 - 129.75	117.474	20	6.1592	0.0075
L2	134.25 - 84.58	62.907	20	4.9411	0.0030
L3	90.41 - 40.7	26.368	22	2.9320	0.0011
L4	47.78 - 0	6.999	22	1.3514	0.0004

Critical Deflections and Radius of Curvature - Design Wind

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection in	Tilt °	Twist °	Radius of Curvature ft
177.00	Site Pro 1 RMQP-496 + HRK12-U 12.5' Platform with Handrails	20	114.263	6.1059	0.0072	10570
167.00	Platform Mount [LP 303-1_HR-1]	20	101.490	5.8875	0.0061	4226
155.00	Platform Mount [LP 303-1]	20	86.565	5.5969	0.0049	2153
60.00	Side Arm Mount [SO 701-1]	22	11.003	1.7491	0.0005	1449

Compression Checks

Pole Design Data

Section No.	Elevation ft	Size	L ft	L_u ft	Kl/r	A in^2	P_u K	ϕP_n K	Ratio $\frac{P_u}{\phi P_n}$
L1	179.5 - 129.75 (1)	TP31.86x19.59x0.3125	49.75	0.00	0.0	30.1903	-16.12	1766.14	0.009
L2	129.75 - 84.58 (2)	TP42.26x30.1252x0.375	49.67	0.00	0.0	48.1583	-26.18	2817.26	0.009
L3	84.58 - 40.7 (3)	TP52.21x40.0857x0.4375	49.71	0.00	0.0	69.4947	-40.38	4065.44	0.010
L4	40.7 - 0 (4)	TP61.25x49.6082x0.5	47.78	0.00	0.0	96.4102	-61.85	5640.00	0.011

Pole Bending Design Data

Section No.	Elevation ft	Size	M_{ux} kip-ft	ϕM_{nx} kip-ft	Ratio $\frac{M_{ux}}{\phi M_{nx}}$	M_{uy} kip-ft	ϕM_{ny} kip-ft	Ratio $\frac{M_{uy}}{\phi M_{ny}}$
L1	179.5 - 129.75 (1)	TP31.86x19.59x0.3125	633.07	1392.33	0.455	0.00	1392.33	0.000
L2	129.75 - 84.58 (2)	TP42.26x30.1252x0.375	1651.03	2877.03	0.574	0.00	2877.03	0.000
L3	84.58 - 40.7 (3)	TP52.21x40.0857x0.4375	2832.10	5051.43	0.561	0.00	5051.43	0.000
L4	40.7 - 0 (4)	TP61.25x49.6082x0.5	4368.23	8351.67	0.523	0.00	8351.67	0.000

Pole Shear Design Data

Section No.	Elevation ft	Size	Actual V_u K	ϕV_n K	Ratio $\frac{V_u}{\phi V_n}$	Actual T_u kip-ft	ϕT_n kip-ft	Ratio $\frac{T_u}{\phi T_n}$
L1	179.5 - 129.75 (1)	TP31.86x19.59x0.3125	21.03	529.84	0.040	0.70	1412.33	0.000
L2	129.75 - 84.58 (2)	TP42.26x30.1252x0.375	25.44	845.18	0.030	0.77	2994.76	0.000
L3	84.58 - 40.7 (3)	TP52.21x40.0857x0.4375	29.89	1219.63	0.025	0.78	5345.34	0.000
L4	40.7 - 0 (4)	TP61.25x49.6082x0.5	34.31	1692.00	0.020	0.78	9001.75	0.000

Pole Interaction Design Data

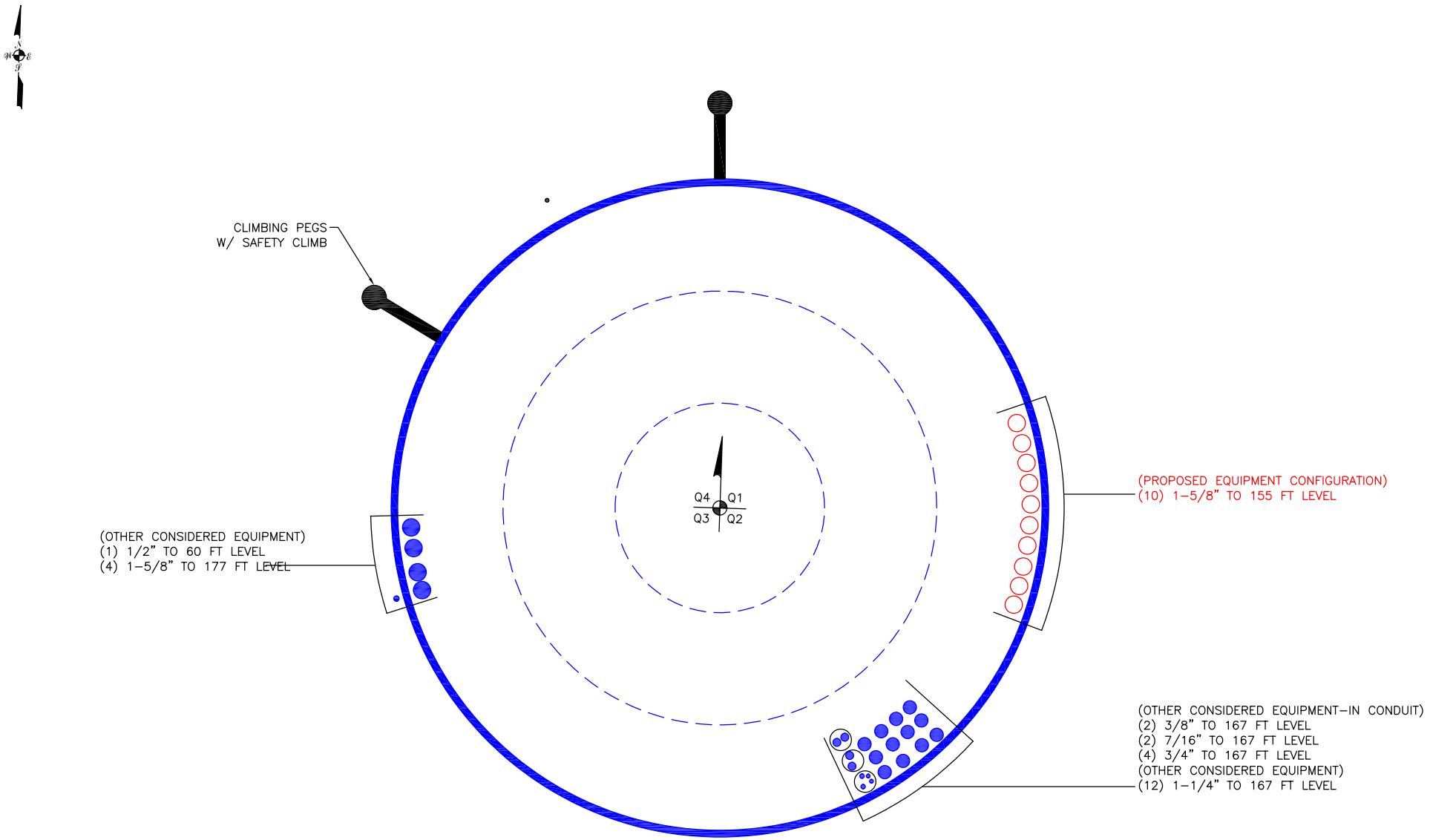
Section No.	Elevation ft	Ratio $\frac{P_u}{\phi P_n}$	Ratio $\frac{M_{ux}}{\phi M_{nx}}$	Ratio $\frac{M_{uy}}{\phi M_{ny}}$	Ratio $\frac{V_u}{\phi V_n}$	Ratio $\frac{T_u}{\phi T_n}$	Comb. Stress Ratio	Allow. Stress Ratio	Criteria
L1	179.5 - 129.75 (1)	0.009	0.455	0.000	0.040	0.000	0.465	1.050	4.8.2
L2	129.75 - 84.58 (2)	0.009	0.574	0.000	0.030	0.000	0.584	1.050	4.8.2
L3	84.58 - 40.7 (3)	0.010	0.561	0.000	0.025	0.000	0.571	1.050	4.8.2
L4	40.7 - 0 (4)	0.011	0.523	0.000	0.020	0.000	0.534	1.050	4.8.2

Section Capacity Table

Section No.	Elevation ft	Component Type	Size	Critical Element	P K	ϕP_{allow} K	% Capacity	Pass Fail
L1	179.5 - 129.75	Pole	TP31.86x19.59x0.3125	1	-16.12	1854.45	44.3	Pass
L2	129.75 - 84.58	Pole	TP42.26x30.1252x0.375	2	-26.18	2958.12	55.6	Pass
L3	84.58 - 40.7	Pole	TP52.21x40.0857x0.4375	3	-40.38	4268.71	54.4	Pass
L4	40.7 - 0	Pole	TP61.25x49.6082x0.5	4	-61.85	5922.00	50.9	Pass
							Summary	
						Pole (L2)	55.6	Pass
						RATING =	**55.6**	**Pass**

APPENDIX B

BASE LEVEL DRAWING



BUSINESS UNIT: 876367 TOWER ID: C_BASELEVEL

APPENDIX C

ADDITIONAL CALCULATIONS

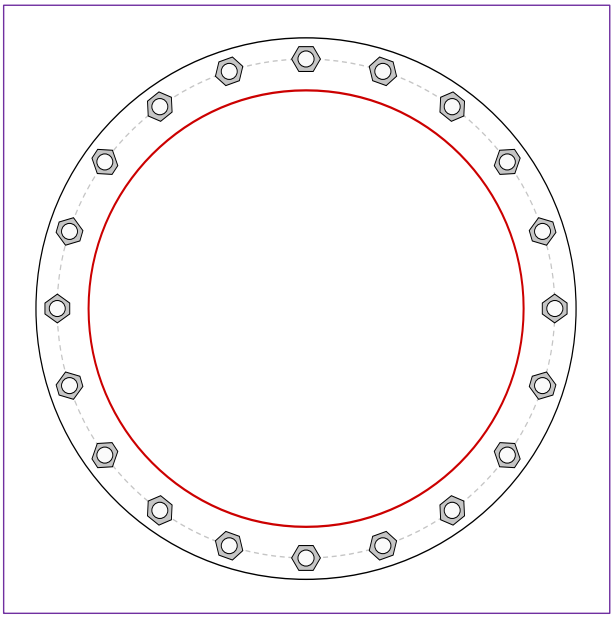
Monopole Base Plate Connection

Site Info	
BU #	876367
Site Name	Wappingers Falls / BO
Order #	583754 Rev. 0

Analysis Considerations	
TIA-222 Revision	H
Grout Considered:	No
l_{ar} (in)	3.1875

Applied Loads	
Moment (kip-ft)	4368.22
Axial Force (kips)	61.85
Shear Force (kips)	34.31

**TIA-222-H Section 15.5 Applied*



Connection Properties

Anchor Rod Data

(20) 2-1/4" ø bolts (A615-75 N; Fy=75 ksi, Fu=100 ksi) on 70" BC

Base Plate Data

76" OD x 2.25" Plate (A871-60; Fy=60 ksi, Fu=75 ksi)

Stiffener Data

N/A

Pole Data

61.25" x 0.5" 18-sided pole (A572-65; Fy=65 ksi, Fu=80 ksi)

Analysis Results

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

Pu_t = 146.61	ϕPn_t = 243.75	**Stress Rating**
Vu = 1.72	ϕVn = 149.1	**57.3%**
Mu = 3.55	ϕMn = 128.14	**Pass**

Base Plate Summary

Max Stress (ksi):	33.64	(Flexural)
Allowable Stress (ksi):	54	
Stress Rating:	**59.3%**	**Pass**

Pier and Pad Foundation

BU # :	876367
Site Name:	Wappingers Falls /
App. Number:	583754 Rev. 0

TIA-222 Revision:	H
Tower Type:	Monopole

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

Superstructure Analysis Reactions		
Compression, P_{comp}:	61.86	kips
Base Shear, Vu_comp:	34.29	kips
Moment, M_u:	4368.22	ft-kips
Tower Height, **H**:	179.5	ft
BP Dist. Above Fdn, bp_{dist}:	7.625	in

Pier Properties		
Pier Shape:	Square	
Pier Diameter, **dpier**:	7.5	ft
Ext. Above Grade, **E**:	1	ft
Pier Rebar Size, **Sc**:	11	
Pier Rebar Quantity, **mc**:	24	
Pier Tie/Spiral Size, **St**:	4	
Pier Tie/Spiral Quantity, **mt**:	2	
Pier Reinforcement Type:	Tie	
Pier Clear Cover, cc_{pier}:	3	in

Pad Properties		
Depth, **D**:	6.5	ft
Pad Width, W_1:	27	ft
Pad Thickness, **T**:	6	ft
Pad Rebar Size (Bottom dir. 2), Sp_2:	11	
Pad Rebar Quantity (Bottom dir. 2), mp_2:	27	
Pad Clear Cover, cc_{pad}:	3	in

Material Properties		
Rebar Grade, **Fy**:	60	ksi
Concrete Compressive Strength, **F'c**:	4	ksi
Dry Concrete Density, δc:	150	pcf

Soil Properties		
Total Soil Unit Weight, γ:	100	pcf
Ultimate Net Bearing, Qnet:	16.000	ksf
Cohesion, **Cu**:	0.000	ksf
Friction Angle, φ:	30	degrees
SPT Blow Count, N_{blows}:		
Base Friction, μ:	0.5	
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)	349.04	34.29	**9.4%**	**Pass**
Bearing Pressure (ksf)	12.49	2.31	**18.5%**	**Pass**
*Overturning (kip*ft)*	8513.96	4647.18	**54.6%**	**Pass**
*Pier Flexure (Comp.) (kip*ft)*	6594.39	4419.66	**63.8%**	**Pass**
Pier Compression (kip)	35802.00	77.05	**0.2%**	**Pass**
*Pad Flexure (kip*ft)*	12459.97	1608.90	**12.3%**	**Pass**
Pad Shear - 1-way (kips)	2055.87	157.90	**7.3%**	**Pass**
Pad Shear - 2-way (Comp) (ksi)	0.190	0.011	**5.5%**	**Pass**
*Flexural 2-way (Comp) (kip*ft)*	23200.14	2651.79	**10.9%**	**Pass**

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

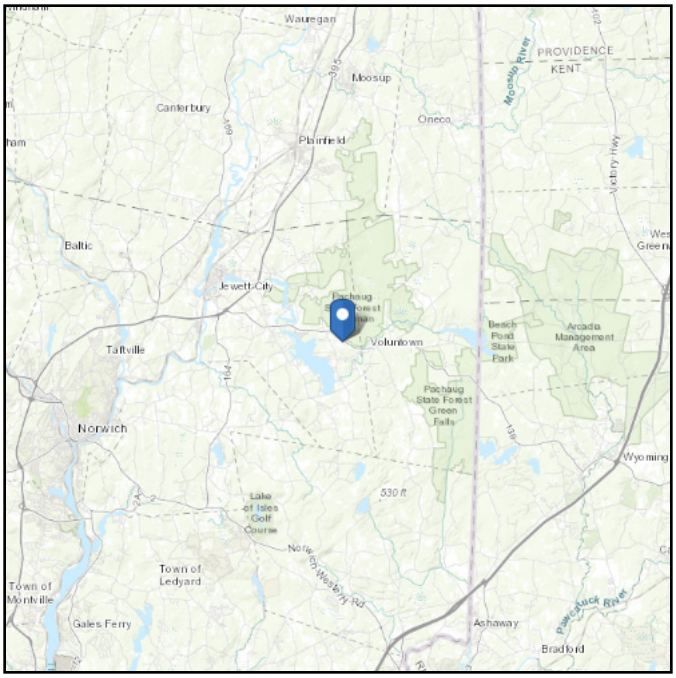
Structural Rating*:	**63.8%**
Soil Rating*:	**54.6%**

ASCE 7 Hazards Report

Address:
No Address at This Location

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

Elevation: 285.92 ft (NAVD 88)
Latitude: 41.576108
Longitude: -71.888044



Wind

Results:

Wind Speed:	~~133 Vmph~~ *Vu=135mph as per Jurisdictional Requirement
10-year MRI	79 Vmph
25-year MRI	89 Vmph
50-year MRI	99 Vmph
100-year MRI	108 Vmph

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

Date Accessed: Thu Aug 19 2021

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

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

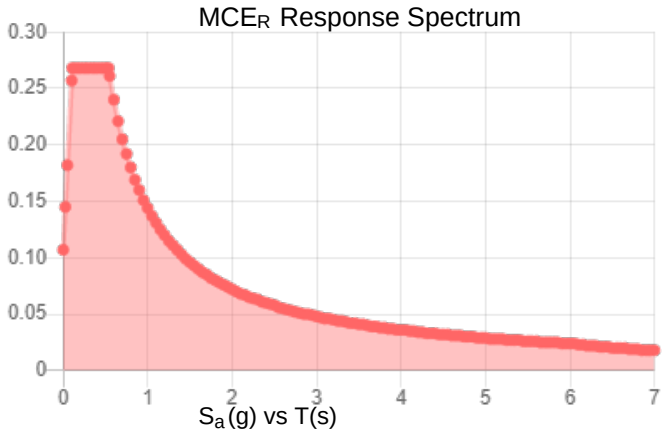
Seismic

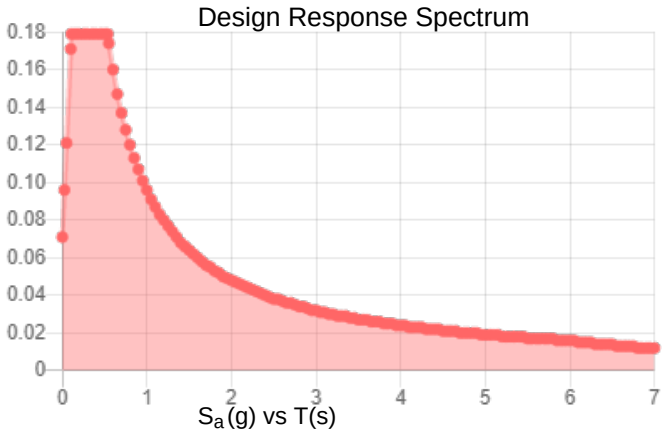
Site Soil Class: D - Stiff Soil

Results:

S_S :	0.167	S_{DS} :	0.179
S_1 :	0.06	S_{D1} :	0.096
F_a :	1.6	T_L :	6
F_v :	2.4	PGA :	0.084
S_{MS} :	0.268	PGA_M :	0.134
S_{M1} :	0.144	F_{PGA} :	1.6
		I_e :	1

Seismic Design Category B





Data Accessed: Thu Aug 19 2021

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

Ice

Results:

Ice Thickness:	0.75 in.
Concurrent Temperature:	15 F
Gust Speed:	50 mph
Data Source:	Standard ASCE/SEI 7-10, Figs. 10-2 through 10-8
Date Accessed:	Thu Aug 19 2021

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

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

Exhibit E

Mount Analysis

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

Post-Mod Antenna Mount Analysis Report and PMI Requirements

Mount Fix

SMART Tool Project #: 10094223
Maser Consulting Connecticut Project #: 21777323A

August 16, 2021

Site Information	*Site ID:*	*467554-VZW / GRISWOLD EAST CT*
	Site Name:	*GRISWOLD EAST CT*
	Carrier Name:	*Verizon Wireless*
	Address:	*1439 Voluntown Rd* *Griswold, Connecticut 06384* *New London County*
	Latitude:	*41.576108°*
	Longitude:	*-71.888044°*
Structure Information	*Tower Type:*	*Monopole*
	Mount Type:	*12.58-Ft Platform*

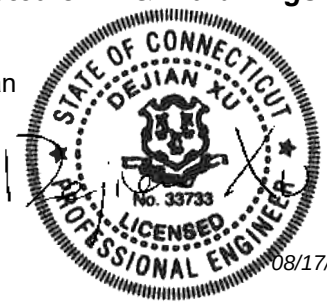
FUZE ID # 16272170

Analysis Results

Platform: **72.9% 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: Cody Sherman



08/17/2021

Executive Summary:

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

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

Sources of Information:

Document Type	Remarks
Radio Frequency Data Sheet (RFDS)	*Verizon RFDS Site ID: 674918, dated July 28, 2021*
Mount Mapping Report	*Roaming Networks Inc., Site ID: 467554, dated March 26, 2021*
Previous Mount Analysis	*Maser Consulting Connecticut Project #: 21777323A, dated August 6, 2021*
Mount Modification Drawings	*Maser Consulting Connecticut Project #: 21777323A, dated August 16, 2021*

Analysis Criteria:

Codes and Standards:	ANSI/TIA-222-H	
Wind Parameters:	Basic Wind Speed (Ultimate 3-sec. Gust), V_{ULT}:	125 mph
	Ice Wind Speed (3-sec. Gust):	50 mph
	Design Ice Thickness:	1.00 in
	Risk Category:	II
	Exposure Category:	C
	Topographic Category:	1
	Topographic Feature Considered:	N/A
	Topographic Method:	N/A
	Ground Elevation Factor, K_e:	0.990
Seismic Parameters:	S_S:	0.188
	S_1:	0.053
Maintenance Parameters:	Wind Speed (3-sec. Gust):	30 mph
	Maintenance Live Load, Lv:	250 lbs.
	Maintenance Live Load, Lm:	500 lbs.
Analysis Software:	RISA-3D (V17)	

Final Loading Configuration:

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

Mount Elevation (ft)	Equipment Elevation (ft)	Quantity	Manufacturer	Model	Status
156.00	157.00	6	JMA Wireless	MX06FRO660-03	Added
		3	Samsung	MT6407-77A	
		3	Samsung	RF4439d-25A	
		3	Samsung	RF4440d-13A	
		1	Raycap	RVZDC-6627-PF-48	
		2	Amphenol Antel	LPA-80063-4CF-EDIN-0	Retained
		4	Amphenol Antel	LPA-80063/4CF	

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

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

Standard Conditions:

1. All engineering services are performed on the basis that the information provided to Maser Consulting Connecticut and used in this analysis is current and correct. The existing equipment loading has been applied at locations determined from the supplied documentation. Any deviation from the loading locations specified in this report shall be communicated to Maser Consulting Connecticut to verify deviation will not adversely impact the analysis.

2. Mounts are assumed to have been properly fabricated, installed and maintained in good condition, twist free and plumb in accordance with its original design and manufacturer's specifications.

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

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

3. For mount analyses completed from other data sources (including new replacement mounts) and not specifically mapped by Maser Consulting Connecticut, the mounts are assumed to have been properly fabricated, installed and maintained in good condition, twist free and plumb in accordance with its original design and manufacturer's specifications.

4. All member connections are assumed to have been designed to meet or exceed the load carrying capacity of the connected member unless otherwise specified in this report.

5. The mount was checked up to, and including, the bolts that fasten it to the mount collar/attachment and threaded rod connections in collar members if applicable. Local deformation and interaction between the mount collar/attachment and the supporting tower structure are outside the scope of this analysis.

6. All services are performed, results obtained, and recommendations made in accordance with generally accepted engineering principles and practices. Maser Consulting Connecticut is not responsible for the conclusion, opinions, and recommendations made by others based on the information supplied.

7. Structural Steel Grades have been assumed as follows, if applicable, unless otherwise noted in this analysis:
   - Channel, Solid Round, Angle, Plate — ASTM A36 (Gr. 36)
   - HSS (Rectangular) — ASTM 500 (Gr. B-46)
   - Pipe — ASTM A53 (Gr. B-35)
   - Threaded Rod — F1554 (Gr. 36)
   - Bolts — ASTM A325

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
Proposed Support Rail	*18.0%*	*Pass*
Proposed Support Rail Angle	*26.05*	*Pass*
Face Horizontal	*13.0%*	*Pass*
Corner Plate	*24.0%*	*Pass*
Platform Crossmember	*15.0%*	*Pass*
Grating Support	*20.0%*	*Pass*
Mount Pipe	*38.0%*	*Pass*
Cross Arm Plate	*33.0%*	*Pass*
Connection Check	*72.9%*	*Pass*

Structure Rating – *(Controlling Utilization of all Components)*	**72.9%**

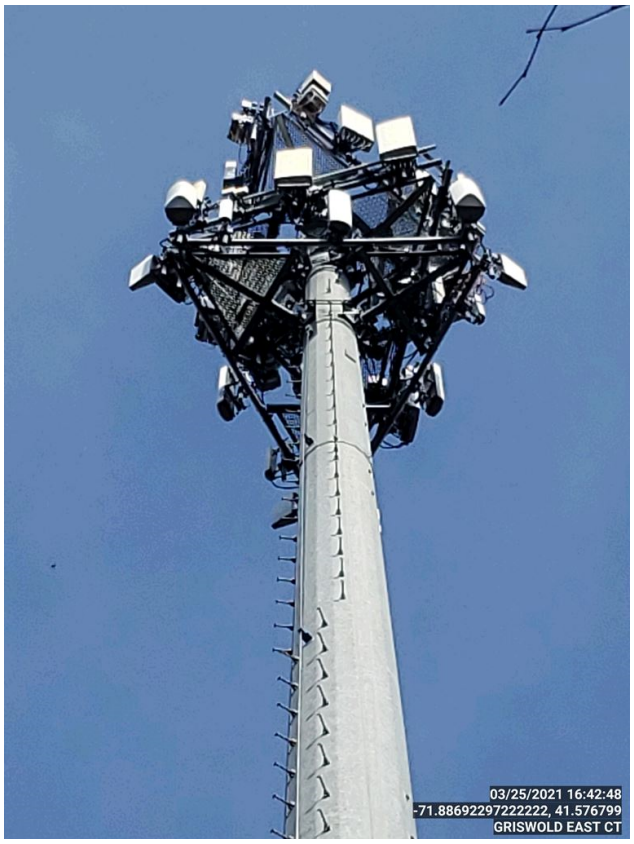
Recommendation:

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

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

Attachments:

1. Mount Photos
2. Mount Mapping Report (for reference only)
3. Analysis Calculations
4. **Contractor Required PMI Report Deliverables**
5. Antenna Placement Diagrams
6. TIA Adoption and Wind Speed Usage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-71.88692297222222, 41.576799
GRISWOLD EAST CT


03/25/2021 14:28:19
-71.887574, 41.576251972222224
GRISWOLD EAST CT

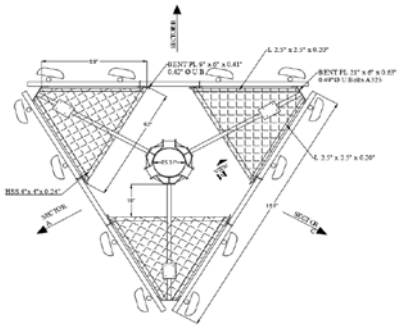
V3.0 Updated on 8-31-2020

PAUL J. FORD & COMPANY

Antenna Mount Mapping Form (PATENT PENDING)

FCC #

Tower Owner:	CROWN CASTLE	**Mapping Date:**	03.26.2021.
Site Name:	GRISWOLD EAST CT	**Tower Type:**	Monopole
Site Number or ID:	467554	**Tower Height (Ft.):**	
Mapping Contractor:	Roaming Networks inc.	**Mount Elevation (Ft.):**	154



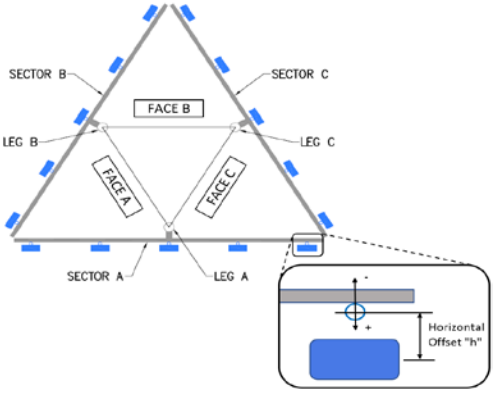
Overall Mount Schematic

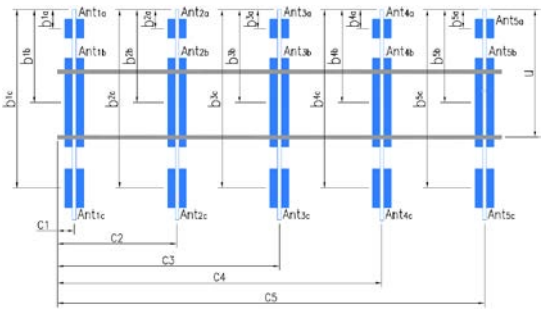
Mount Pipe Configuration and Geometries [Unit = Inches]

Sector / Position	Mount Pipe Size & Length	Vertical Offset Dimension "u"	Horizontal Offset "C1, C2, C3, etc."	Sector / Position	Mount Pipe Size & Length	Vertical Offset Dimension "u"	Horizontal Offset "C1, C2, C3, etc."
A1	PIPE Ø 2.38" x 0.11" x72"	43,00	5,00	C1	PIPE Ø 2.38" x 0.11" x72"	43,00	5,00
A2	PIPE Ø 2.38" x 0.11" x72"	43,00	79,00	C2	PIPE Ø 2.38" x 0.11" x72"	43,00	79,00
A3	PIPE Ø 2.38" x 0.11" x72"	43,00	122,00	C3	PIPE Ø 2.38" x 0.11" x72"	43,00	122,00
A4	PIPE Ø 2.38" x 0.11" x72"	43,00	147,00	C4	PIPE Ø 2.38" x 0.11" x72"	43,00	147,00
A5	end		151,00	C5			
A6				C6			
B1	PIPE Ø 2.38" x 0.11" x72"	43,00	5,00	D1			
B2	PIPE Ø 2.38" x 0.11" x72"	43,00	79,00	D2			
B3	PIPE Ø 2.38" x 0.11" x72"	43,00	122,00	D3			
B4	PIPE Ø 2.38" x 0.11" x72"	43,00	147,00	D4			
B5				D5			
B6				D6			

Distance between bottom rail and mount CL elevation (dim d). Unit is inches. See 'Mount Elev Ref' tab for details. :	0,00
Distance from top of bottom support rail to lowest tip of ant./eqpt. of Carrier above. (N/A if > 10 ft.) :	10,35
Distance from top of bottom support rail to highest tip of ant./eqpt. of Carrier below. (N/A if > 10 ft.) :	
Please enter additional infomation or comments below.	

Tower Face Width at Mount Elev. (ft.):		Tower Leg Size or Pole Shaft Diameter at Mount Elev. (in.):	25,31



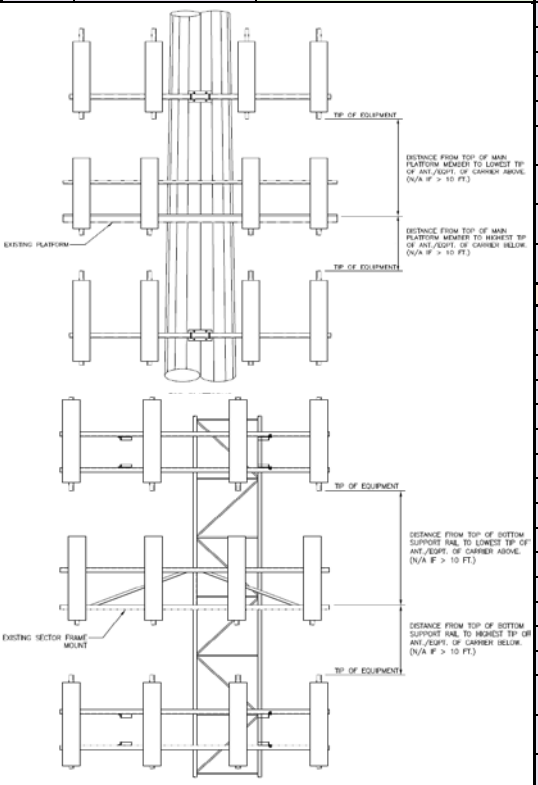


Antenna Layout (Looking Out From Tower)

Ants. Items	Enter antenna model. If not labeled, enter "Unknown". Antenna Models if Known	Width (in.)	Depth (in.)	Height (in.)	Coax Size and Qty	Antenna Center-line (Ft.)	Mounting Locations [Units are inches and degrees] Vertical Distances"b_{1a}, b_{2a}, b_{3a}, b_{1b}...." (Inches)	Horiz. Offset "h" (Use "-" if Ant. is behind)	Antenna Azimuth (Degrees)	Photos of antennas Photo Numbers
Sector A										
Ant_{1a}	LPA 80080/4CF E DIN	5,50	13,20	47,20		154,75	34,00	14,00	31,00	129
Ant_{1b}										
Ant_{1c}	BXA-171063-8BF-EDIN	6,20	4,10	48,20		154,75	34,00	9,00	31,00	129
Ant_{2a}	TMA	6,00	2,00	7,00		155,667	23,00			129
Ant_{2b}										
Ant_{2c}										
Ant_{3a}	BXA-171063-8BF-EDIN	6,20	4,10	48,20		155,25	28,00	8,00	31,00	130
Ant_{3b}	TMA	6,00	2,00	7,00		156	19,00			130
Ant_{3c}										
Ant_{4a}	LPA 80080/4CF E DIN	5,50	13,20	47,20		154,75	34,00	14,00	31,00	130
Ant_{4b}										
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										

Mount Azimuth (Degree) for Each Sector				Tower Leg Azimuth (Degree) for Each Sector	
Sector A:	31,00	Deg	Leg A:		Deg
Sector B:	142,00	Deg	Leg B:		Deg
Sector C:	281,00	Deg	Leg C:		Deg
Sector D:		Deg	Leg D:		Deg

Climbing Facility Information			
Location:	60,00	Deg	Sector A
Climbing Facility	Corrosion Type:		Good condition.
	Access:		Climbing path was obstructed.
	Condition:		Good condition.



Sector B										
Ant_{1a}	LPA 80080/4CF E DIN	5,50	13,20	47,20		154,75	34,00	14,00	142,00	138
Ant_{1b}										
Ant_{1c}	BXA-171063-8BF-EDIN	6,20	4,10	48,20		154,75	34,00	9,00	142,00	138
Ant_{2a}	TMA	6,00	2,00	7,00		155,667	23,00			138
Ant_{2b}										
Ant_{2c}										
Ant_{3a}	BXA-171063-8BF-EDIN	6,20	4,10	48,20		155,25	28,00	8,00	142,00	139
Ant_{3b}	TMA	6,00	2,00	7,00		156	19,00			139
Ant_{3c}										
Ant_{4a}	LPA 80080/4CF E DIN	5,50	13,20	47,20		154,75	34,00	14,00	142,00	139
Ant_{4b}										
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										
Sector C										
Ant_{1a}	LPA 80063/4CF E DIN	15,20	13,19	47,44		155,333	27,00	13,00	281,00	175
Ant_{1b}										
Ant_{1c}	BXA-171063-8BF-EDIN	6,20	4,10	48,20		154,75	34,00	9,00	281,00	175
Ant_{2a}	TMA	6,00	2,00	7,00		155,667	23,00			175
Ant_{2b}										
Ant_{2c}										
Ant_{3a}	BXA-171063-8BF-EDIN	6,20	4,10	48,20		155,25	28,00	8,00	281,00	175
Ant_{3b}	TMA	6,00	2,00	7,00		156	19,00			175
Ant_{3c}										
Ant_{4a}	LPA 80063/4CF E DIN	15,20	13,19	47,44		155,25	28,00	13,00	281,00	175
Ant_{4b}										
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										
Sector D										
Ant_{1a}										
Ant_{1b}										
Ant_{1c}										
Ant_{2a}										
Ant_{2b}										
Ant_{2c}										
Ant_{3a}										
Ant_{3b}										
Ant_{3c}										
Ant_{4a}										
Ant_{4b}										
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										

Observed Safety and Structural Issues During the Mount Mapping		
Issue #	Description of Issue	Photo #

1		
2		
3		
4		
5		
6		
7		
8		

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

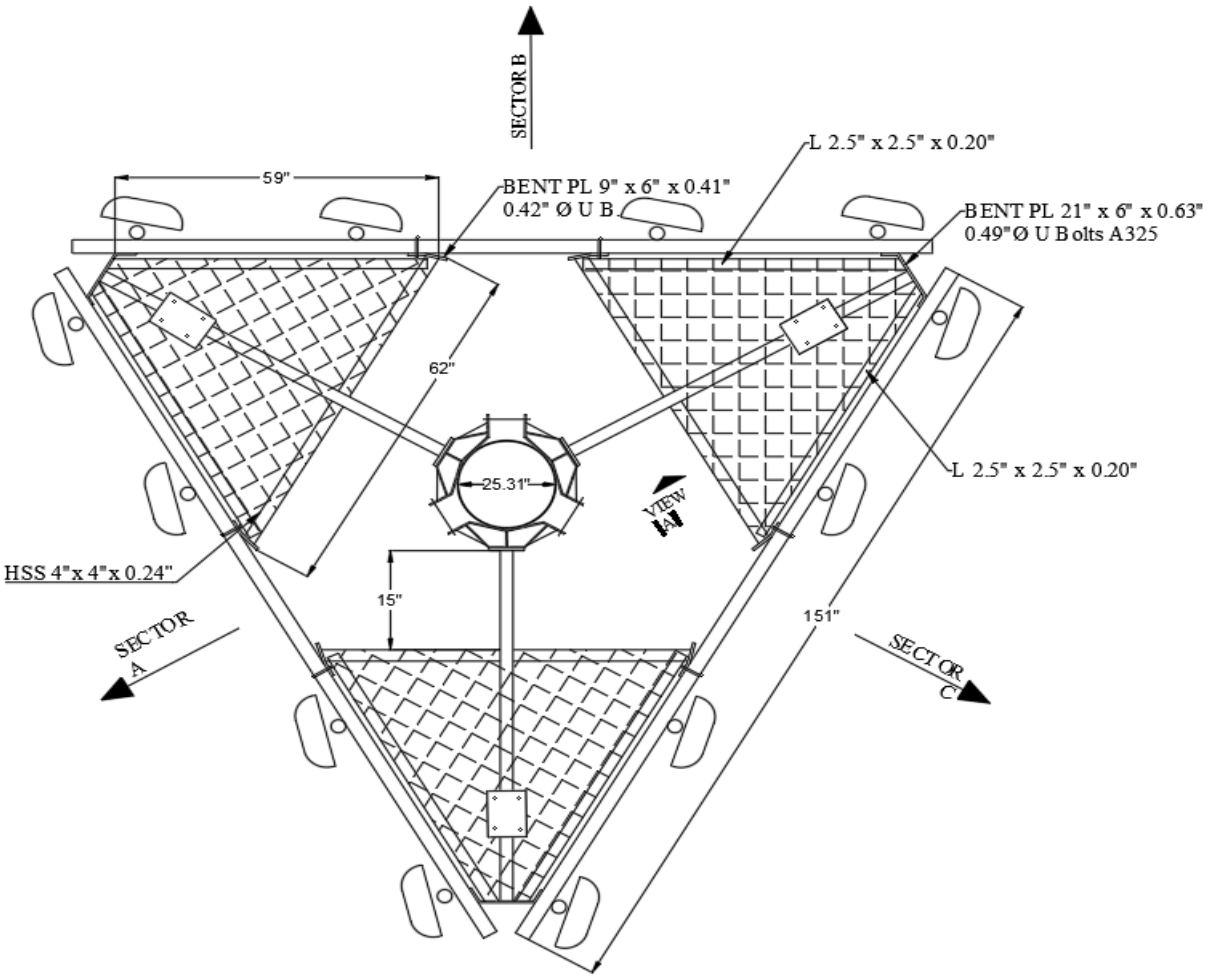
Standard Conditions
1. Obvious safety and structural issues/deficiencies noticed at the time of the mount mapping are to be reported in this mapping. However, this mount mapping is not a condition assessment of the mount.

Antenna Mount Mapping Form (PATENT PENDING)

FCC #

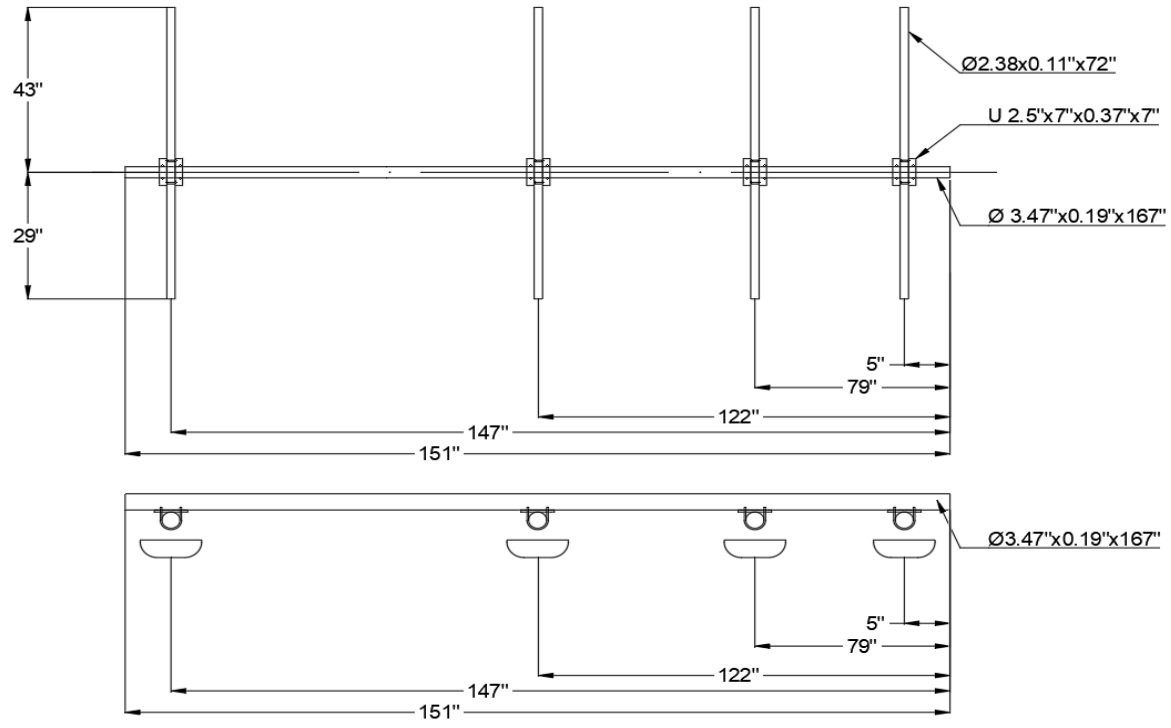
Tower Owner:	CROWN CASTLE	**Mapping Date:**	03.26.2021.
Site Name:	GRISWOLD EAST CT	**Tower Type:**	Monopole
Site Number or ID:	467554	**Tower Height (Ft.):**	
Mapping Contractor:	Roaming Networks inc.	**Mount Elevation (Ft.):**	154

Please Insert Sketches of the Antenna Mount



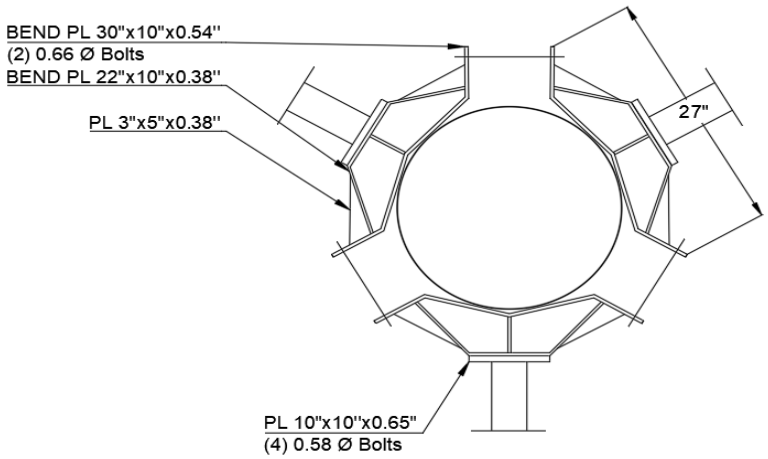
Overall Mount Schematic

Please Insert Sketches of the Antenna Mount, cont'd

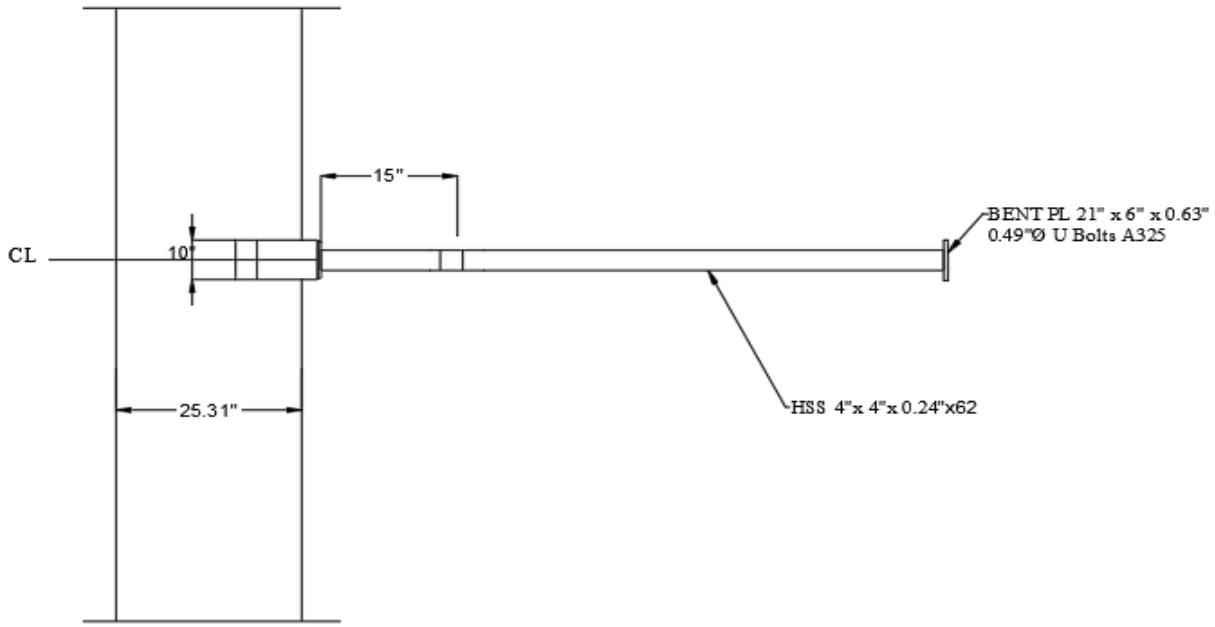


SECTOR
"A, B and C"

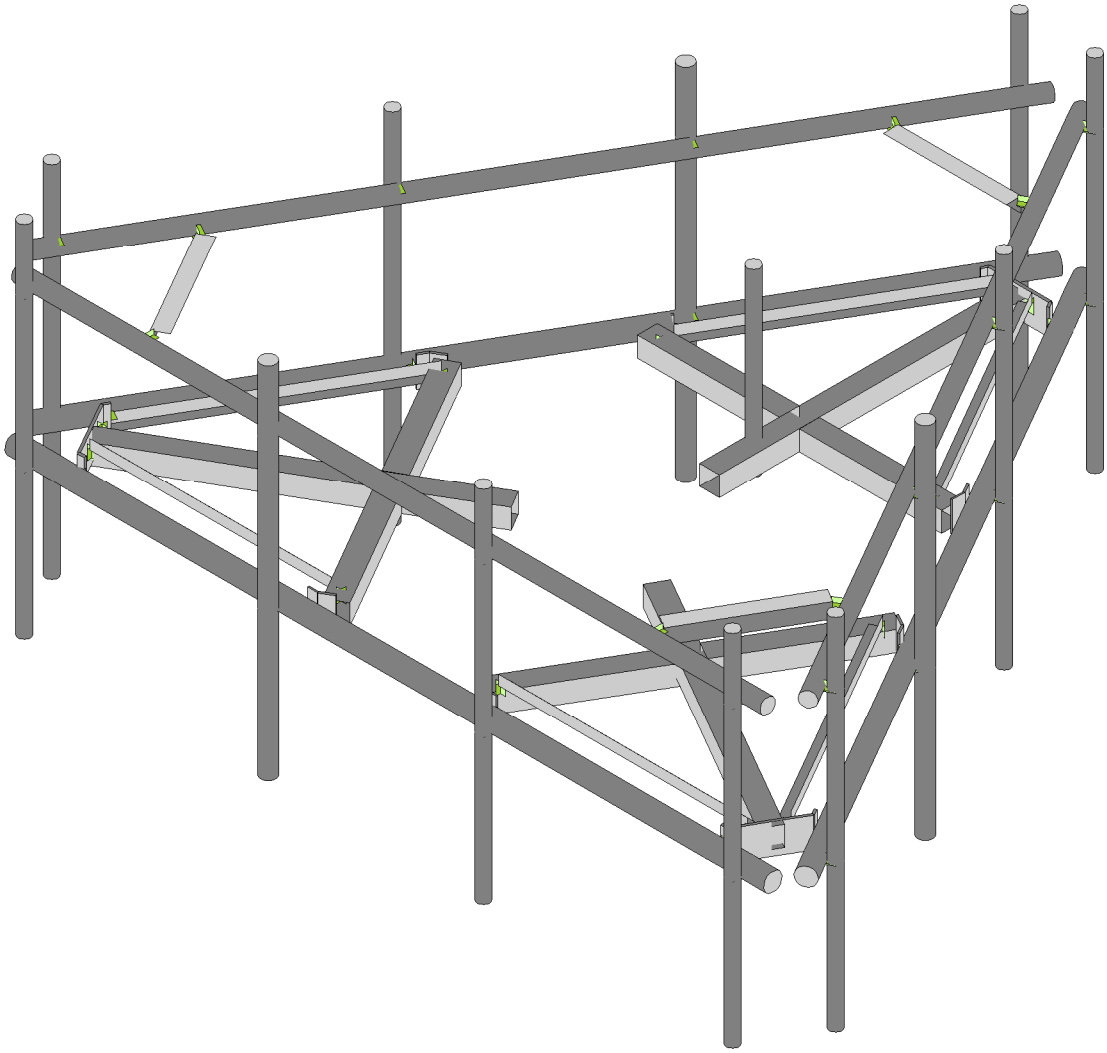
Please Insert Sketches of the Antenna Mount, cont'd



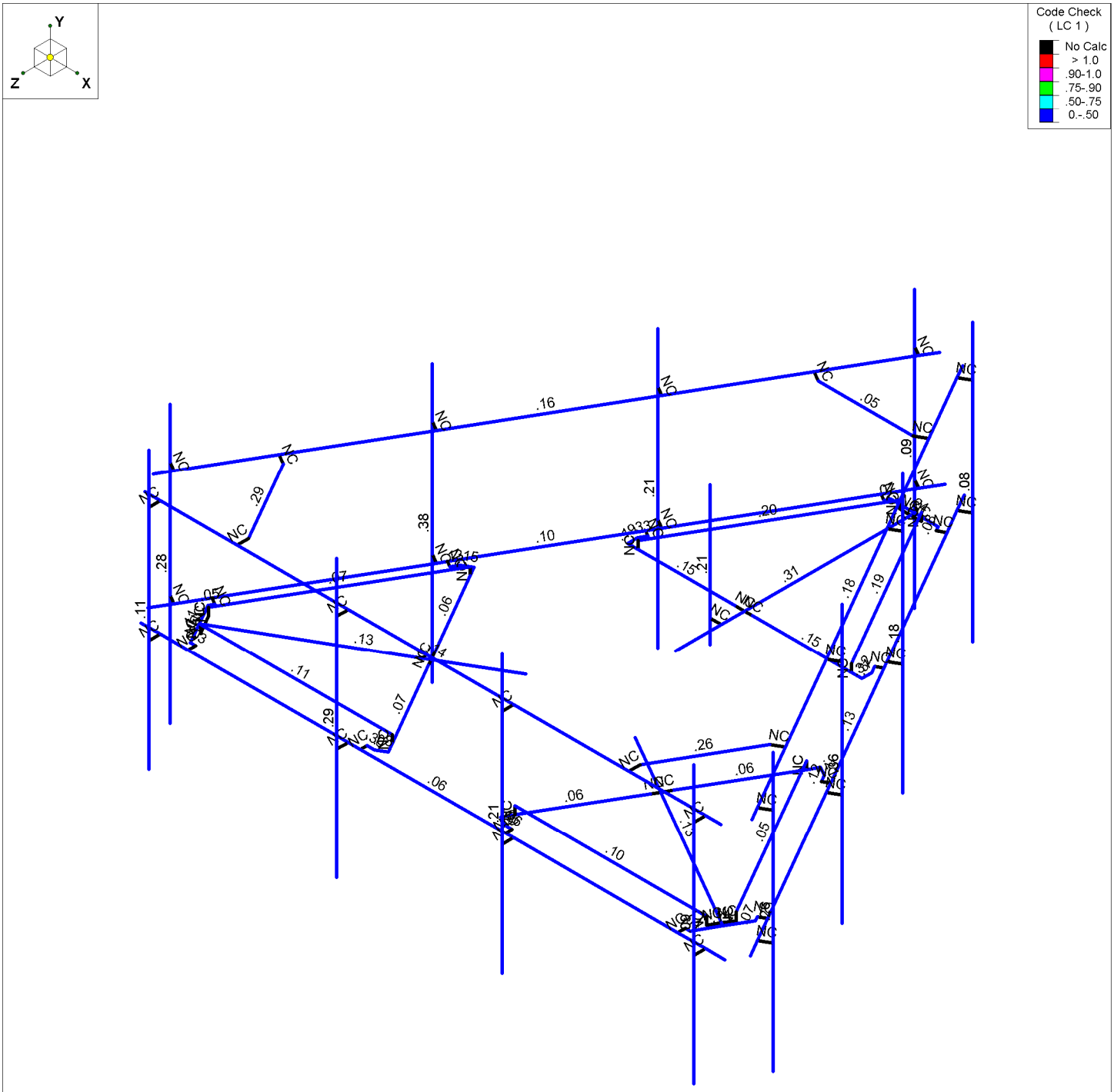
Please Insert Sketches of the Antenna Mount, cont'd



VIEW "A"

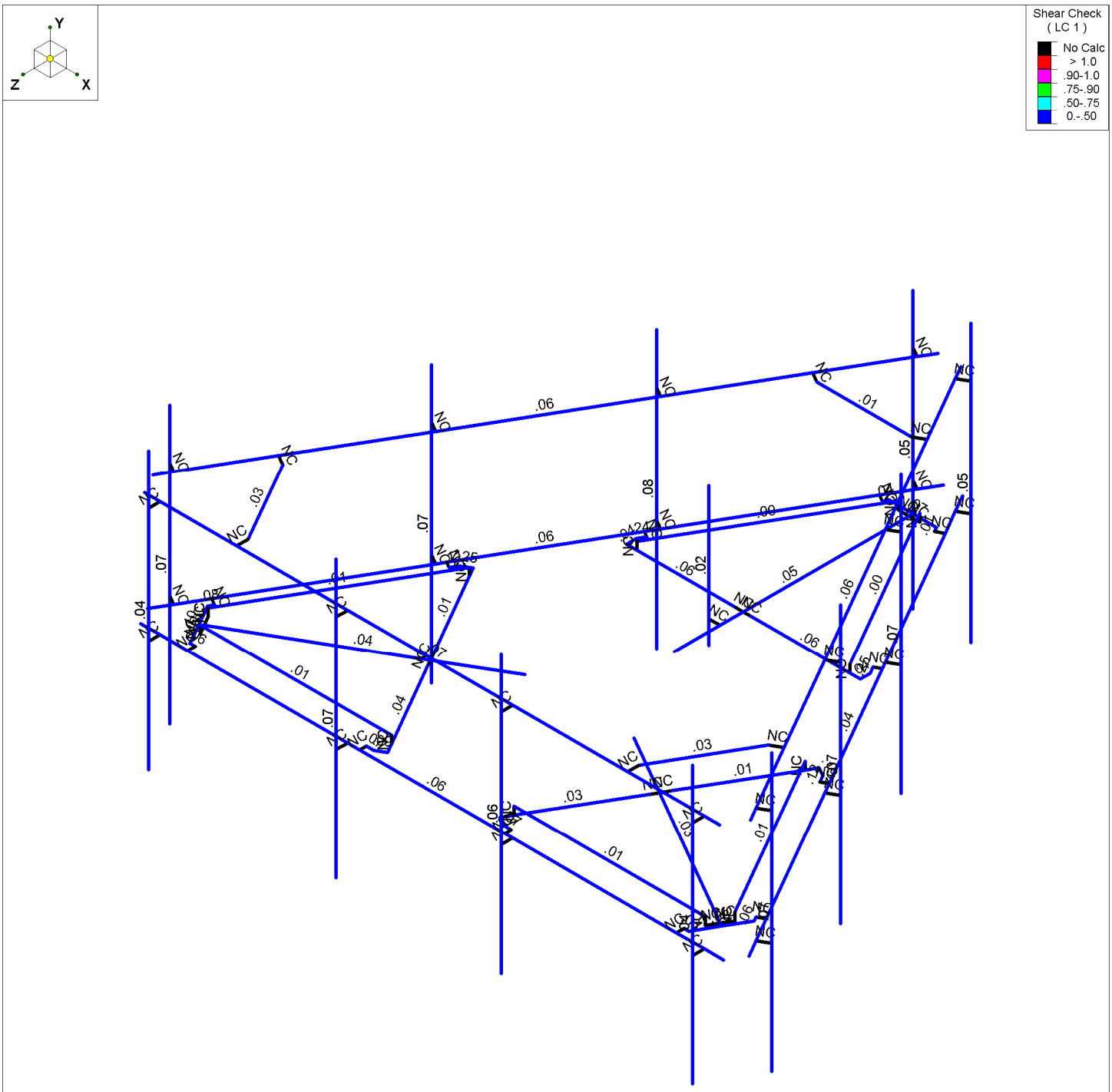


		SK - 1
		Aug 16, 2021 at 11:35 AM
		467554-VZW_MT_LO_H.r3d



Member Code Checks Displayed
Results for LC 1, 1.2D+1.0Wo (0 Deg)

		SK - 2
		Aug 16, 2021 at 11:35 AM
		467554-VZW_MT_LO_H.r3d



Member Shear Checks Displayed
Results for LC 1, 1.2D+1.0Wo (0 Deg)

		SK - 3
		Aug 16, 2021 at 11:35 AM
		467554-VZW_MT_LO_H.r3d

Basic Load Cases

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

Basic Load Cases (Continued)

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

Load Combinations

	Description	So...	PDe...	S...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...
1	1.2D+1.0Wo (0 ...	Yes	Y		1	1.2	39	1.2	3	1	41	1												
2	1.2D+1.0Wo (3...	Yes	Y		1	1.2	39	1.2	4	1	42	1												
3	1.2D+1.0Wo (6...	Yes	Y		1	1.2	39	1.2	5	1	43	1												
4	1.2D+1.0Wo (9...	Yes	Y		1	1.2	39	1.2	6	1	44	1												
5	1.2D+1.0Wo (1...	Yes	Y		1	1.2	39	1.2	7	1	45	1												
6	1.2D+1.0Wo (1...	Yes	Y		1	1.2	39	1.2	8	1	46	1												
7	1.2D+1.0Wo (1...	Yes	Y		1	1.2	39	1.2	9	1	47	1												
8	1.2D+1.0Wo (2...	Yes	Y		1	1.2	39	1.2	10	1	48	1												
9	1.2D+1.0Wo (2...	Yes	Y		1	1.2	39	1.2	11	1	49	1												
10	1.2D+1.0Wo (2...	Yes	Y		1	1.2	39	1.2	12	1	50	1												
11	1.2D+1.0Wo (3...	Yes	Y		1	1.2	39	1.2	13	1	51	1												
12	1.2D+1.0Wo (3...	Yes	Y		1	1.2	39	1.2	14	1	52	1												
13	1.2D + 1.0Di + ...	Yes	Y		1	1.2	39	1.2	2	1	40	1	15	1	53	1								
14	1.2D + 1.0Di + ...	Yes	Y		1	1.2	39	1.2	2	1	40	1	16	1	54	1								
15	1.2D + 1.0Di + ...	Yes	Y		1	1.2	39	1.2	2	1	40	1	17	1	55	1								
16	1.2D + 1.0Di + ...	Yes	Y		1	1.2	39	1.2	2	1	40	1	18	1	56	1								
17	1.2D + 1.0Di + ...	Yes	Y		1	1.2	39	1.2	2	1	40	1	19	1	57	1								
18	1.2D + 1.0Di + ...	Yes	Y		1	1.2	39	1.2	2	1	40	1	20	1	58	1								
19	1.2D + 1.0Di + ...	Yes	Y		1	1.2	39	1.2	2	1	40	1	21	1	59	1								
20	1.2D + 1.0Di + ...	Yes	Y		1	1.2	39	1.2	2	1	40	1	22	1	60	1								
21	1.2D + 1.0Di + ...	Yes	Y		1	1.2	39	1.2	2	1	40	1	23	1	61	1								
22	1.2D + 1.0Di + ...	Yes	Y		1	1.2	39	1.2	2	1	40	1	24	1	62	1								
23	1.2D + 1.0Di + ...	Yes	Y		1	1.2	39	1.2	2	1	40	1	25	1	63	1								

Load Combinations (Continued)

	Description	So...	PDe...	S...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...
24	1.2D + 1.0Di + ...	Yes	Y		1	1.2	39	1.2	2	1	40	1	26	1	64	1								
25	1.2D + 1.5Lm1 ...	Yes	Y		1	1.2	39	1.2	77	1.5	27	1	65	1										
26	1.2D + 1.5Lm1 ...	Yes	Y		1	1.2	39	1.2	77	1.5	28	1	66	1										
27	1.2D + 1.5Lm1 ...	Yes	Y		1	1.2	39	1.2	77	1.5	29	1	67	1										
28	1.2D + 1.5Lm1 ...	Yes	Y		1	1.2	39	1.2	77	1.5	30	1	68	1										
29	1.2D + 1.5Lm1 ...	Yes	Y		1	1.2	39	1.2	77	1.5	31	1	69	1										
30	1.2D + 1.5Lm1 ...	Yes	Y		1	1.2	39	1.2	77	1.5	32	1	70	1										
31	1.2D + 1.5Lm1 ...	Yes	Y		1	1.2	39	1.2	77	1.5	33	1	71	1										
32	1.2D + 1.5Lm1 ...	Yes	Y		1	1.2	39	1.2	77	1.5	34	1	72	1										
33	1.2D + 1.5Lm1 ...	Yes	Y		1	1.2	39	1.2	77	1.5	35	1	73	1										
34	1.2D + 1.5Lm1 ...	Yes	Y		1	1.2	39	1.2	77	1.5	36	1	74	1										
35	1.2D + 1.5Lm1 ...	Yes	Y		1	1.2	39	1.2	77	1.5	37	1	75	1										
36	1.2D + 1.5Lm1 ...	Yes	Y		1	1.2	39	1.2	77	1.5	38	1	76	1										
37	1.2D + 1.5Lm2 ...	Yes	Y		1	1.2	39	1.2	78	1.5	27	1	65	1										
38	1.2D + 1.5Lm2 ...	Yes	Y		1	1.2	39	1.2	78	1.5	28	1	66	1										
39	1.2D + 1.5Lm2 ...	Yes	Y		1	1.2	39	1.2	78	1.5	29	1	67	1										
40	1.2D + 1.5Lm2 ...	Yes	Y		1	1.2	39	1.2	78	1.5	30	1	68	1										
41	1.2D + 1.5Lm2 ...	Yes	Y		1	1.2	39	1.2	78	1.5	31	1	69	1										
42	1.2D + 1.5Lm2 ...	Yes	Y		1	1.2	39	1.2	78	1.5	32	1	70	1										
43	1.2D + 1.5Lm2 ...	Yes	Y		1	1.2	39	1.2	78	1.5	33	1	71	1										
44	1.2D + 1.5Lm2 ...	Yes	Y		1	1.2	39	1.2	78	1.5	34	1	72	1										
45	1.2D + 1.5Lm2 ...	Yes	Y		1	1.2	39	1.2	78	1.5	35	1	73	1										
46	1.2D + 1.5Lm2 ...	Yes	Y		1	1.2	39	1.2	78	1.5	36	1	74	1										
47	1.2D + 1.5Lm2 ...	Yes	Y		1	1.2	39	1.2	78	1.5	37	1	75	1										
48	1.2D + 1.5Lm2 ...	Yes	Y		1	1.2	39	1.2	78	1.5	38	1	76	1										
49	1.2D + 1.5Lv1	Yes	Y		1	1.2	39	1.2	79	1.5														
50	1.2D + 1.5Lv2	Yes	Y		1	1.2	39	1.2	80	1.5														
51	1.4D	Yes	Y		1	1.4	39	1.4																

Joint Coordinates and Temperatures

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
1	N1	6.333333	0	3.893857	0	
2	N2	-6.333333	0	3.893857	0	
3	N3	-0.	0	-1.375	0	
4	N5	-2.541667	0	-2.875	0	
5	N6	2.315104	0.166667	-2.875	0	
6	N7	-2.315104	0.166667	-2.875	0	
7	N8	5.916667	0	3.893857	0	
8	N9	5.916667	0	4.143857	0	
9	N22	5.916667	-2.416667	4.143857	0	
10	N23	5.916667	3.583333	4.143857	0	
11	N24	-0.	0	-2.875	0	
12	N27	-0.	0	-6.5625	0	
13	CP	0	0	0	0	
14	N29	2.315104	0	-2.875	0	
15	N30	-2.315104	0	-2.875	0	
16	N101	2.541667	0	-2.875	0	
17	N102	-0.166667	0	-2.875	0	
18	N103A	0.166667	0	-2.875	0	
19	N104A	-2.541667	0	-3.09375	0	
20	N105	2.541667	0	-3.09375	0	
21	N131	2.458333	0	-3.238088	0	
22	N135	0.571615	0	-6.465523	0	
23	N144	-2.458333	0	-3.238088	0	
24	N148	-0.571615	0	-6.465523	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
25	N86A	2.584629	0	-3.311004	0	
26	N86B	-2.584629	0	-3.311004	0	
27	N86C	-0.515625	0	-6.5625	0	
28	N87A	0.515625	0	-6.5625	0	
29	N86D	0.715429	0	-6.548554	0	
30	N86E	-0.715429	0	-6.548554	0	
31	N88A	-0.	0	-6.479167	0	
32	N87C	0.234238	0.166667	-6.479167	0	
33	N86G	0.234238	0	-6.479167	0	
34	N87B	-0.234238	0.166667	-6.479167	0	
35	N88C	-0.234238	0	-6.479167	0	
36	N87D	-1.190785	0	0.6875	0	
37	N88B	-1.21899	0	3.638648	0	
38	N89	-3.647375	0.166667	-0.567439	0	
39	N90	-1.332271	0.166667	3.442439	0	
40	N91	-2.489823	0	1.4375	0	
41	N92	-5.683292	0	3.28125	0	
42	N93	-3.647375	0	-0.567439	0	
43	N94	-1.332271	0	3.442439	0	
44	N95	-3.760656	0	-0.763648	0	
45	N96	-2.40649	0	1.581838	0	
46	N97	-2.573156	0	1.293162	0	
47	N98	-1.408433	0	3.748023	0	
48	N99	-3.950099	0	-0.654273	0	
49	N100	-4.033433	0	-0.509935	0	
50	N101A	-5.885115	0	2.737729	0	
51	N102A	-1.575099	0	3.748023	0	
52	N103	-5.3135	0	3.727794	0	
53	N104	-4.159728	0	-0.582852	0	
54	N105A	-1.575099	0	3.893857	0	
55	N106	-5.425479	0	3.727794	0	
56	N107	-5.941104	0	2.834706	0	
57	N108	-6.028929	0	2.654698	0	
58	N109	-5.3135	0	3.893857	0	
59	N110	-5.611123	0	3.239583	0	
60	N111	-5.728242	0.166667	3.036728	0	
61	N112	-5.728242	0	3.036728	0	
62	N113	-5.494004	0.166667	3.442439	0	
63	N114	-5.494004	0	3.442439	0	
64	N115	1.190785	0	0.6875	0	
65	N116	3.760656	0	-0.763648	0	
66	N117	1.332271	0.166667	3.442439	0	
67	N118	3.647375	0.166667	-0.567439	0	
68	N119	2.489823	0	1.4375	0	
69	N120	5.683292	0	3.28125	0	
70	N121	1.332271	0	3.442439	0	
71	N122	3.647375	0	-0.567439	0	
72	N123	1.21899	0	3.638648	0	
73	N124	2.573156	0	1.293162	0	
74	N125	2.40649	0	1.581838	0	
75	N126	3.950099	0	-0.654273	0	
76	N127	1.408433	0	3.748023	0	
77	N128	1.575099	0	3.748023	0	
78	N129	5.3135	0	3.727794	0	
79	N130	4.033433	0	-0.509935	0	
80	N131A	5.885115	0	2.737729	0	
81	N132	1.575099	0	3.893857	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
82	N133	4.159728	0	-0.582852	0	
83	N134	5.941104	0	2.834706	0	
84	N135A	5.425479	0	3.727794	0	
85	N136	5.3135	0	3.893857	0	
86	N137	6.028929	0	2.654698	0	
87	N138	5.611123	0	3.239583	0	
88	N139	5.494004	0.166667	3.442439	0	
89	N140	5.494004	0	3.442439	0	
90	N141	5.728242	0.166667	3.036728	0	
91	N142	5.728242	0	3.036728	0	
92	N94A	0.205512	0	-7.431756	0	
93	N95A	6.538845	0	3.537899	0	
94	N96A	-6.538845	0	3.537899	0	
95	N97A	-0.205512	0	-7.431756	0	
96	N96B	1.75	0	3.893857	0	
97	N97B	1.75	0	4.143857	0	
98	N98A	1.75	-2.416667	4.143857	0	
99	N99A	1.75	3.583333	4.143857	0	
100	N100A	-1.833333	0	3.893857	0	
101	N101B	-1.833333	0	4.143857	0	
102	N102B	-1.833333	-2.416667	4.143857	0	
103	N103B	-1.833333	3.583333	4.143857	0	
104	N104B	-5.916667	0	3.893857	0	
105	N105B	-5.916667	0	4.143857	0	
106	N106A	-5.916667	-2.416667	4.143857	0	
107	N107A	-5.916667	3.583333	4.143857	0	
108	N108A	0.413845	0	-7.070912	0	
109	N109A	0.630352	0	-7.195912	0	
110	N110A	0.630352	-2.416667	-7.195912	0	
111	N111A	0.630352	3.583333	-7.195912	0	
112	N120A	6.330512	0	3.177055	0	
113	N121A	6.547018	0	3.052055	0	
114	N122A	6.547018	-2.416667	3.052055	0	
115	N123A	6.547018	3.583333	3.052055	0	
116	N124A	-6.330512	0	3.177055	0	
117	N125A	-6.547018	0	3.052055	0	
118	N126A	-6.547018	-2.416667	3.052055	0	
119	N127A	-6.547018	3.583333	3.052055	0	
120	N136A	-0.413845	0	-7.070912	0	
121	N137A	-0.630352	0	-7.195912	0	
122	N138A	-0.630352	-2.416667	-7.195912	0	
123	N139A	-0.630352	3.583333	-7.195912	0	
124	N124B	2.497179	0	-3.462473	0	
125	N125B	2.713685	0	-3.587473	0	
126	N126B	2.713685	-2.416667	-3.587473	0	
127	N127B	2.713685	3.583333	-3.587473	0	
128	N128A	4.288845	0	-0.359215	0	
129	N129A	4.505352	0	-0.484215	0	
130	N130A	4.505352	-2.416667	-0.484215	0	
131	N131B	4.505352	3.583333	-0.484215	0	
132	N132A	-4.247179	0	-0.431384	0	
133	N133A	-4.463685	0	-0.556384	0	
134	N134A	-4.463685	-2.416667	-0.556384	0	
135	N135B	-4.463685	3.583333	-0.556384	0	
136	N136B	-2.455512	0	-3.534642	0	
137	N137B	-2.672018	0	-3.659642	0	
138	N138B	-2.672018	-2.416667	-3.659642	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
139	N139B	-2.672018	3.583333	-3.659642	0	
140	N140A	-0.	0	-2.375	0	
141	N141A	-.25	0	-2.375	0	
142	N142A	-.25	2.5	-2.375	0	
143	N143	-.25	-.5	-2.375	0	
144	N144A	6.25	2.5	3.893857	0	
145	N145	-6.25	2.5	3.893857	0	
146	N146	5.916667	2.5	3.893857	0	
147	N147	5.916667	2.5	4.143857	0	
148	N148A	1.75	2.5	3.893857	0	
149	N149	1.75	2.5	4.143857	0	
150	N150	-1.833333	2.5	3.893857	0	
151	N151	-1.833333	2.5	4.143857	0	
152	N152	-5.916667	2.5	3.893857	0	
153	N153	-5.916667	2.5	4.143857	0	
154	N154	0.247179	2.5	-7.359587	0	
155	N155	6.497179	2.5	3.46573	0	
156	N156	0.413845	2.5	-7.070912	0	
157	N157	0.630352	2.5	-7.195912	0	
158	N158	2.497179	2.5	-3.462473	0	
159	N159	2.713685	2.5	-3.587473	0	
160	N160	4.288845	2.5	-0.359215	0	
161	N161	4.505352	2.5	-0.484215	0	
162	N162	6.330512	2.5	3.177055	0	
163	N163	6.547018	2.5	3.052055	0	
164	N164	-6.497179	2.5	3.46573	0	
165	N165	-0.247179	2.5	-7.359587	0	
166	N166	-6.330512	2.5	3.177055	0	
167	N167	-6.547018	2.5	3.052055	0	
168	N168	-4.247179	2.5	-0.431384	0	
169	N169	-4.463685	2.5	-0.556384	0	
170	N170	-2.455512	2.5	-3.534642	0	
171	N171	-2.672018	2.5	-3.659642	0	
172	N172	-0.413845	2.5	-7.070912	0	
173	N173	-0.630352	2.5	-7.195912	0	
174	N174	-4.25	2.5	3.893857	0	
175	N175	4.25	2.5	3.893857	0	
176	N176	-4.25	2.5	3.643857	0	
177	N177	4.25	2.5	3.643857	0	
178	N178	5.497179	2.5	1.73368	0	
179	N179	1.247179	2.5	-5.627536	0	
180	N180	5.280672	2.5	1.85868	0	
181	N181	1.030672	2.5	-5.502536	0	
182	N182	-1.247179	2.5	-5.627536	0	
183	N183	-5.497179	2.5	1.73368	0	
184	N184	-1.030672	2.5	-5.502536	0	
185	N185	-5.280672	2.5	1.85868	0	

Hot Rolled Steel Section Sets

	Label	Shape	Type	Design List	Material	Design R...	A [in2]	Iyy [in4]	Izz [in4]	J [in4]
1	Face Horizontal	PIPE 3.0	Beam	Pipe	A53 Gr.B	Typical	2.07	2.85	2.85	5.69
2	Standoff Horizontal	HSS4X4X4	Beam	SquareTu...	A500 Gr....	Typical	3.37	7.8	7.8	12.8
3	Corner Plate	PL1/2x6	Beam	BAR	A36 Gr.36	Typical	3	.063	9	.237
4	Platform Crossm...	HSS4X4X4	Beam	SquareTu...	A500 Gr....	Typical	3.37	7.8	7.8	12.8
5	Grating Support	L2x2x3	Beam	Single An...	A36 Gr.36	Typical	.722	.271	.271	.009

Hot Rolled Steel Section Sets (Continued)

	Label	Shape	Type	Design List	Material	Design R...	A [in2]	Iyy [in4]	Izz [in4]	J [in4]
6	Mod Support Rail ...	L3X3X4	Beam	Single An...	A36 Gr.36	Typical	1.44	1.23	1.23	.031
7	Mount Pipe	PIPE_2.0	Column	Pipe	A53 Gr.B	Typical	1.02	.627	.627	1.25
8	Mount Pipe P2.5	PIPE_2.5	Column	Pipe	A53 Gr.B	Typical	1.61	1.45	1.45	2.89
9	Mod Support Rail	PIPE_2.5	Column	Pipe	A53 Gr.B	Typical	1.61	1.45	1.45	2.89
10	Cross Arm Plate	PL3/8x6	Column	RECT	A36 Gr.36	Typical	2.25	.026	6.75	.101

Hot Rolled Steel Properties

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

Member Primary Data

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
1	FACE	N1	N2			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
2	M4	N3	N27			Standoff Horiz...	Beam	SquareTube	A500 Gr.B...	Typical
3	M10	N101	N103A			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
4	M19	N8	N9			RIGID	None	None	RIGID	Typical
5	MP1A	N23	N22			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
6	M43	N102	N5			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
7	M46	N86C	N87A			Corner Plate	Beam	BAR	A36 Gr.36	Typical
8	M35A	N7	N30			RIGID	None	None	RIGID	Typical
9	M36A	N6	N29			RIGID	None	None	RIGID	Typical
10	M51B	N87C	N6			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
11	M52B	N7	N87B			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
12	M52	N87B	N88C			RIGID	None	None	RIGID	Typical
13	M58	N102	N24			RIGID	None	None	RIGID	Typical
14	M59	N24	N103A			RIGID	None	None	RIGID	Typical
15	M76	N101	N105			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
16	M77	N105	N131			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
17	M79	N131	N86A			RIGID	None	None	RIGID	Typical
18	M80	N87A	N135			Corner Plate	Beam	BAR	A36 Gr.36	Typical
19	M83	N135	N86D			RIGID	None	None	RIGID	Typical
20	M84	N5	N104A			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
21	M85	N104A	N144			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
22	M88	N144	N86B			RIGID	None	None	RIGID	Typical
23	M91	N86C	N148			Corner Plate	Beam	BAR	A36 Gr.36	Typical
24	M92	N148	N86E			RIGID	None	None	RIGID	Typical
25	M50	N88C	N88A			RIGID	None	None	RIGID	Typical
26	M51	N88A	N86G			RIGID	None	None	RIGID	Typical
27	M51A	N87C	N86G			RIGID	None	None	RIGID	Typical
28	M52A	N87D	N92			Standoff Horiz...	Beam	SquareTube	A500 Gr.B...	Typical
29	M53	N95	N97			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
30	M54	N96	N88B			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
31	M55	N106	N107			Corner Plate	Beam	BAR	A36 Gr.36	Typical
32	M56	N90	N94			RIGID	None	None	RIGID	Typical
33	M57	N89	N93			RIGID	None	None	RIGID	Typical
34	M58A	N111	N89			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
35	M59A	N90	N113			Grating Support	Beam	Single Angle	A36 Gr.36	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
36	M60	N113	N114			RIGID	None	None	RIGID	Typical
37	M61	N96	N91			RIGID	None	None	RIGID	Typical
38	M62	N91	N97			RIGID	None	None	RIGID	Typical
39	M63	N95	N99			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
40	M64	N99	N100			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
41	M65	N100	N104			RIGID	None	None	RIGID	Typical
42	M66	N107	N101A			Corner Plate	Beam	BAR	A36 Gr.36	Typical
43	M67	N101A	N108			RIGID	None	None	RIGID	Typical
44	M68	N88B	N98			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
45	M69	N98	N102A			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
46	M70	N102A	N105A			RIGID	None	None	RIGID	Typical
47	M71	N106	N103			Corner Plate	Beam	BAR	A36 Gr.36	Typical
48	M72	N103	N109			RIGID	None	None	RIGID	Typical
49	M73	N114	N110			RIGID	None	None	RIGID	Typical
50	M74	N110	N112			RIGID	None	None	RIGID	Typical
51	M75	N111	N112			RIGID	None	None	RIGID	Typical
52	M76A	N115	N120			Standoff Horiz...	Beam	SquareTube	A500 Gr.B...	Typical
53	M77A	N123	N125			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
54	M78	N124	N116			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
55	M79A	N134	N135A			Corner Plate	Beam	BAR	A36 Gr.36	Typical
56	M80A	N118	N122			RIGID	None	None	RIGID	Typical
57	M81	N117	N121			RIGID	None	None	RIGID	Typical
58	M82	N139	N117			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
59	M83A	N118	N141			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
60	M84A	N141	N142			RIGID	None	None	RIGID	Typical
61	M85A	N124	N119			RIGID	None	None	RIGID	Typical
62	M86	N119	N125			RIGID	None	None	RIGID	Typical
63	M87	N123	N127			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
64	M88A	N127	N128			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
65	M89	N128	N132			RIGID	None	None	RIGID	Typical
66	M90	N135A	N129			Corner Plate	Beam	BAR	A36 Gr.36	Typical
67	M91A	N129	N136			RIGID	None	None	RIGID	Typical
68	M92A	N116	N126			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
69	M93	N126	N130			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
70	M94	N130	N133			RIGID	None	None	RIGID	Typical
71	M95	N134	N131A			Corner Plate	Beam	BAR	A36 Gr.36	Typical
72	M96	N131A	N137			RIGID	None	None	RIGID	Typical
73	M97	N142	N138			RIGID	None	None	RIGID	Typical
74	M98	N138	N140			RIGID	None	None	RIGID	Typical
75	M99	N139	N140			RIGID	None	None	RIGID	Typical
76	M76B	N94A	N95A			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
77	M77B	N96A	N97A			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
78	M78A	N96B	N97B			RIGID	None	None	RIGID	Typical
79	MP2A	N99A	N98A			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
80	LIVE1	N100A	N101B			RIGID	None	None	RIGID	Typical
81	MP3A	N103B	N102B			Mount Pipe P2.5	Column	Pipe	A53 Gr.B	Typical
82	LIVE2	N104B	N105B			RIGID	None	None	RIGID	Typical
83	MP4A	N107A	N106A			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
84	M84B	N108A	N109A			RIGID	None	None	RIGID	Typical
85	MP1C	N111A	N110A			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
86	M90A	N120A	N121A			RIGID	None	None	RIGID	Typical
87	MP4C	N123A	N122A			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
88	M92B	N124A	N125A			RIGID	None	None	RIGID	Typical
89	MP1B	N127A	N126A			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
90	M98A	N136A	N137A			RIGID	None	None	RIGID	Typical
91	MP4B	N139A	N138A			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
92	M92C	N124B	N125B			RIGID	None	None	RIGID	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
93	MP2C	N127B	N126B			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
94	M94A	N128A	N129A			RIGID	None	None	RIGID	Typical
95	MP3C	N131B	N130A			Mount Pipe P2.5	Column	Pipe	A53 Gr.B	Typical
96	M96A	N132A	N133A			RIGID	None	None	RIGID	Typical
97	MP2B	N135B	N134A			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
98	M98B	N136B	N137B			RIGID	None	None	RIGID	Typical
99	MP3B	N139B	N138B			Mount Pipe P2.5	Column	Pipe	A53 Gr.B	Typical
100	M100	N140A	N141A			RIGID	None	None	RIGID	Typical
101	OVP	N142A	N143			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
102	M102	N144A	N145			Mod Support ...	Column	Pipe	A53 Gr.B	Typical
103	M103	N146	N147			RIGID	None	None	RIGID	Typical
104	M104	N148A	N149			RIGID	None	None	RIGID	Typical
105	M105	N150	N151			RIGID	None	None	RIGID	Typical
106	M106	N152	N153			RIGID	None	None	RIGID	Typical
107	M107	N154	N155			Mod Support ...	Column	Pipe	A53 Gr.B	Typical
108	M108	N156	N157			RIGID	None	None	RIGID	Typical
109	M109	N158	N159			RIGID	None	None	RIGID	Typical
110	M110	N160	N161			RIGID	None	None	RIGID	Typical
111	M111	N162	N163			RIGID	None	None	RIGID	Typical
112	M112	N164	N165			Mod Support ...	Column	Pipe	A53 Gr.B	Typical
113	M113	N166	N167			RIGID	None	None	RIGID	Typical
114	M114	N168	N169			RIGID	None	None	RIGID	Typical
115	M115	N170	N171			RIGID	None	None	RIGID	Typical
116	M116	N172	N173			RIGID	None	None	RIGID	Typical
117	M117	N176	N174			RIGID	None	None	RIGID	Typical
118	M118	N177	N175			RIGID	None	None	RIGID	Typical
119	M119	N180	N178			RIGID	None	None	RIGID	Typical
120	M120	N181	N179			RIGID	None	None	RIGID	Typical
121	M121	N184	N182			RIGID	None	None	RIGID	Typical
122	M122	N185	N183			RIGID	None	None	RIGID	Typical
123	M123	N176	N185		90	Mod Support ...	Beam	Single Angle	A36 Gr.36	Typical
124	M124	N180	N177		90	Mod Support ...	Beam	Single Angle	A36 Gr.36	Typical
125	M125	N184	N181		90	Mod Support ...	Beam	Single Angle	A36 Gr.36	Typical

Member Advanced Data

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
1	FACE						Yes	Default			None
2	M4						Yes				None
3	M10						Yes	Default			None
4	M19						Yes	** NA **			None
5	MP1A						Yes	** NA **			None
6	M43						Yes	Default			None
7	M46						Yes	Default			None
8	M35A						Yes	** NA **			None
9	M36A						Yes	** NA **			None
10	M51B	OOOOOX	OOOOOX				Yes	Default			None
11	M52B	OOOOOX	OOOOOX				Yes	Default			None
12	M52						Yes	** NA **			None
13	M58						Yes	** NA **			None
14	M59						Yes	** NA **			None
15	M76						Yes	** NA **			None
16	M77						Yes	** NA **			None
17	M79		BenPIN				Yes	** NA **			None
18	M80						Yes				None
19	M83		BenPIN				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...
20	M84						Yes	** NA **			None
21	M85						Yes	** NA **			None
22	M88		BenPIN				Yes	** NA **			None
23	M91						Yes				None
24	M92		BenPIN				Yes	** NA **			None
25	M50						Yes	** NA **			None
26	M51						Yes	** NA **			None
27	M51A						Yes	** NA **			None
28	M52A						Yes				None
29	M53						Yes	Default			None
30	M54						Yes	Default			None
31	M55						Yes	Default			None
32	M56						Yes	** NA **			None
33	M57						Yes	** NA **			None
34	M58A	OOOOOX	OOOOOX				Yes	Default			None
35	M59A	OOOOOX	OOOOOX				Yes	Default			None
36	M60						Yes	** NA **			None
37	M61						Yes	** NA **			None
38	M62						Yes	** NA **			None
39	M63						Yes	** NA **			None
40	M64						Yes	** NA **			None
41	M65		BenPIN				Yes	** NA **			None
42	M66						Yes				None
43	M67		BenPIN				Yes	** NA **			None
44	M68						Yes	** NA **			None
45	M69						Yes	** NA **			None
46	M70		BenPIN				Yes	** NA **			None
47	M71						Yes				None
48	M72		BenPIN				Yes	** NA **			None
49	M73						Yes	** NA **			None
50	M74						Yes	** NA **			None
51	M75						Yes	** NA **			None
52	M76A						Yes				None
53	M77A						Yes	Default			None
54	M78						Yes	Default			None
55	M79A						Yes	Default			None
56	M80A						Yes	** NA **			None
57	M81						Yes	** NA **			None
58	M82	OOOOOX	OOOOOX				Yes	Default			None
59	M83A	OOOOOX	OOOOOX				Yes	Default			None
60	M84A						Yes	** NA **			None
61	M85A						Yes	** NA **			None
62	M86						Yes	** NA **			None
63	M87						Yes	** NA **			None
64	M88A						Yes	** NA **			None
65	M89		BenPIN				Yes	** NA **			None
66	M90						Yes				None
67	M91A		BenPIN				Yes	** NA **			None
68	M92A						Yes	** NA **			None
69	M93						Yes	** NA **			None
70	M94		BenPIN				Yes	** NA **			None
71	M95						Yes				None
72	M96		BenPIN				Yes	** NA **			None
73	M97						Yes	** NA **			None
74	M98						Yes	** NA **			None
75	M99						Yes	** NA **			None
76	M76B						Yes	Default			None

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
77	M77B						Yes	Default			None
78	M78A						Yes	** NA **			None
79	MP2A						Yes	** NA **			None
80	LIVE1						Yes	** NA **			None
81	MP3A						Yes	** NA **			None
82	LIVE2						Yes	** NA **			None
83	MP4A						Yes	** NA **			None
84	M84B						Yes	** NA **			None
85	MP1C						Yes	** NA **			None
86	M90A						Yes	** NA **			None
87	MP4C						Yes	** NA **			None
88	M92B						Yes	** NA **			None
89	MP1B						Yes	** NA **			None
90	M98A						Yes	** NA **			None
91	MP4B						Yes	** NA **			None
92	M92C						Yes	** NA **			None
93	MP2C						Yes	** NA **			None
94	M94A						Yes	** NA **			None
95	MP3C						Yes	** NA **			None
96	M96A						Yes	** NA **			None
97	MP2B						Yes	** NA **			None
98	M98B						Yes	** NA **			None
99	MP3B						Yes	** NA **			None
100	M100						Yes	** NA **			None
101	OVP						Yes	** NA **			None
102	M102						Yes	** NA **			None
103	M103						Yes	** NA **			None
104	M104						Yes	** NA **			None
105	M105						Yes	** NA **			None
106	M106						Yes	** NA **			None
107	M107						Yes	** NA **			None
108	M108						Yes	** NA **			None
109	M109						Yes	** NA **			None
110	M110						Yes	** NA **			None
111	M111						Yes	** NA **			None
112	M112						Yes	** NA **			None
113	M113						Yes	** NA **			None
114	M114						Yes	** NA **			None
115	M115						Yes	** NA **			None
116	M116						Yes	** NA **			None
117	M117		OOOOOO				Yes	** NA **			None
118	M118		OOOOOO				Yes	** NA **			None
119	M119		OOOOOO				Yes	** NA **			None
120	M120		OOOOOO				Yes	** NA **			None
121	M121		OOOOOO				Yes	** NA **			None
122	M122		OOOOOO				Yes	** NA **			None
123	M123						Yes				None
124	M124						Yes				None
125	M125						Yes	Default			None

Member Point Loads (BLC 1 : Antenna D)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	Y	-23	.5
2	MP3A	My	-.011	.5
3	MP3A	Mz	-.015	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
4	MP3A	Y	-23	5.5
5	MP3A	My	-.011	5.5
6	MP3A	Mz	-.015	5.5
7	MP3B	Y	-23	.5
8	MP3B	My	.019	.5
9	MP3B	Mz	-.002	.5
10	MP3B	Y	-23	5.5
11	MP3B	My	.019	5.5
12	MP3B	Mz	-.002	5.5
13	MP3C	Y	-23	.5
14	MP3C	My	-.001	.5
15	MP3C	Mz	.019	.5
16	MP3C	Y	-23	5.5
17	MP3C	My	-.001	5.5
18	MP3C	Mz	.019	5.5
19	MP3A	Y	-23	.5
20	MP3A	My	-.011	.5
21	MP3A	Mz	.015	.5
22	MP3A	Y	-23	5.5
23	MP3A	My	-.011	5.5
24	MP3A	Mz	.015	5.5
25	MP3B	Y	-23	.5
26	MP3B	My	-.008	.5
27	MP3B	Mz	-.018	.5
28	MP3B	Y	-23	5.5
29	MP3B	My	-.008	5.5
30	MP3B	Mz	-.018	5.5
31	MP3C	Y	-23	.5
32	MP3C	My	.019	.5
33	MP3C	Mz	-.004	.5
34	MP3C	Y	-23	5.5
35	MP3C	My	.019	5.5
36	MP3C	Mz	-.004	5.5
37	MP2A	Y	-43.55	1.75
38	MP2A	My	-.022	1.75
39	MP2A	Mz	0	1.75
40	MP2A	Y	-43.55	3.75
41	MP2A	My	-.022	3.75
42	MP2A	Mz	0	3.75
43	MP2B	Y	-43.55	1.75
44	MP2B	My	.011	1.75
45	MP2B	Mz	-.019	1.75
46	MP2B	Y	-43.55	3.75
47	MP2B	My	.011	3.75
48	MP2B	Mz	-.019	3.75
49	MP2C	Y	-43.55	1.75
50	MP2C	My	.017	1.75
51	MP2C	Mz	.014	1.75
52	MP2C	Y	-43.55	3.75
53	MP2C	My	.017	3.75
54	MP2C	Mz	.014	3.75
55	MP3A	Y	-74.7	2.5
56	MP3A	My	.037	2.5
57	MP3A	Mz	0	2.5
58	MP3B	Y	-74.7	2.5
59	MP3B	My	-.019	2.5
60	MP3B	Mz	.032	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
61	MP3C	Y	-74.7	2.5
62	MP3C	My	-.029	2.5
63	MP3C	Mz	-.024	2.5
64	MP4A	Y	-70.3	2.5
65	MP4A	My	.035	2.5
66	MP4A	Mz	0	2.5
67	MP4B	Y	-70.3	2.5
68	MP4B	My	-.018	2.5
69	MP4B	Mz	.03	2.5
70	MP4C	Y	-70.3	2.5
71	MP4C	My	-.027	2.5
72	MP4C	Mz	-.023	2.5
73	OVP	Y	-32	.5
74	OVP	My	0	.5
75	OVP	Mz	0	.5
76	MP1C	Y	-10	1
77	MP1C	My	.003	1
78	MP1C	Mz	.004	1
79	MP1C	Y	-10	4.5
80	MP1C	My	.003	4.5
81	MP1C	Mz	.004	4.5
82	MP4C	Y	-10	1
83	MP4C	My	.003	1
84	MP4C	Mz	.004	1
85	MP4C	Y	-10	4.5
86	MP4C	My	.003	4.5
87	MP4C	Mz	.004	4.5
88	MP1A	Y	-10	1
89	MP1A	My	-.005	1
90	MP1A	Mz	0	1
91	MP1A	Y	-10	4.5
92	MP1A	My	-.005	4.5
93	MP1A	Mz	0	4.5
94	MP1B	Y	-10	1
95	MP1B	My	.003	1
96	MP1B	Mz	-.004	1
97	MP1B	Y	-10	4.5
98	MP1B	My	.003	4.5
99	MP1B	Mz	-.004	4.5
100	MP4A	Y	-10	1
101	MP4A	My	-.005	1
102	MP4A	Mz	0	1
103	MP4A	Y	-10	4.5
104	MP4A	My	-.005	4.5
105	MP4A	Mz	0	4.5
106	MP4B	Y	-10	1
107	MP4B	My	.003	1
108	MP4B	Mz	-.004	1
109	MP4B	Y	-10	4.5
110	MP4B	My	.003	4.5
111	MP4B	Mz	-.004	4.5

Member Point Loads (BLC 2 : Antenna Di)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	Y	-83.668	.5
2	MP3A	My	-.042	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
3	MP3A	Mz	-.056	.5
4	MP3A	Y	-83.668	5.5
5	MP3A	My	-.042	5.5
6	MP3A	Mz	-.056	5.5
7	MP3B	Y	-83.668	.5
8	MP3B	My	.069	.5
9	MP3B	Mz	-.008	.5
10	MP3B	Y	-83.668	5.5
11	MP3B	My	.069	5.5
12	MP3B	Mz	-.008	5.5
13	MP3C	Y	-83.668	.5
14	MP3C	My	-.004	.5
15	MP3C	Mz	.07	.5
16	MP3C	Y	-83.668	5.5
17	MP3C	My	-.004	5.5
18	MP3C	Mz	.07	5.5
19	MP3A	Y	-83.668	.5
20	MP3A	My	-.042	.5
21	MP3A	Mz	.056	.5
22	MP3A	Y	-83.668	5.5
23	MP3A	My	-.042	5.5
24	MP3A	Mz	.056	5.5
25	MP3B	Y	-83.668	.5
26	MP3B	My	-.027	.5
27	MP3B	Mz	-.064	.5
28	MP3B	Y	-83.668	5.5
29	MP3B	My	-.027	5.5
30	MP3B	Mz	-.064	5.5
31	MP3C	Y	-83.668	.5
32	MP3C	My	.068	.5
33	MP3C	Mz	-.016	.5
34	MP3C	Y	-83.668	5.5
35	MP3C	My	.068	5.5
36	MP3C	Mz	-.016	5.5
37	MP2A	Y	-36.148	1.75
38	MP2A	My	-.018	1.75
39	MP2A	Mz	0	1.75
40	MP2A	Y	-36.148	3.75
41	MP2A	My	-.018	3.75
42	MP2A	Mz	0	3.75
43	MP2B	Y	-36.148	1.75
44	MP2B	My	.009	1.75
45	MP2B	Mz	-.016	1.75
46	MP2B	Y	-36.148	3.75
47	MP2B	My	.009	3.75
48	MP2B	Mz	-.016	3.75
49	MP2C	Y	-36.148	1.75
50	MP2C	My	.014	1.75
51	MP2C	Mz	.012	1.75
52	MP2C	Y	-36.148	3.75
53	MP2C	My	.014	3.75
54	MP2C	Mz	.012	3.75
55	MP3A	Y	-45.519	2.5
56	MP3A	My	.023	2.5
57	MP3A	Mz	0	2.5
58	MP3B	Y	-45.519	2.5
59	MP3B	My	-.011	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
60	MP3B	Mz	.02	2.5
61	MP3C	Y	-45.519	2.5
62	MP3C	My	-.017	2.5
63	MP3C	Mz	-.015	2.5
64	MP4A	Y	-43.35	2.5
65	MP4A	My	.022	2.5
66	MP4A	Mz	0	2.5
67	MP4B	Y	-43.35	2.5
68	MP4B	My	-.011	2.5
69	MP4B	Mz	.019	2.5
70	MP4C	Y	-43.35	2.5
71	MP4C	My	-.017	2.5
72	MP4C	Mz	-.014	2.5
73	OVP	Y	-89.086	.5
74	OVP	My	0	.5
75	OVP	Mz	0	.5
76	MP1C	Y	-63.68	1
77	MP1C	My	.016	1
78	MP1C	Mz	.028	1
79	MP1C	Y	-63.68	4.5
80	MP1C	My	.016	4.5
81	MP1C	Mz	.028	4.5
82	MP4C	Y	-63.68	1
83	MP4C	My	.016	1
84	MP4C	Mz	.028	1
85	MP4C	Y	-63.68	4.5
86	MP4C	My	.016	4.5
87	MP4C	Mz	.028	4.5
88	MP1A	Y	-63.68	1
89	MP1A	My	-.032	1
90	MP1A	Mz	0	1
91	MP1A	Y	-63.68	4.5
92	MP1A	My	-.032	4.5
93	MP1A	Mz	0	4.5
94	MP1B	Y	-63.68	1
95	MP1B	My	.016	1
96	MP1B	Mz	-.028	1
97	MP1B	Y	-63.68	4.5
98	MP1B	My	.016	4.5
99	MP1B	Mz	-.028	4.5
100	MP4A	Y	-63.68	1
101	MP4A	My	-.032	1
102	MP4A	Mz	0	1
103	MP4A	Y	-63.68	4.5
104	MP4A	My	-.032	4.5
105	MP4A	Mz	0	4.5
106	MP4B	Y	-63.68	1
107	MP4B	My	.016	1
108	MP4B	Mz	-.028	1
109	MP4B	Y	-63.68	4.5
110	MP4B	My	.016	4.5
111	MP4B	Mz	-.028	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	0	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
2	MP3A	Z	-232.779	.5
3	MP3A	Mx	.155	.5
4	MP3A	X	0	5.5
5	MP3A	Z	-232.779	5.5
6	MP3A	Mx	.155	5.5
7	MP3B	X	0	.5
8	MP3B	Z	-187.991	.5
9	MP3B	Mx	.019	.5
10	MP3B	X	0	5.5
11	MP3B	Z	-187.991	5.5
12	MP3B	Mx	.019	5.5
13	MP3C	X	0	.5
14	MP3C	Z	-208.105	.5
15	MP3C	Mx	-.173	.5
16	MP3C	X	0	5.5
17	MP3C	Z	-208.105	5.5
18	MP3C	Mx	-.173	5.5
19	MP3A	X	0	.5
20	MP3A	Z	-232.779	.5
21	MP3A	Mx	-.155	.5
22	MP3A	X	0	5.5
23	MP3A	Z	-232.779	5.5
24	MP3A	Mx	-.155	5.5
25	MP3B	X	0	.5
26	MP3B	Z	-187.991	.5
27	MP3B	Mx	.144	.5
28	MP3B	X	0	5.5
29	MP3B	Z	-187.991	5.5
30	MP3B	Mx	.144	5.5
31	MP3C	X	0	.5
32	MP3C	Z	-208.105	.5
33	MP3C	Mx	.039	.5
34	MP3C	X	0	5.5
35	MP3C	Z	-208.105	5.5
36	MP3C	Mx	.039	5.5
37	MP2A	X	0	1.75
38	MP2A	Z	-110.847	1.75
39	MP2A	Mx	0	1.75
40	MP2A	X	0	3.75
41	MP2A	Z	-110.847	3.75
42	MP2A	Mx	0	3.75
43	MP2B	X	0	1.75
44	MP2B	Z	-60.259	1.75
45	MP2B	Mx	.026	1.75
46	MP2B	X	0	3.75
47	MP2B	Z	-60.259	3.75
48	MP2B	Mx	.026	3.75
49	MP2C	X	0	1.75
50	MP2C	Z	-82.978	1.75
51	MP2C	Mx	-.027	1.75
52	MP2C	X	0	3.75
53	MP2C	Z	-82.978	3.75
54	MP2C	Mx	-.027	3.75
55	MP3A	X	0	2.5
56	MP3A	Z	-87.97	2.5
57	MP3A	Mx	0	2.5
58	MP3B	X	0	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
59	MP3B	Z	-66.095	2.5
60	MP3B	Mx	-.029	2.5
61	MP3C	X	0	2.5
62	MP3C	Z	-75.919	2.5
63	MP3C	Mx	.024	2.5
64	MP4A	X	0	2.5
65	MP4A	Z	-87.97	2.5
66	MP4A	Mx	0	2.5
67	MP4B	X	0	2.5
68	MP4B	Z	-62.126	2.5
69	MP4B	Mx	-.027	2.5
70	MP4C	X	0	2.5
71	MP4C	Z	-73.732	2.5
72	MP4C	Mx	.024	2.5
73	OVP	X	0	.5
74	OVP	Z	-179.674	.5
75	OVP	Mx	0	.5
76	MP1C	X	0	1
77	MP1C	Z	-131.228	1
78	MP1C	Mx	-.057	1
79	MP1C	X	0	4.5
80	MP1C	Z	-131.228	4.5
81	MP1C	Mx	-.057	4.5
82	MP4C	X	0	1
83	MP4C	Z	-131.228	1
84	MP4C	Mx	-.057	1
85	MP4C	X	0	4.5
86	MP4C	Z	-131.228	4.5
87	MP4C	Mx	-.057	4.5
88	MP1A	X	0	1
89	MP1A	Z	-144.656	1
90	MP1A	Mx	0	1
91	MP1A	X	0	4.5
92	MP1A	Z	-144.656	4.5
93	MP1A	Mx	0	4.5
94	MP1B	X	0	1
95	MP1B	Z	-131.228	1
96	MP1B	Mx	.057	1
97	MP1B	X	0	4.5
98	MP1B	Z	-131.228	4.5
99	MP1B	Mx	.057	4.5
100	MP4A	X	0	1
101	MP4A	Z	-144.656	1
102	MP4A	Mx	0	1
103	MP4A	X	0	4.5
104	MP4A	Z	-144.656	4.5
105	MP4A	Mx	0	4.5
106	MP4B	X	0	1
107	MP4B	Z	-131.228	1
108	MP4B	Mx	.057	1
109	MP4B	X	0	4.5
110	MP4B	Z	-131.228	4.5
111	MP4B	Mx	.057	4.5

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

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

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	108.925	.5
2	MP3A	Z	-188.663	.5
3	MP3A	Mx	.071	.5
4	MP3A	X	108.925	5.5
5	MP3A	Z	-188.663	5.5
6	MP3A	Mx	.071	5.5
7	MP3B	X	86.531	.5
8	MP3B	Z	-149.876	.5
9	MP3B	Mx	.087	.5
10	MP3B	X	86.531	5.5
11	MP3B	Z	-149.876	5.5
12	MP3B	Mx	.087	5.5
13	MP3C	X	115.489	.5
14	MP3C	Z	-200.033	.5
15	MP3C	Mx	-.172	.5
16	MP3C	X	115.489	5.5
17	MP3C	Z	-200.033	5.5
18	MP3C	Mx	-.172	5.5
19	MP3A	X	108.925	.5
20	MP3A	Z	-188.663	.5
21	MP3A	Mx	-.18	.5
22	MP3A	X	108.925	5.5
23	MP3A	Z	-188.663	5.5
24	MP3A	Mx	-.18	5.5
25	MP3B	X	86.531	.5
26	MP3B	Z	-149.876	.5
27	MP3B	Mx	.087	.5
28	MP3B	X	86.531	5.5
29	MP3B	Z	-149.876	5.5
30	MP3B	Mx	.087	5.5
31	MP3C	X	115.489	.5
32	MP3C	Z	-200.033	.5
33	MP3C	Mx	.132	.5
34	MP3C	X	115.489	5.5
35	MP3C	Z	-200.033	5.5
36	MP3C	Mx	.132	5.5
37	MP2A	X	46.992	1.75
38	MP2A	Z	-81.393	1.75
39	MP2A	Mx	-.023	1.75
40	MP2A	X	46.992	3.75
41	MP2A	Z	-81.393	3.75
42	MP2A	Mx	-.023	3.75
43	MP2B	X	21.698	1.75
44	MP2B	Z	-37.582	1.75
45	MP2B	Mx	.022	1.75
46	MP2B	X	21.698	3.75
47	MP2B	Z	-37.582	3.75
48	MP2B	Mx	.022	3.75
49	MP2C	X	54.407	1.75
50	MP2C	Z	-94.235	1.75
51	MP2C	Mx	-.009	1.75
52	MP2C	X	54.407	3.75
53	MP2C	Z	-94.235	3.75
54	MP2C	Mx	-.009	3.75
55	MP3A	X	40.339	2.5
56	MP3A	Z	-69.869	2.5
57	MP3A	Mx	.02	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3B	X	29.402	2.5
59	MP3B	Z	-50.925	2.5
60	MP3B	Mx	-.029	2.5
61	MP3C	X	43.545	2.5
62	MP3C	Z	-75.422	2.5
63	MP3C	Mx	.008	2.5
64	MP4A	X	39.678	2.5
65	MP4A	Z	-68.723	2.5
66	MP4A	Mx	.02	2.5
67	MP4B	X	26.756	2.5
68	MP4B	Z	-46.342	2.5
69	MP4B	Mx	-.027	2.5
70	MP4C	X	43.465	2.5
71	MP4C	Z	-75.284	2.5
72	MP4C	Mx	.008	2.5
73	OVP	X	78.517	.5
74	OVP	Z	-135.996	.5
75	OVP	Mx	0	.5
76	MP1C	X	70.09	1
77	MP1C	Z	-121.4	1
78	MP1C	Mx	-.035	1
79	MP1C	X	70.09	4.5
80	MP1C	Z	-121.4	4.5
81	MP1C	Mx	-.035	4.5
82	MP4C	X	70.09	1
83	MP4C	Z	-121.4	1
84	MP4C	Mx	-.035	1
85	MP4C	X	70.09	4.5
86	MP4C	Z	-121.4	4.5
87	MP4C	Mx	-.035	4.5
88	MP1A	X	70.09	1
89	MP1A	Z	-121.4	1
90	MP1A	Mx	-.035	1
91	MP1A	X	70.09	4.5
92	MP1A	Z	-121.4	4.5
93	MP1A	Mx	-.035	4.5
94	MP1B	X	63.376	1
95	MP1B	Z	-109.771	1
96	MP1B	Mx	.063	1
97	MP1B	X	63.376	4.5
98	MP1B	Z	-109.771	4.5
99	MP1B	Mx	.063	4.5
100	MP4A	X	70.09	1
101	MP4A	Z	-121.4	1
102	MP4A	Mx	-.035	1
103	MP4A	X	70.09	4.5
104	MP4A	Z	-121.4	4.5
105	MP4A	Mx	-.035	4.5
106	MP4B	X	63.376	1
107	MP4B	Z	-109.771	1
108	MP4B	Mx	.063	1
109	MP4B	X	63.376	4.5
110	MP4B	Z	-109.771	4.5
111	MP4B	Mx	.063	4.5

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

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

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	162.805	.5
2	MP3A	Z	-93.996	.5
3	MP3A	Mx	-.019	.5
4	MP3A	X	162.805	5.5
5	MP3A	Z	-93.996	5.5
6	MP3A	Mx	-.019	5.5
7	MP3B	X	162.805	.5
8	MP3B	Z	-93.996	.5
9	MP3B	Mx	.144	.5
10	MP3B	X	162.805	5.5
11	MP3B	Z	-93.996	5.5
12	MP3B	Mx	.144	5.5
13	MP3C	X	195.543	.5
14	MP3C	Z	-112.897	.5
15	MP3C	Mx	-.103	.5
16	MP3C	X	195.543	5.5
17	MP3C	Z	-112.897	5.5
18	MP3C	Mx	-.103	5.5
19	MP3A	X	162.805	.5
20	MP3A	Z	-93.996	.5
21	MP3A	Mx	-.144	.5
22	MP3A	X	162.805	5.5
23	MP3A	Z	-93.996	5.5
24	MP3A	Mx	-.144	5.5
25	MP3B	X	162.805	.5
26	MP3B	Z	-93.996	.5
27	MP3B	Mx	.019	.5
28	MP3B	X	162.805	5.5
29	MP3B	Z	-93.996	5.5
30	MP3B	Mx	.019	5.5
31	MP3C	X	195.543	.5
32	MP3C	Z	-112.897	.5
33	MP3C	Mx	.18	.5
34	MP3C	X	195.543	5.5
35	MP3C	Z	-112.897	5.5
36	MP3C	Mx	.18	5.5
37	MP2A	X	52.186	1.75
38	MP2A	Z	-30.13	1.75
39	MP2A	Mx	-.026	1.75
40	MP2A	X	52.186	3.75
41	MP2A	Z	-30.13	3.75
42	MP2A	Mx	-.026	3.75
43	MP2B	X	52.186	1.75
44	MP2B	Z	-30.13	1.75
45	MP2B	Mx	.026	1.75
46	MP2B	X	52.186	3.75
47	MP2B	Z	-30.13	3.75
48	MP2B	Mx	.026	3.75
49	MP2C	X	89.163	1.75
50	MP2C	Z	-51.478	1.75
51	MP2C	Mx	.018	1.75
52	MP2C	X	89.163	3.75
53	MP2C	Z	-51.478	3.75
54	MP2C	Mx	.018	3.75
55	MP3A	X	57.24	2.5
56	MP3A	Z	-33.047	2.5
57	MP3A	Mx	.029	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3B	X	57.24	2.5
59	MP3B	Z	-33.047	2.5
60	MP3B	Mx	-.029	2.5
61	MP3C	X	73.229	2.5
62	MP3C	Z	-42.279	2.5
63	MP3C	Mx	-.014	2.5
64	MP4A	X	53.802	2.5
65	MP4A	Z	-31.063	2.5
66	MP4A	Mx	.027	2.5
67	MP4B	X	53.802	2.5
68	MP4B	Z	-31.063	2.5
69	MP4B	Mx	-.027	2.5
70	MP4C	X	72.693	2.5
71	MP4C	Z	-41.969	2.5
72	MP4C	Mx	-.014	2.5
73	OVP	X	126.193	.5
74	OVP	Z	-72.857	.5
75	OVP	Mx	0	.5
76	MP1C	X	125.276	1
77	MP1C	Z	-72.328	1
78	MP1C	Mx	0	1
79	MP1C	X	125.276	4.5
80	MP1C	Z	-72.328	4.5
81	MP1C	Mx	0	4.5
82	MP4C	X	125.276	1
83	MP4C	Z	-72.328	1
84	MP4C	Mx	0	1
85	MP4C	X	125.276	4.5
86	MP4C	Z	-72.328	4.5
87	MP4C	Mx	0	4.5
88	MP1A	X	113.647	1
89	MP1A	Z	-65.614	1
90	MP1A	Mx	-.057	1
91	MP1A	X	113.647	4.5
92	MP1A	Z	-65.614	4.5
93	MP1A	Mx	-.057	4.5
94	MP1B	X	113.647	1
95	MP1B	Z	-65.614	1
96	MP1B	Mx	.057	1
97	MP1B	X	113.647	4.5
98	MP1B	Z	-65.614	4.5
99	MP1B	Mx	.057	4.5
100	MP4A	X	113.647	1
101	MP4A	Z	-65.614	1
102	MP4A	Mx	-.057	1
103	MP4A	X	113.647	4.5
104	MP4A	Z	-65.614	4.5
105	MP4A	Mx	-.057	4.5
106	MP4B	X	113.647	1
107	MP4B	Z	-65.614	1
108	MP4B	Mx	.057	1
109	MP4B	X	113.647	4.5
110	MP4B	Z	-65.614	4.5
111	MP4B	Mx	.057	4.5

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

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

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	173.062	.5
2	MP3A	Z	0	.5
3	MP3A	Mx	-.087	.5
4	MP3A	X	173.062	5.5
5	MP3A	Z	0	5.5
6	MP3A	Mx	-.087	5.5
7	MP3B	X	217.85	.5
8	MP3B	Z	0	.5
9	MP3B	Mx	.18	.5
10	MP3B	X	217.85	5.5
11	MP3B	Z	0	5.5
12	MP3B	Mx	.18	5.5
13	MP3C	X	197.736	.5
14	MP3C	Z	0	.5
15	MP3C	Mx	-.009	.5
16	MP3C	X	197.736	5.5
17	MP3C	Z	0	5.5
18	MP3C	Mx	-.009	5.5
19	MP3A	X	173.062	.5
20	MP3A	Z	0	.5
21	MP3A	Mx	-.087	.5
22	MP3A	X	173.062	5.5
23	MP3A	Z	0	5.5
24	MP3A	Mx	-.087	5.5
25	MP3B	X	217.85	.5
26	MP3B	Z	0	.5
27	MP3B	Mx	-.071	.5
28	MP3B	X	217.85	5.5
29	MP3B	Z	0	5.5
30	MP3B	Mx	-.071	5.5
31	MP3C	X	197.736	.5
32	MP3C	Z	0	.5
33	MP3C	Mx	.16	.5
34	MP3C	X	197.736	5.5
35	MP3C	Z	0	5.5
36	MP3C	Mx	.16	5.5
37	MP2A	X	43.396	1.75
38	MP2A	Z	0	1.75
39	MP2A	Mx	-.022	1.75
40	MP2A	X	43.396	3.75
41	MP2A	Z	0	3.75
42	MP2A	Mx	-.022	3.75
43	MP2B	X	93.984	1.75
44	MP2B	Z	0	1.75
45	MP2B	Mx	.023	1.75
46	MP2B	X	93.984	3.75
47	MP2B	Z	0	3.75
48	MP2B	Mx	.023	3.75
49	MP2C	X	71.265	1.75
50	MP2C	Z	0	1.75
51	MP2C	Mx	.027	1.75
52	MP2C	X	71.265	3.75
53	MP2C	Z	0	3.75
54	MP2C	Mx	.027	3.75
55	MP3A	X	58.803	2.5
56	MP3A	Z	0	2.5
57	MP3A	Mx	.029	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3B	X	80.678	2.5
59	MP3B	Z	0	2.5
60	MP3B	Mx	-.02	2.5
61	MP3C	X	70.854	2.5
62	MP3C	Z	0	2.5
63	MP3C	Mx	-.027	2.5
64	MP4A	X	53.511	2.5
65	MP4A	Z	0	2.5
66	MP4A	Mx	.027	2.5
67	MP4B	X	79.355	2.5
68	MP4B	Z	0	2.5
69	MP4B	Mx	-.02	2.5
70	MP4C	X	67.749	2.5
71	MP4C	Z	0	2.5
72	MP4C	Mx	-.026	2.5
73	OVP	X	157.034	.5
74	OVP	Z	0	.5
75	OVP	Mx	0	.5
76	MP1C	X	140.18	1
77	MP1C	Z	0	1
78	MP1C	Mx	.035	1
79	MP1C	X	140.18	4.5
80	MP1C	Z	0	4.5
81	MP1C	Mx	.035	4.5
82	MP4C	X	140.18	1
83	MP4C	Z	0	1
84	MP4C	Mx	.035	1
85	MP4C	X	140.18	4.5
86	MP4C	Z	0	4.5
87	MP4C	Mx	.035	4.5
88	MP1A	X	126.752	1
89	MP1A	Z	0	1
90	MP1A	Mx	-.063	1
91	MP1A	X	126.752	4.5
92	MP1A	Z	0	4.5
93	MP1A	Mx	-.063	4.5
94	MP1B	X	140.18	1
95	MP1B	Z	0	1
96	MP1B	Mx	.035	1
97	MP1B	X	140.18	4.5
98	MP1B	Z	0	4.5
99	MP1B	Mx	.035	4.5
100	MP4A	X	126.752	1
101	MP4A	Z	0	1
102	MP4A	Mx	-.063	1
103	MP4A	X	126.752	4.5
104	MP4A	Z	0	4.5
105	MP4A	Mx	-.063	4.5
106	MP4B	X	140.18	1
107	MP4B	Z	0	1
108	MP4B	Mx	.035	1
109	MP4B	X	140.18	4.5
110	MP4B	Z	0	4.5
111	MP4B	Mx	.035	4.5

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

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

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	162.805	.5
2	MP3A	Z	93.996	.5
3	MP3A	Mx	-.144	.5
4	MP3A	X	162.805	5.5
5	MP3A	Z	93.996	5.5
6	MP3A	Mx	-.144	5.5
7	MP3B	X	201.592	.5
8	MP3B	Z	116.389	.5
9	MP3B	Mx	.155	.5
10	MP3B	X	201.592	5.5
11	MP3B	Z	116.389	5.5
12	MP3B	Mx	.155	5.5
13	MP3C	X	151.436	.5
14	MP3C	Z	87.431	.5
15	MP3C	Mx	.066	.5
16	MP3C	X	151.436	5.5
17	MP3C	Z	87.431	5.5
18	MP3C	Mx	.066	5.5
19	MP3A	X	162.805	.5
20	MP3A	Z	93.996	.5
21	MP3A	Mx	-.019	.5
22	MP3A	X	162.805	5.5
23	MP3A	Z	93.996	5.5
24	MP3A	Mx	-.019	5.5
25	MP3B	X	201.592	.5
26	MP3B	Z	116.389	.5
27	MP3B	Mx	-.155	.5
28	MP3B	X	201.592	5.5
29	MP3B	Z	116.389	5.5
30	MP3B	Mx	-.155	5.5
31	MP3C	X	151.436	.5
32	MP3C	Z	87.431	.5
33	MP3C	Mx	.106	.5
34	MP3C	X	151.436	5.5
35	MP3C	Z	87.431	5.5
36	MP3C	Mx	.106	5.5
37	MP2A	X	52.186	1.75
38	MP2A	Z	30.13	1.75
39	MP2A	Mx	-.026	1.75
40	MP2A	X	52.186	3.75
41	MP2A	Z	30.13	3.75
42	MP2A	Mx	-.026	3.75
43	MP2B	X	95.996	1.75
44	MP2B	Z	55.424	1.75
45	MP2B	Mx	0	1.75
46	MP2B	X	95.996	3.75
47	MP2B	Z	55.424	3.75
48	MP2B	Mx	0	3.75
49	MP2C	X	39.344	1.75
50	MP2C	Z	22.715	1.75
51	MP2C	Mx	.022	1.75
52	MP2C	X	39.344	3.75
53	MP2C	Z	22.715	3.75
54	MP2C	Mx	.022	3.75
55	MP3A	X	57.24	2.5
56	MP3A	Z	33.047	2.5
57	MP3A	Mx	.029	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3B	X	76.184	2.5
59	MP3B	Z	43.985	2.5
60	MP3B	Mx	0	2.5
61	MP3C	X	51.687	2.5
62	MP3C	Z	29.841	2.5
63	MP3C	Mx	-.029	2.5
64	MP4A	X	53.802	2.5
65	MP4A	Z	31.063	2.5
66	MP4A	Mx	.027	2.5
67	MP4B	X	76.184	2.5
68	MP4B	Z	43.985	2.5
69	MP4B	Mx	0	2.5
70	MP4C	X	47.242	2.5
71	MP4C	Z	27.275	2.5
72	MP4C	Mx	-.027	2.5
73	OVP	X	155.602	.5
74	OVP	Z	89.837	.5
75	OVP	Mx	0	.5
76	MP1C	X	113.647	1
77	MP1C	Z	65.614	1
78	MP1C	Mx	.057	1
79	MP1C	X	113.647	4.5
80	MP1C	Z	65.614	4.5
81	MP1C	Mx	.057	4.5
82	MP4C	X	113.647	1
83	MP4C	Z	65.614	1
84	MP4C	Mx	.057	1
85	MP4C	X	113.647	4.5
86	MP4C	Z	65.614	4.5
87	MP4C	Mx	.057	4.5
88	MP1A	X	113.647	1
89	MP1A	Z	65.614	1
90	MP1A	Mx	-.057	1
91	MP1A	X	113.647	4.5
92	MP1A	Z	65.614	4.5
93	MP1A	Mx	-.057	4.5
94	MP1B	X	125.276	1
95	MP1B	Z	72.328	1
96	MP1B	Mx	0	1
97	MP1B	X	125.276	4.5
98	MP1B	Z	72.328	4.5
99	MP1B	Mx	0	4.5
100	MP4A	X	113.647	1
101	MP4A	Z	65.614	1
102	MP4A	Mx	-.057	1
103	MP4A	X	113.647	4.5
104	MP4A	Z	65.614	4.5
105	MP4A	Mx	-.057	4.5
106	MP4B	X	125.276	1
107	MP4B	Z	72.328	1
108	MP4B	Mx	0	1
109	MP4B	X	125.276	4.5
110	MP4B	Z	72.328	4.5
111	MP4B	Mx	0	4.5

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

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

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	108.925	.5
2	MP3A	Z	188.663	.5
3	MP3A	Mx	-.18	.5
4	MP3A	X	108.925	5.5
5	MP3A	Z	188.663	5.5
6	MP3A	Mx	-.18	5.5
7	MP3B	X	108.925	.5
8	MP3B	Z	188.663	.5
9	MP3B	Mx	.071	.5
10	MP3B	X	108.925	5.5
11	MP3B	Z	188.663	5.5
12	MP3B	Mx	.071	5.5
13	MP3C	X	90.024	.5
14	MP3C	Z	155.926	.5
15	MP3C	Mx	.126	.5
16	MP3C	X	90.024	5.5
17	MP3C	Z	155.926	5.5
18	MP3C	Mx	.126	5.5
19	MP3A	X	108.925	.5
20	MP3A	Z	188.663	.5
21	MP3A	Mx	.071	.5
22	MP3A	X	108.925	5.5
23	MP3A	Z	188.663	5.5
24	MP3A	Mx	.071	5.5
25	MP3B	X	108.925	.5
26	MP3B	Z	188.663	.5
27	MP3B	Mx	-.18	.5
28	MP3B	X	108.925	5.5
29	MP3B	Z	188.663	5.5
30	MP3B	Mx	-.18	5.5
31	MP3C	X	90.024	.5
32	MP3C	Z	155.926	.5
33	MP3C	Mx	.044	.5
34	MP3C	X	90.024	5.5
35	MP3C	Z	155.926	5.5
36	MP3C	Mx	.044	5.5
37	MP2A	X	46.992	1.75
38	MP2A	Z	81.393	1.75
39	MP2A	Mx	-.023	1.75
40	MP2A	X	46.992	3.75
41	MP2A	Z	81.393	3.75
42	MP2A	Mx	-.023	3.75
43	MP2B	X	46.992	1.75
44	MP2B	Z	81.393	1.75
45	MP2B	Mx	-.023	1.75
46	MP2B	X	46.992	3.75
47	MP2B	Z	81.393	3.75
48	MP2B	Mx	-.023	3.75
49	MP2C	X	25.643	1.75
50	MP2C	Z	44.416	1.75
51	MP2C	Mx	.024	1.75
52	MP2C	X	25.643	3.75
53	MP2C	Z	44.416	3.75
54	MP2C	Mx	.024	3.75
55	MP3A	X	40.339	2.5
56	MP3A	Z	69.869	2.5
57	MP3A	Mx	.02	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3B	X	40.339	2.5
59	MP3B	Z	69.869	2.5
60	MP3B	Mx	.02	2.5
61	MP3C	X	31.108	2.5
62	MP3C	Z	53.88	2.5
63	MP3C	Mx	-.029	2.5
64	MP4A	X	39.678	2.5
65	MP4A	Z	68.723	2.5
66	MP4A	Mx	.02	2.5
67	MP4B	X	39.678	2.5
68	MP4B	Z	68.723	2.5
69	MP4B	Mx	.02	2.5
70	MP4C	X	28.771	2.5
71	MP4C	Z	49.833	2.5
72	MP4C	Mx	-.027	2.5
73	OVP	X	95.497	.5
74	OVP	Z	165.405	.5
75	OVP	Mx	0	.5
76	MP1C	X	63.376	1
77	MP1C	Z	109.771	1
78	MP1C	Mx	.063	1
79	MP1C	X	63.376	4.5
80	MP1C	Z	109.771	4.5
81	MP1C	Mx	.063	4.5
82	MP4C	X	63.376	1
83	MP4C	Z	109.771	1
84	MP4C	Mx	.063	1
85	MP4C	X	63.376	4.5
86	MP4C	Z	109.771	4.5
87	MP4C	Mx	.063	4.5
88	MP1A	X	70.09	1
89	MP1A	Z	121.4	1
90	MP1A	Mx	-.035	1
91	MP1A	X	70.09	4.5
92	MP1A	Z	121.4	4.5
93	MP1A	Mx	-.035	4.5
94	MP1B	X	70.09	1
95	MP1B	Z	121.4	1
96	MP1B	Mx	-.035	1
97	MP1B	X	70.09	4.5
98	MP1B	Z	121.4	4.5
99	MP1B	Mx	-.035	4.5
100	MP4A	X	70.09	1
101	MP4A	Z	121.4	1
102	MP4A	Mx	-.035	1
103	MP4A	X	70.09	4.5
104	MP4A	Z	121.4	4.5
105	MP4A	Mx	-.035	4.5
106	MP4B	X	70.09	1
107	MP4B	Z	121.4	1
108	MP4B	Mx	-.035	1
109	MP4B	X	70.09	4.5
110	MP4B	Z	121.4	4.5
111	MP4B	Mx	-.035	4.5

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

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

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	0	.5
2	MP3A	Z	232.779	.5
3	MP3A	Mx	-.155	.5
4	MP3A	X	0	5.5
5	MP3A	Z	232.779	5.5
6	MP3A	Mx	-.155	5.5
7	MP3B	X	0	.5
8	MP3B	Z	187.991	.5
9	MP3B	Mx	-.019	.5
10	MP3B	X	0	5.5
11	MP3B	Z	187.991	5.5
12	MP3B	Mx	-.019	5.5
13	MP3C	X	0	.5
14	MP3C	Z	208.105	.5
15	MP3C	Mx	.173	.5
16	MP3C	X	0	5.5
17	MP3C	Z	208.105	5.5
18	MP3C	Mx	.173	5.5
19	MP3A	X	0	.5
20	MP3A	Z	232.779	.5
21	MP3A	Mx	.155	.5
22	MP3A	X	0	5.5
23	MP3A	Z	232.779	5.5
24	MP3A	Mx	.155	5.5
25	MP3B	X	0	.5
26	MP3B	Z	187.991	.5
27	MP3B	Mx	-.144	.5
28	MP3B	X	0	5.5
29	MP3B	Z	187.991	5.5
30	MP3B	Mx	-.144	5.5
31	MP3C	X	0	.5
32	MP3C	Z	208.105	.5
33	MP3C	Mx	-.039	.5
34	MP3C	X	0	5.5
35	MP3C	Z	208.105	5.5
36	MP3C	Mx	-.039	5.5
37	MP2A	X	0	1.75
38	MP2A	Z	110.847	1.75
39	MP2A	Mx	0	1.75
40	MP2A	X	0	3.75
41	MP2A	Z	110.847	3.75
42	MP2A	Mx	0	3.75
43	MP2B	X	0	1.75
44	MP2B	Z	60.259	1.75
45	MP2B	Mx	-.026	1.75
46	MP2B	X	0	3.75
47	MP2B	Z	60.259	3.75
48	MP2B	Mx	-.026	3.75
49	MP2C	X	0	1.75
50	MP2C	Z	82.978	1.75
51	MP2C	Mx	.027	1.75
52	MP2C	X	0	3.75
53	MP2C	Z	82.978	3.75
54	MP2C	Mx	.027	3.75
55	MP3A	X	0	2.5
56	MP3A	Z	87.97	2.5
57	MP3A	Mx	0	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3B	X	0	2.5
59	MP3B	Z	66.095	2.5
60	MP3B	Mx	.029	2.5
61	MP3C	X	0	2.5
62	MP3C	Z	75.919	2.5
63	MP3C	Mx	-.024	2.5
64	MP4A	X	0	2.5
65	MP4A	Z	87.97	2.5
66	MP4A	Mx	0	2.5
67	MP4B	X	0	2.5
68	MP4B	Z	62.126	2.5
69	MP4B	Mx	.027	2.5
70	MP4C	X	0	2.5
71	MP4C	Z	73.732	2.5
72	MP4C	Mx	-.024	2.5
73	OVP	X	0	.5
74	OVP	Z	179.674	.5
75	OVP	Mx	0	.5
76	MP1C	X	0	1
77	MP1C	Z	131.228	1
78	MP1C	Mx	.057	1
79	MP1C	X	0	4.5
80	MP1C	Z	131.228	4.5
81	MP1C	Mx	.057	4.5
82	MP4C	X	0	1
83	MP4C	Z	131.228	1
84	MP4C	Mx	.057	1
85	MP4C	X	0	4.5
86	MP4C	Z	131.228	4.5
87	MP4C	Mx	.057	4.5
88	MP1A	X	0	1
89	MP1A	Z	144.656	1
90	MP1A	Mx	0	1
91	MP1A	X	0	4.5
92	MP1A	Z	144.656	4.5
93	MP1A	Mx	0	4.5
94	MP1B	X	0	1
95	MP1B	Z	131.228	1
96	MP1B	Mx	-.057	1
97	MP1B	X	0	4.5
98	MP1B	Z	131.228	4.5
99	MP1B	Mx	-.057	4.5
100	MP4A	X	0	1
101	MP4A	Z	144.656	1
102	MP4A	Mx	0	1
103	MP4A	X	0	4.5
104	MP4A	Z	144.656	4.5
105	MP4A	Mx	0	4.5
106	MP4B	X	0	1
107	MP4B	Z	131.228	1
108	MP4B	Mx	-.057	1
109	MP4B	X	0	4.5
110	MP4B	Z	131.228	4.5
111	MP4B	Mx	-.057	4.5

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

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

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-108.925	.5
2	MP3A	Z	188.663	.5
3	MP3A	Mx	-.071	.5
4	MP3A	X	-108.925	5.5
5	MP3A	Z	188.663	5.5
6	MP3A	Mx	-.071	5.5
7	MP3B	X	-86.531	.5
8	MP3B	Z	149.876	.5
9	MP3B	Mx	-.087	.5
10	MP3B	X	-86.531	5.5
11	MP3B	Z	149.876	5.5
12	MP3B	Mx	-.087	5.5
13	MP3C	X	-115.489	.5
14	MP3C	Z	200.033	.5
15	MP3C	Mx	.172	.5
16	MP3C	X	-115.489	5.5
17	MP3C	Z	200.033	5.5
18	MP3C	Mx	.172	5.5
19	MP3A	X	-108.925	.5
20	MP3A	Z	188.663	.5
21	MP3A	Mx	.18	.5
22	MP3A	X	-108.925	5.5
23	MP3A	Z	188.663	5.5
24	MP3A	Mx	.18	5.5
25	MP3B	X	-86.531	.5
26	MP3B	Z	149.876	.5
27	MP3B	Mx	-.087	.5
28	MP3B	X	-86.531	5.5
29	MP3B	Z	149.876	5.5
30	MP3B	Mx	-.087	5.5
31	MP3C	X	-115.489	.5
32	MP3C	Z	200.033	.5
33	MP3C	Mx	-.132	.5
34	MP3C	X	-115.489	5.5
35	MP3C	Z	200.033	5.5
36	MP3C	Mx	-.132	5.5
37	MP2A	X	-46.992	1.75
38	MP2A	Z	81.393	1.75
39	MP2A	Mx	.023	1.75
40	MP2A	X	-46.992	3.75
41	MP2A	Z	81.393	3.75
42	MP2A	Mx	.023	3.75
43	MP2B	X	-21.698	1.75
44	MP2B	Z	37.582	1.75
45	MP2B	Mx	-.022	1.75
46	MP2B	X	-21.698	3.75
47	MP2B	Z	37.582	3.75
48	MP2B	Mx	-.022	3.75
49	MP2C	X	-54.407	1.75
50	MP2C	Z	94.235	1.75
51	MP2C	Mx	.009	1.75
52	MP2C	X	-54.407	3.75
53	MP2C	Z	94.235	3.75
54	MP2C	Mx	.009	3.75
55	MP3A	X	-40.339	2.5
56	MP3A	Z	69.869	2.5
57	MP3A	Mx	-.02	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3B	X	-29.402	2.5
59	MP3B	Z	50.925	2.5
60	MP3B	Mx	.029	2.5
61	MP3C	X	-43.545	2.5
62	MP3C	Z	75.422	2.5
63	MP3C	Mx	-.008	2.5
64	MP4A	X	-39.678	2.5
65	MP4A	Z	68.723	2.5
66	MP4A	Mx	-.02	2.5
67	MP4B	X	-26.756	2.5
68	MP4B	Z	46.342	2.5
69	MP4B	Mx	.027	2.5
70	MP4C	X	-43.465	2.5
71	MP4C	Z	75.284	2.5
72	MP4C	Mx	-.008	2.5
73	OVP	X	-78.517	.5
74	OVP	Z	135.996	.5
75	OVP	Mx	0	.5
76	MP1C	X	-70.09	1
77	MP1C	Z	121.4	1
78	MP1C	Mx	.035	1
79	MP1C	X	-70.09	4.5
80	MP1C	Z	121.4	4.5
81	MP1C	Mx	.035	4.5
82	MP4C	X	-70.09	1
83	MP4C	Z	121.4	1
84	MP4C	Mx	.035	1
85	MP4C	X	-70.09	4.5
86	MP4C	Z	121.4	4.5
87	MP4C	Mx	.035	4.5
88	MP1A	X	-70.09	1
89	MP1A	Z	121.4	1
90	MP1A	Mx	.035	1
91	MP1A	X	-70.09	4.5
92	MP1A	Z	121.4	4.5
93	MP1A	Mx	.035	4.5
94	MP1B	X	-63.376	1
95	MP1B	Z	109.771	1
96	MP1B	Mx	-.063	1
97	MP1B	X	-63.376	4.5
98	MP1B	Z	109.771	4.5
99	MP1B	Mx	-.063	4.5
100	MP4A	X	-70.09	1
101	MP4A	Z	121.4	1
102	MP4A	Mx	.035	1
103	MP4A	X	-70.09	4.5
104	MP4A	Z	121.4	4.5
105	MP4A	Mx	.035	4.5
106	MP4B	X	-63.376	1
107	MP4B	Z	109.771	1
108	MP4B	Mx	-.063	1
109	MP4B	X	-63.376	4.5
110	MP4B	Z	109.771	4.5
111	MP4B	Mx	-.063	4.5

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

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

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-162.805	.5
2	MP3A	Z	93.996	.5
3	MP3A	Mx	.019	.5
4	MP3A	X	-162.805	5.5
5	MP3A	Z	93.996	5.5
6	MP3A	Mx	.019	5.5
7	MP3B	X	-162.805	.5
8	MP3B	Z	93.996	.5
9	MP3B	Mx	-.144	.5
10	MP3B	X	-162.805	5.5
11	MP3B	Z	93.996	5.5
12	MP3B	Mx	-.144	5.5
13	MP3C	X	-195.543	.5
14	MP3C	Z	112.897	.5
15	MP3C	Mx	.103	.5
16	MP3C	X	-195.543	5.5
17	MP3C	Z	112.897	5.5
18	MP3C	Mx	.103	5.5
19	MP3A	X	-162.805	.5
20	MP3A	Z	93.996	.5
21	MP3A	Mx	.144	.5
22	MP3A	X	-162.805	5.5
23	MP3A	Z	93.996	5.5
24	MP3A	Mx	.144	5.5
25	MP3B	X	-162.805	.5
26	MP3B	Z	93.996	.5
27	MP3B	Mx	-.019	.5
28	MP3B	X	-162.805	5.5
29	MP3B	Z	93.996	5.5
30	MP3B	Mx	-.019	5.5
31	MP3C	X	-195.543	.5
32	MP3C	Z	112.897	.5
33	MP3C	Mx	-.18	.5
34	MP3C	X	-195.543	5.5
35	MP3C	Z	112.897	5.5
36	MP3C	Mx	-.18	5.5
37	MP2A	X	-52.186	1.75
38	MP2A	Z	30.13	1.75
39	MP2A	Mx	.026	1.75
40	MP2A	X	-52.186	3.75
41	MP2A	Z	30.13	3.75
42	MP2A	Mx	.026	3.75
43	MP2B	X	-52.186	1.75
44	MP2B	Z	30.13	1.75
45	MP2B	Mx	-.026	1.75
46	MP2B	X	-52.186	3.75
47	MP2B	Z	30.13	3.75
48	MP2B	Mx	-.026	3.75
49	MP2C	X	-89.163	1.75
50	MP2C	Z	51.478	1.75
51	MP2C	Mx	-.018	1.75
52	MP2C	X	-89.163	3.75
53	MP2C	Z	51.478	3.75
54	MP2C	Mx	-.018	3.75
55	MP3A	X	-57.24	2.5
56	MP3A	Z	33.047	2.5
57	MP3A	Mx	-.029	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3B	X	-57.24	2.5
59	MP3B	Z	33.047	2.5
60	MP3B	Mx	.029	2.5
61	MP3C	X	-73.229	2.5
62	MP3C	Z	42.279	2.5
63	MP3C	Mx	.014	2.5
64	MP4A	X	-53.802	2.5
65	MP4A	Z	31.063	2.5
66	MP4A	Mx	-.027	2.5
67	MP4B	X	-53.802	2.5
68	MP4B	Z	31.063	2.5
69	MP4B	Mx	.027	2.5
70	MP4C	X	-72.693	2.5
71	MP4C	Z	41.969	2.5
72	MP4C	Mx	.014	2.5
73	OVP	X	-126.193	.5
74	OVP	Z	72.857	.5
75	OVP	Mx	0	.5
76	MP1C	X	-125.276	1
77	MP1C	Z	72.328	1
78	MP1C	Mx	0	1
79	MP1C	X	-125.276	4.5
80	MP1C	Z	72.328	4.5
81	MP1C	Mx	0	4.5
82	MP4C	X	-125.276	1
83	MP4C	Z	72.328	1
84	MP4C	Mx	0	1
85	MP4C	X	-125.276	4.5
86	MP4C	Z	72.328	4.5
87	MP4C	Mx	0	4.5
88	MP1A	X	-113.647	1
89	MP1A	Z	65.614	1
90	MP1A	Mx	.057	1
91	MP1A	X	-113.647	4.5
92	MP1A	Z	65.614	4.5
93	MP1A	Mx	.057	4.5
94	MP1B	X	-113.647	1
95	MP1B	Z	65.614	1
96	MP1B	Mx	-.057	1
97	MP1B	X	-113.647	4.5
98	MP1B	Z	65.614	4.5
99	MP1B	Mx	-.057	4.5
100	MP4A	X	-113.647	1
101	MP4A	Z	65.614	1
102	MP4A	Mx	.057	1
103	MP4A	X	-113.647	4.5
104	MP4A	Z	65.614	4.5
105	MP4A	Mx	.057	4.5
106	MP4B	X	-113.647	1
107	MP4B	Z	65.614	1
108	MP4B	Mx	-.057	1
109	MP4B	X	-113.647	4.5
110	MP4B	Z	65.614	4.5
111	MP4B	Mx	-.057	4.5

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

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

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-173.062	.5
2	MP3A	Z	0	.5
3	MP3A	Mx	.087	.5
4	MP3A	X	-173.062	5.5
5	MP3A	Z	0	5.5
6	MP3A	Mx	.087	5.5
7	MP3B	X	-217.85	.5
8	MP3B	Z	0	.5
9	MP3B	Mx	-.18	.5
10	MP3B	X	-217.85	5.5
11	MP3B	Z	0	5.5
12	MP3B	Mx	-.18	5.5
13	MP3C	X	-197.736	.5
14	MP3C	Z	0	.5
15	MP3C	Mx	.009	.5
16	MP3C	X	-197.736	5.5
17	MP3C	Z	0	5.5
18	MP3C	Mx	.009	5.5
19	MP3A	X	-173.062	.5
20	MP3A	Z	0	.5
21	MP3A	Mx	.087	.5
22	MP3A	X	-173.062	5.5
23	MP3A	Z	0	5.5
24	MP3A	Mx	.087	5.5
25	MP3B	X	-217.85	.5
26	MP3B	Z	0	.5
27	MP3B	Mx	.071	.5
28	MP3B	X	-217.85	5.5
29	MP3B	Z	0	5.5
30	MP3B	Mx	.071	5.5
31	MP3C	X	-197.736	.5
32	MP3C	Z	0	.5
33	MP3C	Mx	-.16	.5
34	MP3C	X	-197.736	5.5
35	MP3C	Z	0	5.5
36	MP3C	Mx	-.16	5.5
37	MP2A	X	-43.396	1.75
38	MP2A	Z	0	1.75
39	MP2A	Mx	.022	1.75
40	MP2A	X	-43.396	3.75
41	MP2A	Z	0	3.75
42	MP2A	Mx	.022	3.75
43	MP2B	X	-93.984	1.75
44	MP2B	Z	0	1.75
45	MP2B	Mx	-.023	1.75
46	MP2B	X	-93.984	3.75
47	MP2B	Z	0	3.75
48	MP2B	Mx	-.023	3.75
49	MP2C	X	-71.265	1.75
50	MP2C	Z	0	1.75
51	MP2C	Mx	-.027	1.75
52	MP2C	X	-71.265	3.75
53	MP2C	Z	0	3.75
54	MP2C	Mx	-.027	3.75
55	MP3A	X	-58.803	2.5
56	MP3A	Z	0	2.5
57	MP3A	Mx	-.029	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3B	X	-80.678	2.5
59	MP3B	Z	0	2.5
60	MP3B	Mx	.02	2.5
61	MP3C	X	-70.854	2.5
62	MP3C	Z	0	2.5
63	MP3C	Mx	.027	2.5
64	MP4A	X	-53.511	2.5
65	MP4A	Z	0	2.5
66	MP4A	Mx	-.027	2.5
67	MP4B	X	-79.355	2.5
68	MP4B	Z	0	2.5
69	MP4B	Mx	.02	2.5
70	MP4C	X	-67.749	2.5
71	MP4C	Z	0	2.5
72	MP4C	Mx	.026	2.5
73	OVP	X	-157.034	.5
74	OVP	Z	0	.5
75	OVP	Mx	0	.5
76	MP1C	X	-140.18	1
77	MP1C	Z	0	1
78	MP1C	Mx	-.035	1
79	MP1C	X	-140.18	4.5
80	MP1C	Z	0	4.5
81	MP1C	Mx	-.035	4.5
82	MP4C	X	-140.18	1
83	MP4C	Z	0	1
84	MP4C	Mx	-.035	1
85	MP4C	X	-140.18	4.5
86	MP4C	Z	0	4.5
87	MP4C	Mx	-.035	4.5
88	MP1A	X	-126.752	1
89	MP1A	Z	0	1
90	MP1A	Mx	.063	1
91	MP1A	X	-126.752	4.5
92	MP1A	Z	0	4.5
93	MP1A	Mx	.063	4.5
94	MP1B	X	-140.18	1
95	MP1B	Z	0	1
96	MP1B	Mx	-.035	1
97	MP1B	X	-140.18	4.5
98	MP1B	Z	0	4.5
99	MP1B	Mx	-.035	4.5
100	MP4A	X	-126.752	1
101	MP4A	Z	0	1
102	MP4A	Mx	.063	1
103	MP4A	X	-126.752	4.5
104	MP4A	Z	0	4.5
105	MP4A	Mx	.063	4.5
106	MP4B	X	-140.18	1
107	MP4B	Z	0	1
108	MP4B	Mx	-.035	1
109	MP4B	X	-140.18	4.5
110	MP4B	Z	0	4.5
111	MP4B	Mx	-.035	4.5

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

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

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-162.805	.5
2	MP3A	Z	-93.996	.5
3	MP3A	Mx	.144	.5
4	MP3A	X	-162.805	5.5
5	MP3A	Z	-93.996	5.5
6	MP3A	Mx	.144	5.5
7	MP3B	X	-201.592	.5
8	MP3B	Z	-116.389	.5
9	MP3B	Mx	-.155	.5
10	MP3B	X	-201.592	5.5
11	MP3B	Z	-116.389	5.5
12	MP3B	Mx	-.155	5.5
13	MP3C	X	-151.436	.5
14	MP3C	Z	-87.431	.5
15	MP3C	Mx	-.066	.5
16	MP3C	X	-151.436	5.5
17	MP3C	Z	-87.431	5.5
18	MP3C	Mx	-.066	5.5
19	MP3A	X	-162.805	.5
20	MP3A	Z	-93.996	.5
21	MP3A	Mx	.019	.5
22	MP3A	X	-162.805	5.5
23	MP3A	Z	-93.996	5.5
24	MP3A	Mx	.019	5.5
25	MP3B	X	-201.592	.5
26	MP3B	Z	-116.389	.5
27	MP3B	Mx	.155	.5
28	MP3B	X	-201.592	5.5
29	MP3B	Z	-116.389	5.5
30	MP3B	Mx	.155	5.5
31	MP3C	X	-151.436	.5
32	MP3C	Z	-87.431	.5
33	MP3C	Mx	-.106	.5
34	MP3C	X	-151.436	5.5
35	MP3C	Z	-87.431	5.5
36	MP3C	Mx	-.106	5.5
37	MP2A	X	-52.186	1.75
38	MP2A	Z	-30.13	1.75
39	MP2A	Mx	.026	1.75
40	MP2A	X	-52.186	3.75
41	MP2A	Z	-30.13	3.75
42	MP2A	Mx	.026	3.75
43	MP2B	X	-95.996	1.75
44	MP2B	Z	-55.424	1.75
45	MP2B	Mx	0	1.75
46	MP2B	X	-95.996	3.75
47	MP2B	Z	-55.424	3.75
48	MP2B	Mx	0	3.75
49	MP2C	X	-39.344	1.75
50	MP2C	Z	-22.715	1.75
51	MP2C	Mx	-.022	1.75
52	MP2C	X	-39.344	3.75
53	MP2C	Z	-22.715	3.75
54	MP2C	Mx	-.022	3.75
55	MP3A	X	-57.24	2.5
56	MP3A	Z	-33.047	2.5
57	MP3A	Mx	-.029	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3B	X	-76.184	2.5
59	MP3B	Z	-43.985	2.5
60	MP3B	Mx	0	2.5
61	MP3C	X	-51.687	2.5
62	MP3C	Z	-29.841	2.5
63	MP3C	Mx	.029	2.5
64	MP4A	X	-53.802	2.5
65	MP4A	Z	-31.063	2.5
66	MP4A	Mx	-.027	2.5
67	MP4B	X	-76.184	2.5
68	MP4B	Z	-43.985	2.5
69	MP4B	Mx	0	2.5
70	MP4C	X	-47.242	2.5
71	MP4C	Z	-27.275	2.5
72	MP4C	Mx	.027	2.5
73	OVP	X	-155.602	.5
74	OVP	Z	-89.837	.5
75	OVP	Mx	0	.5
76	MP1C	X	-113.647	1
77	MP1C	Z	-65.614	1
78	MP1C	Mx	-.057	1
79	MP1C	X	-113.647	4.5
80	MP1C	Z	-65.614	4.5
81	MP1C	Mx	-.057	4.5
82	MP4C	X	-113.647	1
83	MP4C	Z	-65.614	1
84	MP4C	Mx	-.057	1
85	MP4C	X	-113.647	4.5
86	MP4C	Z	-65.614	4.5
87	MP4C	Mx	-.057	4.5
88	MP1A	X	-113.647	1
89	MP1A	Z	-65.614	1
90	MP1A	Mx	.057	1
91	MP1A	X	-113.647	4.5
92	MP1A	Z	-65.614	4.5
93	MP1A	Mx	.057	4.5
94	MP1B	X	-125.276	1
95	MP1B	Z	-72.328	1
96	MP1B	Mx	0	1
97	MP1B	X	-125.276	4.5
98	MP1B	Z	-72.328	4.5
99	MP1B	Mx	0	4.5
100	MP4A	X	-113.647	1
101	MP4A	Z	-65.614	1
102	MP4A	Mx	.057	1
103	MP4A	X	-113.647	4.5
104	MP4A	Z	-65.614	4.5
105	MP4A	Mx	.057	4.5
106	MP4B	X	-125.276	1
107	MP4B	Z	-72.328	1
108	MP4B	Mx	0	1
109	MP4B	X	-125.276	4.5
110	MP4B	Z	-72.328	4.5
111	MP4B	Mx	0	4.5

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

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

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-108.925	.5
2	MP3A	Z	-188.663	.5
3	MP3A	Mx	.18	.5
4	MP3A	X	-108.925	5.5
5	MP3A	Z	-188.663	5.5
6	MP3A	Mx	.18	5.5
7	MP3B	X	-108.925	.5
8	MP3B	Z	-188.663	.5
9	MP3B	Mx	-.071	.5
10	MP3B	X	-108.925	5.5
11	MP3B	Z	-188.663	5.5
12	MP3B	Mx	-.071	5.5
13	MP3C	X	-90.024	.5
14	MP3C	Z	-155.926	.5
15	MP3C	Mx	-.126	.5
16	MP3C	X	-90.024	5.5
17	MP3C	Z	-155.926	5.5
18	MP3C	Mx	-.126	5.5
19	MP3A	X	-108.925	.5
20	MP3A	Z	-188.663	.5
21	MP3A	Mx	-.071	.5
22	MP3A	X	-108.925	5.5
23	MP3A	Z	-188.663	5.5
24	MP3A	Mx	-.071	5.5
25	MP3B	X	-108.925	.5
26	MP3B	Z	-188.663	.5
27	MP3B	Mx	.18	.5
28	MP3B	X	-108.925	5.5
29	MP3B	Z	-188.663	5.5
30	MP3B	Mx	.18	5.5
31	MP3C	X	-90.024	.5
32	MP3C	Z	-155.926	.5
33	MP3C	Mx	-.044	.5
34	MP3C	X	-90.024	5.5
35	MP3C	Z	-155.926	5.5
36	MP3C	Mx	-.044	5.5
37	MP2A	X	-46.992	1.75
38	MP2A	Z	-81.393	1.75
39	MP2A	Mx	.023	1.75
40	MP2A	X	-46.992	3.75
41	MP2A	Z	-81.393	3.75
42	MP2A	Mx	.023	3.75
43	MP2B	X	-46.992	1.75
44	MP2B	Z	-81.393	1.75
45	MP2B	Mx	.023	1.75
46	MP2B	X	-46.992	3.75
47	MP2B	Z	-81.393	3.75
48	MP2B	Mx	.023	3.75
49	MP2C	X	-25.643	1.75
50	MP2C	Z	-44.416	1.75
51	MP2C	Mx	-.024	1.75
52	MP2C	X	-25.643	3.75
53	MP2C	Z	-44.416	3.75
54	MP2C	Mx	-.024	3.75
55	MP3A	X	-40.339	2.5
56	MP3A	Z	-69.869	2.5
57	MP3A	Mx	-.02	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3B	X	-40.339	2.5
59	MP3B	Z	-69.869	2.5
60	MP3B	Mx	-.02	2.5
61	MP3C	X	-31.108	2.5
62	MP3C	Z	-53.88	2.5
63	MP3C	Mx	.029	2.5
64	MP4A	X	-39.678	2.5
65	MP4A	Z	-68.723	2.5
66	MP4A	Mx	-.02	2.5
67	MP4B	X	-39.678	2.5
68	MP4B	Z	-68.723	2.5
69	MP4B	Mx	-.02	2.5
70	MP4C	X	-28.771	2.5
71	MP4C	Z	-49.833	2.5
72	MP4C	Mx	.027	2.5
73	OVP	X	-95.497	.5
74	OVP	Z	-165.405	.5
75	OVP	Mx	0	.5
76	MP1C	X	-63.376	1
77	MP1C	Z	-109.771	1
78	MP1C	Mx	-.063	1
79	MP1C	X	-63.376	4.5
80	MP1C	Z	-109.771	4.5
81	MP1C	Mx	-.063	4.5
82	MP4C	X	-63.376	1
83	MP4C	Z	-109.771	1
84	MP4C	Mx	-.063	1
85	MP4C	X	-63.376	4.5
86	MP4C	Z	-109.771	4.5
87	MP4C	Mx	-.063	4.5
88	MP1A	X	-70.09	1
89	MP1A	Z	-121.4	1
90	MP1A	Mx	.035	1
91	MP1A	X	-70.09	4.5
92	MP1A	Z	-121.4	4.5
93	MP1A	Mx	.035	4.5
94	MP1B	X	-70.09	1
95	MP1B	Z	-121.4	1
96	MP1B	Mx	.035	1
97	MP1B	X	-70.09	4.5
98	MP1B	Z	-121.4	4.5
99	MP1B	Mx	.035	4.5
100	MP4A	X	-70.09	1
101	MP4A	Z	-121.4	1
102	MP4A	Mx	.035	1
103	MP4A	X	-70.09	4.5
104	MP4A	Z	-121.4	4.5
105	MP4A	Mx	.035	4.5
106	MP4B	X	-70.09	1
107	MP4B	Z	-121.4	1
108	MP4B	Mx	.035	1
109	MP4B	X	-70.09	4.5
110	MP4B	Z	-121.4	4.5
111	MP4B	Mx	.035	4.5

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

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

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	0	.5
2	MP3A	Z	-40.661	.5
3	MP3A	Mx	.027	.5
4	MP3A	X	0	5.5
5	MP3A	Z	-40.661	5.5
6	MP3A	Mx	.027	5.5
7	MP3B	X	0	.5
8	MP3B	Z	-33.241	.5
9	MP3B	Mx	.003	.5
10	MP3B	X	0	5.5
11	MP3B	Z	-33.241	5.5
12	MP3B	Mx	.003	5.5
13	MP3C	X	0	.5
14	MP3C	Z	-36.573	.5
15	MP3C	Mx	-.03	.5
16	MP3C	X	0	5.5
17	MP3C	Z	-36.573	5.5
18	MP3C	Mx	-.03	5.5
19	MP3A	X	0	.5
20	MP3A	Z	-40.661	.5
21	MP3A	Mx	-.027	.5
22	MP3A	X	0	5.5
23	MP3A	Z	-40.661	5.5
24	MP3A	Mx	-.027	5.5
25	MP3B	X	0	.5
26	MP3B	Z	-33.241	.5
27	MP3B	Mx	.025	.5
28	MP3B	X	0	5.5
29	MP3B	Z	-33.241	5.5
30	MP3B	Mx	.025	5.5
31	MP3C	X	0	.5
32	MP3C	Z	-36.573	.5
33	MP3C	Mx	.007	.5
34	MP3C	X	0	5.5
35	MP3C	Z	-36.573	5.5
36	MP3C	Mx	.007	5.5
37	MP2A	X	0	1.75
38	MP2A	Z	-20.068	1.75
39	MP2A	Mx	0	1.75
40	MP2A	X	0	3.75
41	MP2A	Z	-20.068	3.75
42	MP2A	Mx	0	3.75
43	MP2B	X	0	1.75
44	MP2B	Z	-11.435	1.75
45	MP2B	Mx	.005	1.75
46	MP2B	X	0	3.75
47	MP2B	Z	-11.435	3.75
48	MP2B	Mx	.005	3.75
49	MP2C	X	0	1.75
50	MP2C	Z	-15.312	1.75
51	MP2C	Mx	-.005	1.75
52	MP2C	X	0	3.75
53	MP2C	Z	-15.312	3.75
54	MP2C	Mx	-.005	3.75
55	MP3A	X	0	2.5
56	MP3A	Z	-16.877	2.5
57	MP3A	Mx	0	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3B	X	0	2.5
59	MP3B	Z	-13.028	2.5
60	MP3B	Mx	-.006	2.5
61	MP3C	X	0	2.5
62	MP3C	Z	-14.756	2.5
63	MP3C	Mx	.005	2.5
64	MP4A	X	0	2.5
65	MP4A	Z	-16.877	2.5
66	MP4A	Mx	0	2.5
67	MP4B	X	0	2.5
68	MP4B	Z	-12.335	2.5
69	MP4B	Mx	-.005	2.5
70	MP4C	X	0	2.5
71	MP4C	Z	-14.375	2.5
72	MP4C	Mx	.005	2.5
73	OVP	X	0	.5
74	OVP	Z	-32.775	.5
75	OVP	Mx	0	.5
76	MP1C	X	0	1
77	MP1C	Z	-23.477	1
78	MP1C	Mx	-.01	1
79	MP1C	X	0	4.5
80	MP1C	Z	-23.477	4.5
81	MP1C	Mx	-.01	4.5
82	MP4C	X	0	1
83	MP4C	Z	-23.477	1
84	MP4C	Mx	-.01	1
85	MP4C	X	0	4.5
86	MP4C	Z	-23.477	4.5
87	MP4C	Mx	-.01	4.5
88	MP1A	X	0	1
89	MP1A	Z	-25.682	1
90	MP1A	Mx	0	1
91	MP1A	X	0	4.5
92	MP1A	Z	-25.682	4.5
93	MP1A	Mx	0	4.5
94	MP1B	X	0	1
95	MP1B	Z	-23.477	1
96	MP1B	Mx	.01	1
97	MP1B	X	0	4.5
98	MP1B	Z	-23.477	4.5
99	MP1B	Mx	.01	4.5
100	MP4A	X	0	1
101	MP4A	Z	-25.682	1
102	MP4A	Mx	0	1
103	MP4A	X	0	4.5
104	MP4A	Z	-25.682	4.5
105	MP4A	Mx	0	4.5
106	MP4B	X	0	1
107	MP4B	Z	-23.477	1
108	MP4B	Mx	.01	1
109	MP4B	X	0	4.5
110	MP4B	Z	-23.477	4.5
111	MP4B	Mx	.01	4.5

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	MP3A	X	19.094	.5
2	MP3A	Z	-33.071	.5
3	MP3A	Mx	.013	.5
4	MP3A	X	19.094	5.5
5	MP3A	Z	-33.071	5.5
6	MP3A	Mx	.013	5.5
7	MP3B	X	15.384	.5
8	MP3B	Z	-26.645	.5
9	MP3B	Mx	.015	.5
10	MP3B	X	15.384	5.5
11	MP3B	Z	-26.645	5.5
12	MP3B	Mx	.015	5.5
13	MP3C	X	20.181	.5
14	MP3C	Z	-34.955	.5
15	MP3C	Mx	-.03	.5
16	MP3C	X	20.181	5.5
17	MP3C	Z	-34.955	5.5
18	MP3C	Mx	-.03	5.5
19	MP3A	X	19.094	.5
20	MP3A	Z	-33.071	.5
21	MP3A	Mx	-.032	.5
22	MP3A	X	19.094	5.5
23	MP3A	Z	-33.071	5.5
24	MP3A	Mx	-.032	5.5
25	MP3B	X	15.384	.5
26	MP3B	Z	-26.645	.5
27	MP3B	Mx	.015	.5
28	MP3B	X	15.384	5.5
29	MP3B	Z	-26.645	5.5
30	MP3B	Mx	.015	5.5
31	MP3C	X	20.181	.5
32	MP3C	Z	-34.955	.5
33	MP3C	Mx	.023	.5
34	MP3C	X	20.181	5.5
35	MP3C	Z	-34.955	5.5
36	MP3C	Mx	.023	5.5
37	MP2A	X	8.595	1.75
38	MP2A	Z	-14.887	1.75
39	MP2A	Mx	-.004	1.75
40	MP2A	X	8.595	3.75
41	MP2A	Z	-14.887	3.75
42	MP2A	Mx	-.004	3.75
43	MP2B	X	4.279	1.75
44	MP2B	Z	-7.411	1.75
45	MP2B	Mx	.004	1.75
46	MP2B	X	4.279	3.75
47	MP2B	Z	-7.411	3.75
48	MP2B	Mx	.004	3.75
49	MP2C	X	9.86	1.75
50	MP2C	Z	-17.079	1.75
51	MP2C	Mx	-.002	1.75
52	MP2C	X	9.86	3.75
53	MP2C	Z	-17.079	3.75
54	MP2C	Mx	-.002	3.75
55	MP3A	X	7.797	2.5
56	MP3A	Z	-13.505	2.5
57	MP3A	Mx	.004	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3B	X	5.873	2.5
59	MP3B	Z	-10.172	2.5
60	MP3B	Mx	-.006	2.5
61	MP3C	X	8.361	2.5
62	MP3C	Z	-14.482	2.5
63	MP3C	Mx	.001	2.5
64	MP4A	X	7.681	2.5
65	MP4A	Z	-13.305	2.5
66	MP4A	Mx	.004	2.5
67	MP4B	X	5.411	2.5
68	MP4B	Z	-9.372	2.5
69	MP4B	Mx	-.005	2.5
70	MP4C	X	8.347	2.5
71	MP4C	Z	-14.458	2.5
72	MP4C	Mx	.001	2.5
73	OVP	X	14.5	.5
74	OVP	Z	-25.115	.5
75	OVP	Mx	0	.5
76	MP1C	X	12.473	1
77	MP1C	Z	-21.604	1
78	MP1C	Mx	-.006	1
79	MP1C	X	12.473	4.5
80	MP1C	Z	-21.604	4.5
81	MP1C	Mx	-.006	4.5
82	MP4C	X	12.473	1
83	MP4C	Z	-21.604	1
84	MP4C	Mx	-.006	1
85	MP4C	X	12.473	4.5
86	MP4C	Z	-21.604	4.5
87	MP4C	Mx	-.006	4.5
88	MP1A	X	12.473	1
89	MP1A	Z	-21.604	1
90	MP1A	Mx	-.006	1
91	MP1A	X	12.473	4.5
92	MP1A	Z	-21.604	4.5
93	MP1A	Mx	-.006	4.5
94	MP1B	X	11.371	1
95	MP1B	Z	-19.695	1
96	MP1B	Mx	.011	1
97	MP1B	X	11.371	4.5
98	MP1B	Z	-19.695	4.5
99	MP1B	Mx	.011	4.5
100	MP4A	X	12.473	1
101	MP4A	Z	-21.604	1
102	MP4A	Mx	-.006	1
103	MP4A	X	12.473	4.5
104	MP4A	Z	-21.604	4.5
105	MP4A	Mx	-.006	4.5
106	MP4B	X	11.371	1
107	MP4B	Z	-19.695	1
108	MP4B	Mx	.011	1
109	MP4B	X	11.371	4.5
110	MP4B	Z	-19.695	4.5
111	MP4B	Mx	.011	4.5

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

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

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	28.787	.5
2	MP3A	Z	-16.62	.5
3	MP3A	Mx	-.003	.5
4	MP3A	X	28.787	5.5
5	MP3A	Z	-16.62	5.5
6	MP3A	Mx	-.003	5.5
7	MP3B	X	28.787	.5
8	MP3B	Z	-16.62	.5
9	MP3B	Mx	.025	.5
10	MP3B	X	28.787	5.5
11	MP3B	Z	-16.62	5.5
12	MP3B	Mx	.025	5.5
13	MP3C	X	34.211	.5
14	MP3C	Z	-19.752	.5
15	MP3C	Mx	-.018	.5
16	MP3C	X	34.211	5.5
17	MP3C	Z	-19.752	5.5
18	MP3C	Mx	-.018	5.5
19	MP3A	X	28.787	.5
20	MP3A	Z	-16.62	.5
21	MP3A	Mx	-.025	.5
22	MP3A	X	28.787	5.5
23	MP3A	Z	-16.62	5.5
24	MP3A	Mx	-.025	5.5
25	MP3B	X	28.787	.5
26	MP3B	Z	-16.62	.5
27	MP3B	Mx	.003	.5
28	MP3B	X	28.787	5.5
29	MP3B	Z	-16.62	5.5
30	MP3B	Mx	.003	5.5
31	MP3C	X	34.211	.5
32	MP3C	Z	-19.752	.5
33	MP3C	Mx	.032	.5
34	MP3C	X	34.211	5.5
35	MP3C	Z	-19.752	5.5
36	MP3C	Mx	.032	5.5
37	MP2A	X	9.903	1.75
38	MP2A	Z	-5.718	1.75
39	MP2A	Mx	-.005	1.75
40	MP2A	X	9.903	3.75
41	MP2A	Z	-5.718	3.75
42	MP2A	Mx	-.005	3.75
43	MP2B	X	9.903	1.75
44	MP2B	Z	-5.718	1.75
45	MP2B	Mx	.005	1.75
46	MP2B	X	9.903	3.75
47	MP2B	Z	-5.718	3.75
48	MP2B	Mx	.005	3.75
49	MP2C	X	16.213	1.75
50	MP2C	Z	-9.361	1.75
51	MP2C	Mx	.003	1.75
52	MP2C	X	16.213	3.75
53	MP2C	Z	-9.361	3.75
54	MP2C	Mx	.003	3.75
55	MP3A	X	11.283	2.5
56	MP3A	Z	-6.514	2.5
57	MP3A	Mx	.006	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3B	X	11.283	2.5
59	MP3B	Z	-6.514	2.5
60	MP3B	Mx	-.006	2.5
61	MP3C	X	14.096	2.5
62	MP3C	Z	-8.138	2.5
63	MP3C	Mx	-.003	2.5
64	MP4A	X	10.683	2.5
65	MP4A	Z	-6.168	2.5
66	MP4A	Mx	.005	2.5
67	MP4B	X	10.683	2.5
68	MP4B	Z	-6.168	2.5
69	MP4B	Mx	-.005	2.5
70	MP4C	X	14.002	2.5
71	MP4C	Z	-8.084	2.5
72	MP4C	Mx	-.003	2.5
73	OVP	X	23.48	.5
74	OVP	Z	-13.556	.5
75	OVP	Mx	0	.5
76	MP1C	X	22.241	1
77	MP1C	Z	-12.841	1
78	MP1C	Mx	0	1
79	MP1C	X	22.241	4.5
80	MP1C	Z	-12.841	4.5
81	MP1C	Mx	0	4.5
82	MP4C	X	22.241	1
83	MP4C	Z	-12.841	1
84	MP4C	Mx	0	1
85	MP4C	X	22.241	4.5
86	MP4C	Z	-12.841	4.5
87	MP4C	Mx	0	4.5
88	MP1A	X	20.331	1
89	MP1A	Z	-11.738	1
90	MP1A	Mx	-.01	1
91	MP1A	X	20.331	4.5
92	MP1A	Z	-11.738	4.5
93	MP1A	Mx	-.01	4.5
94	MP1B	X	20.331	1
95	MP1B	Z	-11.738	1
96	MP1B	Mx	.01	1
97	MP1B	X	20.331	4.5
98	MP1B	Z	-11.738	4.5
99	MP1B	Mx	.01	4.5
100	MP4A	X	20.331	1
101	MP4A	Z	-11.738	1
102	MP4A	Mx	-.01	1
103	MP4A	X	20.331	4.5
104	MP4A	Z	-11.738	4.5
105	MP4A	Mx	-.01	4.5
106	MP4B	X	20.331	1
107	MP4B	Z	-11.738	1
108	MP4B	Mx	.01	1
109	MP4B	X	20.331	4.5
110	MP4B	Z	-11.738	4.5
111	MP4B	Mx	.01	4.5

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

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

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	30.767	.5
2	MP3A	Z	0	.5
3	MP3A	Mx	-.015	.5
4	MP3A	X	30.767	5.5
5	MP3A	Z	0	5.5
6	MP3A	Mx	-.015	5.5
7	MP3B	X	38.187	.5
8	MP3B	Z	0	.5
9	MP3B	Mx	.032	.5
10	MP3B	X	38.187	5.5
11	MP3B	Z	0	5.5
12	MP3B	Mx	.032	5.5
13	MP3C	X	34.855	.5
14	MP3C	Z	0	.5
15	MP3C	Mx	-.002	.5
16	MP3C	X	34.855	5.5
17	MP3C	Z	0	5.5
18	MP3C	Mx	-.002	5.5
19	MP3A	X	30.767	.5
20	MP3A	Z	0	.5
21	MP3A	Mx	-.015	.5
22	MP3A	X	30.767	5.5
23	MP3A	Z	0	5.5
24	MP3A	Mx	-.015	5.5
25	MP3B	X	38.187	.5
26	MP3B	Z	0	.5
27	MP3B	Mx	-.013	.5
28	MP3B	X	38.187	5.5
29	MP3B	Z	0	5.5
30	MP3B	Mx	-.013	5.5
31	MP3C	X	34.855	.5
32	MP3C	Z	0	.5
33	MP3C	Mx	.028	.5
34	MP3C	X	34.855	5.5
35	MP3C	Z	0	5.5
36	MP3C	Mx	.028	5.5
37	MP2A	X	8.558	1.75
38	MP2A	Z	0	1.75
39	MP2A	Mx	-.004	1.75
40	MP2A	X	8.558	3.75
41	MP2A	Z	0	3.75
42	MP2A	Mx	-.004	3.75
43	MP2B	X	17.19	1.75
44	MP2B	Z	0	1.75
45	MP2B	Mx	.004	1.75
46	MP2B	X	17.19	3.75
47	MP2B	Z	0	3.75
48	MP2B	Mx	.004	3.75
49	MP2C	X	13.313	1.75
50	MP2C	Z	0	1.75
51	MP2C	Mx	.005	1.75
52	MP2C	X	13.313	3.75
53	MP2C	Z	0	3.75
54	MP2C	Mx	.005	3.75
55	MP3A	X	11.745	2.5
56	MP3A	Z	0	2.5
57	MP3A	Mx	.006	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3B	X	15.594	2.5
59	MP3B	Z	0	2.5
60	MP3B	Mx	-.004	2.5
61	MP3C	X	13.865	2.5
62	MP3C	Z	0	2.5
63	MP3C	Mx	-.005	2.5
64	MP4A	X	10.821	2.5
65	MP4A	Z	0	2.5
66	MP4A	Mx	.005	2.5
67	MP4B	X	15.363	2.5
68	MP4B	Z	0	2.5
69	MP4B	Mx	-.004	2.5
70	MP4C	X	13.323	2.5
71	MP4C	Z	0	2.5
72	MP4C	Mx	-.005	2.5
73	OVP	X	29	.5
74	OVP	Z	0	.5
75	OVP	Mx	0	.5
76	MP1C	X	24.947	1
77	MP1C	Z	0	1
78	MP1C	Mx	.006	1
79	MP1C	X	24.947	4.5
80	MP1C	Z	0	4.5
81	MP1C	Mx	.006	4.5
82	MP4C	X	24.947	1
83	MP4C	Z	0	1
84	MP4C	Mx	.006	1
85	MP4C	X	24.947	4.5
86	MP4C	Z	0	4.5
87	MP4C	Mx	.006	4.5
88	MP1A	X	22.742	1
89	MP1A	Z	0	1
90	MP1A	Mx	-.011	1
91	MP1A	X	22.742	4.5
92	MP1A	Z	0	4.5
93	MP1A	Mx	-.011	4.5
94	MP1B	X	24.947	1
95	MP1B	Z	0	1
96	MP1B	Mx	.006	1
97	MP1B	X	24.947	4.5
98	MP1B	Z	0	4.5
99	MP1B	Mx	.006	4.5
100	MP4A	X	22.742	1
101	MP4A	Z	0	1
102	MP4A	Mx	-.011	1
103	MP4A	X	22.742	4.5
104	MP4A	Z	0	4.5
105	MP4A	Mx	-.011	4.5
106	MP4B	X	24.947	1
107	MP4B	Z	0	1
108	MP4B	Mx	.006	1
109	MP4B	X	24.947	4.5
110	MP4B	Z	0	4.5
111	MP4B	Mx	.006	4.5

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

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

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	28.787	.5
2	MP3A	Z	16.62	.5
3	MP3A	Mx	-.025	.5
4	MP3A	X	28.787	5.5
5	MP3A	Z	16.62	5.5
6	MP3A	Mx	-.025	5.5
7	MP3B	X	35.213	.5
8	MP3B	Z	20.33	.5
9	MP3B	Mx	.027	.5
10	MP3B	X	35.213	5.5
11	MP3B	Z	20.33	5.5
12	MP3B	Mx	.027	5.5
13	MP3C	X	26.904	.5
14	MP3C	Z	15.533	.5
15	MP3C	Mx	.012	.5
16	MP3C	X	26.904	5.5
17	MP3C	Z	15.533	5.5
18	MP3C	Mx	.012	5.5
19	MP3A	X	28.787	.5
20	MP3A	Z	16.62	.5
21	MP3A	Mx	-.003	.5
22	MP3A	X	28.787	5.5
23	MP3A	Z	16.62	5.5
24	MP3A	Mx	-.003	5.5
25	MP3B	X	35.213	.5
26	MP3B	Z	20.33	.5
27	MP3B	Mx	-.027	.5
28	MP3B	X	35.213	5.5
29	MP3B	Z	20.33	5.5
30	MP3B	Mx	-.027	5.5
31	MP3C	X	26.904	.5
32	MP3C	Z	15.533	.5
33	MP3C	Mx	.019	.5
34	MP3C	X	26.904	5.5
35	MP3C	Z	15.533	5.5
36	MP3C	Mx	.019	5.5
37	MP2A	X	9.903	1.75
38	MP2A	Z	5.718	1.75
39	MP2A	Mx	-.005	1.75
40	MP2A	X	9.903	3.75
41	MP2A	Z	5.718	3.75
42	MP2A	Mx	-.005	3.75
43	MP2B	X	17.379	1.75
44	MP2B	Z	10.034	1.75
45	MP2B	Mx	0	1.75
46	MP2B	X	17.379	3.75
47	MP2B	Z	10.034	3.75
48	MP2B	Mx	0	3.75
49	MP2C	X	7.712	1.75
50	MP2C	Z	4.452	1.75
51	MP2C	Mx	.004	1.75
52	MP2C	X	7.712	3.75
53	MP2C	Z	4.452	3.75
54	MP2C	Mx	.004	3.75
55	MP3A	X	11.283	2.5
56	MP3A	Z	6.514	2.5
57	MP3A	Mx	.006	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3B	X	14.616	2.5
59	MP3B	Z	8.438	2.5
60	MP3B	Mx	0	2.5
61	MP3C	X	10.306	2.5
62	MP3C	Z	5.95	2.5
63	MP3C	Mx	-.006	2.5
64	MP4A	X	10.683	2.5
65	MP4A	Z	6.168	2.5
66	MP4A	Mx	.005	2.5
67	MP4B	X	14.616	2.5
68	MP4B	Z	8.438	2.5
69	MP4B	Mx	0	2.5
70	MP4C	X	9.53	2.5
71	MP4C	Z	5.502	2.5
72	MP4C	Mx	-.005	2.5
73	OVP	X	28.384	.5
74	OVP	Z	16.387	.5
75	OVP	Mx	0	.5
76	MP1C	X	20.331	1
77	MP1C	Z	11.738	1
78	MP1C	Mx	.01	1
79	MP1C	X	20.331	4.5
80	MP1C	Z	11.738	4.5
81	MP1C	Mx	.01	4.5
82	MP4C	X	20.331	1
83	MP4C	Z	11.738	1
84	MP4C	Mx	.01	1
85	MP4C	X	20.331	4.5
86	MP4C	Z	11.738	4.5
87	MP4C	Mx	.01	4.5
88	MP1A	X	20.331	1
89	MP1A	Z	11.738	1
90	MP1A	Mx	-.01	1
91	MP1A	X	20.331	4.5
92	MP1A	Z	11.738	4.5
93	MP1A	Mx	-.01	4.5
94	MP1B	X	22.241	1
95	MP1B	Z	12.841	1
96	MP1B	Mx	0	1
97	MP1B	X	22.241	4.5
98	MP1B	Z	12.841	4.5
99	MP1B	Mx	0	4.5
100	MP4A	X	20.331	1
101	MP4A	Z	11.738	1
102	MP4A	Mx	-.01	1
103	MP4A	X	20.331	4.5
104	MP4A	Z	11.738	4.5
105	MP4A	Mx	-.01	4.5
106	MP4B	X	22.241	1
107	MP4B	Z	12.841	1
108	MP4B	Mx	0	1
109	MP4B	X	22.241	4.5
110	MP4B	Z	12.841	4.5
111	MP4B	Mx	0	4.5

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

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

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	19.094	.5
2	MP3A	Z	33.071	.5
3	MP3A	Mx	-.032	.5
4	MP3A	X	19.094	5.5
5	MP3A	Z	33.071	5.5
6	MP3A	Mx	-.032	5.5
7	MP3B	X	19.094	.5
8	MP3B	Z	33.071	.5
9	MP3B	Mx	.013	.5
10	MP3B	X	19.094	5.5
11	MP3B	Z	33.071	5.5
12	MP3B	Mx	.013	5.5
13	MP3C	X	15.962	.5
14	MP3C	Z	27.648	.5
15	MP3C	Mx	.022	.5
16	MP3C	X	15.962	5.5
17	MP3C	Z	27.648	5.5
18	MP3C	Mx	.022	5.5
19	MP3A	X	19.094	.5
20	MP3A	Z	33.071	.5
21	MP3A	Mx	.013	.5
22	MP3A	X	19.094	5.5
23	MP3A	Z	33.071	5.5
24	MP3A	Mx	.013	5.5
25	MP3B	X	19.094	.5
26	MP3B	Z	33.071	.5
27	MP3B	Mx	-.032	.5
28	MP3B	X	19.094	5.5
29	MP3B	Z	33.071	5.5
30	MP3B	Mx	-.032	5.5
31	MP3C	X	15.962	.5
32	MP3C	Z	27.648	.5
33	MP3C	Mx	.008	.5
34	MP3C	X	15.962	5.5
35	MP3C	Z	27.648	5.5
36	MP3C	Mx	.008	5.5
37	MP2A	X	8.595	1.75
38	MP2A	Z	14.887	1.75
39	MP2A	Mx	-.004	1.75
40	MP2A	X	8.595	3.75
41	MP2A	Z	14.887	3.75
42	MP2A	Mx	-.004	3.75
43	MP2B	X	8.595	1.75
44	MP2B	Z	14.887	1.75
45	MP2B	Mx	-.004	1.75
46	MP2B	X	8.595	3.75
47	MP2B	Z	14.887	3.75
48	MP2B	Mx	-.004	3.75
49	MP2C	X	4.952	1.75
50	MP2C	Z	8.577	1.75
51	MP2C	Mx	.005	1.75
52	MP2C	X	4.952	3.75
53	MP2C	Z	8.577	3.75
54	MP2C	Mx	.005	3.75
55	MP3A	X	7.797	2.5
56	MP3A	Z	13.505	2.5
57	MP3A	Mx	.004	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3B	X	7.797	2.5
59	MP3B	Z	13.505	2.5
60	MP3B	Mx	.004	2.5
61	MP3C	X	6.173	2.5
62	MP3C	Z	10.691	2.5
63	MP3C	Mx	-.006	2.5
64	MP4A	X	7.681	2.5
65	MP4A	Z	13.305	2.5
66	MP4A	Mx	.004	2.5
67	MP4B	X	7.681	2.5
68	MP4B	Z	13.305	2.5
69	MP4B	Mx	.004	2.5
70	MP4C	X	5.765	2.5
71	MP4C	Z	9.985	2.5
72	MP4C	Mx	-.005	2.5
73	OVP	X	17.331	.5
74	OVP	Z	30.018	.5
75	OVP	Mx	0	.5
76	MP1C	X	11.371	1
77	MP1C	Z	19.695	1
78	MP1C	Mx	.011	1
79	MP1C	X	11.371	4.5
80	MP1C	Z	19.695	4.5
81	MP1C	Mx	.011	4.5
82	MP4C	X	11.371	1
83	MP4C	Z	19.695	1
84	MP4C	Mx	.011	1
85	MP4C	X	11.371	4.5
86	MP4C	Z	19.695	4.5
87	MP4C	Mx	.011	4.5
88	MP1A	X	12.473	1
89	MP1A	Z	21.604	1
90	MP1A	Mx	-.006	1
91	MP1A	X	12.473	4.5
92	MP1A	Z	21.604	4.5
93	MP1A	Mx	-.006	4.5
94	MP1B	X	12.473	1
95	MP1B	Z	21.604	1
96	MP1B	Mx	-.006	1
97	MP1B	X	12.473	4.5
98	MP1B	Z	21.604	4.5
99	MP1B	Mx	-.006	4.5
100	MP4A	X	12.473	1
101	MP4A	Z	21.604	1
102	MP4A	Mx	-.006	1
103	MP4A	X	12.473	4.5
104	MP4A	Z	21.604	4.5
105	MP4A	Mx	-.006	4.5
106	MP4B	X	12.473	1
107	MP4B	Z	21.604	1
108	MP4B	Mx	-.006	1
109	MP4B	X	12.473	4.5
110	MP4B	Z	21.604	4.5
111	MP4B	Mx	-.006	4.5

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

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

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	0	.5
2	MP3A	Z	40.661	.5
3	MP3A	Mx	-.027	.5
4	MP3A	X	0	5.5
5	MP3A	Z	40.661	5.5
6	MP3A	Mx	-.027	5.5
7	MP3B	X	0	.5
8	MP3B	Z	33.241	.5
9	MP3B	Mx	-.003	.5
10	MP3B	X	0	5.5
11	MP3B	Z	33.241	5.5
12	MP3B	Mx	-.003	5.5
13	MP3C	X	0	.5
14	MP3C	Z	36.573	.5
15	MP3C	Mx	.03	.5
16	MP3C	X	0	5.5
17	MP3C	Z	36.573	5.5
18	MP3C	Mx	.03	5.5
19	MP3A	X	0	.5
20	MP3A	Z	40.661	.5
21	MP3A	Mx	.027	.5
22	MP3A	X	0	5.5
23	MP3A	Z	40.661	5.5
24	MP3A	Mx	.027	5.5
25	MP3B	X	0	.5
26	MP3B	Z	33.241	.5
27	MP3B	Mx	-.025	.5
28	MP3B	X	0	5.5
29	MP3B	Z	33.241	5.5
30	MP3B	Mx	-.025	5.5
31	MP3C	X	0	.5
32	MP3C	Z	36.573	.5
33	MP3C	Mx	-.007	.5
34	MP3C	X	0	5.5
35	MP3C	Z	36.573	5.5
36	MP3C	Mx	-.007	5.5
37	MP2A	X	0	1.75
38	MP2A	Z	20.068	1.75
39	MP2A	Mx	0	1.75
40	MP2A	X	0	3.75
41	MP2A	Z	20.068	3.75
42	MP2A	Mx	0	3.75
43	MP2B	X	0	1.75
44	MP2B	Z	11.435	1.75
45	MP2B	Mx	-.005	1.75
46	MP2B	X	0	3.75
47	MP2B	Z	11.435	3.75
48	MP2B	Mx	-.005	3.75
49	MP2C	X	0	1.75
50	MP2C	Z	15.312	1.75
51	MP2C	Mx	.005	1.75
52	MP2C	X	0	3.75
53	MP2C	Z	15.312	3.75
54	MP2C	Mx	.005	3.75
55	MP3A	X	0	2.5
56	MP3A	Z	16.877	2.5
57	MP3A	Mx	0	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3B	X	0	2.5
59	MP3B	Z	13.028	2.5
60	MP3B	Mx	.006	2.5
61	MP3C	X	0	2.5
62	MP3C	Z	14.756	2.5
63	MP3C	Mx	-.005	2.5
64	MP4A	X	0	2.5
65	MP4A	Z	16.877	2.5
66	MP4A	Mx	0	2.5
67	MP4B	X	0	2.5
68	MP4B	Z	12.335	2.5
69	MP4B	Mx	.005	2.5
70	MP4C	X	0	2.5
71	MP4C	Z	14.375	2.5
72	MP4C	Mx	-.005	2.5
73	OVP	X	0	.5
74	OVP	Z	32.775	.5
75	OVP	Mx	0	.5
76	MP1C	X	0	1
77	MP1C	Z	23.477	1
78	MP1C	Mx	.01	1
79	MP1C	X	0	4.5
80	MP1C	Z	23.477	4.5
81	MP1C	Mx	.01	4.5
82	MP4C	X	0	1
83	MP4C	Z	23.477	1
84	MP4C	Mx	.01	1
85	MP4C	X	0	4.5
86	MP4C	Z	23.477	4.5
87	MP4C	Mx	.01	4.5
88	MP1A	X	0	1
89	MP1A	Z	25.682	1
90	MP1A	Mx	0	1
91	MP1A	X	0	4.5
92	MP1A	Z	25.682	4.5
93	MP1A	Mx	0	4.5
94	MP1B	X	0	1
95	MP1B	Z	23.477	1
96	MP1B	Mx	-.01	1
97	MP1B	X	0	4.5
98	MP1B	Z	23.477	4.5
99	MP1B	Mx	-.01	4.5
100	MP4A	X	0	1
101	MP4A	Z	25.682	1
102	MP4A	Mx	0	1
103	MP4A	X	0	4.5
104	MP4A	Z	25.682	4.5
105	MP4A	Mx	0	4.5
106	MP4B	X	0	1
107	MP4B	Z	23.477	1
108	MP4B	Mx	-.01	1
109	MP4B	X	0	4.5
110	MP4B	Z	23.477	4.5
111	MP4B	Mx	-.01	4.5

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

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

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-19.094	.5
2	MP3A	Z	33.071	.5
3	MP3A	Mx	-.013	.5
4	MP3A	X	-19.094	5.5
5	MP3A	Z	33.071	5.5
6	MP3A	Mx	-.013	5.5
7	MP3B	X	-15.384	.5
8	MP3B	Z	26.645	.5
9	MP3B	Mx	-.015	.5
10	MP3B	X	-15.384	5.5
11	MP3B	Z	26.645	5.5
12	MP3B	Mx	-.015	5.5
13	MP3C	X	-20.181	.5
14	MP3C	Z	34.955	.5
15	MP3C	Mx	.03	.5
16	MP3C	X	-20.181	5.5
17	MP3C	Z	34.955	5.5
18	MP3C	Mx	.03	5.5
19	MP3A	X	-19.094	.5
20	MP3A	Z	33.071	.5
21	MP3A	Mx	.032	.5
22	MP3A	X	-19.094	5.5
23	MP3A	Z	33.071	5.5
24	MP3A	Mx	.032	5.5
25	MP3B	X	-15.384	.5
26	MP3B	Z	26.645	.5
27	MP3B	Mx	-.015	.5
28	MP3B	X	-15.384	5.5
29	MP3B	Z	26.645	5.5
30	MP3B	Mx	-.015	5.5
31	MP3C	X	-20.181	.5
32	MP3C	Z	34.955	.5
33	MP3C	Mx	-.023	.5
34	MP3C	X	-20.181	5.5
35	MP3C	Z	34.955	5.5
36	MP3C	Mx	-.023	5.5
37	MP2A	X	-8.595	1.75
38	MP2A	Z	14.887	1.75
39	MP2A	Mx	.004	1.75
40	MP2A	X	-8.595	3.75
41	MP2A	Z	14.887	3.75
42	MP2A	Mx	.004	3.75
43	MP2B	X	-4.279	1.75
44	MP2B	Z	7.411	1.75
45	MP2B	Mx	-.004	1.75
46	MP2B	X	-4.279	3.75
47	MP2B	Z	7.411	3.75
48	MP2B	Mx	-.004	3.75
49	MP2C	X	-9.86	1.75
50	MP2C	Z	17.079	1.75
51	MP2C	Mx	.002	1.75
52	MP2C	X	-9.86	3.75
53	MP2C	Z	17.079	3.75
54	MP2C	Mx	.002	3.75
55	MP3A	X	-7.797	2.5
56	MP3A	Z	13.505	2.5
57	MP3A	Mx	-.004	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3B	X	-5.873	2.5
59	MP3B	Z	10.172	2.5
60	MP3B	Mx	.006	2.5
61	MP3C	X	-8.361	2.5
62	MP3C	Z	14.482	2.5
63	MP3C	Mx	-.001	2.5
64	MP4A	X	-7.681	2.5
65	MP4A	Z	13.305	2.5
66	MP4A	Mx	-.004	2.5
67	MP4B	X	-5.411	2.5
68	MP4B	Z	9.372	2.5
69	MP4B	Mx	.005	2.5
70	MP4C	X	-8.347	2.5
71	MP4C	Z	14.458	2.5
72	MP4C	Mx	-.001	2.5
73	OVP	X	-14.5	.5
74	OVP	Z	25.115	.5
75	OVP	Mx	0	.5
76	MP1C	X	-12.473	1
77	MP1C	Z	21.604	1
78	MP1C	Mx	.006	1
79	MP1C	X	-12.473	4.5
80	MP1C	Z	21.604	4.5
81	MP1C	Mx	.006	4.5
82	MP4C	X	-12.473	1
83	MP4C	Z	21.604	1
84	MP4C	Mx	.006	1
85	MP4C	X	-12.473	4.5
86	MP4C	Z	21.604	4.5
87	MP4C	Mx	.006	4.5
88	MP1A	X	-12.473	1
89	MP1A	Z	21.604	1
90	MP1A	Mx	.006	1
91	MP1A	X	-12.473	4.5
92	MP1A	Z	21.604	4.5
93	MP1A	Mx	.006	4.5
94	MP1B	X	-11.371	1
95	MP1B	Z	19.695	1
96	MP1B	Mx	-.011	1
97	MP1B	X	-11.371	4.5
98	MP1B	Z	19.695	4.5
99	MP1B	Mx	-.011	4.5
100	MP4A	X	-12.473	1
101	MP4A	Z	21.604	1
102	MP4A	Mx	.006	1
103	MP4A	X	-12.473	4.5
104	MP4A	Z	21.604	4.5
105	MP4A	Mx	.006	4.5
106	MP4B	X	-11.371	1
107	MP4B	Z	19.695	1
108	MP4B	Mx	-.011	1
109	MP4B	X	-11.371	4.5
110	MP4B	Z	19.695	4.5
111	MP4B	Mx	-.011	4.5

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

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

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-28.787	.5
2	MP3A	Z	16.62	.5
3	MP3A	Mx	.003	.5
4	MP3A	X	-28.787	5.5
5	MP3A	Z	16.62	5.5
6	MP3A	Mx	.003	5.5
7	MP3B	X	-28.787	.5
8	MP3B	Z	16.62	.5
9	MP3B	Mx	-.025	.5
10	MP3B	X	-28.787	5.5
11	MP3B	Z	16.62	5.5
12	MP3B	Mx	-.025	5.5
13	MP3C	X	-34.211	.5
14	MP3C	Z	19.752	.5
15	MP3C	Mx	.018	.5
16	MP3C	X	-34.211	5.5
17	MP3C	Z	19.752	5.5
18	MP3C	Mx	.018	5.5
19	MP3A	X	-28.787	.5
20	MP3A	Z	16.62	.5
21	MP3A	Mx	.025	.5
22	MP3A	X	-28.787	5.5
23	MP3A	Z	16.62	5.5
24	MP3A	Mx	.025	5.5
25	MP3B	X	-28.787	.5
26	MP3B	Z	16.62	.5
27	MP3B	Mx	-.003	.5
28	MP3B	X	-28.787	5.5
29	MP3B	Z	16.62	5.5
30	MP3B	Mx	-.003	5.5
31	MP3C	X	-34.211	.5
32	MP3C	Z	19.752	.5
33	MP3C	Mx	-.032	.5
34	MP3C	X	-34.211	5.5
35	MP3C	Z	19.752	5.5
36	MP3C	Mx	-.032	5.5
37	MP2A	X	-9.903	1.75
38	MP2A	Z	5.718	1.75
39	MP2A	Mx	.005	1.75
40	MP2A	X	-9.903	3.75
41	MP2A	Z	5.718	3.75
42	MP2A	Mx	.005	3.75
43	MP2B	X	-9.903	1.75
44	MP2B	Z	5.718	1.75
45	MP2B	Mx	-.005	1.75
46	MP2B	X	-9.903	3.75
47	MP2B	Z	5.718	3.75
48	MP2B	Mx	-.005	3.75
49	MP2C	X	-16.213	1.75
50	MP2C	Z	9.361	1.75
51	MP2C	Mx	-.003	1.75
52	MP2C	X	-16.213	3.75
53	MP2C	Z	9.361	3.75
54	MP2C	Mx	-.003	3.75
55	MP3A	X	-11.283	2.5
56	MP3A	Z	6.514	2.5
57	MP3A	Mx	-.006	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3B	X	-11.283	2.5
59	MP3B	Z	6.514	2.5
60	MP3B	Mx	.006	2.5
61	MP3C	X	-14.096	2.5
62	MP3C	Z	8.138	2.5
63	MP3C	Mx	.003	2.5
64	MP4A	X	-10.683	2.5
65	MP4A	Z	6.168	2.5
66	MP4A	Mx	-.005	2.5
67	MP4B	X	-10.683	2.5
68	MP4B	Z	6.168	2.5
69	MP4B	Mx	.005	2.5
70	MP4C	X	-14.002	2.5
71	MP4C	Z	8.084	2.5
72	MP4C	Mx	.003	2.5
73	OVP	X	-23.48	.5
74	OVP	Z	13.556	.5
75	OVP	Mx	0	.5
76	MP1C	X	-22.241	1
77	MP1C	Z	12.841	1
78	MP1C	Mx	0	1
79	MP1C	X	-22.241	4.5
80	MP1C	Z	12.841	4.5
81	MP1C	Mx	0	4.5
82	MP4C	X	-22.241	1
83	MP4C	Z	12.841	1
84	MP4C	Mx	0	1
85	MP4C	X	-22.241	4.5
86	MP4C	Z	12.841	4.5
87	MP4C	Mx	0	4.5
88	MP1A	X	-20.331	1
89	MP1A	Z	11.738	1
90	MP1A	Mx	.01	1
91	MP1A	X	-20.331	4.5
92	MP1A	Z	11.738	4.5
93	MP1A	Mx	.01	4.5
94	MP1B	X	-20.331	1
95	MP1B	Z	11.738	1
96	MP1B	Mx	-.01	1
97	MP1B	X	-20.331	4.5
98	MP1B	Z	11.738	4.5
99	MP1B	Mx	-.01	4.5
100	MP4A	X	-20.331	1
101	MP4A	Z	11.738	1
102	MP4A	Mx	.01	1
103	MP4A	X	-20.331	4.5
104	MP4A	Z	11.738	4.5
105	MP4A	Mx	.01	4.5
106	MP4B	X	-20.331	1
107	MP4B	Z	11.738	1
108	MP4B	Mx	-.01	1
109	MP4B	X	-20.331	4.5
110	MP4B	Z	11.738	4.5
111	MP4B	Mx	-.01	4.5

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

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

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-30.767	.5
2	MP3A	Z	0	.5
3	MP3A	Mx	.015	.5
4	MP3A	X	-30.767	5.5
5	MP3A	Z	0	5.5
6	MP3A	Mx	.015	5.5
7	MP3B	X	-38.187	.5
8	MP3B	Z	0	.5
9	MP3B	Mx	-.032	.5
10	MP3B	X	-38.187	5.5
11	MP3B	Z	0	5.5
12	MP3B	Mx	-.032	5.5
13	MP3C	X	-34.855	.5
14	MP3C	Z	0	.5
15	MP3C	Mx	.002	.5
16	MP3C	X	-34.855	5.5
17	MP3C	Z	0	5.5
18	MP3C	Mx	.002	5.5
19	MP3A	X	-30.767	.5
20	MP3A	Z	0	.5
21	MP3A	Mx	.015	.5
22	MP3A	X	-30.767	5.5
23	MP3A	Z	0	5.5
24	MP3A	Mx	.015	5.5
25	MP3B	X	-38.187	.5
26	MP3B	Z	0	.5
27	MP3B	Mx	.013	.5
28	MP3B	X	-38.187	5.5
29	MP3B	Z	0	5.5
30	MP3B	Mx	.013	5.5
31	MP3C	X	-34.855	.5
32	MP3C	Z	0	.5
33	MP3C	Mx	-.028	.5
34	MP3C	X	-34.855	5.5
35	MP3C	Z	0	5.5
36	MP3C	Mx	-.028	5.5
37	MP2A	X	-8.558	1.75
38	MP2A	Z	0	1.75
39	MP2A	Mx	.004	1.75
40	MP2A	X	-8.558	3.75
41	MP2A	Z	0	3.75
42	MP2A	Mx	.004	3.75
43	MP2B	X	-17.19	1.75
44	MP2B	Z	0	1.75
45	MP2B	Mx	-.004	1.75
46	MP2B	X	-17.19	3.75
47	MP2B	Z	0	3.75
48	MP2B	Mx	-.004	3.75
49	MP2C	X	-13.313	1.75
50	MP2C	Z	0	1.75
51	MP2C	Mx	-.005	1.75
52	MP2C	X	-13.313	3.75
53	MP2C	Z	0	3.75
54	MP2C	Mx	-.005	3.75
55	MP3A	X	-11.745	2.5
56	MP3A	Z	0	2.5
57	MP3A	Mx	-.006	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3B	X	-15.594	2.5
59	MP3B	Z	0	2.5
60	MP3B	Mx	.004	2.5
61	MP3C	X	-13.865	2.5
62	MP3C	Z	0	2.5
63	MP3C	Mx	.005	2.5
64	MP4A	X	-10.821	2.5
65	MP4A	Z	0	2.5
66	MP4A	Mx	-.005	2.5
67	MP4B	X	-15.363	2.5
68	MP4B	Z	0	2.5
69	MP4B	Mx	.004	2.5
70	MP4C	X	-13.323	2.5
71	MP4C	Z	0	2.5
72	MP4C	Mx	.005	2.5
73	OVP	X	-29	.5
74	OVP	Z	0	.5
75	OVP	Mx	0	.5
76	MP1C	X	-24.947	1
77	MP1C	Z	0	1
78	MP1C	Mx	-.006	1
79	MP1C	X	-24.947	4.5
80	MP1C	Z	0	4.5
81	MP1C	Mx	-.006	4.5
82	MP4C	X	-24.947	1
83	MP4C	Z	0	1
84	MP4C	Mx	-.006	1
85	MP4C	X	-24.947	4.5
86	MP4C	Z	0	4.5
87	MP4C	Mx	-.006	4.5
88	MP1A	X	-22.742	1
89	MP1A	Z	0	1
90	MP1A	Mx	.011	1
91	MP1A	X	-22.742	4.5
92	MP1A	Z	0	4.5
93	MP1A	Mx	.011	4.5
94	MP1B	X	-24.947	1
95	MP1B	Z	0	1
96	MP1B	Mx	-.006	1
97	MP1B	X	-24.947	4.5
98	MP1B	Z	0	4.5
99	MP1B	Mx	-.006	4.5
100	MP4A	X	-22.742	1
101	MP4A	Z	0	1
102	MP4A	Mx	.011	1
103	MP4A	X	-22.742	4.5
104	MP4A	Z	0	4.5
105	MP4A	Mx	.011	4.5
106	MP4B	X	-24.947	1
107	MP4B	Z	0	1
108	MP4B	Mx	-.006	1
109	MP4B	X	-24.947	4.5
110	MP4B	Z	0	4.5
111	MP4B	Mx	-.006	4.5

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

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

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-28.787	.5
2	MP3A	Z	-16.62	.5
3	MP3A	Mx	.025	.5
4	MP3A	X	-28.787	5.5
5	MP3A	Z	-16.62	5.5
6	MP3A	Mx	.025	5.5
7	MP3B	X	-35.213	.5
8	MP3B	Z	-20.33	.5
9	MP3B	Mx	-.027	.5
10	MP3B	X	-35.213	5.5
11	MP3B	Z	-20.33	5.5
12	MP3B	Mx	-.027	5.5
13	MP3C	X	-26.904	.5
14	MP3C	Z	-15.533	.5
15	MP3C	Mx	-.012	.5
16	MP3C	X	-26.904	5.5
17	MP3C	Z	-15.533	5.5
18	MP3C	Mx	-.012	5.5
19	MP3A	X	-28.787	.5
20	MP3A	Z	-16.62	.5
21	MP3A	Mx	.003	.5
22	MP3A	X	-28.787	5.5
23	MP3A	Z	-16.62	5.5
24	MP3A	Mx	.003	5.5
25	MP3B	X	-35.213	.5
26	MP3B	Z	-20.33	.5
27	MP3B	Mx	.027	.5
28	MP3B	X	-35.213	5.5
29	MP3B	Z	-20.33	5.5
30	MP3B	Mx	.027	5.5
31	MP3C	X	-26.904	.5
32	MP3C	Z	-15.533	.5
33	MP3C	Mx	-.019	.5
34	MP3C	X	-26.904	5.5
35	MP3C	Z	-15.533	5.5
36	MP3C	Mx	-.019	5.5
37	MP2A	X	-9.903	1.75
38	MP2A	Z	-5.718	1.75
39	MP2A	Mx	.005	1.75
40	MP2A	X	-9.903	3.75
41	MP2A	Z	-5.718	3.75
42	MP2A	Mx	.005	3.75
43	MP2B	X	-17.379	1.75
44	MP2B	Z	-10.034	1.75
45	MP2B	Mx	0	1.75
46	MP2B	X	-17.379	3.75
47	MP2B	Z	-10.034	3.75
48	MP2B	Mx	0	3.75
49	MP2C	X	-7.712	1.75
50	MP2C	Z	-4.452	1.75
51	MP2C	Mx	-.004	1.75
52	MP2C	X	-7.712	3.75
53	MP2C	Z	-4.452	3.75
54	MP2C	Mx	-.004	3.75
55	MP3A	X	-11.283	2.5
56	MP3A	Z	-6.514	2.5
57	MP3A	Mx	-.006	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3B	X	-14.616	2.5
59	MP3B	Z	-8.438	2.5
60	MP3B	Mx	0	2.5
61	MP3C	X	-10.306	2.5
62	MP3C	Z	-5.95	2.5
63	MP3C	Mx	.006	2.5
64	MP4A	X	-10.683	2.5
65	MP4A	Z	-6.168	2.5
66	MP4A	Mx	-.005	2.5
67	MP4B	X	-14.616	2.5
68	MP4B	Z	-8.438	2.5
69	MP4B	Mx	0	2.5
70	MP4C	X	-9.53	2.5
71	MP4C	Z	-5.502	2.5
72	MP4C	Mx	.005	2.5
73	OVP	X	-28.384	.5
74	OVP	Z	-16.387	.5
75	OVP	Mx	0	.5
76	MP1C	X	-20.331	1
77	MP1C	Z	-11.738	1
78	MP1C	Mx	-.01	1
79	MP1C	X	-20.331	4.5
80	MP1C	Z	-11.738	4.5
81	MP1C	Mx	-.01	4.5
82	MP4C	X	-20.331	1
83	MP4C	Z	-11.738	1
84	MP4C	Mx	-.01	1
85	MP4C	X	-20.331	4.5
86	MP4C	Z	-11.738	4.5
87	MP4C	Mx	-.01	4.5
88	MP1A	X	-20.331	1
89	MP1A	Z	-11.738	1
90	MP1A	Mx	.01	1
91	MP1A	X	-20.331	4.5
92	MP1A	Z	-11.738	4.5
93	MP1A	Mx	.01	4.5
94	MP1B	X	-22.241	1
95	MP1B	Z	-12.841	1
96	MP1B	Mx	0	1
97	MP1B	X	-22.241	4.5
98	MP1B	Z	-12.841	4.5
99	MP1B	Mx	0	4.5
100	MP4A	X	-20.331	1
101	MP4A	Z	-11.738	1
102	MP4A	Mx	.01	1
103	MP4A	X	-20.331	4.5
104	MP4A	Z	-11.738	4.5
105	MP4A	Mx	.01	4.5
106	MP4B	X	-22.241	1
107	MP4B	Z	-12.841	1
108	MP4B	Mx	0	1
109	MP4B	X	-22.241	4.5
110	MP4B	Z	-12.841	4.5
111	MP4B	Mx	0	4.5

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	MP3A	X	-19.094	.5
2	MP3A	Z	-33.071	.5
3	MP3A	Mx	.032	.5
4	MP3A	X	-19.094	5.5
5	MP3A	Z	-33.071	5.5
6	MP3A	Mx	.032	5.5
7	MP3B	X	-19.094	.5
8	MP3B	Z	-33.071	.5
9	MP3B	Mx	-.013	.5
10	MP3B	X	-19.094	5.5
11	MP3B	Z	-33.071	5.5
12	MP3B	Mx	-.013	5.5
13	MP3C	X	-15.962	.5
14	MP3C	Z	-27.648	.5
15	MP3C	Mx	-.022	.5
16	MP3C	X	-15.962	5.5
17	MP3C	Z	-27.648	5.5
18	MP3C	Mx	-.022	5.5
19	MP3A	X	-19.094	.5
20	MP3A	Z	-33.071	.5
21	MP3A	Mx	-.013	.5
22	MP3A	X	-19.094	5.5
23	MP3A	Z	-33.071	5.5
24	MP3A	Mx	-.013	5.5
25	MP3B	X	-19.094	.5
26	MP3B	Z	-33.071	.5
27	MP3B	Mx	.032	.5
28	MP3B	X	-19.094	5.5
29	MP3B	Z	-33.071	5.5
30	MP3B	Mx	.032	5.5
31	MP3C	X	-15.962	.5
32	MP3C	Z	-27.648	.5
33	MP3C	Mx	-.008	.5
34	MP3C	X	-15.962	5.5
35	MP3C	Z	-27.648	5.5
36	MP3C	Mx	-.008	5.5
37	MP2A	X	-8.595	1.75
38	MP2A	Z	-14.887	1.75
39	MP2A	Mx	.004	1.75
40	MP2A	X	-8.595	3.75
41	MP2A	Z	-14.887	3.75
42	MP2A	Mx	.004	3.75
43	MP2B	X	-8.595	1.75
44	MP2B	Z	-14.887	1.75
45	MP2B	Mx	.004	1.75
46	MP2B	X	-8.595	3.75
47	MP2B	Z	-14.887	3.75
48	MP2B	Mx	.004	3.75
49	MP2C	X	-4.952	1.75
50	MP2C	Z	-8.577	1.75
51	MP2C	Mx	-.005	1.75
52	MP2C	X	-4.952	3.75
53	MP2C	Z	-8.577	3.75
54	MP2C	Mx	-.005	3.75
55	MP3A	X	-7.797	2.5
56	MP3A	Z	-13.505	2.5
57	MP3A	Mx	-.004	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3B	X	-7.797	2.5
59	MP3B	Z	-13.505	2.5
60	MP3B	Mx	-.004	2.5
61	MP3C	X	-6.173	2.5
62	MP3C	Z	-10.691	2.5
63	MP3C	Mx	.006	2.5
64	MP4A	X	-7.681	2.5
65	MP4A	Z	-13.305	2.5
66	MP4A	Mx	-.004	2.5
67	MP4B	X	-7.681	2.5
68	MP4B	Z	-13.305	2.5
69	MP4B	Mx	-.004	2.5
70	MP4C	X	-5.765	2.5
71	MP4C	Z	-9.985	2.5
72	MP4C	Mx	.005	2.5
73	OVP	X	-17.331	.5
74	OVP	Z	-30.018	.5
75	OVP	Mx	0	.5
76	MP1C	X	-11.371	1
77	MP1C	Z	-19.695	1
78	MP1C	Mx	-.011	1
79	MP1C	X	-11.371	4.5
80	MP1C	Z	-19.695	4.5
81	MP1C	Mx	-.011	4.5
82	MP4C	X	-11.371	1
83	MP4C	Z	-19.695	1
84	MP4C	Mx	-.011	1
85	MP4C	X	-11.371	4.5
86	MP4C	Z	-19.695	4.5
87	MP4C	Mx	-.011	4.5
88	MP1A	X	-12.473	1
89	MP1A	Z	-21.604	1
90	MP1A	Mx	.006	1
91	MP1A	X	-12.473	4.5
92	MP1A	Z	-21.604	4.5
93	MP1A	Mx	.006	4.5
94	MP1B	X	-12.473	1
95	MP1B	Z	-21.604	1
96	MP1B	Mx	.006	1
97	MP1B	X	-12.473	4.5
98	MP1B	Z	-21.604	4.5
99	MP1B	Mx	.006	4.5
100	MP4A	X	-12.473	1
101	MP4A	Z	-21.604	1
102	MP4A	Mx	.006	1
103	MP4A	X	-12.473	4.5
104	MP4A	Z	-21.604	4.5
105	MP4A	Mx	.006	4.5
106	MP4B	X	-12.473	1
107	MP4B	Z	-21.604	1
108	MP4B	Mx	.006	1
109	MP4B	X	-12.473	4.5
110	MP4B	Z	-21.604	4.5
111	MP4B	Mx	.006	4.5

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

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

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	0	.5
2	MP3A	Z	-13.408	.5
3	MP3A	Mx	.009	.5
4	MP3A	X	0	5.5
5	MP3A	Z	-13.408	5.5
6	MP3A	Mx	.009	5.5
7	MP3B	X	0	.5
8	MP3B	Z	-10.828	.5
9	MP3B	Mx	.001	.5
10	MP3B	X	0	5.5
11	MP3B	Z	-10.828	5.5
12	MP3B	Mx	.001	5.5
13	MP3C	X	0	.5
14	MP3C	Z	-11.987	.5
15	MP3C	Mx	-.01	.5
16	MP3C	X	0	5.5
17	MP3C	Z	-11.987	5.5
18	MP3C	Mx	-.01	5.5
19	MP3A	X	0	.5
20	MP3A	Z	-13.408	.5
21	MP3A	Mx	-.009	.5
22	MP3A	X	0	5.5
23	MP3A	Z	-13.408	5.5
24	MP3A	Mx	-.009	5.5
25	MP3B	X	0	.5
26	MP3B	Z	-10.828	.5
27	MP3B	Mx	.008	.5
28	MP3B	X	0	5.5
29	MP3B	Z	-10.828	5.5
30	MP3B	Mx	.008	5.5
31	MP3C	X	0	.5
32	MP3C	Z	-11.987	.5
33	MP3C	Mx	.002	.5
34	MP3C	X	0	5.5
35	MP3C	Z	-11.987	5.5
36	MP3C	Mx	.002	5.5
37	MP2A	X	0	1.75
38	MP2A	Z	-6.385	1.75
39	MP2A	Mx	0	1.75
40	MP2A	X	0	3.75
41	MP2A	Z	-6.385	3.75
42	MP2A	Mx	0	3.75
43	MP2B	X	0	1.75
44	MP2B	Z	-3.471	1.75
45	MP2B	Mx	.002	1.75
46	MP2B	X	0	3.75
47	MP2B	Z	-3.471	3.75
48	MP2B	Mx	.002	3.75
49	MP2C	X	0	1.75
50	MP2C	Z	-4.78	1.75
51	MP2C	Mx	-.002	1.75
52	MP2C	X	0	3.75
53	MP2C	Z	-4.78	3.75
54	MP2C	Mx	-.002	3.75
55	MP3A	X	0	2.5
56	MP3A	Z	-5.067	2.5
57	MP3A	Mx	0	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3B	X	0	2.5
59	MP3B	Z	-3.807	2.5
60	MP3B	Mx	-.002	2.5
61	MP3C	X	0	2.5
62	MP3C	Z	-4.373	2.5
63	MP3C	Mx	.001	2.5
64	MP4A	X	0	2.5
65	MP4A	Z	-5.067	2.5
66	MP4A	Mx	0	2.5
67	MP4B	X	0	2.5
68	MP4B	Z	-3.578	2.5
69	MP4B	Mx	-.002	2.5
70	MP4C	X	0	2.5
71	MP4C	Z	-4.247	2.5
72	MP4C	Mx	.001	2.5
73	OVP	X	0	.5
74	OVP	Z	-10.349	.5
75	OVP	Mx	0	.5
76	MP1C	X	0	1
77	MP1C	Z	-7.559	1
78	MP1C	Mx	-.003	1
79	MP1C	X	0	4.5
80	MP1C	Z	-7.559	4.5
81	MP1C	Mx	-.003	4.5
82	MP4C	X	0	1
83	MP4C	Z	-7.559	1
84	MP4C	Mx	-.003	1
85	MP4C	X	0	4.5
86	MP4C	Z	-7.559	4.5
87	MP4C	Mx	-.003	4.5
88	MP1A	X	0	1
89	MP1A	Z	-8.332	1
90	MP1A	Mx	0	1
91	MP1A	X	0	4.5
92	MP1A	Z	-8.332	4.5
93	MP1A	Mx	0	4.5
94	MP1B	X	0	1
95	MP1B	Z	-7.559	1
96	MP1B	Mx	.003	1
97	MP1B	X	0	4.5
98	MP1B	Z	-7.559	4.5
99	MP1B	Mx	.003	4.5
100	MP4A	X	0	1
101	MP4A	Z	-8.332	1
102	MP4A	Mx	0	1
103	MP4A	X	0	4.5
104	MP4A	Z	-8.332	4.5
105	MP4A	Mx	0	4.5
106	MP4B	X	0	1
107	MP4B	Z	-7.559	1
108	MP4B	Mx	.003	1
109	MP4B	X	0	4.5
110	MP4B	Z	-7.559	4.5
111	MP4B	Mx	.003	4.5

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

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

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	6.274	.5
2	MP3A	Z	-10.867	.5
3	MP3A	Mx	.004	.5
4	MP3A	X	6.274	5.5
5	MP3A	Z	-10.867	5.5
6	MP3A	Mx	.004	5.5
7	MP3B	X	4.984	.5
8	MP3B	Z	-8.633	.5
9	MP3B	Mx	.005	.5
10	MP3B	X	4.984	5.5
11	MP3B	Z	-8.633	5.5
12	MP3B	Mx	.005	5.5
13	MP3C	X	6.652	.5
14	MP3C	Z	-11.522	.5
15	MP3C	Mx	-.01	.5
16	MP3C	X	6.652	5.5
17	MP3C	Z	-11.522	5.5
18	MP3C	Mx	-.01	5.5
19	MP3A	X	6.274	.5
20	MP3A	Z	-10.867	.5
21	MP3A	Mx	-.01	.5
22	MP3A	X	6.274	5.5
23	MP3A	Z	-10.867	5.5
24	MP3A	Mx	-.01	5.5
25	MP3B	X	4.984	.5
26	MP3B	Z	-8.633	.5
27	MP3B	Mx	.005	.5
28	MP3B	X	4.984	5.5
29	MP3B	Z	-8.633	5.5
30	MP3B	Mx	.005	5.5
31	MP3C	X	6.652	.5
32	MP3C	Z	-11.522	.5
33	MP3C	Mx	.008	.5
34	MP3C	X	6.652	5.5
35	MP3C	Z	-11.522	5.5
36	MP3C	Mx	.008	5.5
37	MP2A	X	2.707	1.75
38	MP2A	Z	-4.688	1.75
39	MP2A	Mx	-.001	1.75
40	MP2A	X	2.707	3.75
41	MP2A	Z	-4.688	3.75
42	MP2A	Mx	-.001	3.75
43	MP2B	X	1.25	1.75
44	MP2B	Z	-2.165	1.75
45	MP2B	Mx	.001	1.75
46	MP2B	X	1.25	3.75
47	MP2B	Z	-2.165	3.75
48	MP2B	Mx	.001	3.75
49	MP2C	X	3.134	1.75
50	MP2C	Z	-5.428	1.75
51	MP2C	Mx	-.000544	1.75
52	MP2C	X	3.134	3.75
53	MP2C	Z	-5.428	3.75
54	MP2C	Mx	-.000544	3.75
55	MP3A	X	2.324	2.5
56	MP3A	Z	-4.024	2.5
57	MP3A	Mx	.001	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3B	X	1.694	2.5
59	MP3B	Z	-2.933	2.5
60	MP3B	Mx	-.002	2.5
61	MP3C	X	2.508	2.5
62	MP3C	Z	-4.344	2.5
63	MP3C	Mx	.000436	2.5
64	MP4A	X	2.285	2.5
65	MP4A	Z	-3.958	2.5
66	MP4A	Mx	.001	2.5
67	MP4B	X	1.541	2.5
68	MP4B	Z	-2.669	2.5
69	MP4B	Mx	-.002	2.5
70	MP4C	X	2.504	2.5
71	MP4C	Z	-4.336	2.5
72	MP4C	Mx	.000434	2.5
73	OVP	X	4.523	.5
74	OVP	Z	-7.833	.5
75	OVP	Mx	0	.5
76	MP1C	X	4.037	1
77	MP1C	Z	-6.993	1
78	MP1C	Mx	-.002	1
79	MP1C	X	4.037	4.5
80	MP1C	Z	-6.993	4.5
81	MP1C	Mx	-.002	4.5
82	MP4C	X	4.037	1
83	MP4C	Z	-6.993	1
84	MP4C	Mx	-.002	1
85	MP4C	X	4.037	4.5
86	MP4C	Z	-6.993	4.5
87	MP4C	Mx	-.002	4.5
88	MP1A	X	4.037	1
89	MP1A	Z	-6.993	1
90	MP1A	Mx	-.002	1
91	MP1A	X	4.037	4.5
92	MP1A	Z	-6.993	4.5
93	MP1A	Mx	-.002	4.5
94	MP1B	X	3.65	1
95	MP1B	Z	-6.323	1
96	MP1B	Mx	.004	1
97	MP1B	X	3.65	4.5
98	MP1B	Z	-6.323	4.5
99	MP1B	Mx	.004	4.5
100	MP4A	X	4.037	1
101	MP4A	Z	-6.993	1
102	MP4A	Mx	-.002	1
103	MP4A	X	4.037	4.5
104	MP4A	Z	-6.993	4.5
105	MP4A	Mx	-.002	4.5
106	MP4B	X	3.65	1
107	MP4B	Z	-6.323	1
108	MP4B	Mx	.004	1
109	MP4B	X	3.65	4.5
110	MP4B	Z	-6.323	4.5
111	MP4B	Mx	.004	4.5

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

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

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	9.378	.5
2	MP3A	Z	-5.414	.5
3	MP3A	Mx	-.001	.5
4	MP3A	X	9.378	5.5
5	MP3A	Z	-5.414	5.5
6	MP3A	Mx	-.001	5.5
7	MP3B	X	9.378	.5
8	MP3B	Z	-5.414	.5
9	MP3B	Mx	.008	.5
10	MP3B	X	9.378	5.5
11	MP3B	Z	-5.414	5.5
12	MP3B	Mx	.008	5.5
13	MP3C	X	11.263	.5
14	MP3C	Z	-6.503	.5
15	MP3C	Mx	-.006	.5
16	MP3C	X	11.263	5.5
17	MP3C	Z	-6.503	5.5
18	MP3C	Mx	-.006	5.5
19	MP3A	X	9.378	.5
20	MP3A	Z	-5.414	.5
21	MP3A	Mx	-.008	.5
22	MP3A	X	9.378	5.5
23	MP3A	Z	-5.414	5.5
24	MP3A	Mx	-.008	5.5
25	MP3B	X	9.378	.5
26	MP3B	Z	-5.414	.5
27	MP3B	Mx	.001	.5
28	MP3B	X	9.378	5.5
29	MP3B	Z	-5.414	5.5
30	MP3B	Mx	.001	5.5
31	MP3C	X	11.263	.5
32	MP3C	Z	-6.503	.5
33	MP3C	Mx	.01	.5
34	MP3C	X	11.263	5.5
35	MP3C	Z	-6.503	5.5
36	MP3C	Mx	.01	5.5
37	MP2A	X	3.006	1.75
38	MP2A	Z	-1.735	1.75
39	MP2A	Mx	-.002	1.75
40	MP2A	X	3.006	3.75
41	MP2A	Z	-1.735	3.75
42	MP2A	Mx	-.002	3.75
43	MP2B	X	3.006	1.75
44	MP2B	Z	-1.735	1.75
45	MP2B	Mx	.002	1.75
46	MP2B	X	3.006	3.75
47	MP2B	Z	-1.735	3.75
48	MP2B	Mx	.002	3.75
49	MP2C	X	5.136	1.75
50	MP2C	Z	-2.965	1.75
51	MP2C	Mx	.001	1.75
52	MP2C	X	5.136	3.75
53	MP2C	Z	-2.965	3.75
54	MP2C	Mx	.001	3.75
55	MP3A	X	3.297	2.5
56	MP3A	Z	-1.904	2.5
57	MP3A	Mx	.002	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3B	X	3.297	2.5
59	MP3B	Z	-1.904	2.5
60	MP3B	Mx	-.002	2.5
61	MP3C	X	4.218	2.5
62	MP3C	Z	-2.435	2.5
63	MP3C	Mx	-.000833	2.5
64	MP4A	X	3.099	2.5
65	MP4A	Z	-1.789	2.5
66	MP4A	Mx	.002	2.5
67	MP4B	X	3.099	2.5
68	MP4B	Z	-1.789	2.5
69	MP4B	Mx	-.002	2.5
70	MP4C	X	4.187	2.5
71	MP4C	Z	-2.417	2.5
72	MP4C	Mx	-.000827	2.5
73	OVP	X	7.269	.5
74	OVP	Z	-4.197	.5
75	OVP	Mx	0	.5
76	MP1C	X	7.216	1
77	MP1C	Z	-4.166	1
78	MP1C	Mx	0	1
79	MP1C	X	7.216	4.5
80	MP1C	Z	-4.166	4.5
81	MP1C	Mx	0	4.5
82	MP4C	X	7.216	1
83	MP4C	Z	-4.166	1
84	MP4C	Mx	0	1
85	MP4C	X	7.216	4.5
86	MP4C	Z	-4.166	4.5
87	MP4C	Mx	0	4.5
88	MP1A	X	6.546	1
89	MP1A	Z	-3.779	1
90	MP1A	Mx	-.003	1
91	MP1A	X	6.546	4.5
92	MP1A	Z	-3.779	4.5
93	MP1A	Mx	-.003	4.5
94	MP1B	X	6.546	1
95	MP1B	Z	-3.779	1
96	MP1B	Mx	.003	1
97	MP1B	X	6.546	4.5
98	MP1B	Z	-3.779	4.5
99	MP1B	Mx	.003	4.5
100	MP4A	X	6.546	1
101	MP4A	Z	-3.779	1
102	MP4A	Mx	-.003	1
103	MP4A	X	6.546	4.5
104	MP4A	Z	-3.779	4.5
105	MP4A	Mx	-.003	4.5
106	MP4B	X	6.546	1
107	MP4B	Z	-3.779	1
108	MP4B	Mx	.003	1
109	MP4B	X	6.546	4.5
110	MP4B	Z	-3.779	4.5
111	MP4B	Mx	.003	4.5

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

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

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	9.968	.5
2	MP3A	Z	0	.5
3	MP3A	Mx	-.005	.5
4	MP3A	X	9.968	5.5
5	MP3A	Z	0	5.5
6	MP3A	Mx	-.005	5.5
7	MP3B	X	12.548	.5
8	MP3B	Z	0	.5
9	MP3B	Mx	.01	.5
10	MP3B	X	12.548	5.5
11	MP3B	Z	0	5.5
12	MP3B	Mx	.01	5.5
13	MP3C	X	11.39	.5
14	MP3C	Z	0	.5
15	MP3C	Mx	-.000518	.5
16	MP3C	X	11.39	5.5
17	MP3C	Z	0	5.5
18	MP3C	Mx	-.000518	5.5
19	MP3A	X	9.968	.5
20	MP3A	Z	0	.5
21	MP3A	Mx	-.005	.5
22	MP3A	X	9.968	5.5
23	MP3A	Z	0	5.5
24	MP3A	Mx	-.005	5.5
25	MP3B	X	12.548	.5
26	MP3B	Z	0	.5
27	MP3B	Mx	-.004	.5
28	MP3B	X	12.548	5.5
29	MP3B	Z	0	5.5
30	MP3B	Mx	-.004	5.5
31	MP3C	X	11.39	.5
32	MP3C	Z	0	.5
33	MP3C	Mx	.009	.5
34	MP3C	X	11.39	5.5
35	MP3C	Z	0	5.5
36	MP3C	Mx	.009	5.5
37	MP2A	X	2.5	1.75
38	MP2A	Z	0	1.75
39	MP2A	Mx	-.001	1.75
40	MP2A	X	2.5	3.75
41	MP2A	Z	0	3.75
42	MP2A	Mx	-.001	3.75
43	MP2B	X	5.414	1.75
44	MP2B	Z	0	1.75
45	MP2B	Mx	.001	1.75
46	MP2B	X	5.414	3.75
47	MP2B	Z	0	3.75
48	MP2B	Mx	.001	3.75
49	MP2C	X	4.105	1.75
50	MP2C	Z	0	1.75
51	MP2C	Mx	.002	1.75
52	MP2C	X	4.105	3.75
53	MP2C	Z	0	3.75
54	MP2C	Mx	.002	3.75
55	MP3A	X	3.387	2.5
56	MP3A	Z	0	2.5
57	MP3A	Mx	.002	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3B	X	4.647	2.5
59	MP3B	Z	0	2.5
60	MP3B	Mx	-.001	2.5
61	MP3C	X	4.081	2.5
62	MP3C	Z	0	2.5
63	MP3C	Mx	-.002	2.5
64	MP4A	X	3.082	2.5
65	MP4A	Z	0	2.5
66	MP4A	Mx	.002	2.5
67	MP4B	X	4.571	2.5
68	MP4B	Z	0	2.5
69	MP4B	Mx	-.001	2.5
70	MP4C	X	3.902	2.5
71	MP4C	Z	0	2.5
72	MP4C	Mx	-.001	2.5
73	OVP	X	9.045	.5
74	OVP	Z	0	.5
75	OVP	Mx	0	.5
76	MP1C	X	8.074	1
77	MP1C	Z	0	1
78	MP1C	Mx	.002	1
79	MP1C	X	8.074	4.5
80	MP1C	Z	0	4.5
81	MP1C	Mx	.002	4.5
82	MP4C	X	8.074	1
83	MP4C	Z	0	1
84	MP4C	Mx	.002	1
85	MP4C	X	8.074	4.5
86	MP4C	Z	0	4.5
87	MP4C	Mx	.002	4.5
88	MP1A	X	7.301	1
89	MP1A	Z	0	1
90	MP1A	Mx	-.004	1
91	MP1A	X	7.301	4.5
92	MP1A	Z	0	4.5
93	MP1A	Mx	-.004	4.5
94	MP1B	X	8.074	1
95	MP1B	Z	0	1
96	MP1B	Mx	.002	1
97	MP1B	X	8.074	4.5
98	MP1B	Z	0	4.5
99	MP1B	Mx	.002	4.5
100	MP4A	X	7.301	1
101	MP4A	Z	0	1
102	MP4A	Mx	-.004	1
103	MP4A	X	7.301	4.5
104	MP4A	Z	0	4.5
105	MP4A	Mx	-.004	4.5
106	MP4B	X	8.074	1
107	MP4B	Z	0	1
108	MP4B	Mx	.002	1
109	MP4B	X	8.074	4.5
110	MP4B	Z	0	4.5
111	MP4B	Mx	.002	4.5

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

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

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	9.378	.5
2	MP3A	Z	5.414	.5
3	MP3A	Mx	-.008	.5
4	MP3A	X	9.378	5.5
5	MP3A	Z	5.414	5.5
6	MP3A	Mx	-.008	5.5
7	MP3B	X	11.612	.5
8	MP3B	Z	6.704	.5
9	MP3B	Mx	.009	.5
10	MP3B	X	11.612	5.5
11	MP3B	Z	6.704	5.5
12	MP3B	Mx	.009	5.5
13	MP3C	X	8.723	.5
14	MP3C	Z	5.036	.5
15	MP3C	Mx	.004	.5
16	MP3C	X	8.723	5.5
17	MP3C	Z	5.036	5.5
18	MP3C	Mx	.004	5.5
19	MP3A	X	9.378	.5
20	MP3A	Z	5.414	.5
21	MP3A	Mx	-.001	.5
22	MP3A	X	9.378	5.5
23	MP3A	Z	5.414	5.5
24	MP3A	Mx	-.001	5.5
25	MP3B	X	11.612	.5
26	MP3B	Z	6.704	.5
27	MP3B	Mx	-.009	.5
28	MP3B	X	11.612	5.5
29	MP3B	Z	6.704	5.5
30	MP3B	Mx	-.009	5.5
31	MP3C	X	8.723	.5
32	MP3C	Z	5.036	.5
33	MP3C	Mx	.006	.5
34	MP3C	X	8.723	5.5
35	MP3C	Z	5.036	5.5
36	MP3C	Mx	.006	5.5
37	MP2A	X	3.006	1.75
38	MP2A	Z	1.735	1.75
39	MP2A	Mx	-.002	1.75
40	MP2A	X	3.006	3.75
41	MP2A	Z	1.735	3.75
42	MP2A	Mx	-.002	3.75
43	MP2B	X	5.529	1.75
44	MP2B	Z	3.192	1.75
45	MP2B	Mx	0	1.75
46	MP2B	X	5.529	3.75
47	MP2B	Z	3.192	3.75
48	MP2B	Mx	0	3.75
49	MP2C	X	2.266	1.75
50	MP2C	Z	1.308	1.75
51	MP2C	Mx	.001	1.75
52	MP2C	X	2.266	3.75
53	MP2C	Z	1.308	3.75
54	MP2C	Mx	.001	3.75
55	MP3A	X	3.297	2.5
56	MP3A	Z	1.904	2.5
57	MP3A	Mx	.002	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3B	X	4.388	2.5
59	MP3B	Z	2.534	2.5
60	MP3B	Mx	0	2.5
61	MP3C	X	2.977	2.5
62	MP3C	Z	1.719	2.5
63	MP3C	Mx	-.002	2.5
64	MP4A	X	3.099	2.5
65	MP4A	Z	1.789	2.5
66	MP4A	Mx	.002	2.5
67	MP4B	X	4.388	2.5
68	MP4B	Z	2.534	2.5
69	MP4B	Mx	0	2.5
70	MP4C	X	2.721	2.5
71	MP4C	Z	1.571	2.5
72	MP4C	Mx	-.002	2.5
73	OVP	X	8.963	.5
74	OVP	Z	5.175	.5
75	OVP	Mx	0	.5
76	MP1C	X	6.546	1
77	MP1C	Z	3.779	1
78	MP1C	Mx	.003	1
79	MP1C	X	6.546	4.5
80	MP1C	Z	3.779	4.5
81	MP1C	Mx	.003	4.5
82	MP4C	X	6.546	1
83	MP4C	Z	3.779	1
84	MP4C	Mx	.003	1
85	MP4C	X	6.546	4.5
86	MP4C	Z	3.779	4.5
87	MP4C	Mx	.003	4.5
88	MP1A	X	6.546	1
89	MP1A	Z	3.779	1
90	MP1A	Mx	-.003	1
91	MP1A	X	6.546	4.5
92	MP1A	Z	3.779	4.5
93	MP1A	Mx	-.003	4.5
94	MP1B	X	7.216	1
95	MP1B	Z	4.166	1
96	MP1B	Mx	0	1
97	MP1B	X	7.216	4.5
98	MP1B	Z	4.166	4.5
99	MP1B	Mx	0	4.5
100	MP4A	X	6.546	1
101	MP4A	Z	3.779	1
102	MP4A	Mx	-.003	1
103	MP4A	X	6.546	4.5
104	MP4A	Z	3.779	4.5
105	MP4A	Mx	-.003	4.5
106	MP4B	X	7.216	1
107	MP4B	Z	4.166	1
108	MP4B	Mx	0	1
109	MP4B	X	7.216	4.5
110	MP4B	Z	4.166	4.5
111	MP4B	Mx	0	4.5

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

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

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	6.274	.5
2	MP3A	Z	10.867	.5
3	MP3A	Mx	-.01	.5
4	MP3A	X	6.274	5.5
5	MP3A	Z	10.867	5.5
6	MP3A	Mx	-.01	5.5
7	MP3B	X	6.274	.5
8	MP3B	Z	10.867	.5
9	MP3B	Mx	.004	.5
10	MP3B	X	6.274	5.5
11	MP3B	Z	10.867	5.5
12	MP3B	Mx	.004	5.5
13	MP3C	X	5.185	.5
14	MP3C	Z	8.981	.5
15	MP3C	Mx	.007	.5
16	MP3C	X	5.185	5.5
17	MP3C	Z	8.981	5.5
18	MP3C	Mx	.007	5.5
19	MP3A	X	6.274	.5
20	MP3A	Z	10.867	.5
21	MP3A	Mx	.004	.5
22	MP3A	X	6.274	5.5
23	MP3A	Z	10.867	5.5
24	MP3A	Mx	.004	5.5
25	MP3B	X	6.274	.5
26	MP3B	Z	10.867	.5
27	MP3B	Mx	-.01	.5
28	MP3B	X	6.274	5.5
29	MP3B	Z	10.867	5.5
30	MP3B	Mx	-.01	5.5
31	MP3C	X	5.185	.5
32	MP3C	Z	8.981	.5
33	MP3C	Mx	.003	.5
34	MP3C	X	5.185	5.5
35	MP3C	Z	8.981	5.5
36	MP3C	Mx	.003	5.5
37	MP2A	X	2.707	1.75
38	MP2A	Z	4.688	1.75
39	MP2A	Mx	-.001	1.75
40	MP2A	X	2.707	3.75
41	MP2A	Z	4.688	3.75
42	MP2A	Mx	-.001	3.75
43	MP2B	X	2.707	1.75
44	MP2B	Z	4.688	1.75
45	MP2B	Mx	-.001	1.75
46	MP2B	X	2.707	3.75
47	MP2B	Z	4.688	3.75
48	MP2B	Mx	-.001	3.75
49	MP2C	X	1.477	1.75
50	MP2C	Z	2.558	1.75
51	MP2C	Mx	.001	1.75
52	MP2C	X	1.477	3.75
53	MP2C	Z	2.558	3.75
54	MP2C	Mx	.001	3.75
55	MP3A	X	2.324	2.5
56	MP3A	Z	4.024	2.5
57	MP3A	Mx	.001	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3B	X	2.324	2.5
59	MP3B	Z	4.024	2.5
60	MP3B	Mx	.001	2.5
61	MP3C	X	1.792	2.5
62	MP3C	Z	3.103	2.5
63	MP3C	Mx	-.002	2.5
64	MP4A	X	2.285	2.5
65	MP4A	Z	3.958	2.5
66	MP4A	Mx	.001	2.5
67	MP4B	X	2.285	2.5
68	MP4B	Z	3.958	2.5
69	MP4B	Mx	.001	2.5
70	MP4C	X	1.657	2.5
71	MP4C	Z	2.87	2.5
72	MP4C	Mx	-.002	2.5
73	OVP	X	5.501	.5
74	OVP	Z	9.527	.5
75	OVP	Mx	0	.5
76	MP1C	X	3.65	1
77	MP1C	Z	6.323	1
78	MP1C	Mx	.004	1
79	MP1C	X	3.65	4.5
80	MP1C	Z	6.323	4.5
81	MP1C	Mx	.004	4.5
82	MP4C	X	3.65	1
83	MP4C	Z	6.323	1
84	MP4C	Mx	.004	1
85	MP4C	X	3.65	4.5
86	MP4C	Z	6.323	4.5
87	MP4C	Mx	.004	4.5
88	MP1A	X	4.037	1
89	MP1A	Z	6.993	1
90	MP1A	Mx	-.002	1
91	MP1A	X	4.037	4.5
92	MP1A	Z	6.993	4.5
93	MP1A	Mx	-.002	4.5
94	MP1B	X	4.037	1
95	MP1B	Z	6.993	1
96	MP1B	Mx	-.002	1
97	MP1B	X	4.037	4.5
98	MP1B	Z	6.993	4.5
99	MP1B	Mx	-.002	4.5
100	MP4A	X	4.037	1
101	MP4A	Z	6.993	1
102	MP4A	Mx	-.002	1
103	MP4A	X	4.037	4.5
104	MP4A	Z	6.993	4.5
105	MP4A	Mx	-.002	4.5
106	MP4B	X	4.037	1
107	MP4B	Z	6.993	1
108	MP4B	Mx	-.002	1
109	MP4B	X	4.037	4.5
110	MP4B	Z	6.993	4.5
111	MP4B	Mx	-.002	4.5

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

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

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	0	.5
2	MP3A	Z	13.408	.5
3	MP3A	Mx	-.009	.5
4	MP3A	X	0	5.5
5	MP3A	Z	13.408	5.5
6	MP3A	Mx	-.009	5.5
7	MP3B	X	0	.5
8	MP3B	Z	10.828	.5
9	MP3B	Mx	-.001	.5
10	MP3B	X	0	5.5
11	MP3B	Z	10.828	5.5
12	MP3B	Mx	-.001	5.5
13	MP3C	X	0	.5
14	MP3C	Z	11.987	.5
15	MP3C	Mx	.01	.5
16	MP3C	X	0	5.5
17	MP3C	Z	11.987	5.5
18	MP3C	Mx	.01	5.5
19	MP3A	X	0	.5
20	MP3A	Z	13.408	.5
21	MP3A	Mx	.009	.5
22	MP3A	X	0	5.5
23	MP3A	Z	13.408	5.5
24	MP3A	Mx	.009	5.5
25	MP3B	X	0	.5
26	MP3B	Z	10.828	.5
27	MP3B	Mx	-.008	.5
28	MP3B	X	0	5.5
29	MP3B	Z	10.828	5.5
30	MP3B	Mx	-.008	5.5
31	MP3C	X	0	.5
32	MP3C	Z	11.987	.5
33	MP3C	Mx	-.002	.5
34	MP3C	X	0	5.5
35	MP3C	Z	11.987	5.5
36	MP3C	Mx	-.002	5.5
37	MP2A	X	0	1.75
38	MP2A	Z	6.385	1.75
39	MP2A	Mx	0	1.75
40	MP2A	X	0	3.75
41	MP2A	Z	6.385	3.75
42	MP2A	Mx	0	3.75
43	MP2B	X	0	1.75
44	MP2B	Z	3.471	1.75
45	MP2B	Mx	-.002	1.75
46	MP2B	X	0	3.75
47	MP2B	Z	3.471	3.75
48	MP2B	Mx	-.002	3.75
49	MP2C	X	0	1.75
50	MP2C	Z	4.78	1.75
51	MP2C	Mx	.002	1.75
52	MP2C	X	0	3.75
53	MP2C	Z	4.78	3.75
54	MP2C	Mx	.002	3.75
55	MP3A	X	0	2.5
56	MP3A	Z	5.067	2.5
57	MP3A	Mx	0	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3B	X	0	2.5
59	MP3B	Z	3.807	2.5
60	MP3B	Mx	.002	2.5
61	MP3C	X	0	2.5
62	MP3C	Z	4.373	2.5
63	MP3C	Mx	-.001	2.5
64	MP4A	X	0	2.5
65	MP4A	Z	5.067	2.5
66	MP4A	Mx	0	2.5
67	MP4B	X	0	2.5
68	MP4B	Z	3.578	2.5
69	MP4B	Mx	.002	2.5
70	MP4C	X	0	2.5
71	MP4C	Z	4.247	2.5
72	MP4C	Mx	-.001	2.5
73	OVP	X	0	.5
74	OVP	Z	10.349	.5
75	OVP	Mx	0	.5
76	MP1C	X	0	1
77	MP1C	Z	7.559	1
78	MP1C	Mx	.003	1
79	MP1C	X	0	4.5
80	MP1C	Z	7.559	4.5
81	MP1C	Mx	.003	4.5
82	MP4C	X	0	1
83	MP4C	Z	7.559	1
84	MP4C	Mx	.003	1
85	MP4C	X	0	4.5
86	MP4C	Z	7.559	4.5
87	MP4C	Mx	.003	4.5
88	MP1A	X	0	1
89	MP1A	Z	8.332	1
90	MP1A	Mx	0	1
91	MP1A	X	0	4.5
92	MP1A	Z	8.332	4.5
93	MP1A	Mx	0	4.5
94	MP1B	X	0	1
95	MP1B	Z	7.559	1
96	MP1B	Mx	-.003	1
97	MP1B	X	0	4.5
98	MP1B	Z	7.559	4.5
99	MP1B	Mx	-.003	4.5
100	MP4A	X	0	1
101	MP4A	Z	8.332	1
102	MP4A	Mx	0	1
103	MP4A	X	0	4.5
104	MP4A	Z	8.332	4.5
105	MP4A	Mx	0	4.5
106	MP4B	X	0	1
107	MP4B	Z	7.559	1
108	MP4B	Mx	-.003	1
109	MP4B	X	0	4.5
110	MP4B	Z	7.559	4.5
111	MP4B	Mx	-.003	4.5

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

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

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-6.274	.5
2	MP3A	Z	10.867	.5
3	MP3A	Mx	-.004	.5
4	MP3A	X	-6.274	5.5
5	MP3A	Z	10.867	5.5
6	MP3A	Mx	-.004	5.5
7	MP3B	X	-4.984	.5
8	MP3B	Z	8.633	.5
9	MP3B	Mx	-.005	.5
10	MP3B	X	-4.984	5.5
11	MP3B	Z	8.633	5.5
12	MP3B	Mx	-.005	5.5
13	MP3C	X	-6.652	.5
14	MP3C	Z	11.522	.5
15	MP3C	Mx	.01	.5
16	MP3C	X	-6.652	5.5
17	MP3C	Z	11.522	5.5
18	MP3C	Mx	.01	5.5
19	MP3A	X	-6.274	.5
20	MP3A	Z	10.867	.5
21	MP3A	Mx	.01	.5
22	MP3A	X	-6.274	5.5
23	MP3A	Z	10.867	5.5
24	MP3A	Mx	.01	5.5
25	MP3B	X	-4.984	.5
26	MP3B	Z	8.633	.5
27	MP3B	Mx	-.005	.5
28	MP3B	X	-4.984	5.5
29	MP3B	Z	8.633	5.5
30	MP3B	Mx	-.005	5.5
31	MP3C	X	-6.652	.5
32	MP3C	Z	11.522	.5
33	MP3C	Mx	-.008	.5
34	MP3C	X	-6.652	5.5
35	MP3C	Z	11.522	5.5
36	MP3C	Mx	-.008	5.5
37	MP2A	X	-2.707	1.75
38	MP2A	Z	4.688	1.75
39	MP2A	Mx	.001	1.75
40	MP2A	X	-2.707	3.75
41	MP2A	Z	4.688	3.75
42	MP2A	Mx	.001	3.75
43	MP2B	X	-1.25	1.75
44	MP2B	Z	2.165	1.75
45	MP2B	Mx	-.001	1.75
46	MP2B	X	-1.25	3.75
47	MP2B	Z	2.165	3.75
48	MP2B	Mx	-.001	3.75
49	MP2C	X	-3.134	1.75
50	MP2C	Z	5.428	1.75
51	MP2C	Mx	.000544	1.75
52	MP2C	X	-3.134	3.75
53	MP2C	Z	5.428	3.75
54	MP2C	Mx	.000544	3.75
55	MP3A	X	-2.324	2.5
56	MP3A	Z	4.024	2.5
57	MP3A	Mx	-.001	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3B	X	-1.694	2.5
59	MP3B	Z	2.933	2.5
60	MP3B	Mx	.002	2.5
61	MP3C	X	-2.508	2.5
62	MP3C	Z	4.344	2.5
63	MP3C	Mx	-.000436	2.5
64	MP4A	X	-2.285	2.5
65	MP4A	Z	3.958	2.5
66	MP4A	Mx	-.001	2.5
67	MP4B	X	-1.541	2.5
68	MP4B	Z	2.669	2.5
69	MP4B	Mx	.002	2.5
70	MP4C	X	-2.504	2.5
71	MP4C	Z	4.336	2.5
72	MP4C	Mx	-.000434	2.5
73	OVP	X	-4.523	.5
74	OVP	Z	7.833	.5
75	OVP	Mx	0	.5
76	MP1C	X	-4.037	1
77	MP1C	Z	6.993	1
78	MP1C	Mx	.002	1
79	MP1C	X	-4.037	4.5
80	MP1C	Z	6.993	4.5
81	MP1C	Mx	.002	4.5
82	MP4C	X	-4.037	1
83	MP4C	Z	6.993	1
84	MP4C	Mx	.002	1
85	MP4C	X	-4.037	4.5
86	MP4C	Z	6.993	4.5
87	MP4C	Mx	.002	4.5
88	MP1A	X	-4.037	1
89	MP1A	Z	6.993	1
90	MP1A	Mx	.002	1
91	MP1A	X	-4.037	4.5
92	MP1A	Z	6.993	4.5
93	MP1A	Mx	.002	4.5
94	MP1B	X	-3.65	1
95	MP1B	Z	6.323	1
96	MP1B	Mx	-.004	1
97	MP1B	X	-3.65	4.5
98	MP1B	Z	6.323	4.5
99	MP1B	Mx	-.004	4.5
100	MP4A	X	-4.037	1
101	MP4A	Z	6.993	1
102	MP4A	Mx	.002	1
103	MP4A	X	-4.037	4.5
104	MP4A	Z	6.993	4.5
105	MP4A	Mx	.002	4.5
106	MP4B	X	-3.65	1
107	MP4B	Z	6.323	1
108	MP4B	Mx	-.004	1
109	MP4B	X	-3.65	4.5
110	MP4B	Z	6.323	4.5
111	MP4B	Mx	-.004	4.5

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

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

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-9.378	.5
2	MP3A	Z	5.414	.5
3	MP3A	Mx	.001	.5
4	MP3A	X	-9.378	5.5
5	MP3A	Z	5.414	5.5
6	MP3A	Mx	.001	5.5
7	MP3B	X	-9.378	.5
8	MP3B	Z	5.414	.5
9	MP3B	Mx	-.008	.5
10	MP3B	X	-9.378	5.5
11	MP3B	Z	5.414	5.5
12	MP3B	Mx	-.008	5.5
13	MP3C	X	-11.263	.5
14	MP3C	Z	6.503	.5
15	MP3C	Mx	.006	.5
16	MP3C	X	-11.263	5.5
17	MP3C	Z	6.503	5.5
18	MP3C	Mx	.006	5.5
19	MP3A	X	-9.378	.5
20	MP3A	Z	5.414	.5
21	MP3A	Mx	.008	.5
22	MP3A	X	-9.378	5.5
23	MP3A	Z	5.414	5.5
24	MP3A	Mx	.008	5.5
25	MP3B	X	-9.378	.5
26	MP3B	Z	5.414	.5
27	MP3B	Mx	-.001	.5
28	MP3B	X	-9.378	5.5
29	MP3B	Z	5.414	5.5
30	MP3B	Mx	-.001	5.5
31	MP3C	X	-11.263	.5
32	MP3C	Z	6.503	.5
33	MP3C	Mx	-.01	.5
34	MP3C	X	-11.263	5.5
35	MP3C	Z	6.503	5.5
36	MP3C	Mx	-.01	5.5
37	MP2A	X	-3.006	1.75
38	MP2A	Z	1.735	1.75
39	MP2A	Mx	.002	1.75
40	MP2A	X	-3.006	3.75
41	MP2A	Z	1.735	3.75
42	MP2A	Mx	.002	3.75
43	MP2B	X	-3.006	1.75
44	MP2B	Z	1.735	1.75
45	MP2B	Mx	-.002	1.75
46	MP2B	X	-3.006	3.75
47	MP2B	Z	1.735	3.75
48	MP2B	Mx	-.002	3.75
49	MP2C	X	-5.136	1.75
50	MP2C	Z	2.965	1.75
51	MP2C	Mx	-.001	1.75
52	MP2C	X	-5.136	3.75
53	MP2C	Z	2.965	3.75
54	MP2C	Mx	-.001	3.75
55	MP3A	X	-3.297	2.5
56	MP3A	Z	1.904	2.5
57	MP3A	Mx	-.002	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3B	X	-3.297	2.5
59	MP3B	Z	1.904	2.5
60	MP3B	Mx	.002	2.5
61	MP3C	X	-4.218	2.5
62	MP3C	Z	2.435	2.5
63	MP3C	Mx	.000833	2.5
64	MP4A	X	-3.099	2.5
65	MP4A	Z	1.789	2.5
66	MP4A	Mx	-.002	2.5
67	MP4B	X	-3.099	2.5
68	MP4B	Z	1.789	2.5
69	MP4B	Mx	.002	2.5
70	MP4C	X	-4.187	2.5
71	MP4C	Z	2.417	2.5
72	MP4C	Mx	.000827	2.5
73	OVP	X	-7.269	.5
74	OVP	Z	4.197	.5
75	OVP	Mx	0	.5
76	MP1C	X	-7.216	1
77	MP1C	Z	4.166	1
78	MP1C	Mx	0	1
79	MP1C	X	-7.216	4.5
80	MP1C	Z	4.166	4.5
81	MP1C	Mx	0	4.5
82	MP4C	X	-7.216	1
83	MP4C	Z	4.166	1
84	MP4C	Mx	0	1
85	MP4C	X	-7.216	4.5
86	MP4C	Z	4.166	4.5
87	MP4C	Mx	0	4.5
88	MP1A	X	-6.546	1
89	MP1A	Z	3.779	1
90	MP1A	Mx	.003	1
91	MP1A	X	-6.546	4.5
92	MP1A	Z	3.779	4.5
93	MP1A	Mx	.003	4.5
94	MP1B	X	-6.546	1
95	MP1B	Z	3.779	1
96	MP1B	Mx	-.003	1
97	MP1B	X	-6.546	4.5
98	MP1B	Z	3.779	4.5
99	MP1B	Mx	-.003	4.5
100	MP4A	X	-6.546	1
101	MP4A	Z	3.779	1
102	MP4A	Mx	.003	1
103	MP4A	X	-6.546	4.5
104	MP4A	Z	3.779	4.5
105	MP4A	Mx	.003	4.5
106	MP4B	X	-6.546	1
107	MP4B	Z	3.779	1
108	MP4B	Mx	-.003	1
109	MP4B	X	-6.546	4.5
110	MP4B	Z	3.779	4.5
111	MP4B	Mx	-.003	4.5

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	MP3A	X	-9.968	.5
2	MP3A	Z	0	.5
3	MP3A	Mx	.005	.5
4	MP3A	X	-9.968	5.5
5	MP3A	Z	0	5.5
6	MP3A	Mx	.005	5.5
7	MP3B	X	-12.548	.5
8	MP3B	Z	0	.5
9	MP3B	Mx	-.01	.5
10	MP3B	X	-12.548	5.5
11	MP3B	Z	0	5.5
12	MP3B	Mx	-.01	5.5
13	MP3C	X	-11.39	.5
14	MP3C	Z	0	.5
15	MP3C	Mx	.000518	.5
16	MP3C	X	-11.39	5.5
17	MP3C	Z	0	5.5
18	MP3C	Mx	.000518	5.5
19	MP3A	X	-9.968	.5
20	MP3A	Z	0	.5
21	MP3A	Mx	.005	.5
22	MP3A	X	-9.968	5.5
23	MP3A	Z	0	5.5
24	MP3A	Mx	.005	5.5
25	MP3B	X	-12.548	.5
26	MP3B	Z	0	.5
27	MP3B	Mx	.004	.5
28	MP3B	X	-12.548	5.5
29	MP3B	Z	0	5.5
30	MP3B	Mx	.004	5.5
31	MP3C	X	-11.39	.5
32	MP3C	Z	0	.5
33	MP3C	Mx	-.009	.5
34	MP3C	X	-11.39	5.5
35	MP3C	Z	0	5.5
36	MP3C	Mx	-.009	5.5
37	MP2A	X	-2.5	1.75
38	MP2A	Z	0	1.75
39	MP2A	Mx	.001	1.75
40	MP2A	X	-2.5	3.75
41	MP2A	Z	0	3.75
42	MP2A	Mx	.001	3.75
43	MP2B	X	-5.414	1.75
44	MP2B	Z	0	1.75
45	MP2B	Mx	-.001	1.75
46	MP2B	X	-5.414	3.75
47	MP2B	Z	0	3.75
48	MP2B	Mx	-.001	3.75
49	MP2C	X	-4.105	1.75
50	MP2C	Z	0	1.75
51	MP2C	Mx	-.002	1.75
52	MP2C	X	-4.105	3.75
53	MP2C	Z	0	3.75
54	MP2C	Mx	-.002	3.75
55	MP3A	X	-3.387	2.5
56	MP3A	Z	0	2.5
57	MP3A	Mx	-.002	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3B	X	-4.647	2.5
59	MP3B	Z	0	2.5
60	MP3B	Mx	.001	2.5
61	MP3C	X	-4.081	2.5
62	MP3C	Z	0	2.5
63	MP3C	Mx	.002	2.5
64	MP4A	X	-3.082	2.5
65	MP4A	Z	0	2.5
66	MP4A	Mx	-.002	2.5
67	MP4B	X	-4.571	2.5
68	MP4B	Z	0	2.5
69	MP4B	Mx	.001	2.5
70	MP4C	X	-3.902	2.5
71	MP4C	Z	0	2.5
72	MP4C	Mx	.001	2.5
73	OVP	X	-9.045	.5
74	OVP	Z	0	.5
75	OVP	Mx	0	.5
76	MP1C	X	-8.074	1
77	MP1C	Z	0	1
78	MP1C	Mx	-.002	1
79	MP1C	X	-8.074	4.5
80	MP1C	Z	0	4.5
81	MP1C	Mx	-.002	4.5
82	MP4C	X	-8.074	1
83	MP4C	Z	0	1
84	MP4C	Mx	-.002	1
85	MP4C	X	-8.074	4.5
86	MP4C	Z	0	4.5
87	MP4C	Mx	-.002	4.5
88	MP1A	X	-7.301	1
89	MP1A	Z	0	1
90	MP1A	Mx	.004	1
91	MP1A	X	-7.301	4.5
92	MP1A	Z	0	4.5
93	MP1A	Mx	.004	4.5
94	MP1B	X	-8.074	1
95	MP1B	Z	0	1
96	MP1B	Mx	-.002	1
97	MP1B	X	-8.074	4.5
98	MP1B	Z	0	4.5
99	MP1B	Mx	-.002	4.5
100	MP4A	X	-7.301	1
101	MP4A	Z	0	1
102	MP4A	Mx	.004	1
103	MP4A	X	-7.301	4.5
104	MP4A	Z	0	4.5
105	MP4A	Mx	.004	4.5
106	MP4B	X	-8.074	1
107	MP4B	Z	0	1
108	MP4B	Mx	-.002	1
109	MP4B	X	-8.074	4.5
110	MP4B	Z	0	4.5
111	MP4B	Mx	-.002	4.5

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

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

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-9.378	.5
2	MP3A	Z	-5.414	.5
3	MP3A	Mx	.008	.5
4	MP3A	X	-9.378	5.5
5	MP3A	Z	-5.414	5.5
6	MP3A	Mx	.008	5.5
7	MP3B	X	-11.612	.5
8	MP3B	Z	-6.704	.5
9	MP3B	Mx	-.009	.5
10	MP3B	X	-11.612	5.5
11	MP3B	Z	-6.704	5.5
12	MP3B	Mx	-.009	5.5
13	MP3C	X	-8.723	.5
14	MP3C	Z	-5.036	.5
15	MP3C	Mx	-.004	.5
16	MP3C	X	-8.723	5.5
17	MP3C	Z	-5.036	5.5
18	MP3C	Mx	-.004	5.5
19	MP3A	X	-9.378	.5
20	MP3A	Z	-5.414	.5
21	MP3A	Mx	.001	.5
22	MP3A	X	-9.378	5.5
23	MP3A	Z	-5.414	5.5
24	MP3A	Mx	.001	5.5
25	MP3B	X	-11.612	.5
26	MP3B	Z	-6.704	.5
27	MP3B	Mx	.009	.5
28	MP3B	X	-11.612	5.5
29	MP3B	Z	-6.704	5.5
30	MP3B	Mx	.009	5.5
31	MP3C	X	-8.723	.5
32	MP3C	Z	-5.036	.5
33	MP3C	Mx	-.006	.5
34	MP3C	X	-8.723	5.5
35	MP3C	Z	-5.036	5.5
36	MP3C	Mx	-.006	5.5
37	MP2A	X	-3.006	1.75
38	MP2A	Z	-1.735	1.75
39	MP2A	Mx	.002	1.75
40	MP2A	X	-3.006	3.75
41	MP2A	Z	-1.735	3.75
42	MP2A	Mx	.002	3.75
43	MP2B	X	-5.529	1.75
44	MP2B	Z	-3.192	1.75
45	MP2B	Mx	0	1.75
46	MP2B	X	-5.529	3.75
47	MP2B	Z	-3.192	3.75
48	MP2B	Mx	0	3.75
49	MP2C	X	-2.266	1.75
50	MP2C	Z	-1.308	1.75
51	MP2C	Mx	-.001	1.75
52	MP2C	X	-2.266	3.75
53	MP2C	Z	-1.308	3.75
54	MP2C	Mx	-.001	3.75
55	MP3A	X	-3.297	2.5
56	MP3A	Z	-1.904	2.5
57	MP3A	Mx	-.002	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3B	X	-4.388	2.5
59	MP3B	Z	-2.534	2.5
60	MP3B	Mx	0	2.5
61	MP3C	X	-2.977	2.5
62	MP3C	Z	-1.719	2.5
63	MP3C	Mx	.002	2.5
64	MP4A	X	-3.099	2.5
65	MP4A	Z	-1.789	2.5
66	MP4A	Mx	-.002	2.5
67	MP4B	X	-4.388	2.5
68	MP4B	Z	-2.534	2.5
69	MP4B	Mx	0	2.5
70	MP4C	X	-2.721	2.5
71	MP4C	Z	-1.571	2.5
72	MP4C	Mx	.002	2.5
73	OVP	X	-8.963	.5
74	OVP	Z	-5.175	.5
75	OVP	Mx	0	.5
76	MP1C	X	-6.546	1
77	MP1C	Z	-3.779	1
78	MP1C	Mx	-.003	1
79	MP1C	X	-6.546	4.5
80	MP1C	Z	-3.779	4.5
81	MP1C	Mx	-.003	4.5
82	MP4C	X	-6.546	1
83	MP4C	Z	-3.779	1
84	MP4C	Mx	-.003	1
85	MP4C	X	-6.546	4.5
86	MP4C	Z	-3.779	4.5
87	MP4C	Mx	-.003	4.5
88	MP1A	X	-6.546	1
89	MP1A	Z	-3.779	1
90	MP1A	Mx	.003	1
91	MP1A	X	-6.546	4.5
92	MP1A	Z	-3.779	4.5
93	MP1A	Mx	.003	4.5
94	MP1B	X	-7.216	1
95	MP1B	Z	-4.166	1
96	MP1B	Mx	0	1
97	MP1B	X	-7.216	4.5
98	MP1B	Z	-4.166	4.5
99	MP1B	Mx	0	4.5
100	MP4A	X	-6.546	1
101	MP4A	Z	-3.779	1
102	MP4A	Mx	.003	1
103	MP4A	X	-6.546	4.5
104	MP4A	Z	-3.779	4.5
105	MP4A	Mx	.003	4.5
106	MP4B	X	-7.216	1
107	MP4B	Z	-4.166	1
108	MP4B	Mx	0	1
109	MP4B	X	-7.216	4.5
110	MP4B	Z	-4.166	4.5
111	MP4B	Mx	0	4.5

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

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

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-6.274	.5
2	MP3A	Z	-10.867	.5
3	MP3A	Mx	.01	.5
4	MP3A	X	-6.274	5.5
5	MP3A	Z	-10.867	5.5
6	MP3A	Mx	.01	5.5
7	MP3B	X	-6.274	.5
8	MP3B	Z	-10.867	.5
9	MP3B	Mx	-.004	.5
10	MP3B	X	-6.274	5.5
11	MP3B	Z	-10.867	5.5
12	MP3B	Mx	-.004	5.5
13	MP3C	X	-5.185	.5
14	MP3C	Z	-8.981	.5
15	MP3C	Mx	-.007	.5
16	MP3C	X	-5.185	5.5
17	MP3C	Z	-8.981	5.5
18	MP3C	Mx	-.007	5.5
19	MP3A	X	-6.274	.5
20	MP3A	Z	-10.867	.5
21	MP3A	Mx	-.004	.5
22	MP3A	X	-6.274	5.5
23	MP3A	Z	-10.867	5.5
24	MP3A	Mx	-.004	5.5
25	MP3B	X	-6.274	.5
26	MP3B	Z	-10.867	.5
27	MP3B	Mx	.01	.5
28	MP3B	X	-6.274	5.5
29	MP3B	Z	-10.867	5.5
30	MP3B	Mx	.01	5.5
31	MP3C	X	-5.185	.5
32	MP3C	Z	-8.981	.5
33	MP3C	Mx	-.003	.5
34	MP3C	X	-5.185	5.5
35	MP3C	Z	-8.981	5.5
36	MP3C	Mx	-.003	5.5
37	MP2A	X	-2.707	1.75
38	MP2A	Z	-4.688	1.75
39	MP2A	Mx	.001	1.75
40	MP2A	X	-2.707	3.75
41	MP2A	Z	-4.688	3.75
42	MP2A	Mx	.001	3.75
43	MP2B	X	-2.707	1.75
44	MP2B	Z	-4.688	1.75
45	MP2B	Mx	.001	1.75
46	MP2B	X	-2.707	3.75
47	MP2B	Z	-4.688	3.75
48	MP2B	Mx	.001	3.75
49	MP2C	X	-1.477	1.75
50	MP2C	Z	-2.558	1.75
51	MP2C	Mx	-.001	1.75
52	MP2C	X	-1.477	3.75
53	MP2C	Z	-2.558	3.75
54	MP2C	Mx	-.001	3.75
55	MP3A	X	-2.324	2.5
56	MP3A	Z	-4.024	2.5
57	MP3A	Mx	-.001	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3B	X	-2.324	2.5
59	MP3B	Z	-4.024	2.5
60	MP3B	Mx	-.001	2.5
61	MP3C	X	-1.792	2.5
62	MP3C	Z	-3.103	2.5
63	MP3C	Mx	.002	2.5
64	MP4A	X	-2.285	2.5
65	MP4A	Z	-3.958	2.5
66	MP4A	Mx	-.001	2.5
67	MP4B	X	-2.285	2.5
68	MP4B	Z	-3.958	2.5
69	MP4B	Mx	-.001	2.5
70	MP4C	X	-1.657	2.5
71	MP4C	Z	-2.87	2.5
72	MP4C	Mx	.002	2.5
73	OVP	X	-5.501	.5
74	OVP	Z	-9.527	.5
75	OVP	Mx	0	.5
76	MP1C	X	-3.65	1
77	MP1C	Z	-6.323	1
78	MP1C	Mx	-.004	1
79	MP1C	X	-3.65	4.5
80	MP1C	Z	-6.323	4.5
81	MP1C	Mx	-.004	4.5
82	MP4C	X	-3.65	1
83	MP4C	Z	-6.323	1
84	MP4C	Mx	-.004	1
85	MP4C	X	-3.65	4.5
86	MP4C	Z	-6.323	4.5
87	MP4C	Mx	-.004	4.5
88	MP1A	X	-4.037	1
89	MP1A	Z	-6.993	1
90	MP1A	Mx	.002	1
91	MP1A	X	-4.037	4.5
92	MP1A	Z	-6.993	4.5
93	MP1A	Mx	.002	4.5
94	MP1B	X	-4.037	1
95	MP1B	Z	-6.993	1
96	MP1B	Mx	.002	1
97	MP1B	X	-4.037	4.5
98	MP1B	Z	-6.993	4.5
99	MP1B	Mx	.002	4.5
100	MP4A	X	-4.037	1
101	MP4A	Z	-6.993	1
102	MP4A	Mx	.002	1
103	MP4A	X	-4.037	4.5
104	MP4A	Z	-6.993	4.5
105	MP4A	Mx	.002	4.5
106	MP4B	X	-4.037	1
107	MP4B	Z	-6.993	1
108	MP4B	Mx	.002	1
109	MP4B	X	-4.037	4.5
110	MP4B	Z	-6.993	4.5
111	MP4B	Mx	.002	4.5

Member Point Loads (BLC 77 : Lm1)

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

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	LIVE1	Y	-500	0

Member Point Loads (BLC 78 : Lm2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	LIVE2	Y	-500	0

Member Point Loads (BLC 79 : Lv1)

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

Member Point Loads (BLC 80 : Lv2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	FACE	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	FACE	Y	-6.661	-6.661	0	%100
2	M4	Y	-9.739	-9.739	0	%100
3	M10	Y	-9.739	-9.739	0	%100
4	MP1A	Y	-5.056	-5.056	0	%100
5	M43	Y	-9.739	-9.739	0	%100
6	M46	Y	-10.259	-10.259	0	%100
7	M51B	Y	-5.703	-5.703	0	%100
8	M52B	Y	-5.703	-5.703	0	%100
9	M76	Y	-10.246	-10.246	0	%100
10	M77	Y	-10.246	-10.246	0	%100
11	M80	Y	-10.259	-10.259	0	%100
12	M84	Y	-10.246	-10.246	0	%100
13	M85	Y	-10.246	-10.246	0	%100
14	M91	Y	-10.259	-10.259	0	%100
15	M52A	Y	-9.739	-9.739	0	%100
16	M53	Y	-9.739	-9.739	0	%100
17	M54	Y	-9.739	-9.739	0	%100
18	M55	Y	-10.259	-10.259	0	%100
19	M58A	Y	-5.703	-5.703	0	%100
20	M59A	Y	-5.703	-5.703	0	%100
21	M63	Y	-10.246	-10.246	0	%100
22	M64	Y	-10.246	-10.246	0	%100
23	M66	Y	-10.259	-10.259	0	%100
24	M68	Y	-10.246	-10.246	0	%100
25	M69	Y	-10.246	-10.246	0	%100
26	M71	Y	-10.259	-10.259	0	%100
27	M76A	Y	-9.739	-9.739	0	%100
28	M77A	Y	-9.739	-9.739	0	%100
29	M78	Y	-9.739	-9.739	0	%100
30	M79A	Y	-10.259	-10.259	0	%100
31	M82	Y	-5.703	-5.703	0	%100
32	M83A	Y	-5.703	-5.703	0	%100
33	M87	Y	-10.246	-10.246	0	%100
34	M88A	Y	-10.246	-10.246	0	%100
35	M90	Y	-10.259	-10.259	0	%100
36	M92A	Y	-10.246	-10.246	0	%100
37	M93	Y	-10.246	-10.246	0	%100
38	M95	Y	-10.259	-10.259	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,%]
39	M76B	Y	-6.661	-6.661	0	%100
40	M77B	Y	-6.661	-6.661	0	%100
41	MP2A	Y	-5.056	-5.056	0	%100
42	MP3A	Y	-5.77	-5.77	0	%100
43	MP4A	Y	-5.056	-5.056	0	%100
44	MP1C	Y	-5.056	-5.056	0	%100
45	MP4C	Y	-5.056	-5.056	0	%100
46	MP1B	Y	-5.056	-5.056	0	%100
47	MP4B	Y	-5.056	-5.056	0	%100
48	MP2C	Y	-5.056	-5.056	0	%100
49	MP3C	Y	-5.77	-5.77	0	%100
50	MP2B	Y	-5.056	-5.056	0	%100
51	MP3B	Y	-5.77	-5.77	0	%100
52	OVP	Y	-5.056	-5.056	0	%100
53	M102	Y	-5.77	-5.77	0	%100
54	M107	Y	-5.77	-5.77	0	%100
55	M112	Y	-5.77	-5.77	0	%100
56	M123	Y	-7.721	-7.721	0	%100
57	M124	Y	-7.721	-7.721	0	%100
58	M125	Y	-7.721	-7.721	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	FACE	X	0	0	0	%100
2	FACE	Z	-15.017	-15.017	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	-14.151	-14.151	0	%100
7	MP1A	X	0	0	0	%100
8	MP1A	Z	-11.173	-11.173	0	%100
9	M43	X	0	0	0	%100
10	M43	Z	-14.151	-14.151	0	%100
11	M46	X	0	0	0	%100
12	M46	Z	-28.226	-28.226	0	%100
13	M51B	X	0	0	0	%100
14	M51B	Z	-3.918	-3.918	0	%100
15	M52B	X	0	0	0	%100
16	M52B	Z	-3.918	-3.918	0	%100
17	M76	X	0	0	0	%100
18	M76	Z	0	0	0	%100
19	M77	X	0	0	0	%100
20	M77	Z	-7.187	-7.187	0	%100
21	M80	X	0	0	0	%100
22	M80	Z	-7.57	-7.57	0	%100
23	M84	X	0	0	0	%100
24	M84	Z	0	0	0	%100
25	M85	X	0	0	0	%100
26	M85	Z	-7.187	-7.187	0	%100
27	M91	X	0	0	0	%100
28	M91	Z	-7.57	-7.57	0	%100
29	M52A	X	0	0	0	%100
30	M52A	Z	-12.543	-12.543	0	%100
31	M53	X	0	0	0	%100
32	M53	Z	-3.538	-3.538	0	%100
33	M54	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,%]
34	M54	Z	-3.538	-3.538	0	%100
35	M55	X	0	0	0	%100
36	M55	Z	-7.056	-7.056	0	%100
37	M58A	X	0	0	0	%100
38	M58A	Z	-3.918	-3.918	0	%100
39	M59A	X	0	0	0	%100
40	M59A	Z	-15.673	-15.673	0	%100
41	M63	X	0	0	0	%100
42	M63	Z	-21.169	-21.169	0	%100
43	M64	X	0	0	0	%100
44	M64	Z	-7.187	-7.187	0	%100
45	M66	X	0	0	0	%100
46	M66	Z	-7.57	-7.57	0	%100
47	M68	X	0	0	0	%100
48	M68	Z	-21.169	-21.169	0	%100
49	M69	X	0	0	0	%100
50	M69	Z	-28.748	-28.748	0	%100
51	M71	X	0	0	0	%100
52	M71	Z	-30.28	-30.28	0	%100
53	M76A	X	0	0	0	%100
54	M76A	Z	-12.543	-12.543	0	%100
55	M77A	X	0	0	0	%100
56	M77A	Z	-3.538	-3.538	0	%100
57	M78	X	0	0	0	%100
58	M78	Z	-3.538	-3.538	0	%100
59	M79A	X	0	0	0	%100
60	M79A	Z	-7.056	-7.056	0	%100
61	M82	X	0	0	0	%100
62	M82	Z	-15.673	-15.673	0	%100
63	M83A	X	0	0	0	%100
64	M83A	Z	-3.918	-3.918	0	%100
65	M87	X	0	0	0	%100
66	M87	Z	-21.169	-21.169	0	%100
67	M88A	X	0	0	0	%100
68	M88A	Z	-28.748	-28.748	0	%100
69	M90	X	0	0	0	%100
70	M90	Z	-30.28	-30.28	0	%100
71	M92A	X	0	0	0	%100
72	M92A	Z	-21.169	-21.169	0	%100
73	M93	X	0	0	0	%100
74	M93	Z	-7.187	-7.187	0	%100
75	M95	X	0	0	0	%100
76	M95	Z	-7.57	-7.57	0	%100
77	M76B	X	0	0	0	%100
78	M76B	Z	-3.754	-3.754	0	%100
79	M77B	X	0	0	0	%100
80	M77B	Z	-3.754	-3.754	0	%100
81	MP2A	X	0	0	0	%100
82	MP2A	Z	-11.173	-11.173	0	%100
83	MP3A	X	0	0	0	%100
84	MP3A	Z	-13.525	-13.525	0	%100
85	MP4A	X	0	0	0	%100
86	MP4A	Z	-11.173	-11.173	0	%100
87	MP1C	X	0	0	0	%100
88	MP1C	Z	-11.173	-11.173	0	%100
89	MP4C	X	0	0	0	%100
90	MP4C	Z	-11.173	-11.173	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,%]
91	MP1B	X	0	0	0	%100
92	MP1B	Z	-11.173	-11.173	0	%100
93	MP4B	X	0	0	0	%100
94	MP4B	Z	-11.173	-11.173	0	%100
95	MP2C	X	0	0	0	%100
96	MP2C	Z	-11.173	-11.173	0	%100
97	MP3C	X	0	0	0	%100
98	MP3C	Z	-13.525	-13.525	0	%100
99	MP2B	X	0	0	0	%100
100	MP2B	Z	-11.173	-11.173	0	%100
101	MP3B	X	0	0	0	%100
102	MP3B	Z	-13.525	-13.525	0	%100
103	OVP	X	0	0	0	%100
104	OVP	Z	-9.136	-9.136	0	%100
105	M102	X	0	0	0	%100
106	M102	Z	-13.525	-13.525	0	%100
107	M107	X	0	0	0	%100
108	M107	Z	-3.381	-3.381	0	%100
109	M112	X	0	0	0	%100
110	M112	Z	-3.381	-3.381	0	%100
111	M123	X	0	0	0	%100
112	M123	Z	-4.238	-4.238	0	%100
113	M124	X	0	0	0	%100
114	M124	Z	-4.238	-4.238	0	%100
115	M125	X	0	0	0	%100
116	M125	Z	-16.953	-16.953	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	FACE	X	5.632	5.632	0	%100
2	FACE	Z	-9.754	-9.754	0	%100
3	M4	X	2.09	2.09	0	%100
4	M4	Z	-3.621	-3.621	0	%100
5	M10	X	5.307	5.307	0	%100
6	M10	Z	-9.191	-9.191	0	%100
7	MP1A	X	5.586	5.586	0	%100
8	MP1A	Z	-9.676	-9.676	0	%100
9	M43	X	5.307	5.307	0	%100
10	M43	Z	-9.191	-9.191	0	%100
11	M46	X	10.585	10.585	0	%100
12	M46	Z	-18.333	-18.333	0	%100
13	M51B	X	5.877	5.877	0	%100
14	M51B	Z	-10.18	-10.18	0	%100
15	M52B	X	0	0	0	%100
16	M52B	Z	0	0	0	%100
17	M76	X	3.528	3.528	0	%100
18	M76	Z	-6.111	-6.111	0	%100
19	M77	X	10.781	10.781	0	%100
20	M77	Z	-18.673	-18.673	0	%100
21	M80	X	11.355	11.355	0	%100
22	M80	Z	-19.667	-19.667	0	%100
23	M84	X	3.528	3.528	0	%100
24	M84	Z	-6.111	-6.111	0	%100
25	M85	X	0	0	0	%100
26	M85	Z	0	0	0	%100
27	M91	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
28	M91	Z	0	0	0	%100
29	M52A	X	2.09	2.09	0	%100
30	M52A	Z	-3.621	-3.621	0	%100
31	M53	X	5.307	5.307	0	%100
32	M53	Z	-9.191	-9.191	0	%100
33	M54	X	5.307	5.307	0	%100
34	M54	Z	-9.191	-9.191	0	%100
35	M55	X	10.585	10.585	0	%100
36	M55	Z	-18.333	-18.333	0	%100
37	M58A	X	0	0	0	%100
38	M58A	Z	0	0	0	%100
39	M59A	X	5.877	5.877	0	%100
40	M59A	Z	-10.18	-10.18	0	%100
41	M63	X	3.528	3.528	0	%100
42	M63	Z	-6.111	-6.111	0	%100
43	M64	X	0	0	0	%100
44	M64	Z	0	0	0	%100
45	M66	X	0	0	0	%100
46	M66	Z	0	0	0	%100
47	M68	X	3.528	3.528	0	%100
48	M68	Z	-6.111	-6.111	0	%100
49	M69	X	10.781	10.781	0	%100
50	M69	Z	-18.673	-18.673	0	%100
51	M71	X	11.355	11.355	0	%100
52	M71	Z	-19.667	-19.667	0	%100
53	M76A	X	8.362	8.362	0	%100
54	M76A	Z	-14.483	-14.483	0	%100
55	M77A	X	0	0	0	%100
56	M77A	Z	0	0	0	%100
57	M78	X	0	0	0	%100
58	M78	Z	0	0	0	%100
59	M79A	X	0	0	0	%100
60	M79A	Z	0	0	0	%100
61	M82	X	5.877	5.877	0	%100
62	M82	Z	-10.18	-10.18	0	%100
63	M83A	X	5.877	5.877	0	%100
64	M83A	Z	-10.18	-10.18	0	%100
65	M87	X	14.113	14.113	0	%100
66	M87	Z	-24.444	-24.444	0	%100
67	M88A	X	10.781	10.781	0	%100
68	M88A	Z	-18.673	-18.673	0	%100
69	M90	X	11.355	11.355	0	%100
70	M90	Z	-19.667	-19.667	0	%100
71	M92A	X	14.113	14.113	0	%100
72	M92A	Z	-24.444	-24.444	0	%100
73	M93	X	10.781	10.781	0	%100
74	M93	Z	-18.673	-18.673	0	%100
75	M95	X	11.355	11.355	0	%100
76	M95	Z	-19.667	-19.667	0	%100
77	M76B	X	5.632	5.632	0	%100
78	M76B	Z	-9.754	-9.754	0	%100
79	M77B	X	0	0	0	%100
80	M77B	Z	0	0	0	%100
81	MP2A	X	5.586	5.586	0	%100
82	MP2A	Z	-9.676	-9.676	0	%100
83	MP3A	X	6.762	6.762	0	%100
84	MP3A	Z	-11.713	-11.713	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,%]
85	MP4A	X	5.586	5.586	0	%100
86	MP4A	Z	-9.676	-9.676	0	%100
87	MP1C	X	5.586	5.586	0	%100
88	MP1C	Z	-9.676	-9.676	0	%100
89	MP4C	X	5.586	5.586	0	%100
90	MP4C	Z	-9.676	-9.676	0	%100
91	MP1B	X	5.586	5.586	0	%100
92	MP1B	Z	-9.676	-9.676	0	%100
93	MP4B	X	5.586	5.586	0	%100
94	MP4B	Z	-9.676	-9.676	0	%100
95	MP2C	X	5.586	5.586	0	%100
96	MP2C	Z	-9.676	-9.676	0	%100
97	MP3C	X	6.762	6.762	0	%100
98	MP3C	Z	-11.713	-11.713	0	%100
99	MP2B	X	5.586	5.586	0	%100
100	MP2B	Z	-9.676	-9.676	0	%100
101	MP3B	X	6.762	6.762	0	%100
102	MP3B	Z	-11.713	-11.713	0	%100
103	OVP	X	4.568	4.568	0	%100
104	OVP	Z	-7.912	-7.912	0	%100
105	M102	X	5.072	5.072	0	%100
106	M102	Z	-8.785	-8.785	0	%100
107	M107	X	5.072	5.072	0	%100
108	M107	Z	-8.785	-8.785	0	%100
109	M112	X	0	0	0	%100
110	M112	Z	0	0	0	%100
111	M123	X	6.357	6.357	0	%100
112	M123	Z	-11.011	-11.011	0	%100
113	M124	X	0	0	0	%100
114	M124	Z	0	0	0	%100
115	M125	X	6.357	6.357	0	%100
116	M125	Z	-11.011	-11.011	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	FACE	X	3.251	3.251	0	%100
2	FACE	Z	-1.877	-1.877	0	%100
3	M4	X	10.862	10.862	0	%100
4	M4	Z	-6.271	-6.271	0	%100
5	M10	X	3.064	3.064	0	%100
6	M10	Z	-1.769	-1.769	0	%100
7	MP1A	X	9.676	9.676	0	%100
8	MP1A	Z	-5.586	-5.586	0	%100
9	M43	X	3.064	3.064	0	%100
10	M43	Z	-1.769	-1.769	0	%100
11	M46	X	6.111	6.111	0	%100
12	M46	Z	-3.528	-3.528	0	%100
13	M51B	X	13.573	13.573	0	%100
14	M51B	Z	-7.837	-7.837	0	%100
15	M52B	X	3.393	3.393	0	%100
16	M52B	Z	-1.959	-1.959	0	%100
17	M76	X	18.333	18.333	0	%100
18	M76	Z	-10.585	-10.585	0	%100
19	M77	X	24.897	24.897	0	%100
20	M77	Z	-14.374	-14.374	0	%100
21	M80	X	26.223	26.223	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,%]
22	M80	Z	-15.14	-15.14	0	%100
23	M84	X	18.333	18.333	0	%100
24	M84	Z	-10.585	-10.585	0	%100
25	M85	X	6.224	6.224	0	%100
26	M85	Z	-3.594	-3.594	0	%100
27	M91	X	6.556	6.556	0	%100
28	M91	Z	-3.785	-3.785	0	%100
29	M52A	X	0	0	0	%100
30	M52A	Z	0	0	0	%100
31	M53	X	12.255	12.255	0	%100
32	M53	Z	-7.075	-7.075	0	%100
33	M54	X	12.255	12.255	0	%100
34	M54	Z	-7.075	-7.075	0	%100
35	M55	X	24.444	24.444	0	%100
36	M55	Z	-14.113	-14.113	0	%100
37	M58A	X	3.393	3.393	0	%100
38	M58A	Z	-1.959	-1.959	0	%100
39	M59A	X	3.393	3.393	0	%100
40	M59A	Z	-1.959	-1.959	0	%100
41	M63	X	0	0	0	%100
42	M63	Z	0	0	0	%100
43	M64	X	6.224	6.224	0	%100
44	M64	Z	-3.594	-3.594	0	%100
45	M66	X	6.556	6.556	0	%100
46	M66	Z	-3.785	-3.785	0	%100
47	M68	X	0	0	0	%100
48	M68	Z	0	0	0	%100
49	M69	X	6.224	6.224	0	%100
50	M69	Z	-3.594	-3.594	0	%100
51	M71	X	6.556	6.556	0	%100
52	M71	Z	-3.785	-3.785	0	%100
53	M76A	X	10.862	10.862	0	%100
54	M76A	Z	-6.271	-6.271	0	%100
55	M77A	X	3.064	3.064	0	%100
56	M77A	Z	-1.769	-1.769	0	%100
57	M78	X	3.064	3.064	0	%100
58	M78	Z	-1.769	-1.769	0	%100
59	M79A	X	6.111	6.111	0	%100
60	M79A	Z	-3.528	-3.528	0	%100
61	M82	X	3.393	3.393	0	%100
62	M82	Z	-1.959	-1.959	0	%100
63	M83A	X	13.573	13.573	0	%100
64	M83A	Z	-7.837	-7.837	0	%100
65	M87	X	18.333	18.333	0	%100
66	M87	Z	-10.585	-10.585	0	%100
67	M88A	X	6.224	6.224	0	%100
68	M88A	Z	-3.594	-3.594	0	%100
69	M90	X	6.556	6.556	0	%100
70	M90	Z	-3.785	-3.785	0	%100
71	M92A	X	18.333	18.333	0	%100
72	M92A	Z	-10.585	-10.585	0	%100
73	M93	X	24.897	24.897	0	%100
74	M93	Z	-14.374	-14.374	0	%100
75	M95	X	26.223	26.223	0	%100
76	M95	Z	-15.14	-15.14	0	%100
77	M76B	X	13.005	13.005	0	%100
78	M76B	Z	-7.509	-7.509	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,%]
79	M77B	X	3.251	3.251	0	%100
80	M77B	Z	-1.877	-1.877	0	%100
81	MP2A	X	9.676	9.676	0	%100
82	MP2A	Z	-5.586	-5.586	0	%100
83	MP3A	X	11.713	11.713	0	%100
84	MP3A	Z	-6.762	-6.762	0	%100
85	MP4A	X	9.676	9.676	0	%100
86	MP4A	Z	-5.586	-5.586	0	%100
87	MP1C	X	9.676	9.676	0	%100
88	MP1C	Z	-5.586	-5.586	0	%100
89	MP4C	X	9.676	9.676	0	%100
90	MP4C	Z	-5.586	-5.586	0	%100
91	MP1B	X	9.676	9.676	0	%100
92	MP1B	Z	-5.586	-5.586	0	%100
93	MP4B	X	9.676	9.676	0	%100
94	MP4B	Z	-5.586	-5.586	0	%100
95	MP2C	X	9.676	9.676	0	%100
96	MP2C	Z	-5.586	-5.586	0	%100
97	MP3C	X	11.713	11.713	0	%100
98	MP3C	Z	-6.762	-6.762	0	%100
99	MP2B	X	9.676	9.676	0	%100
100	MP2B	Z	-5.586	-5.586	0	%100
101	MP3B	X	11.713	11.713	0	%100
102	MP3B	Z	-6.762	-6.762	0	%100
103	OVP	X	7.912	7.912	0	%100
104	OVP	Z	-4.568	-4.568	0	%100
105	M102	X	2.928	2.928	0	%100
106	M102	Z	-1.691	-1.691	0	%100
107	M107	X	11.713	11.713	0	%100
108	M107	Z	-6.762	-6.762	0	%100
109	M112	X	2.928	2.928	0	%100
110	M112	Z	-1.691	-1.691	0	%100
111	M123	X	14.682	14.682	0	%100
112	M123	Z	-8.477	-8.477	0	%100
113	M124	X	3.67	3.67	0	%100
114	M124	Z	-2.119	-2.119	0	%100
115	M125	X	3.67	3.67	0	%100
116	M125	Z	-2.119	-2.119	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	FACE	X	0	0	0	%100
2	FACE	Z	0	0	0	%100
3	M4	X	16.724	16.724	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	MP1A	X	11.173	11.173	0	%100
8	MP1A	Z	0	0	0	%100
9	M43	X	0	0	0	%100
10	M43	Z	0	0	0	%100
11	M46	X	0	0	0	%100
12	M46	Z	0	0	0	%100
13	M51B	X	11.755	11.755	0	%100
14	M51B	Z	0	0	0	%100
15	M52B	X	11.755	11.755	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,%]
16	M52B	Z	0	0	0	%100
17	M76	X	28.226	28.226	0	%100
18	M76	Z	0	0	0	%100
19	M77	X	21.561	21.561	0	%100
20	M77	Z	0	0	0	%100
21	M80	X	22.71	22.71	0	%100
22	M80	Z	0	0	0	%100
23	M84	X	28.226	28.226	0	%100
24	M84	Z	0	0	0	%100
25	M85	X	21.561	21.561	0	%100
26	M85	Z	0	0	0	%100
27	M91	X	22.71	22.71	0	%100
28	M91	Z	0	0	0	%100
29	M52A	X	4.181	4.181	0	%100
30	M52A	Z	0	0	0	%100
31	M53	X	10.613	10.613	0	%100
32	M53	Z	0	0	0	%100
33	M54	X	10.613	10.613	0	%100
34	M54	Z	0	0	0	%100
35	M55	X	21.169	21.169	0	%100
36	M55	Z	0	0	0	%100
37	M58A	X	11.755	11.755	0	%100
38	M58A	Z	0	0	0	%100
39	M59A	X	0	0	0	%100
40	M59A	Z	0	0	0	%100
41	M63	X	7.056	7.056	0	%100
42	M63	Z	0	0	0	%100
43	M64	X	21.561	21.561	0	%100
44	M64	Z	0	0	0	%100
45	M66	X	22.71	22.71	0	%100
46	M66	Z	0	0	0	%100
47	M68	X	7.056	7.056	0	%100
48	M68	Z	0	0	0	%100
49	M69	X	0	0	0	%100
50	M69	Z	0	0	0	%100
51	M71	X	0	0	0	%100
52	M71	Z	0	0	0	%100
53	M76A	X	4.181	4.181	0	%100
54	M76A	Z	0	0	0	%100
55	M77A	X	10.613	10.613	0	%100
56	M77A	Z	0	0	0	%100
57	M78	X	10.613	10.613	0	%100
58	M78	Z	0	0	0	%100
59	M79A	X	21.169	21.169	0	%100
60	M79A	Z	0	0	0	%100
61	M82	X	0	0	0	%100
62	M82	Z	0	0	0	%100
63	M83A	X	11.755	11.755	0	%100
64	M83A	Z	0	0	0	%100
65	M87	X	7.056	7.056	0	%100
66	M87	Z	0	0	0	%100
67	M88A	X	0	0	0	%100
68	M88A	Z	0	0	0	%100
69	M90	X	0	0	0	%100
70	M90	Z	0	0	0	%100
71	M92A	X	7.056	7.056	0	%100
72	M92A	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,%]
73	M93	X	21.561	21.561	0	%100
74	M93	Z	0	0	0	%100
75	M95	X	22.71	22.71	0	%100
76	M95	Z	0	0	0	%100
77	M76B	X	11.263	11.263	0	%100
78	M76B	Z	0	0	0	%100
79	M77B	X	11.263	11.263	0	%100
80	M77B	Z	0	0	0	%100
81	MP2A	X	11.173	11.173	0	%100
82	MP2A	Z	0	0	0	%100
83	MP3A	X	13.525	13.525	0	%100
84	MP3A	Z	0	0	0	%100
85	MP4A	X	11.173	11.173	0	%100
86	MP4A	Z	0	0	0	%100
87	MP1C	X	11.173	11.173	0	%100
88	MP1C	Z	0	0	0	%100
89	MP4C	X	11.173	11.173	0	%100
90	MP4C	Z	0	0	0	%100
91	MP1B	X	11.173	11.173	0	%100
92	MP1B	Z	0	0	0	%100
93	MP4B	X	11.173	11.173	0	%100
94	MP4B	Z	0	0	0	%100
95	MP2C	X	11.173	11.173	0	%100
96	MP2C	Z	0	0	0	%100
97	MP3C	X	13.525	13.525	0	%100
98	MP3C	Z	0	0	0	%100
99	MP2B	X	11.173	11.173	0	%100
100	MP2B	Z	0	0	0	%100
101	MP3B	X	13.525	13.525	0	%100
102	MP3B	Z	0	0	0	%100
103	OVP	X	9.136	9.136	0	%100
104	OVP	Z	0	0	0	%100
105	M102	X	0	0	0	%100
106	M102	Z	0	0	0	%100
107	M107	X	10.144	10.144	0	%100
108	M107	Z	0	0	0	%100
109	M112	X	10.144	10.144	0	%100
110	M112	Z	0	0	0	%100
111	M123	X	12.715	12.715	0	%100
112	M123	Z	0	0	0	%100
113	M124	X	12.715	12.715	0	%100
114	M124	Z	0	0	0	%100
115	M125	X	0	0	0	%100
116	M125	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	FACE	X	3.251	3.251	0	%100
2	FACE	Z	1.877	1.877	0	%100
3	M4	X	10.862	10.862	0	%100
4	M4	Z	6.271	6.271	0	%100
5	M10	X	3.064	3.064	0	%100
6	M10	Z	1.769	1.769	0	%100
7	MP1A	X	9.676	9.676	0	%100
8	MP1A	Z	5.586	5.586	0	%100
9	M43	X	3.064	3.064	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,%]
10	M43	Z	1.769	1.769	0	%100
11	M46	X	6.111	6.111	0	%100
12	M46	Z	3.528	3.528	0	%100
13	M51B	X	3.393	3.393	0	%100
14	M51B	Z	1.959	1.959	0	%100
15	M52B	X	13.573	13.573	0	%100
16	M52B	Z	7.837	7.837	0	%100
17	M76	X	18.333	18.333	0	%100
18	M76	Z	10.585	10.585	0	%100
19	M77	X	6.224	6.224	0	%100
20	M77	Z	3.594	3.594	0	%100
21	M80	X	6.556	6.556	0	%100
22	M80	Z	3.785	3.785	0	%100
23	M84	X	18.333	18.333	0	%100
24	M84	Z	10.585	10.585	0	%100
25	M85	X	24.897	24.897	0	%100
26	M85	Z	14.374	14.374	0	%100
27	M91	X	26.223	26.223	0	%100
28	M91	Z	15.14	15.14	0	%100
29	M52A	X	10.862	10.862	0	%100
30	M52A	Z	6.271	6.271	0	%100
31	M53	X	3.064	3.064	0	%100
32	M53	Z	1.769	1.769	0	%100
33	M54	X	3.064	3.064	0	%100
34	M54	Z	1.769	1.769	0	%100
35	M55	X	6.111	6.111	0	%100
36	M55	Z	3.528	3.528	0	%100
37	M58A	X	13.573	13.573	0	%100
38	M58A	Z	7.837	7.837	0	%100
39	M59A	X	3.393	3.393	0	%100
40	M59A	Z	1.959	1.959	0	%100
41	M63	X	18.333	18.333	0	%100
42	M63	Z	10.585	10.585	0	%100
43	M64	X	24.897	24.897	0	%100
44	M64	Z	14.374	14.374	0	%100
45	M66	X	26.223	26.223	0	%100
46	M66	Z	15.14	15.14	0	%100
47	M68	X	18.333	18.333	0	%100
48	M68	Z	10.585	10.585	0	%100
49	M69	X	6.224	6.224	0	%100
50	M69	Z	3.594	3.594	0	%100
51	M71	X	6.556	6.556	0	%100
52	M71	Z	3.785	3.785	0	%100
53	M76A	X	0	0	0	%100
54	M76A	Z	0	0	0	%100
55	M77A	X	12.255	12.255	0	%100
56	M77A	Z	7.075	7.075	0	%100
57	M78	X	12.255	12.255	0	%100
58	M78	Z	7.075	7.075	0	%100
59	M79A	X	24.444	24.444	0	%100
60	M79A	Z	14.113	14.113	0	%100
61	M82	X	3.393	3.393	0	%100
62	M82	Z	1.959	1.959	0	%100
63	M83A	X	3.393	3.393	0	%100
64	M83A	Z	1.959	1.959	0	%100
65	M87	X	0	0	0	%100
66	M87	Z	0	0	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,%]
67	M88A	X	6.224	6.224	0	%100
68	M88A	Z	3.594	3.594	0	%100
69	M90	X	6.556	6.556	0	%100
70	M90	Z	3.785	3.785	0	%100
71	M92A	X	0	0	0	%100
72	M92A	Z	0	0	0	%100
73	M93	X	6.224	6.224	0	%100
74	M93	Z	3.594	3.594	0	%100
75	M95	X	6.556	6.556	0	%100
76	M95	Z	3.785	3.785	0	%100
77	M76B	X	3.251	3.251	0	%100
78	M76B	Z	1.877	1.877	0	%100
79	M77B	X	13.005	13.005	0	%100
80	M77B	Z	7.509	7.509	0	%100
81	MP2A	X	9.676	9.676	0	%100
82	MP2A	Z	5.586	5.586	0	%100
83	MP3A	X	11.713	11.713	0	%100
84	MP3A	Z	6.762	6.762	0	%100
85	MP4A	X	9.676	9.676	0	%100
86	MP4A	Z	5.586	5.586	0	%100
87	MP1C	X	9.676	9.676	0	%100
88	MP1C	Z	5.586	5.586	0	%100
89	MP4C	X	9.676	9.676	0	%100
90	MP4C	Z	5.586	5.586	0	%100
91	MP1B	X	9.676	9.676	0	%100
92	MP1B	Z	5.586	5.586	0	%100
93	MP4B	X	9.676	9.676	0	%100
94	MP4B	Z	5.586	5.586	0	%100
95	MP2C	X	9.676	9.676	0	%100
96	MP2C	Z	5.586	5.586	0	%100
97	MP3C	X	11.713	11.713	0	%100
98	MP3C	Z	6.762	6.762	0	%100
99	MP2B	X	9.676	9.676	0	%100
100	MP2B	Z	5.586	5.586	0	%100
101	MP3B	X	11.713	11.713	0	%100
102	MP3B	Z	6.762	6.762	0	%100
103	OVP	X	7.912	7.912	0	%100
104	OVP	Z	4.568	4.568	0	%100
105	M102	X	2.928	2.928	0	%100
106	M102	Z	1.691	1.691	0	%100
107	M107	X	2.928	2.928	0	%100
108	M107	Z	1.691	1.691	0	%100
109	M112	X	11.713	11.713	0	%100
110	M112	Z	6.762	6.762	0	%100
111	M123	X	3.67	3.67	0	%100
112	M123	Z	2.119	2.119	0	%100
113	M124	X	14.682	14.682	0	%100
114	M124	Z	8.477	8.477	0	%100
115	M125	X	3.67	3.67	0	%100
116	M125	Z	2.119	2.119	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	FACE	X	5.632	5.632	0	%100
2	FACE	Z	9.754	9.754	0	%100
3	M4	X	2.09	2.09	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,%]
4	M4	Z	3.621	3.621	0	%100
5	M10	X	5.307	5.307	0	%100
6	M10	Z	9.191	9.191	0	%100
7	MP1A	X	5.586	5.586	0	%100
8	MP1A	Z	9.676	9.676	0	%100
9	M43	X	5.307	5.307	0	%100
10	M43	Z	9.191	9.191	0	%100
11	M46	X	10.585	10.585	0	%100
12	M46	Z	18.333	18.333	0	%100
13	M51B	X	0	0	0	%100
14	M51B	Z	0	0	0	%100
15	M52B	X	5.877	5.877	0	%100
16	M52B	Z	10.18	10.18	0	%100
17	M76	X	3.528	3.528	0	%100
18	M76	Z	6.111	6.111	0	%100
19	M77	X	0	0	0	%100
20	M77	Z	0	0	0	%100
21	M80	X	0	0	0	%100
22	M80	Z	0	0	0	%100
23	M84	X	3.528	3.528	0	%100
24	M84	Z	6.111	6.111	0	%100
25	M85	X	10.781	10.781	0	%100
26	M85	Z	18.673	18.673	0	%100
27	M91	X	11.355	11.355	0	%100
28	M91	Z	19.667	19.667	0	%100
29	M52A	X	8.362	8.362	0	%100
30	M52A	Z	14.483	14.483	0	%100
31	M53	X	0	0	0	%100
32	M53	Z	0	0	0	%100
33	M54	X	0	0	0	%100
34	M54	Z	0	0	0	%100
35	M55	X	0	0	0	%100
36	M55	Z	0	0	0	%100
37	M58A	X	5.877	5.877	0	%100
38	M58A	Z	10.18	10.18	0	%100
39	M59A	X	5.877	5.877	0	%100
40	M59A	Z	10.18	10.18	0	%100
41	M63	X	14.113	14.113	0	%100
42	M63	Z	24.444	24.444	0	%100
43	M64	X	10.781	10.781	0	%100
44	M64	Z	18.673	18.673	0	%100
45	M66	X	11.355	11.355	0	%100
46	M66	Z	19.667	19.667	0	%100
47	M68	X	14.113	14.113	0	%100
48	M68	Z	24.444	24.444	0	%100
49	M69	X	10.781	10.781	0	%100
50	M69	Z	18.673	18.673	0	%100
51	M71	X	11.355	11.355	0	%100
52	M71	Z	19.667	19.667	0	%100
53	M76A	X	2.09	2.09	0	%100
54	M76A	Z	3.621	3.621	0	%100
55	M77A	X	5.307	5.307	0	%100
56	M77A	Z	9.191	9.191	0	%100
57	M78	X	5.307	5.307	0	%100
58	M78	Z	9.191	9.191	0	%100
59	M79A	X	10.585	10.585	0	%100
60	M79A	Z	18.333	18.333	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,%]
61	M82	X	5.877	5.877	0	%100
62	M82	Z	10.18	10.18	0	%100
63	M83A	X	0	0	0	%100
64	M83A	Z	0	0	0	%100
65	M87	X	3.528	3.528	0	%100
66	M87	Z	6.111	6.111	0	%100
67	M88A	X	10.781	10.781	0	%100
68	M88A	Z	18.673	18.673	0	%100
69	M90	X	11.355	11.355	0	%100
70	M90	Z	19.667	19.667	0	%100
71	M92A	X	3.528	3.528	0	%100
72	M92A	Z	6.111	6.111	0	%100
73	M93	X	0	0	0	%100
74	M93	Z	0	0	0	%100
75	M95	X	0	0	0	%100
76	M95	Z	0	0	0	%100
77	M76B	X	0	0	0	%100
78	M76B	Z	0	0	0	%100
79	M77B	X	5.632	5.632	0	%100
80	M77B	Z	9.754	9.754	0	%100
81	MP2A	X	5.586	5.586	0	%100
82	MP2A	Z	9.676	9.676	0	%100
83	MP3A	X	6.762	6.762	0	%100
84	MP3A	Z	11.713	11.713	0	%100
85	MP4A	X	5.586	5.586	0	%100
86	MP4A	Z	9.676	9.676	0	%100
87	MP1C	X	5.586	5.586	0	%100
88	MP1C	Z	9.676	9.676	0	%100
89	MP4C	X	5.586	5.586	0	%100
90	MP4C	Z	9.676	9.676	0	%100
91	MP1B	X	5.586	5.586	0	%100
92	MP1B	Z	9.676	9.676	0	%100
93	MP4B	X	5.586	5.586	0	%100
94	MP4B	Z	9.676	9.676	0	%100
95	MP2C	X	5.586	5.586	0	%100
96	MP2C	Z	9.676	9.676	0	%100
97	MP3C	X	6.762	6.762	0	%100
98	MP3C	Z	11.713	11.713	0	%100
99	MP2B	X	5.586	5.586	0	%100
100	MP2B	Z	9.676	9.676	0	%100
101	MP3B	X	6.762	6.762	0	%100
102	MP3B	Z	11.713	11.713	0	%100
103	OVP	X	4.568	4.568	0	%100
104	OVP	Z	7.912	7.912	0	%100
105	M102	X	5.072	5.072	0	%100
106	M102	Z	8.785	8.785	0	%100
107	M107	X	0	0	0	%100
108	M107	Z	0	0	0	%100
109	M112	X	5.072	5.072	0	%100
110	M112	Z	8.785	8.785	0	%100
111	M123	X	0	0	0	%100
112	M123	Z	0	0	0	%100
113	M124	X	6.357	6.357	0	%100
114	M124	Z	11.011	11.011	0	%100
115	M125	X	6.357	6.357	0	%100
116	M125	Z	11.011	11.011	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	FACE	X	0	0	0	%100
2	FACE	Z	15.017	15.017	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	14.151	14.151	0	%100
7	MP1A	X	0	0	0	%100
8	MP1A	Z	11.173	11.173	0	%100
9	M43	X	0	0	0	%100
10	M43	Z	14.151	14.151	0	%100
11	M46	X	0	0	0	%100
12	M46	Z	28.226	28.226	0	%100
13	M51B	X	0	0	0	%100
14	M51B	Z	3.918	3.918	0	%100
15	M52B	X	0	0	0	%100
16	M52B	Z	3.918	3.918	0	%100
17	M76	X	0	0	0	%100
18	M76	Z	0	0	0	%100
19	M77	X	0	0	0	%100
20	M77	Z	7.187	7.187	0	%100
21	M80	X	0	0	0	%100
22	M80	Z	7.57	7.57	0	%100
23	M84	X	0	0	0	%100
24	M84	Z	0	0	0	%100
25	M85	X	0	0	0	%100
26	M85	Z	7.187	7.187	0	%100
27	M91	X	0	0	0	%100
28	M91	Z	7.57	7.57	0	%100
29	M52A	X	0	0	0	%100
30	M52A	Z	12.543	12.543	0	%100
31	M53	X	0	0	0	%100
32	M53	Z	3.538	3.538	0	%100
33	M54	X	0	0	0	%100
34	M54	Z	3.538	3.538	0	%100
35	M55	X	0	0	0	%100
36	M55	Z	7.056	7.056	0	%100
37	M58A	X	0	0	0	%100
38	M58A	Z	3.918	3.918	0	%100
39	M59A	X	0	0	0	%100
40	M59A	Z	15.673	15.673	0	%100
41	M63	X	0	0	0	%100
42	M63	Z	21.169	21.169	0	%100
43	M64	X	0	0	0	%100
44	M64	Z	7.187	7.187	0	%100
45	M66	X	0	0	0	%100
46	M66	Z	7.57	7.57	0	%100
47	M68	X	0	0	0	%100
48	M68	Z	21.169	21.169	0	%100
49	M69	X	0	0	0	%100
50	M69	Z	28.748	28.748	0	%100
51	M71	X	0	0	0	%100
52	M71	Z	30.28	30.28	0	%100
53	M76A	X	0	0	0	%100
54	M76A	Z	12.543	12.543	0	%100
55	M77A	X	0	0	0	%100
56	M77A	Z	3.538	3.538	0	%100
57	M78	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,%]
58	M78	Z	3.538	3.538	0	%100
59	M79A	X	0	0	0	%100
60	M79A	Z	7.056	7.056	0	%100
61	M82	X	0	0	0	%100
62	M82	Z	15.673	15.673	0	%100
63	M83A	X	0	0	0	%100
64	M83A	Z	3.918	3.918	0	%100
65	M87	X	0	0	0	%100
66	M87	Z	21.169	21.169	0	%100
67	M88A	X	0	0	0	%100
68	M88A	Z	28.748	28.748	0	%100
69	M90	X	0	0	0	%100
70	M90	Z	30.28	30.28	0	%100
71	M92A	X	0	0	0	%100
72	M92A	Z	21.169	21.169	0	%100
73	M93	X	0	0	0	%100
74	M93	Z	7.187	7.187	0	%100
75	M95	X	0	0	0	%100
76	M95	Z	7.57	7.57	0	%100
77	M76B	X	0	0	0	%100
78	M76B	Z	3.754	3.754	0	%100
79	M77B	X	0	0	0	%100
80	M77B	Z	3.754	3.754	0	%100
81	MP2A	X	0	0	0	%100
82	MP2A	Z	11.173	11.173	0	%100
83	MP3A	X	0	0	0	%100
84	MP3A	Z	13.525	13.525	0	%100
85	MP4A	X	0	0	0	%100
86	MP4A	Z	11.173	11.173	0	%100
87	MP1C	X	0	0	0	%100
88	MP1C	Z	11.173	11.173	0	%100
89	MP4C	X	0	0	0	%100
90	MP4C	Z	11.173	11.173	0	%100
91	MP1B	X	0	0	0	%100
92	MP1B	Z	11.173	11.173	0	%100
93	MP4B	X	0	0	0	%100
94	MP4B	Z	11.173	11.173	0	%100
95	MP2C	X	0	0	0	%100
96	MP2C	Z	11.173	11.173	0	%100
97	MP3C	X	0	0	0	%100
98	MP3C	Z	13.525	13.525	0	%100
99	MP2B	X	0	0	0	%100
100	MP2B	Z	11.173	11.173	0	%100
101	MP3B	X	0	0	0	%100
102	MP3B	Z	13.525	13.525	0	%100
103	OVP	X	0	0	0	%100
104	OVP	Z	9.136	9.136	0	%100
105	M102	X	0	0	0	%100
106	M102	Z	13.525	13.525	0	%100
107	M107	X	0	0	0	%100
108	M107	Z	3.381	3.381	0	%100
109	M112	X	0	0	0	%100
110	M112	Z	3.381	3.381	0	%100
111	M123	X	0	0	0	%100
112	M123	Z	4.238	4.238	0	%100
113	M124	X	0	0	0	%100
114	M124	Z	4.238	4.238	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,%]
115	M125	X	0	0	0	%100
116	M125	Z	16.953	16.953	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	FACE	X	-5.632	-5.632	0	%100
2	FACE	Z	9.754	9.754	0	%100
3	M4	X	-2.09	-2.09	0	%100
4	M4	Z	3.621	3.621	0	%100
5	M10	X	-5.307	-5.307	0	%100
6	M10	Z	9.191	9.191	0	%100
7	MP1A	X	-5.586	-5.586	0	%100
8	MP1A	Z	9.676	9.676	0	%100
9	M43	X	-5.307	-5.307	0	%100
10	M43	Z	9.191	9.191	0	%100
11	M46	X	-10.585	-10.585	0	%100
12	M46	Z	18.333	18.333	0	%100
13	M51B	X	-5.877	-5.877	0	%100
14	M51B	Z	10.18	10.18	0	%100
15	M52B	X	0	0	0	%100
16	M52B	Z	0	0	0	%100
17	M76	X	-3.528	-3.528	0	%100
18	M76	Z	6.111	6.111	0	%100
19	M77	X	-10.781	-10.781	0	%100
20	M77	Z	18.673	18.673	0	%100
21	M80	X	-11.355	-11.355	0	%100
22	M80	Z	19.667	19.667	0	%100
23	M84	X	-3.528	-3.528	0	%100
24	M84	Z	6.111	6.111	0	%100
25	M85	X	0	0	0	%100
26	M85	Z	0	0	0	%100
27	M91	X	0	0	0	%100
28	M91	Z	0	0	0	%100
29	M52A	X	-2.09	-2.09	0	%100
30	M52A	Z	3.621	3.621	0	%100
31	M53	X	-5.307	-5.307	0	%100
32	M53	Z	9.191	9.191	0	%100
33	M54	X	-5.307	-5.307	0	%100
34	M54	Z	9.191	9.191	0	%100
35	M55	X	-10.585	-10.585	0	%100
36	M55	Z	18.333	18.333	0	%100
37	M58A	X	0	0	0	%100
38	M58A	Z	0	0	0	%100
39	M59A	X	-5.877	-5.877	0	%100
40	M59A	Z	10.18	10.18	0	%100
41	M63	X	-3.528	-3.528	0	%100
42	M63	Z	6.111	6.111	0	%100
43	M64	X	0	0	0	%100
44	M64	Z	0	0	0	%100
45	M66	X	0	0	0	%100
46	M66	Z	0	0	0	%100
47	M68	X	-3.528	-3.528	0	%100
48	M68	Z	6.111	6.111	0	%100
49	M69	X	-10.781	-10.781	0	%100
50	M69	Z	18.673	18.673	0	%100
51	M71	X	-11.355	-11.355	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,%]
52	M71	Z	19.667	19.667	0	%100
53	M76A	X	-8.362	-8.362	0	%100
54	M76A	Z	14.483	14.483	0	%100
55	M77A	X	0	0	0	%100
56	M77A	Z	0	0	0	%100
57	M78	X	0	0	0	%100
58	M78	Z	0	0	0	%100
59	M79A	X	0	0	0	%100
60	M79A	Z	0	0	0	%100
61	M82	X	-5.877	-5.877	0	%100
62	M82	Z	10.18	10.18	0	%100
63	M83A	X	-5.877	-5.877	0	%100
64	M83A	Z	10.18	10.18	0	%100
65	M87	X	-14.113	-14.113	0	%100
66	M87	Z	24.444	24.444	0	%100
67	M88A	X	-10.781	-10.781	0	%100
68	M88A	Z	18.673	18.673	0	%100
69	M90	X	-11.355	-11.355	0	%100
70	M90	Z	19.667	19.667	0	%100
71	M92A	X	-14.113	-14.113	0	%100
72	M92A	Z	24.444	24.444	0	%100
73	M93	X	-10.781	-10.781	0	%100
74	M93	Z	18.673	18.673	0	%100
75	M95	X	-11.355	-11.355	0	%100
76	M95	Z	19.667	19.667	0	%100
77	M76B	X	-5.632	-5.632	0	%100
78	M76B	Z	9.754	9.754	0	%100
79	M77B	X	0	0	0	%100
80	M77B	Z	0	0	0	%100
81	MP2A	X	-5.586	-5.586	0	%100
82	MP2A	Z	9.676	9.676	0	%100
83	MP3A	X	-6.762	-6.762	0	%100
84	MP3A	Z	11.713	11.713	0	%100
85	MP4A	X	-5.586	-5.586	0	%100
86	MP4A	Z	9.676	9.676	0	%100
87	MP1C	X	-5.586	-5.586	0	%100
88	MP1C	Z	9.676	9.676	0	%100
89	MP4C	X	-5.586	-5.586	0	%100
90	MP4C	Z	9.676	9.676	0	%100
91	MP1B	X	-5.586	-5.586	0	%100
92	MP1B	Z	9.676	9.676	0	%100
93	MP4B	X	-5.586	-5.586	0	%100
94	MP4B	Z	9.676	9.676	0	%100
95	MP2C	X	-5.586	-5.586	0	%100
96	MP2C	Z	9.676	9.676	0	%100
97	MP3C	X	-6.762	-6.762	0	%100
98	MP3C	Z	11.713	11.713	0	%100
99	MP2B	X	-5.586	-5.586	0	%100
100	MP2B	Z	9.676	9.676	0	%100
101	MP3B	X	-6.762	-6.762	0	%100
102	MP3B	Z	11.713	11.713	0	%100
103	OVP	X	-4.568	-4.568	0	%100
104	OVP	Z	7.912	7.912	0	%100
105	M102	X	-5.072	-5.072	0	%100
106	M102	Z	8.785	8.785	0	%100
107	M107	X	-5.072	-5.072	0	%100
108	M107	Z	8.785	8.785	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,%]
109	M112	X	0	0	0	%100
110	M112	Z	0	0	0	%100
111	M123	X	-6.357	-6.357	0	%100
112	M123	Z	11.011	11.011	0	%100
113	M124	X	0	0	0	%100
114	M124	Z	0	0	0	%100
115	M125	X	-6.357	-6.357	0	%100
116	M125	Z	11.011	11.011	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	FACE	X	-3.251	-3.251	0	%100
2	FACE	Z	1.877	1.877	0	%100
3	M4	X	-10.862	-10.862	0	%100
4	M4	Z	6.271	6.271	0	%100
5	M10	X	-3.064	-3.064	0	%100
6	M10	Z	1.769	1.769	0	%100
7	MP1A	X	-9.676	-9.676	0	%100
8	MP1A	Z	5.586	5.586	0	%100
9	M43	X	-3.064	-3.064	0	%100
10	M43	Z	1.769	1.769	0	%100
11	M46	X	-6.111	-6.111	0	%100
12	M46	Z	3.528	3.528	0	%100
13	M51B	X	-13.573	-13.573	0	%100
14	M51B	Z	7.837	7.837	0	%100
15	M52B	X	-3.393	-3.393	0	%100
16	M52B	Z	1.959	1.959	0	%100
17	M76	X	-18.333	-18.333	0	%100
18	M76	Z	10.585	10.585	0	%100
19	M77	X	-24.897	-24.897	0	%100
20	M77	Z	14.374	14.374	0	%100
21	M80	X	-26.223	-26.223	0	%100
22	M80	Z	15.14	15.14	0	%100
23	M84	X	-18.333	-18.333	0	%100
24	M84	Z	10.585	10.585	0	%100
25	M85	X	-6.224	-6.224	0	%100
26	M85	Z	3.594	3.594	0	%100
27	M91	X	-6.556	-6.556	0	%100
28	M91	Z	3.785	3.785	0	%100
29	M52A	X	0	0	0	%100
30	M52A	Z	0	0	0	%100
31	M53	X	-12.255	-12.255	0	%100
32	M53	Z	7.075	7.075	0	%100
33	M54	X	-12.255	-12.255	0	%100
34	M54	Z	7.075	7.075	0	%100
35	M55	X	-24.444	-24.444	0	%100
36	M55	Z	14.113	14.113	0	%100
37	M58A	X	-3.393	-3.393	0	%100
38	M58A	Z	1.959	1.959	0	%100
39	M59A	X	-3.393	-3.393	0	%100
40	M59A	Z	1.959	1.959	0	%100
41	M63	X	0	0	0	%100
42	M63	Z	0	0	0	%100
43	M64	X	-6.224	-6.224	0	%100
44	M64	Z	3.594	3.594	0	%100
45	M66	X	-6.556	-6.556	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,%]
46	M66	Z	3.785	3.785	0	%100
47	M68	X	0	0	0	%100
48	M68	Z	0	0	0	%100
49	M69	X	-6.224	-6.224	0	%100
50	M69	Z	3.594	3.594	0	%100
51	M71	X	-6.556	-6.556	0	%100
52	M71	Z	3.785	3.785	0	%100
53	M76A	X	-10.862	-10.862	0	%100
54	M76A	Z	6.271	6.271	0	%100
55	M77A	X	-3.064	-3.064	0	%100
56	M77A	Z	1.769	1.769	0	%100
57	M78	X	-3.064	-3.064	0	%100
58	M78	Z	1.769	1.769	0	%100
59	M79A	X	-6.111	-6.111	0	%100
60	M79A	Z	3.528	3.528	0	%100
61	M82	X	-3.393	-3.393	0	%100
62	M82	Z	1.959	1.959	0	%100
63	M83A	X	-13.573	-13.573	0	%100
64	M83A	Z	7.837	7.837	0	%100
65	M87	X	-18.333	-18.333	0	%100
66	M87	Z	10.585	10.585	0	%100
67	M88A	X	-6.224	-6.224	0	%100
68	M88A	Z	3.594	3.594	0	%100
69	M90	X	-6.556	-6.556	0	%100
70	M90	Z	3.785	3.785	0	%100
71	M92A	X	-18.333	-18.333	0	%100
72	M92A	Z	10.585	10.585	0	%100
73	M93	X	-24.897	-24.897	0	%100
74	M93	Z	14.374	14.374	0	%100
75	M95	X	-26.223	-26.223	0	%100
76	M95	Z	15.14	15.14	0	%100
77	M76B	X	-13.005	-13.005	0	%100
78	M76B	Z	7.509	7.509	0	%100
79	M77B	X	-3.251	-3.251	0	%100
80	M77B	Z	1.877	1.877	0	%100
81	MP2A	X	-9.676	-9.676	0	%100
82	MP2A	Z	5.586	5.586	0	%100
83	MP3A	X	-11.713	-11.713	0	%100
84	MP3A	Z	6.762	6.762	0	%100
85	MP4A	X	-9.676	-9.676	0	%100
86	MP4A	Z	5.586	5.586	0	%100
87	MP1C	X	-9.676	-9.676	0	%100
88	MP1C	Z	5.586	5.586	0	%100
89	MP4C	X	-9.676	-9.676	0	%100
90	MP4C	Z	5.586	5.586	0	%100
91	MP1B	X	-9.676	-9.676	0	%100
92	MP1B	Z	5.586	5.586	0	%100
93	MP4B	X	-9.676	-9.676	0	%100
94	MP4B	Z	5.586	5.586	0	%100
95	MP2C	X	-9.676	-9.676	0	%100
96	MP2C	Z	5.586	5.586	0	%100
97	MP3C	X	-11.713	-11.713	0	%100
98	MP3C	Z	6.762	6.762	0	%100
99	MP2B	X	-9.676	-9.676	0	%100
100	MP2B	Z	5.586	5.586	0	%100
101	MP3B	X	-11.713	-11.713	0	%100
102	MP3B	Z	6.762	6.762	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,%]
103	OVP	X	-7.912	-7.912	0	%100
104	OVP	Z	4.568	4.568	0	%100
105	M102	X	-2.928	-2.928	0	%100
106	M102	Z	1.691	1.691	0	%100
107	M107	X	-11.713	-11.713	0	%100
108	M107	Z	6.762	6.762	0	%100
109	M112	X	-2.928	-2.928	0	%100
110	M112	Z	1.691	1.691	0	%100
111	M123	X	-14.682	-14.682	0	%100
112	M123	Z	8.477	8.477	0	%100
113	M124	X	-3.67	-3.67	0	%100
114	M124	Z	2.119	2.119	0	%100
115	M125	X	-3.67	-3.67	0	%100
116	M125	Z	2.119	2.119	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	FACE	X	0	0	0	%100
2	FACE	Z	0	0	0	%100
3	M4	X	-16.724	-16.724	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	MP1A	X	-11.173	-11.173	0	%100
8	MP1A	Z	0	0	0	%100
9	M43	X	0	0	0	%100
10	M43	Z	0	0	0	%100
11	M46	X	0	0	0	%100
12	M46	Z	0	0	0	%100
13	M51B	X	-11.755	-11.755	0	%100
14	M51B	Z	0	0	0	%100
15	M52B	X	-11.755	-11.755	0	%100
16	M52B	Z	0	0	0	%100
17	M76	X	-28.226	-28.226	0	%100
18	M76	Z	0	0	0	%100
19	M77	X	-21.561	-21.561	0	%100
20	M77	Z	0	0	0	%100
21	M80	X	-22.71	-22.71	0	%100
22	M80	Z	0	0	0	%100
23	M84	X	-28.226	-28.226	0	%100
24	M84	Z	0	0	0	%100
25	M85	X	-21.561	-21.561	0	%100
26	M85	Z	0	0	0	%100
27	M91	X	-22.71	-22.71	0	%100
28	M91	Z	0	0	0	%100
29	M52A	X	-4.181	-4.181	0	%100
30	M52A	Z	0	0	0	%100
31	M53	X	-10.613	-10.613	0	%100
32	M53	Z	0	0	0	%100
33	M54	X	-10.613	-10.613	0	%100
34	M54	Z	0	0	0	%100
35	M55	X	-21.169	-21.169	0	%100
36	M55	Z	0	0	0	%100
37	M58A	X	-11.755	-11.755	0	%100
38	M58A	Z	0	0	0	%100
39	M59A	X	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,%]
40	M59A	Z	0	0	0	%100
41	M63	X	-7.056	-7.056	0	%100
42	M63	Z	0	0	0	%100
43	M64	X	-21.561	-21.561	0	%100
44	M64	Z	0	0	0	%100
45	M66	X	-22.71	-22.71	0	%100
46	M66	Z	0	0	0	%100
47	M68	X	-7.056	-7.056	0	%100
48	M68	Z	0	0	0	%100
49	M69	X	0	0	0	%100
50	M69	Z	0	0	0	%100
51	M71	X	0	0	0	%100
52	M71	Z	0	0	0	%100
53	M76A	X	-4.181	-4.181	0	%100
54	M76A	Z	0	0	0	%100
55	M77A	X	-10.613	-10.613	0	%100
56	M77A	Z	0	0	0	%100
57	M78	X	-10.613	-10.613	0	%100
58	M78	Z	0	0	0	%100
59	M79A	X	-21.169	-21.169	0	%100
60	M79A	Z	0	0	0	%100
61	M82	X	0	0	0	%100
62	M82	Z	0	0	0	%100
63	M83A	X	-11.755	-11.755	0	%100
64	M83A	Z	0	0	0	%100
65	M87	X	-7.056	-7.056	0	%100
66	M87	Z	0	0	0	%100
67	M88A	X	0	0	0	%100
68	M88A	Z	0	0	0	%100
69	M90	X	0	0	0	%100
70	M90	Z	0	0	0	%100
71	M92A	X	-7.056	-7.056	0	%100
72	M92A	Z	0	0	0	%100
73	M93	X	-21.561	-21.561	0	%100
74	M93	Z	0	0	0	%100
75	M95	X	-22.71	-22.71	0	%100
76	M95	Z	0	0	0	%100
77	M76B	X	-11.263	-11.263	0	%100
78	M76B	Z	0	0	0	%100
79	M77B	X	-11.263	-11.263	0	%100
80	M77B	Z	0	0	0	%100
81	MP2A	X	-11.173	-11.173	0	%100
82	MP2A	Z	0	0	0	%100
83	MP3A	X	-13.525	-13.525	0	%100
84	MP3A	Z	0	0	0	%100
85	MP4A	X	-11.173	-11.173	0	%100
86	MP4A	Z	0	0	0	%100
87	MP1C	X	-11.173	-11.173	0	%100
88	MP1C	Z	0	0	0	%100
89	MP4C	X	-11.173	-11.173	0	%100
90	MP4C	Z	0	0	0	%100
91	MP1B	X	-11.173	-11.173	0	%100
92	MP1B	Z	0	0	0	%100
93	MP4B	X	-11.173	-11.173	0	%100
94	MP4B	Z	0	0	0	%100
95	MP2C	X	-11.173	-11.173	0	%100
96	MP2C	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
97	MP3C	X	-13.525	-13.525	0	%100
98	MP3C	Z	0	0	0	%100
99	MP2B	X	-11.173	-11.173	0	%100
100	MP2B	Z	0	0	0	%100
101	MP3B	X	-13.525	-13.525	0	%100
102	MP3B	Z	0	0	0	%100
103	OVP	X	-9.136	-9.136	0	%100
104	OVP	Z	0	0	0	%100
105	M102	X	0	0	0	%100
106	M102	Z	0	0	0	%100
107	M107	X	-10.144	-10.144	0	%100
108	M107	Z	0	0	0	%100
109	M112	X	-10.144	-10.144	0	%100
110	M112	Z	0	0	0	%100
111	M123	X	-12.715	-12.715	0	%100
112	M123	Z	0	0	0	%100
113	M124	X	-12.715	-12.715	0	%100
114	M124	Z	0	0	0	%100
115	M125	X	0	0	0	%100
116	M125	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	FACE	X	-3.251	-3.251	0	%100
2	FACE	Z	-1.877	-1.877	0	%100
3	M4	X	-10.862	-10.862	0	%100
4	M4	Z	-6.271	-6.271	0	%100
5	M10	X	-3.064	-3.064	0	%100
6	M10	Z	-1.769	-1.769	0	%100
7	MP1A	X	-9.676	-9.676	0	%100
8	MP1A	Z	-5.586	-5.586	0	%100
9	M43	X	-3.064	-3.064	0	%100
10	M43	Z	-1.769	-1.769	0	%100
11	M46	X	-6.111	-6.111	0	%100
12	M46	Z	-3.528	-3.528	0	%100
13	M51B	X	-3.393	-3.393	0	%100
14	M51B	Z	-1.959	-1.959	0	%100
15	M52B	X	-13.573	-13.573	0	%100
16	M52B	Z	-7.837	-7.837	0	%100
17	M76	X	-18.333	-18.333	0	%100
18	M76	Z	-10.585	-10.585	0	%100
19	M77	X	-6.224	-6.224	0	%100
20	M77	Z	-3.594	-3.594	0	%100
21	M80	X	-6.556	-6.556	0	%100
22	M80	Z	-3.785	-3.785	0	%100
23	M84	X	-18.333	-18.333	0	%100
24	M84	Z	-10.585	-10.585	0	%100
25	M85	X	-24.897	-24.897	0	%100
26	M85	Z	-14.374	-14.374	0	%100
27	M91	X	-26.223	-26.223	0	%100
28	M91	Z	-15.14	-15.14	0	%100
29	M52A	X	-10.862	-10.862	0	%100
30	M52A	Z	-6.271	-6.271	0	%100
31	M53	X	-3.064	-3.064	0	%100
32	M53	Z	-1.769	-1.769	0	%100
33	M54	X	-3.064	-3.064	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,%]
34	M54	Z	-1.769	-1.769	0	%100
35	M55	X	-6.111	-6.111	0	%100
36	M55	Z	-3.528	-3.528	0	%100
37	M58A	X	-13.573	-13.573	0	%100
38	M58A	Z	-7.837	-7.837	0	%100
39	M59A	X	-3.393	-3.393	0	%100
40	M59A	Z	-1.959	-1.959	0	%100
41	M63	X	-18.333	-18.333	0	%100
42	M63	Z	-10.585	-10.585	0	%100
43	M64	X	-24.897	-24.897	0	%100
44	M64	Z	-14.374	-14.374	0	%100
45	M66	X	-26.223	-26.223	0	%100
46	M66	Z	-15.14	-15.14	0	%100
47	M68	X	-18.333	-18.333	0	%100
48	M68	Z	-10.585	-10.585	0	%100
49	M69	X	-6.224	-6.224	0	%100
50	M69	Z	-3.594	-3.594	0	%100
51	M71	X	-6.556	-6.556	0	%100
52	M71	Z	-3.785	-3.785	0	%100
53	M76A	X	0	0	0	%100
54	M76A	Z	0	0	0	%100
55	M77A	X	-12.255	-12.255	0	%100
56	M77A	Z	-7.075	-7.075	0	%100
57	M78	X	-12.255	-12.255	0	%100
58	M78	Z	-7.075	-7.075	0	%100
59	M79A	X	-24.444	-24.444	0	%100
60	M79A	Z	-14.113	-14.113	0	%100
61	M82	X	-3.393	-3.393	0	%100
62	M82	Z	-1.959	-1.959	0	%100
63	M83A	X	-3.393	-3.393	0	%100
64	M83A	Z	-1.959	-1.959	0	%100
65	M87	X	0	0	0	%100
66	M87	Z	0	0	0	%100
67	M88A	X	-6.224	-6.224	0	%100
68	M88A	Z	-3.594	-3.594	0	%100
69	M90	X	-6.556	-6.556	0	%100
70	M90	Z	-3.785	-3.785	0	%100
71	M92A	X	0	0	0	%100
72	M92A	Z	0	0	0	%100
73	M93	X	-6.224	-6.224	0	%100
74	M93	Z	-3.594	-3.594	0	%100
75	M95	X	-6.556	-6.556	0	%100
76	M95	Z	-3.785	-3.785	0	%100
77	M76B	X	-3.251	-3.251	0	%100
78	M76B	Z	-1.877	-1.877	0	%100
79	M77B	X	-13.005	-13.005	0	%100
80	M77B	Z	-7.509	-7.509	0	%100
81	MP2A	X	-9.676	-9.676	0	%100
82	MP2A	Z	-5.586	-5.586	0	%100
83	MP3A	X	-11.713	-11.713	0	%100
84	MP3A	Z	-6.762	-6.762	0	%100
85	MP4A	X	-9.676	-9.676	0	%100
86	MP4A	Z	-5.586	-5.586	0	%100
87	MP1C	X	-9.676	-9.676	0	%100
88	MP1C	Z	-5.586	-5.586	0	%100
89	MP4C	X	-9.676	-9.676	0	%100
90	MP4C	Z	-5.586	-5.586	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,%]
91	MP1B	X	-9.676	-9.676	0	%100
92	MP1B	Z	-5.586	-5.586	0	%100
93	MP4B	X	-9.676	-9.676	0	%100
94	MP4B	Z	-5.586	-5.586	0	%100
95	MP2C	X	-9.676	-9.676	0	%100
96	MP2C	Z	-5.586	-5.586	0	%100
97	MP3C	X	-11.713	-11.713	0	%100
98	MP3C	Z	-6.762	-6.762	0	%100
99	MP2B	X	-9.676	-9.676	0	%100
100	MP2B	Z	-5.586	-5.586	0	%100
101	MP3B	X	-11.713	-11.713	0	%100
102	MP3B	Z	-6.762	-6.762	0	%100
103	OVP	X	-7.912	-7.912	0	%100
104	OVP	Z	-4.568	-4.568	0	%100
105	M102	X	-2.928	-2.928	0	%100
106	M102	Z	-1.691	-1.691	0	%100
107	M107	X	-2.928	-2.928	0	%100
108	M107	Z	-1.691	-1.691	0	%100
109	M112	X	-11.713	-11.713	0	%100
110	M112	Z	-6.762	-6.762	0	%100
111	M123	X	-3.67	-3.67	0	%100
112	M123	Z	-2.119	-2.119	0	%100
113	M124	X	-14.682	-14.682	0	%100
114	M124	Z	-8.477	-8.477	0	%100
115	M125	X	-3.67	-3.67	0	%100
116	M125	Z	-2.119	-2.119	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	FACE	X	-5.632	-5.632	0	%100
2	FACE	Z	-9.754	-9.754	0	%100
3	M4	X	-2.09	-2.09	0	%100
4	M4	Z	-3.621	-3.621	0	%100
5	M10	X	-5.307	-5.307	0	%100
6	M10	Z	-9.191	-9.191	0	%100
7	MP1A	X	-5.586	-5.586	0	%100
8	MP1A	Z	-9.676	-9.676	0	%100
9	M43	X	-5.307	-5.307	0	%100
10	M43	Z	-9.191	-9.191	0	%100
11	M46	X	-10.585	-10.585	0	%100
12	M46	Z	-18.333	-18.333	0	%100
13	M51B	X	0	0	0	%100
14	M51B	Z	0	0	0	%100
15	M52B	X	-5.877	-5.877	0	%100
16	M52B	Z	-10.18	-10.18	0	%100
17	M76	X	-3.528	-3.528	0	%100
18	M76	Z	-6.111	-6.111	0	%100
19	M77	X	0	0	0	%100
20	M77	Z	0	0	0	%100
21	M80	X	0	0	0	%100
22	M80	Z	0	0	0	%100
23	M84	X	-3.528	-3.528	0	%100
24	M84	Z	-6.111	-6.111	0	%100
25	M85	X	-10.781	-10.781	0	%100
26	M85	Z	-18.673	-18.673	0	%100
27	M91	X	-11.355	-11.355	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,%]
28	M91	Z	-19.667	-19.667	0	%100
29	M52A	X	-8.362	-8.362	0	%100
30	M52A	Z	-14.483	-14.483	0	%100
31	M53	X	0	0	0	%100
32	M53	Z	0	0	0	%100
33	M54	X	0	0	0	%100
34	M54	Z	0	0	0	%100
35	M55	X	0	0	0	%100
36	M55	Z	0	0	0	%100
37	M58A	X	-5.877	-5.877	0	%100
38	M58A	Z	-10.18	-10.18	0	%100
39	M59A	X	-5.877	-5.877	0	%100
40	M59A	Z	-10.18	-10.18	0	%100
41	M63	X	-14.113	-14.113	0	%100
42	M63	Z	-24.444	-24.444	0	%100
43	M64	X	-10.781	-10.781	0	%100
44	M64	Z	-18.673	-18.673	0	%100
45	M66	X	-11.355	-11.355	0	%100
46	M66	Z	-19.667	-19.667	0	%100
47	M68	X	-14.113	-14.113	0	%100
48	M68	Z	-24.444	-24.444	0	%100
49	M69	X	-10.781	-10.781	0	%100
50	M69	Z	-18.673	-18.673	0	%100
51	M71	X	-11.355	-11.355	0	%100
52	M71	Z	-19.667	-19.667	0	%100
53	M76A	X	-2.09	-2.09	0	%100
54	M76A	Z	-3.621	-3.621	0	%100
55	M77A	X	-5.307	-5.307	0	%100
56	M77A	Z	-9.191	-9.191	0	%100
57	M78	X	-5.307	-5.307	0	%100
58	M78	Z	-9.191	-9.191	0	%100
59	M79A	X	-10.585	-10.585	0	%100
60	M79A	Z	-18.333	-18.333	0	%100
61	M82	X	-5.877	-5.877	0	%100
62	M82	Z	-10.18	-10.18	0	%100
63	M83A	X	0	0	0	%100
64	M83A	Z	0	0	0	%100
65	M87	X	-3.528	-3.528	0	%100
66	M87	Z	-6.111	-6.111	0	%100
67	M88A	X	-10.781	-10.781	0	%100
68	M88A	Z	-18.673	-18.673	0	%100
69	M90	X	-11.355	-11.355	0	%100
70	M90	Z	-19.667	-19.667	0	%100
71	M92A	X	-3.528	-3.528	0	%100
72	M92A	Z	-6.111	-6.111	0	%100
73	M93	X	0	0	0	%100
74	M93	Z	0	0	0	%100
75	M95	X	0	0	0	%100
76	M95	Z	0	0	0	%100
77	M76B	X	0	0	0	%100
78	M76B	Z	0	0	0	%100
79	M77B	X	-5.632	-5.632	0	%100
80	M77B	Z	-9.754	-9.754	0	%100
81	MP2A	X	-5.586	-5.586	0	%100
82	MP2A	Z	-9.676	-9.676	0	%100
83	MP3A	X	-6.762	-6.762	0	%100
84	MP3A	Z	-11.713	-11.713	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,%]
85	MP4A	X	-5.586	-5.586	0	%100
86	MP4A	Z	-9.676	-9.676	0	%100
87	MP1C	X	-5.586	-5.586	0	%100
88	MP1C	Z	-9.676	-9.676	0	%100
89	MP4C	X	-5.586	-5.586	0	%100
90	MP4C	Z	-9.676	-9.676	0	%100
91	MP1B	X	-5.586	-5.586	0	%100
92	MP1B	Z	-9.676	-9.676	0	%100
93	MP4B	X	-5.586	-5.586	0	%100
94	MP4B	Z	-9.676	-9.676	0	%100
95	MP2C	X	-5.586	-5.586	0	%100
96	MP2C	Z	-9.676	-9.676	0	%100
97	MP3C	X	-6.762	-6.762	0	%100
98	MP3C	Z	-11.713	-11.713	0	%100
99	MP2B	X	-5.586	-5.586	0	%100
100	MP2B	Z	-9.676	-9.676	0	%100
101	MP3B	X	-6.762	-6.762	0	%100
102	MP3B	Z	-11.713	-11.713	0	%100
103	OVP	X	-4.568	-4.568	0	%100
104	OVP	Z	-7.912	-7.912	0	%100
105	M102	X	-5.072	-5.072	0	%100
106	M102	Z	-8.785	-8.785	0	%100
107	M107	X	0	0	0	%100
108	M107	Z	0	0	0	%100
109	M112	X	-5.072	-5.072	0	%100
110	M112	Z	-8.785	-8.785	0	%100
111	M123	X	0	0	0	%100
112	M123	Z	0	0	0	%100
113	M124	X	-6.357	-6.357	0	%100
114	M124	Z	-11.011	-11.011	0	%100
115	M125	X	-6.357	-6.357	0	%100
116	M125	Z	-11.011	-11.011	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	FACE	X	0	0	0	%100
2	FACE	Z	-4.393	-4.393	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	-3.606	-3.606	0	%100
7	MP1A	X	0	0	0	%100
8	MP1A	Z	-3.546	-3.546	0	%100
9	M43	X	0	0	0	%100
10	M43	Z	-3.606	-3.606	0	%100
11	M46	X	0	0	0	%100
12	M46	Z	-5.633	-5.633	0	%100
13	M51B	X	0	0	0	%100
14	M51B	Z	-1.037	-1.037	0	%100
15	M52B	X	0	0	0	%100
16	M52B	Z	-1.037	-1.037	0	%100
17	M76	X	0	0	0	%100
18	M76	Z	0	0	0	%100
19	M77	X	0	0	0	%100
20	M77	Z	-1.406	-1.406	0	%100
21	M80	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,%]
22	M80	Z	-1.468	-1.468	0	%100
23	M84	X	0	0	0	%100
24	M84	Z	0	0	0	%100
25	M85	X	0	0	0	%100
26	M85	Z	-1.406	-1.406	0	%100
27	M91	X	0	0	0	%100
28	M91	Z	-1.468	-1.468	0	%100
29	M52A	X	0	0	0	%100
30	M52A	Z	-3.326	-3.326	0	%100
31	M53	X	0	0	0	%100
32	M53	Z	-.901	-.901	0	%100
33	M54	X	0	0	0	%100
34	M54	Z	-.901	-.901	0	%100
35	M55	X	0	0	0	%100
36	M55	Z	-1.408	-1.408	0	%100
37	M58A	X	0	0	0	%100
38	M58A	Z	-1.037	-1.037	0	%100
39	M59A	X	0	0	0	%100
40	M59A	Z	-4.148	-4.148	0	%100
41	M63	X	0	0	0	%100
42	M63	Z	-4.156	-4.156	0	%100
43	M64	X	0	0	0	%100
44	M64	Z	-1.406	-1.406	0	%100
45	M66	X	0	0	0	%100
46	M66	Z	-1.468	-1.468	0	%100
47	M68	X	0	0	0	%100
48	M68	Z	-4.156	-4.156	0	%100
49	M69	X	0	0	0	%100
50	M69	Z	-5.625	-5.625	0	%100
51	M71	X	0	0	0	%100
52	M71	Z	-5.87	-5.87	0	%100
53	M76A	X	0	0	0	%100
54	M76A	Z	-3.326	-3.326	0	%100
55	M77A	X	0	0	0	%100
56	M77A	Z	-.901	-.901	0	%100
57	M78	X	0	0	0	%100
58	M78	Z	-.901	-.901	0	%100
59	M79A	X	0	0	0	%100
60	M79A	Z	-1.408	-1.408	0	%100
61	M82	X	0	0	0	%100
62	M82	Z	-4.148	-4.148	0	%100
63	M83A	X	0	0	0	%100
64	M83A	Z	-1.037	-1.037	0	%100
65	M87	X	0	0	0	%100
66	M87	Z	-4.156	-4.156	0	%100
67	M88A	X	0	0	0	%100
68	M88A	Z	-5.625	-5.625	0	%100
69	M90	X	0	0	0	%100
70	M90	Z	-5.87	-5.87	0	%100
71	M92A	X	0	0	0	%100
72	M92A	Z	-4.156	-4.156	0	%100
73	M93	X	0	0	0	%100
74	M93	Z	-1.406	-1.406	0	%100
75	M95	X	0	0	0	%100
76	M95	Z	-1.468	-1.468	0	%100
77	M76B	X	0	0	0	%100
78	M76B	Z	-1.098	-1.098	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,%]
79	M77B	X	0	0	0	%100
80	M77B	Z	-1.098	-1.098	0	%100
81	MP2A	X	0	0	0	%100
82	MP2A	Z	-3.546	-3.546	0	%100
83	MP3A	X	0	0	0	%100
84	MP3A	Z	-3.922	-3.922	0	%100
85	MP4A	X	0	0	0	%100
86	MP4A	Z	-3.546	-3.546	0	%100
87	MP1C	X	0	0	0	%100
88	MP1C	Z	-3.546	-3.546	0	%100
89	MP4C	X	0	0	0	%100
90	MP4C	Z	-3.546	-3.546	0	%100
91	MP1B	X	0	0	0	%100
92	MP1B	Z	-3.546	-3.546	0	%100
93	MP4B	X	0	0	0	%100
94	MP4B	Z	-3.546	-3.546	0	%100
95	MP2C	X	0	0	0	%100
96	MP2C	Z	-3.546	-3.546	0	%100
97	MP3C	X	0	0	0	%100
98	MP3C	Z	-3.922	-3.922	0	%100
99	MP2B	X	0	0	0	%100
100	MP2B	Z	-3.546	-3.546	0	%100
101	MP3B	X	0	0	0	%100
102	MP3B	Z	-3.922	-3.922	0	%100
103	OVP	X	0	0	0	%100
104	OVP	Z	-2.908	-2.908	0	%100
105	M102	X	0	0	0	%100
106	M102	Z	-3.922	-3.922	0	%100
107	M107	X	0	0	0	%100
108	M107	Z	-.981	-.981	0	%100
109	M112	X	0	0	0	%100
110	M112	Z	-.981	-.981	0	%100
111	M123	X	0	0	0	%100
112	M123	Z	-1	-1	0	%100
113	M124	X	0	0	0	%100
114	M124	Z	-1	-1	0	%100
115	M125	X	0	0	0	%100
116	M125	Z	-4.002	-4.002	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	FACE	X	1.647	1.647	0	%100
2	FACE	Z	-2.853	-2.853	0	%100
3	M4	X	.554	.554	0	%100
4	M4	Z	-.96	-.96	0	%100
5	M10	X	1.352	1.352	0	%100
6	M10	Z	-2.342	-2.342	0	%100
7	MP1A	X	1.773	1.773	0	%100
8	MP1A	Z	-3.071	-3.071	0	%100
9	M43	X	1.352	1.352	0	%100
10	M43	Z	-2.342	-2.342	0	%100
11	M46	X	2.112	2.112	0	%100
12	M46	Z	-3.659	-3.659	0	%100
13	M51B	X	1.556	1.556	0	%100
14	M51B	Z	-2.694	-2.694	0	%100
15	M52B	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
16	M52B	Z	0	0	0	%100
17	M76	X	.693	.693	0	%100
18	M76	Z	-1.2	-1.2	0	%100
19	M77	X	2.11	2.11	0	%100
20	M77	Z	-3.654	-3.654	0	%100
21	M80	X	2.201	2.201	0	%100
22	M80	Z	-3.813	-3.813	0	%100
23	M84	X	.693	.693	0	%100
24	M84	Z	-1.2	-1.2	0	%100
25	M85	X	0	0	0	%100
26	M85	Z	0	0	0	%100
27	M91	X	0	0	0	%100
28	M91	Z	0	0	0	%100
29	M52A	X	.554	.554	0	%100
30	M52A	Z	-.96	-.96	0	%100
31	M53	X	1.352	1.352	0	%100
32	M53	Z	-2.342	-2.342	0	%100
33	M54	X	1.352	1.352	0	%100
34	M54	Z	-2.342	-2.342	0	%100
35	M55	X	2.112	2.112	0	%100
36	M55	Z	-3.659	-3.659	0	%100
37	M58A	X	0	0	0	%100
38	M58A	Z	0	0	0	%100
39	M59A	X	1.556	1.556	0	%100
40	M59A	Z	-2.694	-2.694	0	%100
41	M63	X	.693	.693	0	%100
42	M63	Z	-1.2	-1.2	0	%100
43	M64	X	0	0	0	%100
44	M64	Z	0	0	0	%100
45	M66	X	0	0	0	%100
46	M66	Z	0	0	0	%100
47	M68	X	.693	.693	0	%100
48	M68	Z	-1.2	-1.2	0	%100
49	M69	X	2.11	2.11	0	%100
50	M69	Z	-3.654	-3.654	0	%100
51	M71	X	2.201	2.201	0	%100
52	M71	Z	-3.813	-3.813	0	%100
53	M76A	X	2.217	2.217	0	%100
54	M76A	Z	-3.84	-3.84	0	%100
55	M77A	X	0	0	0	%100
56	M77A	Z	0	0	0	%100
57	M78	X	0	0	0	%100
58	M78	Z	0	0	0	%100
59	M79A	X	0	0	0	%100
60	M79A	Z	0	0	0	%100
61	M82	X	1.556	1.556	0	%100
62	M82	Z	-2.694	-2.694	0	%100
63	M83A	X	1.556	1.556	0	%100
64	M83A	Z	-2.694	-2.694	0	%100
65	M87	X	2.771	2.771	0	%100
66	M87	Z	-4.799	-4.799	0	%100
67	M88A	X	2.11	2.11	0	%100
68	M88A	Z	-3.654	-3.654	0	%100
69	M90	X	2.201	2.201	0	%100
70	M90	Z	-3.813	-3.813	0	%100
71	M92A	X	2.771	2.771	0	%100
72	M92A	Z	-4.799	-4.799	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,%]
73	M93	X	2.11	2.11	0	%100
74	M93	Z	-3.654	-3.654	0	%100
75	M95	X	2.201	2.201	0	%100
76	M95	Z	-3.813	-3.813	0	%100
77	M76B	X	1.647	1.647	0	%100
78	M76B	Z	-2.853	-2.853	0	%100
79	M77B	X	0	0	0	%100
80	M77B	Z	0	0	0	%100
81	MP2A	X	1.773	1.773	0	%100
82	MP2A	Z	-3.071	-3.071	0	%100
83	MP3A	X	1.961	1.961	0	%100
84	MP3A	Z	-3.397	-3.397	0	%100
85	MP4A	X	1.773	1.773	0	%100
86	MP4A	Z	-3.071	-3.071	0	%100
87	MP1C	X	1.773	1.773	0	%100
88	MP1C	Z	-3.071	-3.071	0	%100
89	MP4C	X	1.773	1.773	0	%100
90	MP4C	Z	-3.071	-3.071	0	%100
91	MP1B	X	1.773	1.773	0	%100
92	MP1B	Z	-3.071	-3.071	0	%100
93	MP4B	X	1.773	1.773	0	%100
94	MP4B	Z	-3.071	-3.071	0	%100
95	MP2C	X	1.773	1.773	0	%100
96	MP2C	Z	-3.071	-3.071	0	%100
97	MP3C	X	1.961	1.961	0	%100
98	MP3C	Z	-3.397	-3.397	0	%100
99	MP2B	X	1.773	1.773	0	%100
100	MP2B	Z	-3.071	-3.071	0	%100
101	MP3B	X	1.961	1.961	0	%100
102	MP3B	Z	-3.397	-3.397	0	%100
103	OVP	X	1.454	1.454	0	%100
104	OVP	Z	-2.518	-2.518	0	%100
105	M102	X	1.471	1.471	0	%100
106	M102	Z	-2.548	-2.548	0	%100
107	M107	X	1.471	1.471	0	%100
108	M107	Z	-2.548	-2.548	0	%100
109	M112	X	0	0	0	%100
110	M112	Z	0	0	0	%100
111	M123	X	1.501	1.501	0	%100
112	M123	Z	-2.599	-2.599	0	%100
113	M124	X	0	0	0	%100
114	M124	Z	0	0	0	%100
115	M125	X	1.501	1.501	0	%100
116	M125	Z	-2.599	-2.599	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	FACE	X	.951	.951	0	%100
2	FACE	Z	-.549	-.549	0	%100
3	M4	X	2.88	2.88	0	%100
4	M4	Z	-1.663	-1.663	0	%100
5	M10	X	.781	.781	0	%100
6	M10	Z	-.451	-.451	0	%100
7	MP1A	X	3.071	3.071	0	%100
8	MP1A	Z	-1.773	-1.773	0	%100
9	M43	X	.781	.781	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,%]
10	M43	Z	-.451	-.451	0	%100
11	M46	X	1.22	1.22	0	%100
12	M46	Z	-.704	-.704	0	%100
13	M51B	X	3.592	3.592	0	%100
14	M51B	Z	-2.074	-2.074	0	%100
15	M52B	X	.898	.898	0	%100
16	M52B	Z	-.519	-.519	0	%100
17	M76	X	3.599	3.599	0	%100
18	M76	Z	-2.078	-2.078	0	%100
19	M77	X	4.872	4.872	0	%100
20	M77	Z	-2.813	-2.813	0	%100
21	M80	X	5.084	5.084	0	%100
22	M80	Z	-2.935	-2.935	0	%100
23	M84	X	3.599	3.599	0	%100
24	M84	Z	-2.078	-2.078	0	%100
25	M85	X	1.218	1.218	0	%100
26	M85	Z	-.703	-.703	0	%100
27	M91	X	1.271	1.271	0	%100
28	M91	Z	-.734	-.734	0	%100
29	M52A	X	0	0	0	%100
30	M52A	Z	0	0	0	%100
31	M53	X	3.123	3.123	0	%100
32	M53	Z	-1.803	-1.803	0	%100
33	M54	X	3.123	3.123	0	%100
34	M54	Z	-1.803	-1.803	0	%100
35	M55	X	4.878	4.878	0	%100
36	M55	Z	-2.816	-2.816	0	%100
37	M58A	X	.898	.898	0	%100
38	M58A	Z	-.519	-.519	0	%100
39	M59A	X	.898	.898	0	%100
40	M59A	Z	-.519	-.519	0	%100
41	M63	X	0	0	0	%100
42	M63	Z	0	0	0	%100
43	M64	X	1.218	1.218	0	%100
44	M64	Z	-.703	-.703	0	%100
45	M66	X	1.271	1.271	0	%100
46	M66	Z	-.734	-.734	0	%100
47	M68	X	0	0	0	%100
48	M68	Z	0	0	0	%100
49	M69	X	1.218	1.218	0	%100
50	M69	Z	-.703	-.703	0	%100
51	M71	X	1.271	1.271	0	%100
52	M71	Z	-.734	-.734	0	%100
53	M76A	X	2.88	2.88	0	%100
54	M76A	Z	-1.663	-1.663	0	%100
55	M77A	X	.781	.781	0	%100
56	M77A	Z	-.451	-.451	0	%100
57	M78	X	.781	.781	0	%100
58	M78	Z	-.451	-.451	0	%100
59	M79A	X	1.22	1.22	0	%100
60	M79A	Z	-.704	-.704	0	%100
61	M82	X	.898	.898	0	%100
62	M82	Z	-.519	-.519	0	%100
63	M83A	X	3.592	3.592	0	%100
64	M83A	Z	-2.074	-2.074	0	%100
65	M87	X	3.599	3.599	0	%100
66	M87	Z	-2.078	-2.078	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,%]
67	M88A	X	1.218	1.218	0	%100
68	M88A	Z	-.703	-.703	0	%100
69	M90	X	1.271	1.271	0	%100
70	M90	Z	-.734	-.734	0	%100
71	M92A	X	3.599	3.599	0	%100
72	M92A	Z	-2.078	-2.078	0	%100
73	M93	X	4.872	4.872	0	%100
74	M93	Z	-2.813	-2.813	0	%100
75	M95	X	5.084	5.084	0	%100
76	M95	Z	-2.935	-2.935	0	%100
77	M76B	X	3.804	3.804	0	%100
78	M76B	Z	-2.196	-2.196	0	%100
79	M77B	X	.951	.951	0	%100
80	M77B	Z	-.549	-.549	0	%100
81	MP2A	X	3.071	3.071	0	%100
82	MP2A	Z	-1.773	-1.773	0	%100
83	MP3A	X	3.397	3.397	0	%100
84	MP3A	Z	-1.961	-1.961	0	%100
85	MP4A	X	3.071	3.071	0	%100
86	MP4A	Z	-1.773	-1.773	0	%100
87	MP1C	X	3.071	3.071	0	%100
88	MP1C	Z	-1.773	-1.773	0	%100
89	MP4C	X	3.071	3.071	0	%100
90	MP4C	Z	-1.773	-1.773	0	%100
91	MP1B	X	3.071	3.071	0	%100
92	MP1B	Z	-1.773	-1.773	0	%100
93	MP4B	X	3.071	3.071	0	%100
94	MP4B	Z	-1.773	-1.773	0	%100
95	MP2C	X	3.071	3.071	0	%100
96	MP2C	Z	-1.773	-1.773	0	%100
97	MP3C	X	3.397	3.397	0	%100
98	MP3C	Z	-1.961	-1.961	0	%100
99	MP2B	X	3.071	3.071	0	%100
100	MP2B	Z	-1.773	-1.773	0	%100
101	MP3B	X	3.397	3.397	0	%100
102	MP3B	Z	-1.961	-1.961	0	%100
103	OVP	X	2.518	2.518	0	%100
104	OVP	Z	-1.454	-1.454	0	%100
105	M102	X	.849	.849	0	%100
106	M102	Z	-.49	-.49	0	%100
107	M107	X	3.397	3.397	0	%100
108	M107	Z	-1.961	-1.961	0	%100
109	M112	X	.849	.849	0	%100
110	M112	Z	-.49	-.49	0	%100
111	M123	X	3.465	3.465	0	%100
112	M123	Z	-2.001	-2.001	0	%100
113	M124	X	.866	.866	0	%100
114	M124	Z	-.5	-.5	0	%100
115	M125	X	.866	.866	0	%100
116	M125	Z	-.5	-.5	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	FACE	X	0	0	0	%100
2	FACE	Z	0	0	0	%100
3	M4	X	4.434	4.434	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,%]
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	MP1A	X	3.546	3.546	0	%100
8	MP1A	Z	0	0	0	%100
9	M43	X	0	0	0	%100
10	M43	Z	0	0	0	%100
11	M46	X	0	0	0	%100
12	M46	Z	0	0	0	%100
13	M51B	X	3.111	3.111	0	%100
14	M51B	Z	0	0	0	%100
15	M52B	X	3.111	3.111	0	%100
16	M52B	Z	0	0	0	%100
17	M76	X	5.542	5.542	0	%100
18	M76	Z	0	0	0	%100
19	M77	X	4.219	4.219	0	%100
20	M77	Z	0	0	0	%100
21	M80	X	4.403	4.403	0	%100
22	M80	Z	0	0	0	%100
23	M84	X	5.542	5.542	0	%100
24	M84	Z	0	0	0	%100
25	M85	X	4.219	4.219	0	%100
26	M85	Z	0	0	0	%100
27	M91	X	4.403	4.403	0	%100
28	M91	Z	0	0	0	%100
29	M52A	X	1.109	1.109	0	%100
30	M52A	Z	0	0	0	%100
31	M53	X	2.704	2.704	0	%100
32	M53	Z	0	0	0	%100
33	M54	X	2.704	2.704	0	%100
34	M54	Z	0	0	0	%100
35	M55	X	4.225	4.225	0	%100
36	M55	Z	0	0	0	%100
37	M58A	X	3.111	3.111	0	%100
38	M58A	Z	0	0	0	%100
39	M59A	X	0	0	0	%100
40	M59A	Z	0	0	0	%100
41	M63	X	1.385	1.385	0	%100
42	M63	Z	0	0	0	%100
43	M64	X	4.219	4.219	0	%100
44	M64	Z	0	0	0	%100
45	M66	X	4.403	4.403	0	%100
46	M66	Z	0	0	0	%100
47	M68	X	1.385	1.385	0	%100
48	M68	Z	0	0	0	%100
49	M69	X	0	0	0	%100
50	M69	Z	0	0	0	%100
51	M71	X	0	0	0	%100
52	M71	Z	0	0	0	%100
53	M76A	X	1.109	1.109	0	%100
54	M76A	Z	0	0	0	%100
55	M77A	X	2.704	2.704	0	%100
56	M77A	Z	0	0	0	%100
57	M78	X	2.704	2.704	0	%100
58	M78	Z	0	0	0	%100
59	M79A	X	4.225	4.225	0	%100
60	M79A	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,%]
61	M82	X	0	0	0	%100
62	M82	Z	0	0	0	%100
63	M83A	X	3.111	3.111	0	%100
64	M83A	Z	0	0	0	%100
65	M87	X	1.385	1.385	0	%100
66	M87	Z	0	0	0	%100
67	M88A	X	0	0	0	%100
68	M88A	Z	0	0	0	%100
69	M90	X	0	0	0	%100
70	M90	Z	0	0	0	%100
71	M92A	X	1.385	1.385	0	%100
72	M92A	Z	0	0	0	%100
73	M93	X	4.219	4.219	0	%100
74	M93	Z	0	0	0	%100
75	M95	X	4.403	4.403	0	%100
76	M95	Z	0	0	0	%100
77	M76B	X	3.295	3.295	0	%100
78	M76B	Z	0	0	0	%100
79	M77B	X	3.295	3.295	0	%100
80	M77B	Z	0	0	0	%100
81	MP2A	X	3.546	3.546	0	%100
82	MP2A	Z	0	0	0	%100
83	MP3A	X	3.922	3.922	0	%100
84	MP3A	Z	0	0	0	%100
85	MP4A	X	3.546	3.546	0	%100
86	MP4A	Z	0	0	0	%100
87	MP1C	X	3.546	3.546	0	%100
88	MP1C	Z	0	0	0	%100
89	MP4C	X	3.546	3.546	0	%100
90	MP4C	Z	0	0	0	%100
91	MP1B	X	3.546	3.546	0	%100
92	MP1B	Z	0	0	0	%100
93	MP4B	X	3.546	3.546	0	%100
94	MP4B	Z	0	0	0	%100
95	MP2C	X	3.546	3.546	0	%100
96	MP2C	Z	0	0	0	%100
97	MP3C	X	3.922	3.922	0	%100
98	MP3C	Z	0	0	0	%100
99	MP2B	X	3.546	3.546	0	%100
100	MP2B	Z	0	0	0	%100
101	MP3B	X	3.922	3.922	0	%100
102	MP3B	Z	0	0	0	%100
103	OVP	X	2.908	2.908	0	%100
104	OVP	Z	0	0	0	%100
105	M102	X	0	0	0	%100
106	M102	Z	0	0	0	%100
107	M107	X	2.942	2.942	0	%100
108	M107	Z	0	0	0	%100
109	M112	X	2.942	2.942	0	%100
110	M112	Z	0	0	0	%100
111	M123	X	3.001	3.001	0	%100
112	M123	Z	0	0	0	%100
113	M124	X	3.001	3.001	0	%100
114	M124	Z	0	0	0	%100
115	M125	X	0	0	0	%100
116	M125	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	FACE	X	.951	.951	0	%100
2	FACE	Z	.549	.549	0	%100
3	M4	X	2.88	2.88	0	%100
4	M4	Z	1.663	1.663	0	%100
5	M10	X	.781	.781	0	%100
6	M10	Z	.451	.451	0	%100
7	MP1A	X	3.071	3.071	0	%100
8	MP1A	Z	1.773	1.773	0	%100
9	M43	X	.781	.781	0	%100
10	M43	Z	.451	.451	0	%100
11	M46	X	1.22	1.22	0	%100
12	M46	Z	.704	.704	0	%100
13	M51B	X	.898	.898	0	%100
14	M51B	Z	.519	.519	0	%100
15	M52B	X	3.592	3.592	0	%100
16	M52B	Z	2.074	2.074	0	%100
17	M76	X	3.599	3.599	0	%100
18	M76	Z	2.078	2.078	0	%100
19	M77	X	1.218	1.218	0	%100
20	M77	Z	.703	.703	0	%100
21	M80	X	1.271	1.271	0	%100
22	M80	Z	.734	.734	0	%100
23	M84	X	3.599	3.599	0	%100
24	M84	Z	2.078	2.078	0	%100
25	M85	X	4.872	4.872	0	%100
26	M85	Z	2.813	2.813	0	%100
27	M91	X	5.084	5.084	0	%100
28	M91	Z	2.935	2.935	0	%100
29	M52A	X	2.88	2.88	0	%100
30	M52A	Z	1.663	1.663	0	%100
31	M53	X	.781	.781	0	%100
32	M53	Z	.451	.451	0	%100
33	M54	X	.781	.781	0	%100
34	M54	Z	.451	.451	0	%100
35	M55	X	1.22	1.22	0	%100
36	M55	Z	.704	.704	0	%100
37	M58A	X	3.592	3.592	0	%100
38	M58A	Z	2.074	2.074	0	%100
39	M59A	X	.898	.898	0	%100
40	M59A	Z	.519	.519	0	%100
41	M63	X	3.599	3.599	0	%100
42	M63	Z	2.078	2.078	0	%100
43	M64	X	4.872	4.872	0	%100
44	M64	Z	2.813	2.813	0	%100
45	M66	X	5.084	5.084	0	%100
46	M66	Z	2.935	2.935	0	%100
47	M68	X	3.599	3.599	0	%100
48	M68	Z	2.078	2.078	0	%100
49	M69	X	1.218	1.218	0	%100
50	M69	Z	.703	.703	0	%100
51	M71	X	1.271	1.271	0	%100
52	M71	Z	.734	.734	0	%100
53	M76A	X	0	0	0	%100
54	M76A	Z	0	0	0	%100
55	M77A	X	3.123	3.123	0	%100
56	M77A	Z	1.803	1.803	0	%100
57	M78	X	3.123	3.123	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,%]
58	M78	Z	1.803	1.803	0	%100
59	M79A	X	4.878	4.878	0	%100
60	M79A	Z	2.816	2.816	0	%100
61	M82	X	.898	.898	0	%100
62	M82	Z	.519	.519	0	%100
63	M83A	X	.898	.898	0	%100
64	M83A	Z	.519	.519	0	%100
65	M87	X	0	0	0	%100
66	M87	Z	0	0	0	%100
67	M88A	X	1.218	1.218	0	%100
68	M88A	Z	.703	.703	0	%100
69	M90	X	1.271	1.271	0	%100
70	M90	Z	.734	.734	0	%100
71	M92A	X	0	0	0	%100
72	M92A	Z	0	0	0	%100
73	M93	X	1.218	1.218	0	%100
74	M93	Z	.703	.703	0	%100
75	M95	X	1.271	1.271	0	%100
76	M95	Z	.734	.734	0	%100
77	M76B	X	.951	.951	0	%100
78	M76B	Z	.549	.549	0	%100
79	M77B	X	3.804	3.804	0	%100
80	M77B	Z	2.196	2.196	0	%100
81	MP2A	X	3.071	3.071	0	%100
82	MP2A	Z	1.773	1.773	0	%100
83	MP3A	X	3.397	3.397	0	%100
84	MP3A	Z	1.961	1.961	0	%100
85	MP4A	X	3.071	3.071	0	%100
86	MP4A	Z	1.773	1.773	0	%100
87	MP1C	X	3.071	3.071	0	%100
88	MP1C	Z	1.773	1.773	0	%100
89	MP4C	X	3.071	3.071	0	%100
90	MP4C	Z	1.773	1.773	0	%100
91	MP1B	X	3.071	3.071	0	%100
92	MP1B	Z	1.773	1.773	0	%100
93	MP4B	X	3.071	3.071	0	%100
94	MP4B	Z	1.773	1.773	0	%100
95	MP2C	X	3.071	3.071	0	%100
96	MP2C	Z	1.773	1.773	0	%100
97	MP3C	X	3.397	3.397	0	%100
98	MP3C	Z	1.961	1.961	0	%100
99	MP2B	X	3.071	3.071	0	%100
100	MP2B	Z	1.773	1.773	0	%100
101	MP3B	X	3.397	3.397	0	%100
102	MP3B	Z	1.961	1.961	0	%100
103	OVP	X	2.518	2.518	0	%100
104	OVP	Z	1.454	1.454	0	%100
105	M102	X	.849	.849	0	%100
106	M102	Z	.49	.49	0	%100
107	M107	X	.849	.849	0	%100
108	M107	Z	.49	.49	0	%100
109	M112	X	3.397	3.397	0	%100
110	M112	Z	1.961	1.961	0	%100
111	M123	X	.866	.866	0	%100
112	M123	Z	.5	.5	0	%100
113	M124	X	3.465	3.465	0	%100
114	M124	Z	2.001	2.001	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,%]
115	M125	X	.866	.866	0	%100
116	M125	Z	.5	.5	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	FACE	X	1.647	1.647	0	%100
2	FACE	Z	2.853	2.853	0	%100
3	M4	X	.554	.554	0	%100
4	M4	Z	.96	.96	0	%100
5	M10	X	1.352	1.352	0	%100
6	M10	Z	2.342	2.342	0	%100
7	MP1A	X	1.773	1.773	0	%100
8	MP1A	Z	3.071	3.071	0	%100
9	M43	X	1.352	1.352	0	%100
10	M43	Z	2.342	2.342	0	%100
11	M46	X	2.112	2.112	0	%100
12	M46	Z	3.659	3.659	0	%100
13	M51B	X	0	0	0	%100
14	M51B	Z	0	0	0	%100
15	M52B	X	1.556	1.556	0	%100
16	M52B	Z	2.694	2.694	0	%100
17	M76	X	.693	.693	0	%100
18	M76	Z	1.2	1.2	0	%100
19	M77	X	0	0	0	%100
20	M77	Z	0	0	0	%100
21	M80	X	0	0	0	%100
22	M80	Z	0	0	0	%100
23	M84	X	.693	.693	0	%100
24	M84	Z	1.2	1.2	0	%100
25	M85	X	2.11	2.11	0	%100
26	M85	Z	3.654	3.654	0	%100
27	M91	X	2.201	2.201	0	%100
28	M91	Z	3.813	3.813	0	%100
29	M52A	X	2.217	2.217	0	%100
30	M52A	Z	3.84	3.84	0	%100
31	M53	X	0	0	0	%100
32	M53	Z	0	0	0	%100
33	M54	X	0	0	0	%100
34	M54	Z	0	0	0	%100
35	M55	X	0	0	0	%100
36	M55	Z	0	0	0	%100
37	M58A	X	1.556	1.556	0	%100
38	M58A	Z	2.694	2.694	0	%100
39	M59A	X	1.556	1.556	0	%100
40	M59A	Z	2.694	2.694	0	%100
41	M63	X	2.771	2.771	0	%100
42	M63	Z	4.799	4.799	0	%100
43	M64	X	2.11	2.11	0	%100
44	M64	Z	3.654	3.654	0	%100
45	M66	X	2.201	2.201	0	%100
46	M66	Z	3.813	3.813	0	%100
47	M68	X	2.771	2.771	0	%100
48	M68	Z	4.799	4.799	0	%100
49	M69	X	2.11	2.11	0	%100
50	M69	Z	3.654	3.654	0	%100
51	M71	X	2.201	2.201	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,%]
52	M71	Z	3.813	3.813	0	%100
53	M76A	X	.554	.554	0	%100
54	M76A	Z	.96	.96	0	%100
55	M77A	X	1.352	1.352	0	%100
56	M77A	Z	2.342	2.342	0	%100
57	M78	X	1.352	1.352	0	%100
58	M78	Z	2.342	2.342	0	%100
59	M79A	X	2.112	2.112	0	%100
60	M79A	Z	3.659	3.659	0	%100
61	M82	X	1.556	1.556	0	%100
62	M82	Z	2.694	2.694	0	%100
63	M83A	X	0	0	0	%100
64	M83A	Z	0	0	0	%100
65	M87	X	.693	.693	0	%100
66	M87	Z	1.2	1.2	0	%100
67	M88A	X	2.11	2.11	0	%100
68	M88A	Z	3.654	3.654	0	%100
69	M90	X	2.201	2.201	0	%100
70	M90	Z	3.813	3.813	0	%100
71	M92A	X	.693	.693	0	%100
72	M92A	Z	1.2	1.2	0	%100
73	M93	X	0	0	0	%100
74	M93	Z	0	0	0	%100
75	M95	X	0	0	0	%100
76	M95	Z	0	0	0	%100
77	M76B	X	0	0	0	%100
78	M76B	Z	0	0	0	%100
79	M77B	X	1.647	1.647	0	%100
80	M77B	Z	2.853	2.853	0	%100
81	MP2A	X	1.773	1.773	0	%100
82	MP2A	Z	3.071	3.071	0	%100
83	MP3A	X	1.961	1.961	0	%100
84	MP3A	Z	3.397	3.397	0	%100
85	MP4A	X	1.773	1.773	0	%100
86	MP4A	Z	3.071	3.071	0	%100
87	MP1C	X	1.773	1.773	0	%100
88	MP1C	Z	3.071	3.071	0	%100
89	MP4C	X	1.773	1.773	0	%100
90	MP4C	Z	3.071	3.071	0	%100
91	MP1B	X	1.773	1.773	0	%100
92	MP1B	Z	3.071	3.071	0	%100
93	MP4B	X	1.773	1.773	0	%100
94	MP4B	Z	3.071	3.071	0	%100
95	MP2C	X	1.773	1.773	0	%100
96	MP2C	Z	3.071	3.071	0	%100
97	MP3C	X	1.961	1.961	0	%100
98	MP3C	Z	3.397	3.397	0	%100
99	MP2B	X	1.773	1.773	0	%100
100	MP2B	Z	3.071	3.071	0	%100
101	MP3B	X	1.961	1.961	0	%100
102	MP3B	Z	3.397	3.397	0	%100
103	OVP	X	1.454	1.454	0	%100
104	OVP	Z	2.518	2.518	0	%100
105	M102	X	1.471	1.471	0	%100
106	M102	Z	2.548	2.548	0	%100
107	M107	X	0	0	0	%100
108	M107	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
109	M112	X	1.471	1.471	0	%100
110	M112	Z	2.548	2.548	0	%100
111	M123	X	0	0	0	%100
112	M123	Z	0	0	0	%100
113	M124	X	1.501	1.501	0	%100
114	M124	Z	2.599	2.599	0	%100
115	M125	X	1.501	1.501	0	%100
116	M125	Z	2.599	2.599	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	FACE	X	0	0	0	%100
2	FACE	Z	4.393	4.393	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	3.606	3.606	0	%100
7	MP1A	X	0	0	0	%100
8	MP1A	Z	3.546	3.546	0	%100
9	M43	X	0	0	0	%100
10	M43	Z	3.606	3.606	0	%100
11	M46	X	0	0	0	%100
12	M46	Z	5.633	5.633	0	%100
13	M51B	X	0	0	0	%100
14	M51B	Z	1.037	1.037	0	%100
15	M52B	X	0	0	0	%100
16	M52B	Z	1.037	1.037	0	%100
17	M76	X	0	0	0	%100
18	M76	Z	0	0	0	%100
19	M77	X	0	0	0	%100
20	M77	Z	1.406	1.406	0	%100
21	M80	X	0	0	0	%100
22	M80	Z	1.468	1.468	0	%100
23	M84	X	0	0	0	%100
24	M84	Z	0	0	0	%100
25	M85	X	0	0	0	%100
26	M85	Z	1.406	1.406	0	%100
27	M91	X	0	0	0	%100
28	M91	Z	1.468	1.468	0	%100
29	M52A	X	0	0	0	%100
30	M52A	Z	3.326	3.326	0	%100
31	M53	X	0	0	0	%100
32	M53	Z	.901	.901	0	%100
33	M54	X	0	0	0	%100
34	M54	Z	.901	.901	0	%100
35	M55	X	0	0	0	%100
36	M55	Z	1.408	1.408	0	%100
37	M58A	X	0	0	0	%100
38	M58A	Z	1.037	1.037	0	%100
39	M59A	X	0	0	0	%100
40	M59A	Z	4.148	4.148	0	%100
41	M63	X	0	0	0	%100
42	M63	Z	4.156	4.156	0	%100
43	M64	X	0	0	0	%100
44	M64	Z	1.406	1.406	0	%100
45	M66	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	M66	Z	1.468	1.468	0	%100
47	M68	X	0	0	0	%100
48	M68	Z	4.156	4.156	0	%100
49	M69	X	0	0	0	%100
50	M69	Z	5.625	5.625	0	%100
51	M71	X	0	0	0	%100
52	M71	Z	5.87	5.87	0	%100
53	M76A	X	0	0	0	%100
54	M76A	Z	3.326	3.326	0	%100
55	M77A	X	0	0	0	%100
56	M77A	Z	.901	.901	0	%100
57	M78	X	0	0	0	%100
58	M78	Z	.901	.901	0	%100
59	M79A	X	0	0	0	%100
60	M79A	Z	1.408	1.408	0	%100
61	M82	X	0	0	0	%100
62	M82	Z	4.148	4.148	0	%100
63	M83A	X	0	0	0	%100
64	M83A	Z	1.037	1.037	0	%100
65	M87	X	0	0	0	%100
66	M87	Z	4.156	4.156	0	%100
67	M88A	X	0	0	0	%100
68	M88A	Z	5.625	5.625	0	%100
69	M90	X	0	0	0	%100
70	M90	Z	5.87	5.87	0	%100
71	M92A	X	0	0	0	%100
72	M92A	Z	4.156	4.156	0	%100
73	M93	X	0	0	0	%100
74	M93	Z	1.406	1.406	0	%100
75	M95	X	0	0	0	%100
76	M95	Z	1.468	1.468	0	%100
77	M76B	X	0	0	0	%100
78	M76B	Z	1.098	1.098	0	%100
79	M77B	X	0	0	0	%100
80	M77B	Z	1.098	1.098	0	%100
81	MP2A	X	0	0	0	%100
82	MP2A	Z	3.546	3.546	0	%100
83	MP3A	X	0	0	0	%100
84	MP3A	Z	3.922	3.922	0	%100
85	MP4A	X	0	0	0	%100
86	MP4A	Z	3.546	3.546	0	%100
87	MP1C	X	0	0	0	%100
88	MP1C	Z	3.546	3.546	0	%100
89	MP4C	X	0	0	0	%100
90	MP4C	Z	3.546	3.546	0	%100
91	MP1B	X	0	0	0	%100
92	MP1B	Z	3.546	3.546	0	%100
93	MP4B	X	0	0	0	%100
94	MP4B	Z	3.546	3.546	0	%100
95	MP2C	X	0	0	0	%100
96	MP2C	Z	3.546	3.546	0	%100
97	MP3C	X	0	0	0	%100
98	MP3C	Z	3.922	3.922	0	%100
99	MP2B	X	0	0	0	%100
100	MP2B	Z	3.546	3.546	0	%100
101	MP3B	X	0	0	0	%100
102	MP3B	Z	3.922	3.922	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	OVP	X	0	0	0	%100
104	OVP	Z	2.908	2.908	0	%100
105	M102	X	0	0	0	%100
106	M102	Z	3.922	3.922	0	%100
107	M107	X	0	0	0	%100
108	M107	Z	.981	.981	0	%100
109	M112	X	0	0	0	%100
110	M112	Z	.981	.981	0	%100
111	M123	X	0	0	0	%100
112	M123	Z	1	1	0	%100
113	M124	X	0	0	0	%100
114	M124	Z	1	1	0	%100
115	M125	X	0	0	0	%100
116	M125	Z	4.002	4.002	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	FACE	X	-1.647	-1.647	0	%100
2	FACE	Z	2.853	2.853	0	%100
3	M4	X	-.554	-.554	0	%100
4	M4	Z	.96	.96	0	%100
5	M10	X	-1.352	-1.352	0	%100
6	M10	Z	2.342	2.342	0	%100
7	MP1A	X	-1.773	-1.773	0	%100
8	MP1A	Z	3.071	3.071	0	%100
9	M43	X	-1.352	-1.352	0	%100
10	M43	Z	2.342	2.342	0	%100
11	M46	X	-2.112	-2.112	0	%100
12	M46	Z	3.659	3.659	0	%100
13	M51B	X	-1.556	-1.556	0	%100
14	M51B	Z	2.694	2.694	0	%100
15	M52B	X	0	0	0	%100
16	M52B	Z	0	0	0	%100
17	M76	X	-.693	-.693	0	%100
18	M76	Z	1.2	1.2	0	%100
19	M77	X	-2.11	-2.11	0	%100
20	M77	Z	3.654	3.654	0	%100
21	M80	X	-2.201	-2.201	0	%100
22	M80	Z	3.813	3.813	0	%100
23	M84	X	-.693	-.693	0	%100
24	M84	Z	1.2	1.2	0	%100
25	M85	X	0	0	0	%100
26	M85	Z	0	0	0	%100
27	M91	X	0	0	0	%100
28	M91	Z	0	0	0	%100
29	M52A	X	-.554	-.554	0	%100
30	M52A	Z	.96	.96	0	%100
31	M53	X	-1.352	-1.352	0	%100
32	M53	Z	2.342	2.342	0	%100
33	M54	X	-1.352	-1.352	0	%100
34	M54	Z	2.342	2.342	0	%100
35	M55	X	-2.112	-2.112	0	%100
36	M55	Z	3.659	3.659	0	%100
37	M58A	X	0	0	0	%100
38	M58A	Z	0	0	0	%100
39	M59A	X	-1.556	-1.556	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,%]
40	M59A	Z	2.694	2.694	0	%100
41	M63	X	-.693	-.693	0	%100
42	M63	Z	1.2	1.2	0	%100
43	M64	X	0	0	0	%100
44	M64	Z	0	0	0	%100
45	M66	X	0	0	0	%100
46	M66	Z	0	0	0	%100
47	M68	X	-.693	-.693	0	%100
48	M68	Z	1.2	1.2	0	%100
49	M69	X	-2.11	-2.11	0	%100
50	M69	Z	3.654	3.654	0	%100
51	M71	X	-2.201	-2.201	0	%100
52	M71	Z	3.813	3.813	0	%100
53	M76A	X	-2.217	-2.217	0	%100
54	M76A	Z	3.84	3.84	0	%100
55	M77A	X	0	0	0	%100
56	M77A	Z	0	0	0	%100
57	M78	X	0	0	0	%100
58	M78	Z	0	0	0	%100
59	M79A	X	0	0	0	%100
60	M79A	Z	0	0	0	%100
61	M82	X	-1.556	-1.556	0	%100
62	M82	Z	2.694	2.694	0	%100
63	M83A	X	-1.556	-1.556	0	%100
64	M83A	Z	2.694	2.694	0	%100
65	M87	X	-2.771	-2.771	0	%100
66	M87	Z	4.799	4.799	0	%100
67	M88A	X	-2.11	-2.11	0	%100
68	M88A	Z	3.654	3.654	0	%100
69	M90	X	-2.201	-2.201	0	%100
70	M90	Z	3.813	3.813	0	%100
71	M92A	X	-2.771	-2.771	0	%100
72	M92A	Z	4.799	4.799	0	%100
73	M93	X	-2.11	-2.11	0	%100
74	M93	Z	3.654	3.654	0	%100
75	M95	X	-2.201	-2.201	0	%100
76	M95	Z	3.813	3.813	0	%100
77	M76B	X	-1.647	-1.647	0	%100
78	M76B	Z	2.853	2.853	0	%100
79	M77B	X	0	0	0	%100
80	M77B	Z	0	0	0	%100
81	MP2A	X	-1.773	-1.773	0	%100
82	MP2A	Z	3.071	3.071	0	%100
83	MP3A	X	-1.961	-1.961	0	%100
84	MP3A	Z	3.397	3.397	0	%100
85	MP4A	X	-1.773	-1.773	0	%100
86	MP4A	Z	3.071	3.071	0	%100
87	MP1C	X	-1.773	-1.773	0	%100
88	MP1C	Z	3.071	3.071	0	%100
89	MP4C	X	-1.773	-1.773	0	%100
90	MP4C	Z	3.071	3.071	0	%100
91	MP1B	X	-1.773	-1.773	0	%100
92	MP1B	Z	3.071	3.071	0	%100
93	MP4B	X	-1.773	-1.773	0	%100
94	MP4B	Z	3.071	3.071	0	%100
95	MP2C	X	-1.773	-1.773	0	%100
96	MP2C	Z	3.071	3.071	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,%]
97	MP3C	X	-1.961	-1.961	0	%100
98	MP3C	Z	3.397	3.397	0	%100
99	MP2B	X	-1.773	-1.773	0	%100
100	MP2B	Z	3.071	3.071	0	%100
101	MP3B	X	-1.961	-1.961	0	%100
102	MP3B	Z	3.397	3.397	0	%100
103	OVP	X	-1.454	-1.454	0	%100
104	OVP	Z	2.518	2.518	0	%100
105	M102	X	-1.471	-1.471	0	%100
106	M102	Z	2.548	2.548	0	%100
107	M107	X	-1.471	-1.471	0	%100
108	M107	Z	2.548	2.548	0	%100
109	M112	X	0	0	0	%100
110	M112	Z	0	0	0	%100
111	M123	X	-1.501	-1.501	0	%100
112	M123	Z	2.599	2.599	0	%100
113	M124	X	0	0	0	%100
114	M124	Z	0	0	0	%100
115	M125	X	-1.501	-1.501	0	%100
116	M125	Z	2.599	2.599	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	FACE	X	-.951	-.951	0	%100
2	FACE	Z	.549	.549	0	%100
3	M4	X	-2.88	-2.88	0	%100
4	M4	Z	1.663	1.663	0	%100
5	M10	X	-.781	-.781	0	%100
6	M10	Z	.451	.451	0	%100
7	MP1A	X	-3.071	-3.071	0	%100
8	MP1A	Z	1.773	1.773	0	%100
9	M43	X	-.781	-.781	0	%100
10	M43	Z	.451	.451	0	%100
11	M46	X	-1.22	-1.22	0	%100
12	M46	Z	.704	.704	0	%100
13	M51B	X	-3.592	-3.592	0	%100
14	M51B	Z	2.074	2.074	0	%100
15	M52B	X	-.898	-.898	0	%100
16	M52B	Z	.519	.519	0	%100
17	M76	X	-3.599	-3.599	0	%100
18	M76	Z	2.078	2.078	0	%100
19	M77	X	-4.872	-4.872	0	%100
20	M77	Z	2.813	2.813	0	%100
21	M80	X	-5.084	-5.084	0	%100
22	M80	Z	2.935	2.935	0	%100
23	M84	X	-3.599	-3.599	0	%100
24	M84	Z	2.078	2.078	0	%100
25	M85	X	-1.218	-1.218	0	%100
26	M85	Z	.703	.703	0	%100
27	M91	X	-1.271	-1.271	0	%100
28	M91	Z	.734	.734	0	%100
29	M52A	X	0	0	0	%100
30	M52A	Z	0	0	0	%100
31	M53	X	-3.123	-3.123	0	%100
32	M53	Z	1.803	1.803	0	%100
33	M54	X	-3.123	-3.123	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,%]
34	M54	Z	1.803	1.803	0	%100
35	M55	X	-4.878	-4.878	0	%100
36	M55	Z	2.816	2.816	0	%100
37	M58A	X	-.898	-.898	0	%100
38	M58A	Z	.519	.519	0	%100
39	M59A	X	-.898	-.898	0	%100
40	M59A	Z	.519	.519	0	%100
41	M63	X	0	0	0	%100
42	M63	Z	0	0	0	%100
43	M64	X	-1.218	-1.218	0	%100
44	M64	Z	.703	.703	0	%100
45	M66	X	-1.271	-1.271	0	%100
46	M66	Z	.734	.734	0	%100
47	M68	X	0	0	0	%100
48	M68	Z	0	0	0	%100
49	M69	X	-1.218	-1.218	0	%100
50	M69	Z	.703	.703	0	%100
51	M71	X	-1.271	-1.271	0	%100
52	M71	Z	.734	.734	0	%100
53	M76A	X	-2.88	-2.88	0	%100
54	M76A	Z	1.663	1.663	0	%100
55	M77A	X	-.781	-.781	0	%100
56	M77A	Z	.451	.451	0	%100
57	M78	X	-.781	-.781	0	%100
58	M78	Z	.451	.451	0	%100
59	M79A	X	-1.22	-1.22	0	%100
60	M79A	Z	.704	.704	0	%100
61	M82	X	-.898	-.898	0	%100
62	M82	Z	.519	.519	0	%100
63	M83A	X	-3.592	-3.592	0	%100
64	M83A	Z	2.074	2.074	0	%100
65	M87	X	-3.599	-3.599	0	%100
66	M87	Z	2.078	2.078	0	%100
67	M88A	X	-1.218	-1.218	0	%100
68	M88A	Z	.703	.703	0	%100
69	M90	X	-1.271	-1.271	0	%100
70	M90	Z	.734	.734	0	%100
71	M92A	X	-3.599	-3.599	0	%100
72	M92A	Z	2.078	2.078	0	%100
73	M93	X	-4.872	-4.872	0	%100
74	M93	Z	2.813	2.813	0	%100
75	M95	X	-5.084	-5.084	0	%100
76	M95	Z	2.935	2.935	0	%100
77	M76B	X	-3.804	-3.804	0	%100
78	M76B	Z	2.196	2.196	0	%100
79	M77B	X	-.951	-.951	0	%100
80	M77B	Z	.549	.549	0	%100
81	MP2A	X	-3.071	-3.071	0	%100
82	MP2A	Z	1.773	1.773	0	%100
83	MP3A	X	-3.397	-3.397	0	%100
84	MP3A	Z	1.961	1.961	0	%100
85	MP4A	X	-3.071	-3.071	0	%100
86	MP4A	Z	1.773	1.773	0	%100
87	MP1C	X	-3.071	-3.071	0	%100
88	MP1C	Z	1.773	1.773	0	%100
89	MP4C	X	-3.071	-3.071	0	%100
90	MP4C	Z	1.773	1.773	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,%]
91	MP1B	X	-3.071	-3.071	0	%100
92	MP1B	Z	1.773	1.773	0	%100
93	MP4B	X	-3.071	-3.071	0	%100
94	MP4B	Z	1.773	1.773	0	%100
95	MP2C	X	-3.071	-3.071	0	%100
96	MP2C	Z	1.773	1.773	0	%100
97	MP3C	X	-3.397	-3.397	0	%100
98	MP3C	Z	1.961	1.961	0	%100
99	MP2B	X	-3.071	-3.071	0	%100
100	MP2B	Z	1.773	1.773	0	%100
101	MP3B	X	-3.397	-3.397	0	%100
102	MP3B	Z	1.961	1.961	0	%100
103	OVP	X	-2.518	-2.518	0	%100
104	OVP	Z	1.454	1.454	0	%100
105	M102	X	-.849	-.849	0	%100
106	M102	Z	.49	.49	0	%100
107	M107	X	-3.397	-3.397	0	%100
108	M107	Z	1.961	1.961	0	%100
109	M112	X	-.849	-.849	0	%100
110	M112	Z	.49	.49	0	%100
111	M123	X	-3.465	-3.465	0	%100
112	M123	Z	2.001	2.001	0	%100
113	M124	X	-.866	-.866	0	%100
114	M124	Z	.5	.5	0	%100
115	M125	X	-.866	-.866	0	%100
116	M125	Z	.5	.5	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	FACE	X	0	0	0	%100
2	FACE	Z	0	0	0	%100
3	M4	X	-4.434	-4.434	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	MP1A	X	-3.546	-3.546	0	%100
8	MP1A	Z	0	0	0	%100
9	M43	X	0	0	0	%100
10	M43	Z	0	0	0	%100
11	M46	X	0	0	0	%100
12	M46	Z	0	0	0	%100
13	M51B	X	-3.111	-3.111	0	%100
14	M51B	Z	0	0	0	%100
15	M52B	X	-3.111	-3.111	0	%100
16	M52B	Z	0	0	0	%100
17	M76	X	-5.542	-5.542	0	%100
18	M76	Z	0	0	0	%100
19	M77	X	-4.219	-4.219	0	%100
20	M77	Z	0	0	0	%100
21	M80	X	-4.403	-4.403	0	%100
22	M80	Z	0	0	0	%100
23	M84	X	-5.542	-5.542	0	%100
24	M84	Z	0	0	0	%100
25	M85	X	-4.219	-4.219	0	%100
26	M85	Z	0	0	0	%100
27	M91	X	-4.403	-4.403	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,%]
28	M91	Z	0	0	0	%100
29	M52A	X	-1.109	-1.109	0	%100
30	M52A	Z	0	0	0	%100
31	M53	X	-2.704	-2.704	0	%100
32	M53	Z	0	0	0	%100
33	M54	X	-2.704	-2.704	0	%100
34	M54	Z	0	0	0	%100
35	M55	X	-4.225	-4.225	0	%100
36	M55	Z	0	0	0	%100
37	M58A	X	-3.111	-3.111	0	%100
38	M58A	Z	0	0	0	%100
39	M59A	X	0	0	0	%100
40	M59A	Z	0	0	0	%100
41	M63	X	-1.385	-1.385	0	%100
42	M63	Z	0	0	0	%100
43	M64	X	-4.219	-4.219	0	%100
44	M64	Z	0	0	0	%100
45	M66	X	-4.403	-4.403	0	%100
46	M66	Z	0	0	0	%100
47	M68	X	-1.385	-1.385	0	%100
48	M68	Z	0	0	0	%100
49	M69	X	0	0	0	%100
50	M69	Z	0	0	0	%100
51	M71	X	0	0	0	%100
52	M71	Z	0	0	0	%100
53	M76A	X	-1.109	-1.109	0	%100
54	M76A	Z	0	0	0	%100
55	M77A	X	-2.704	-2.704	0	%100
56	M77A	Z	0	0	0	%100
57	M78	X	-2.704	-2.704	0	%100
58	M78	Z	0	0	0	%100
59	M79A	X	-4.225	-4.225	0	%100
60	M79A	Z	0	0	0	%100
61	M82	X	0	0	0	%100
62	M82	Z	0	0	0	%100
63	M83A	X	-3.111	-3.111	0	%100
64	M83A	Z	0	0	0	%100
65	M87	X	-1.385	-1.385	0	%100
66	M87	Z	0	0	0	%100
67	M88A	X	0	0	0	%100
68	M88A	Z	0	0	0	%100
69	M90	X	0	0	0	%100
70	M90	Z	0	0	0	%100
71	M92A	X	-1.385	-1.385	0	%100
72	M92A	Z	0	0	0	%100
73	M93	X	-4.219	-4.219	0	%100
74	M93	Z	0	0	0	%100
75	M95	X	-4.403	-4.403	0	%100
76	M95	Z	0	0	0	%100
77	M76B	X	-3.295	-3.295	0	%100
78	M76B	Z	0	0	0	%100
79	M77B	X	-3.295	-3.295	0	%100
80	M77B	Z	0	0	0	%100
81	MP2A	X	-3.546	-3.546	0	%100
82	MP2A	Z	0	0	0	%100
83	MP3A	X	-3.922	-3.922	0	%100
84	MP3A	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,%]
85	MP4A	X	-3.546	-3.546	0	%100
86	MP4A	Z	0	0	0	%100
87	MP1C	X	-3.546	-3.546	0	%100
88	MP1C	Z	0	0	0	%100
89	MP4C	X	-3.546	-3.546	0	%100
90	MP4C	Z	0	0	0	%100
91	MP1B	X	-3.546	-3.546	0	%100
92	MP1B	Z	0	0	0	%100
93	MP4B	X	-3.546	-3.546	0	%100
94	MP4B	Z	0	0	0	%100
95	MP2C	X	-3.546	-3.546	0	%100
96	MP2C	Z	0	0	0	%100
97	MP3C	X	-3.922	-3.922	0	%100
98	MP3C	Z	0	0	0	%100
99	MP2B	X	-3.546	-3.546	0	%100
100	MP2B	Z	0	0	0	%100
101	MP3B	X	-3.922	-3.922	0	%100
102	MP3B	Z	0	0	0	%100
103	OVP	X	-2.908	-2.908	0	%100
104	OVP	Z	0	0	0	%100
105	M102	X	0	0	0	%100
106	M102	Z	0	0	0	%100
107	M107	X	-2.942	-2.942	0	%100
108	M107	Z	0	0	0	%100
109	M112	X	-2.942	-2.942	0	%100
110	M112	Z	0	0	0	%100
111	M123	X	-3.001	-3.001	0	%100
112	M123	Z	0	0	0	%100
113	M124	X	-3.001	-3.001	0	%100
114	M124	Z	0	0	0	%100
115	M125	X	0	0	0	%100
116	M125	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	FACE	X	-.951	-.951	0	%100
2	FACE	Z	-.549	-.549	0	%100
3	M4	X	-2.88	-2.88	0	%100
4	M4	Z	-1.663	-1.663	0	%100
5	M10	X	-.781	-.781	0	%100
6	M10	Z	-.451	-.451	0	%100
7	MP1A	X	-3.071	-3.071	0	%100
8	MP1A	Z	-1.773	-1.773	0	%100
9	M43	X	-.781	-.781	0	%100
10	M43	Z	-.451	-.451	0	%100
11	M46	X	-1.22	-1.22	0	%100
12	M46	Z	-.704	-.704	0	%100
13	M51B	X	-.898	-.898	0	%100
14	M51B	Z	-.519	-.519	0	%100
15	M52B	X	-3.592	-3.592	0	%100
16	M52B	Z	-2.074	-2.074	0	%100
17	M76	X	-3.599	-3.599	0	%100
18	M76	Z	-2.078	-2.078	0	%100
19	M77	X	-1.218	-1.218	0	%100
20	M77	Z	-.703	-.703	0	%100
21	M80	X	-1.271	-1.271	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,%]
22	M80	Z	-.734	-.734	0	%100
23	M84	X	-3.599	-3.599	0	%100
24	M84	Z	-2.078	-2.078	0	%100
25	M85	X	-4.872	-4.872	0	%100
26	M85	Z	-2.813	-2.813	0	%100
27	M91	X	-5.084	-5.084	0	%100
28	M91	Z	-2.935	-2.935	0	%100
29	M52A	X	-2.88	-2.88	0	%100
30	M52A	Z	-1.663	-1.663	0	%100
31	M53	X	-.781	-.781	0	%100
32	M53	Z	-.451	-.451	0	%100
33	M54	X	-.781	-.781	0	%100
34	M54	Z	-.451	-.451	0	%100
35	M55	X	-1.22	-1.22	0	%100
36	M55	Z	-.704	-.704	0	%100
37	M58A	X	-3.592	-3.592	0	%100
38	M58A	Z	-2.074	-2.074	0	%100
39	M59A	X	-.898	-.898	0	%100
40	M59A	Z	-.519	-.519	0	%100
41	M63	X	-3.599	-3.599	0	%100
42	M63	Z	-2.078	-2.078	0	%100
43	M64	X	-4.872	-4.872	0	%100
44	M64	Z	-2.813	-2.813	0	%100
45	M66	X	-5.084	-5.084	0	%100
46	M66	Z	-2.935	-2.935	0	%100
47	M68	X	-3.599	-3.599	0	%100
48	M68	Z	-2.078	-2.078	0	%100
49	M69	X	-1.218	-1.218	0	%100
50	M69	Z	-.703	-.703	0	%100
51	M71	X	-1.271	-1.271	0	%100
52	M71	Z	-.734	-.734	0	%100
53	M76A	X	0	0	0	%100
54	M76A	Z	0	0	0	%100
55	M77A	X	-3.123	-3.123	0	%100
56	M77A	Z	-1.803	-1.803	0	%100
57	M78	X	-3.123	-3.123	0	%100
58	M78	Z	-1.803	-1.803	0	%100
59	M79A	X	-4.878	-4.878	0	%100
60	M79A	Z	-2.816	-2.816	0	%100
61	M82	X	-.898	-.898	0	%100
62	M82	Z	-.519	-.519	0	%100
63	M83A	X	-.898	-.898	0	%100
64	M83A	Z	-.519	-.519	0	%100
65	M87	X	0	0	0	%100
66	M87	Z	0	0	0	%100
67	M88A	X	-1.218	-1.218	0	%100
68	M88A	Z	-.703	-.703	0	%100
69	M90	X	-1.271	-1.271	0	%100
70	M90	Z	-.734	-.734	0	%100
71	M92A	X	0	0	0	%100
72	M92A	Z	0	0	0	%100
73	M93	X	-1.218	-1.218	0	%100
74	M93	Z	-.703	-.703	0	%100
75	M95	X	-1.271	-1.271	0	%100
76	M95	Z	-.734	-.734	0	%100
77	M76B	X	-.951	-.951	0	%100
78	M76B	Z	-.549	-.549	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,%]
79	M77B	X	-3.804	-3.804	0	%100
80	M77B	Z	-2.196	-2.196	0	%100
81	MP2A	X	-3.071	-3.071	0	%100
82	MP2A	Z	-1.773	-1.773	0	%100
83	MP3A	X	-3.397	-3.397	0	%100
84	MP3A	Z	-1.961	-1.961	0	%100
85	MP4A	X	-3.071	-3.071	0	%100
86	MP4A	Z	-1.773	-1.773	0	%100
87	MP1C	X	-3.071	-3.071	0	%100
88	MP1C	Z	-1.773	-1.773	0	%100
89	MP4C	X	-3.071	-3.071	0	%100
90	MP4C	Z	-1.773	-1.773	0	%100
91	MP1B	X	-3.071	-3.071	0	%100
92	MP1B	Z	-1.773	-1.773	0	%100
93	MP4B	X	-3.071	-3.071	0	%100
94	MP4B	Z	-1.773	-1.773	0	%100
95	MP2C	X	-3.071	-3.071	0	%100
96	MP2C	Z	-1.773	-1.773	0	%100
97	MP3C	X	-3.397	-3.397	0	%100
98	MP3C	Z	-1.961	-1.961	0	%100
99	MP2B	X	-3.071	-3.071	0	%100
100	MP2B	Z	-1.773	-1.773	0	%100
101	MP3B	X	-3.397	-3.397	0	%100
102	MP3B	Z	-1.961	-1.961	0	%100
103	OVP	X	-2.518	-2.518	0	%100
104	OVP	Z	-1.454	-1.454	0	%100
105	M102	X	-.849	-.849	0	%100
106	M102	Z	-.49	-.49	0	%100
107	M107	X	-.849	-.849	0	%100
108	M107	Z	-.49	-.49	0	%100
109	M112	X	-3.397	-3.397	0	%100
110	M112	Z	-1.961	-1.961	0	%100
111	M123	X	-.866	-.866	0	%100
112	M123	Z	-.5	-.5	0	%100
113	M124	X	-3.465	-3.465	0	%100
114	M124	Z	-2.001	-2.001	0	%100
115	M125	X	-.866	-.866	0	%100
116	M125	Z	-.5	-.5	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	FACE	X	-1.647	-1.647	0	%100
2	FACE	Z	-2.853	-2.853	0	%100
3	M4	X	-.554	-.554	0	%100
4	M4	Z	-.96	-.96	0	%100
5	M10	X	-1.352	-1.352	0	%100
6	M10	Z	-2.342	-2.342	0	%100
7	MP1A	X	-1.773	-1.773	0	%100
8	MP1A	Z	-3.071	-3.071	0	%100
9	M43	X	-1.352	-1.352	0	%100
10	M43	Z	-2.342	-2.342	0	%100
11	M46	X	-2.112	-2.112	0	%100
12	M46	Z	-3.659	-3.659	0	%100
13	M51B	X	0	0	0	%100
14	M51B	Z	0	0	0	%100
15	M52B	X	-1.556	-1.556	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,%]
16	M52B	Z	-2.694	-2.694	0	%100
17	M76	X	-.693	-.693	0	%100
18	M76	Z	-1.2	-1.2	0	%100
19	M77	X	0	0	0	%100
20	M77	Z	0	0	0	%100
21	M80	X	0	0	0	%100
22	M80	Z	0	0	0	%100
23	M84	X	-.693	-.693	0	%100
24	M84	Z	-1.2	-1.2	0	%100
25	M85	X	-2.11	-2.11	0	%100
26	M85	Z	-3.654	-3.654	0	%100
27	M91	X	-2.201	-2.201	0	%100
28	M91	Z	-3.813	-3.813	0	%100
29	M52A	X	-2.217	-2.217	0	%100
30	M52A	Z	-3.84	-3.84	0	%100
31	M53	X	0	0	0	%100
32	M53	Z	0	0	0	%100
33	M54	X	0	0	0	%100
34	M54	Z	0	0	0	%100
35	M55	X	0	0	0	%100
36	M55	Z	0	0	0	%100
37	M58A	X	-1.556	-1.556	0	%100
38	M58A	Z	-2.694	-2.694	0	%100
39	M59A	X	-1.556	-1.556	0	%100
40	M59A	Z	-2.694	-2.694	0	%100
41	M63	X	-2.771	-2.771	0	%100
42	M63	Z	-4.799	-4.799	0	%100
43	M64	X	-2.11	-2.11	0	%100
44	M64	Z	-3.654	-3.654	0	%100
45	M66	X	-2.201	-2.201	0	%100
46	M66	Z	-3.813	-3.813	0	%100
47	M68	X	-2.771	-2.771	0	%100
48	M68	Z	-4.799	-4.799	0	%100
49	M69	X	-2.11	-2.11	0	%100
50	M69	Z	-3.654	-3.654	0	%100
51	M71	X	-2.201	-2.201	0	%100
52	M71	Z	-3.813	-3.813	0	%100
53	M76A	X	-.554	-.554	0	%100
54	M76A	Z	-.96	-.96	0	%100
55	M77A	X	-1.352	-1.352	0	%100
56	M77A	Z	-2.342	-2.342	0	%100
57	M78	X	-1.352	-1.352	0	%100
58	M78	Z	-2.342	-2.342	0	%100
59	M79A	X	-2.112	-2.112	0	%100
60	M79A	Z	-3.659	-3.659	0	%100
61	M82	X	-1.556	-1.556	0	%100
62	M82	Z	-2.694	-2.694	0	%100
63	M83A	X	0	0	0	%100
64	M83A	Z	0	0	0	%100
65	M87	X	-.693	-.693	0	%100
66	M87	Z	-1.2	-1.2	0	%100
67	M88A	X	-2.11	-2.11	0	%100
68	M88A	Z	-3.654	-3.654	0	%100
69	M90	X	-2.201	-2.201	0	%100
70	M90	Z	-3.813	-3.813	0	%100
71	M92A	X	-.693	-.693	0	%100
72	M92A	Z	-1.2	-1.2	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,%]
73	M93	X	0	0	0	%100
74	M93	Z	0	0	0	%100
75	M95	X	0	0	0	%100
76	M95	Z	0	0	0	%100
77	M76B	X	0	0	0	%100
78	M76B	Z	0	0	0	%100
79	M77B	X	-1.647	-1.647	0	%100
80	M77B	Z	-2.853	-2.853	0	%100
81	MP2A	X	-1.773	-1.773	0	%100
82	MP2A	Z	-3.071	-3.071	0	%100
83	MP3A	X	-1.961	-1.961	0	%100
84	MP3A	Z	-3.397	-3.397	0	%100
85	MP4A	X	-1.773	-1.773	0	%100
86	MP4A	Z	-3.071	-3.071	0	%100
87	MP1C	X	-1.773	-1.773	0	%100
88	MP1C	Z	-3.071	-3.071	0	%100
89	MP4C	X	-1.773	-1.773	0	%100
90	MP4C	Z	-3.071	-3.071	0	%100
91	MP1B	X	-1.773	-1.773	0	%100
92	MP1B	Z	-3.071	-3.071	0	%100
93	MP4B	X	-1.773	-1.773	0	%100
94	MP4B	Z	-3.071	-3.071	0	%100
95	MP2C	X	-1.773	-1.773	0	%100
96	MP2C	Z	-3.071	-3.071	0	%100
97	MP3C	X	-1.961	-1.961	0	%100
98	MP3C	Z	-3.397	-3.397	0	%100
99	MP2B	X	-1.773	-1.773	0	%100
100	MP2B	Z	-3.071	-3.071	0	%100
101	MP3B	X	-1.961	-1.961	0	%100
102	MP3B	Z	-3.397	-3.397	0	%100
103	OVP	X	-1.454	-1.454	0	%100
104	OVP	Z	-2.518	-2.518	0	%100
105	M102	X	-1.471	-1.471	0	%100
106	M102	Z	-2.548	-2.548	0	%100
107	M107	X	0	0	0	%100
108	M107	Z	0	0	0	%100
109	M112	X	-1.471	-1.471	0	%100
110	M112	Z	-2.548	-2.548	0	%100
111	M123	X	0	0	0	%100
112	M123	Z	0	0	0	%100
113	M124	X	-1.501	-1.501	0	%100
114	M124	Z	-2.599	-2.599	0	%100
115	M125	X	-1.501	-1.501	0	%100
116	M125	Z	-2.599	-2.599	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	FACE	X	0	0	0	%100
2	FACE	Z	-.865	-.865	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	-.815	-.815	0	%100
7	MP1A	X	0	0	0	%100
8	MP1A	Z	-.644	-.644	0	%100
9	M43	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,%]
10	M43	Z	-.815	-.815	0	%100
11	M46	X	0	0	0	%100
12	M46	Z	-1.626	-1.626	0	%100
13	M51B	X	0	0	0	%100
14	M51B	Z	-.226	-.226	0	%100
15	M52B	X	0	0	0	%100
16	M52B	Z	-.226	-.226	0	%100
17	M76	X	0	0	0	%100
18	M76	Z	0	0	0	%100
19	M77	X	0	0	0	%100
20	M77	Z	-.414	-.414	0	%100
21	M80	X	0	0	0	%100
22	M80	Z	-.436	-.436	0	%100
23	M84	X	0	0	0	%100
24	M84	Z	0	0	0	%100
25	M85	X	0	0	0	%100
26	M85	Z	-.414	-.414	0	%100
27	M91	X	0	0	0	%100
28	M91	Z	-.436	-.436	0	%100
29	M52A	X	0	0	0	%100
30	M52A	Z	-.722	-.722	0	%100
31	M53	X	0	0	0	%100
32	M53	Z	-.204	-.204	0	%100
33	M54	X	0	0	0	%100
34	M54	Z	-.204	-.204	0	%100
35	M55	X	0	0	0	%100
36	M55	Z	-.406	-.406	0	%100
37	M58A	X	0	0	0	%100
38	M58A	Z	-.226	-.226	0	%100
39	M59A	X	0	0	0	%100
40	M59A	Z	-.903	-.903	0	%100
41	M63	X	0	0	0	%100
42	M63	Z	-1.219	-1.219	0	%100
43	M64	X	0	0	0	%100
44	M64	Z	-.414	-.414	0	%100
45	M66	X	0	0	0	%100
46	M66	Z	-.436	-.436	0	%100
47	M68	X	0	0	0	%100
48	M68	Z	-1.219	-1.219	0	%100
49	M69	X	0	0	0	%100
50	M69	Z	-1.656	-1.656	0	%100
51	M71	X	0	0	0	%100
52	M71	Z	-1.744	-1.744	0	%100
53	M76A	X	0	0	0	%100
54	M76A	Z	-.722	-.722	0	%100
55	M77A	X	0	0	0	%100
56	M77A	Z	-.204	-.204	0	%100
57	M78	X	0	0	0	%100
58	M78	Z	-.204	-.204	0	%100
59	M79A	X	0	0	0	%100
60	M79A	Z	-.406	-.406	0	%100
61	M82	X	0	0	0	%100
62	M82	Z	-.903	-.903	0	%100
63	M83A	X	0	0	0	%100
64	M83A	Z	-.226	-.226	0	%100
65	M87	X	0	0	0	%100
66	M87	Z	-1.219	-1.219	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,%]
67	M88A	X	0	0	0	%100
68	M88A	Z	-1.656	-1.656	0	%100
69	M90	X	0	0	0	%100
70	M90	Z	-1.744	-1.744	0	%100
71	M92A	X	0	0	0	%100
72	M92A	Z	-1.219	-1.219	0	%100
73	M93	X	0	0	0	%100
74	M93	Z	-.414	-.414	0	%100
75	M95	X	0	0	0	%100
76	M95	Z	-.436	-.436	0	%100
77	M76B	X	0	0	0	%100
78	M76B	Z	-.216	-.216	0	%100
79	M77B	X	0	0	0	%100
80	M77B	Z	-.216	-.216	0	%100
81	MP2A	X	0	0	0	%100
82	MP2A	Z	-.644	-.644	0	%100
83	MP3A	X	0	0	0	%100
84	MP3A	Z	-.779	-.779	0	%100
85	MP4A	X	0	0	0	%100
86	MP4A	Z	-.644	-.644	0	%100
87	MP1C	X	0	0	0	%100
88	MP1C	Z	-.644	-.644	0	%100
89	MP4C	X	0	0	0	%100
90	MP4C	Z	-.644	-.644	0	%100
91	MP1B	X	0	0	0	%100
92	MP1B	Z	-.644	-.644	0	%100
93	MP4B	X	0	0	0	%100
94	MP4B	Z	-.644	-.644	0	%100
95	MP2C	X	0	0	0	%100
96	MP2C	Z	-.644	-.644	0	%100
97	MP3C	X	0	0	0	%100
98	MP3C	Z	-.779	-.779	0	%100
99	MP2B	X	0	0	0	%100
100	MP2B	Z	-.644	-.644	0	%100
101	MP3B	X	0	0	0	%100
102	MP3B	Z	-.779	-.779	0	%100
103	OVP	X	0	0	0	%100
104	OVP	Z	-.526	-.526	0	%100
105	M102	X	0	0	0	%100
106	M102	Z	-.779	-.779	0	%100
107	M107	X	0	0	0	%100
108	M107	Z	-.195	-.195	0	%100
109	M112	X	0	0	0	%100
110	M112	Z	-.195	-.195	0	%100
111	M123	X	0	0	0	%100
112	M123	Z	-.244	-.244	0	%100
113	M124	X	0	0	0	%100
114	M124	Z	-.244	-.244	0	%100
115	M125	X	0	0	0	%100
116	M125	Z	-.977	-.977	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	FACE	X	.324	.324	0	%100
2	FACE	Z	-.562	-.562	0	%100
3	M4	X	.12	.12	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,%]
4	M4	Z	-.209	-.209	0	%100
5	M10	X	.306	.306	0	%100
6	M10	Z	-.529	-.529	0	%100
7	MP1A	X	.322	.322	0	%100
8	MP1A	Z	-.557	-.557	0	%100
9	M43	X	.306	.306	0	%100
10	M43	Z	-.529	-.529	0	%100
11	M46	X	.61	.61	0	%100
12	M46	Z	-1.056	-1.056	0	%100
13	M51B	X	.339	.339	0	%100
14	M51B	Z	-.586	-.586	0	%100
15	M52B	X	0	0	0	%100
16	M52B	Z	0	0	0	%100
17	M76	X	.203	.203	0	%100
18	M76	Z	-.352	-.352	0	%100
19	M77	X	.621	.621	0	%100
20	M77	Z	-1.076	-1.076	0	%100
21	M80	X	.654	.654	0	%100
22	M80	Z	-1.133	-1.133	0	%100
23	M84	X	.203	.203	0	%100
24	M84	Z	-.352	-.352	0	%100
25	M85	X	0	0	0	%100
26	M85	Z	0	0	0	%100
27	M91	X	0	0	0	%100
28	M91	Z	0	0	0	%100
29	M52A	X	.12	.12	0	%100
30	M52A	Z	-.209	-.209	0	%100
31	M53	X	.306	.306	0	%100
32	M53	Z	-.529	-.529	0	%100
33	M54	X	.306	.306	0	%100
34	M54	Z	-.529	-.529	0	%100
35	M55	X	.61	.61	0	%100
36	M55	Z	-1.056	-1.056	0	%100
37	M58A	X	0	0	0	%100
38	M58A	Z	0	0	0	%100
39	M59A	X	.339	.339	0	%100
40	M59A	Z	-.586	-.586	0	%100
41	M63	X	.203	.203	0	%100
42	M63	Z	-.352	-.352	0	%100
43	M64	X	0	0	0	%100
44	M64	Z	0	0	0	%100
45	M66	X	0	0	0	%100
46	M66	Z	0	0	0	%100
47	M68	X	.203	.203	0	%100
48	M68	Z	-.352	-.352	0	%100
49	M69	X	.621	.621	0	%100
50	M69	Z	-1.076	-1.076	0	%100
51	M71	X	.654	.654	0	%100
52	M71	Z	-1.133	-1.133	0	%100
53	M76A	X	.482	.482	0	%100
54	M76A	Z	-.834	-.834	0	%100
55	M77A	X	0	0	0	%100
56	M77A	Z	0	0	0	%100
57	M78	X	0	0	0	%100
58	M78	Z	0	0	0	%100
59	M79A	X	0	0	0	%100
60	M79A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
61	M82	X	.339	.339	0	%100
62	M82	Z	-.586	-.586	0	%100
63	M83A	X	.339	.339	0	%100
64	M83A	Z	-.586	-.586	0	%100
65	M87	X	.813	.813	0	%100
66	M87	Z	-1.408	-1.408	0	%100
67	M88A	X	.621	.621	0	%100
68	M88A	Z	-1.076	-1.076	0	%100
69	M90	X	.654	.654	0	%100
70	M90	Z	-1.133	-1.133	0	%100
71	M92A	X	.813	.813	0	%100
72	M92A	Z	-1.408	-1.408	0	%100
73	M93	X	.621	.621	0	%100
74	M93	Z	-1.076	-1.076	0	%100
75	M95	X	.654	.654	0	%100
76	M95	Z	-1.133	-1.133	0	%100
77	M76B	X	.324	.324	0	%100
78	M76B	Z	-.562	-.562	0	%100
79	M77B	X	0	0	0	%100
80	M77B	Z	0	0	0	%100
81	MP2A	X	.322	.322	0	%100
82	MP2A	Z	-.557	-.557	0	%100
83	MP3A	X	.39	.39	0	%100
84	MP3A	Z	-.675	-.675	0	%100
85	MP4A	X	.322	.322	0	%100
86	MP4A	Z	-.557	-.557	0	%100
87	MP1C	X	.322	.322	0	%100
88	MP1C	Z	-.557	-.557	0	%100
89	MP4C	X	.322	.322	0	%100
90	MP4C	Z	-.557	-.557	0	%100
91	MP1B	X	.322	.322	0	%100
92	MP1B	Z	-.557	-.557	0	%100
93	MP4B	X	.322	.322	0	%100
94	MP4B	Z	-.557	-.557	0	%100
95	MP2C	X	.322	.322	0	%100
96	MP2C	Z	-.557	-.557	0	%100
97	MP3C	X	.39	.39	0	%100
98	MP3C	Z	-.675	-.675	0	%100
99	MP2B	X	.322	.322	0	%100
100	MP2B	Z	-.557	-.557	0	%100
101	MP3B	X	.39	.39	0	%100
102	MP3B	Z	-.675	-.675	0	%100
103	OVP	X	.263	.263	0	%100
104	OVP	Z	-.456	-.456	0	%100
105	M102	X	.292	.292	0	%100
106	M102	Z	-.506	-.506	0	%100
107	M107	X	.292	.292	0	%100
108	M107	Z	-.506	-.506	0	%100
109	M112	X	0	0	0	%100
110	M112	Z	0	0	0	%100
111	M123	X	.366	.366	0	%100
112	M123	Z	-.634	-.634	0	%100
113	M124	X	0	0	0	%100
114	M124	Z	0	0	0	%100
115	M125	X	.366	.366	0	%100
116	M125	Z	-.634	-.634	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	FACE	X	.187	.187	0	%100
2	FACE	Z	-.108	-.108	0	%100
3	M4	X	.626	.626	0	%100
4	M4	Z	-.361	-.361	0	%100
5	M10	X	.176	.176	0	%100
6	M10	Z	-.102	-.102	0	%100
7	MP1A	X	.557	.557	0	%100
8	MP1A	Z	-.322	-.322	0	%100
9	M43	X	.176	.176	0	%100
10	M43	Z	-.102	-.102	0	%100
11	M46	X	.352	.352	0	%100
12	M46	Z	-.203	-.203	0	%100
13	M51B	X	.782	.782	0	%100
14	M51B	Z	-.451	-.451	0	%100
15	M52B	X	.195	.195	0	%100
16	M52B	Z	-.113	-.113	0	%100
17	M76	X	1.056	1.056	0	%100
18	M76	Z	-.61	-.61	0	%100
19	M77	X	1.434	1.434	0	%100
20	M77	Z	-.828	-.828	0	%100
21	M80	X	1.51	1.51	0	%100
22	M80	Z	-.872	-.872	0	%100
23	M84	X	1.056	1.056	0	%100
24	M84	Z	-.61	-.61	0	%100
25	M85	X	.359	.359	0	%100
26	M85	Z	-.207	-.207	0	%100
27	M91	X	.378	.378	0	%100
28	M91	Z	-.218	-.218	0	%100
29	M52A	X	0	0	0	%100
30	M52A	Z	0	0	0	%100
31	M53	X	.706	.706	0	%100
32	M53	Z	-.408	-.408	0	%100
33	M54	X	.706	.706	0	%100
34	M54	Z	-.408	-.408	0	%100
35	M55	X	1.408	1.408	0	%100
36	M55	Z	-.813	-.813	0	%100
37	M58A	X	.195	.195	0	%100
38	M58A	Z	-.113	-.113	0	%100
39	M59A	X	.195	.195	0	%100
40	M59A	Z	-.113	-.113	0	%100
41	M63	X	0	0	0	%100
42	M63	Z	0	0	0	%100
43	M64	X	.359	.359	0	%100
44	M64	Z	-.207	-.207	0	%100
45	M66	X	.378	.378	0	%100
46	M66	Z	-.218	-.218	0	%100
47	M68	X	0	0	0	%100
48	M68	Z	0	0	0	%100
49	M69	X	.359	.359	0	%100
50	M69	Z	-.207	-.207	0	%100
51	M71	X	.378	.378	0	%100
52	M71	Z	-.218	-.218	0	%100
53	M76A	X	.626	.626	0	%100
54	M76A	Z	-.361	-.361	0	%100
55	M77A	X	.176	.176	0	%100
56	M77A	Z	-.102	-.102	0	%100
57	M78	X	.176	.176	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,%]
58	M78	Z	-.102	-.102	0	%100
59	M79A	X	.352	.352	0	%100
60	M79A	Z	-.203	-.203	0	%100
61	M82	X	.195	.195	0	%100
62	M82	Z	-.113	-.113	0	%100
63	M83A	X	.782	.782	0	%100
64	M83A	Z	-.451	-.451	0	%100
65	M87	X	1.056	1.056	0	%100
66	M87	Z	-.61	-.61	0	%100
67	M88A	X	.359	.359	0	%100
68	M88A	Z	-.207	-.207	0	%100
69	M90	X	.378	.378	0	%100
70	M90	Z	-.218	-.218	0	%100
71	M92A	X	1.056	1.056	0	%100
72	M92A	Z	-.61	-.61	0	%100
73	M93	X	1.434	1.434	0	%100
74	M93	Z	-.828	-.828	0	%100
75	M95	X	1.51	1.51	0	%100
76	M95	Z	-.872	-.872	0	%100
77	M76B	X	.749	.749	0	%100
78	M76B	Z	-.433	-.433	0	%100
79	M77B	X	.187	.187	0	%100
80	M77B	Z	-.108	-.108	0	%100
81	MP2A	X	.557	.557	0	%100
82	MP2A	Z	-.322	-.322	0	%100
83	MP3A	X	.675	.675	0	%100
84	MP3A	Z	-.39	-.39	0	%100
85	MP4A	X	.557	.557	0	%100
86	MP4A	Z	-.322	-.322	0	%100
87	MP1C	X	.557	.557	0	%100
88	MP1C	Z	-.322	-.322	0	%100
89	MP4C	X	.557	.557	0	%100
90	MP4C	Z	-.322	-.322	0	%100
91	MP1B	X	.557	.557	0	%100
92	MP1B	Z	-.322	-.322	0	%100
93	MP4B	X	.557	.557	0	%100
94	MP4B	Z	-.322	-.322	0	%100
95	MP2C	X	.557	.557	0	%100
96	MP2C	Z	-.322	-.322	0	%100
97	MP3C	X	.675	.675	0	%100
98	MP3C	Z	-.39	-.39	0	%100
99	MP2B	X	.557	.557	0	%100
100	MP2B	Z	-.322	-.322	0	%100
101	MP3B	X	.675	.675	0	%100
102	MP3B	Z	-.39	-.39	0	%100
103	OVP	X	.456	.456	0	%100
104	OVP	Z	-.263	-.263	0	%100
105	M102	X	.169	.169	0	%100
106	M102	Z	-.097	-.097	0	%100
107	M107	X	.675	.675	0	%100
108	M107	Z	-.39	-.39	0	%100
109	M112	X	.169	.169	0	%100
110	M112	Z	-.097	-.097	0	%100
111	M123	X	.846	.846	0	%100
112	M123	Z	-.488	-.488	0	%100
113	M124	X	.211	.211	0	%100
114	M124	Z	-.122	-.122	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,%]
115	M125	X	.211	.211	0	%100
116	M125	Z	-.122	-.122	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	FACE	X	0	0	0	%100
2	FACE	Z	0	0	0	%100
3	M4	X	.963	.963	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	MP1A	X	.644	.644	0	%100
8	MP1A	Z	0	0	0	%100
9	M43	X	0	0	0	%100
10	M43	Z	0	0	0	%100
11	M46	X	0	0	0	%100
12	M46	Z	0	0	0	%100
13	M51B	X	.677	.677	0	%100
14	M51B	Z	0	0	0	%100
15	M52B	X	.677	.677	0	%100
16	M52B	Z	0	0	0	%100
17	M76	X	1.626	1.626	0	%100
18	M76	Z	0	0	0	%100
19	M77	X	1.242	1.242	0	%100
20	M77	Z	0	0	0	%100
21	M80	X	1.308	1.308	0	%100
22	M80	Z	0	0	0	%100
23	M84	X	1.626	1.626	0	%100
24	M84	Z	0	0	0	%100
25	M85	X	1.242	1.242	0	%100
26	M85	Z	0	0	0	%100
27	M91	X	1.308	1.308	0	%100
28	M91	Z	0	0	0	%100
29	M52A	X	.241	.241	0	%100
30	M52A	Z	0	0	0	%100
31	M53	X	.611	.611	0	%100
32	M53	Z	0	0	0	%100
33	M54	X	.611	.611	0	%100
34	M54	Z	0	0	0	%100
35	M55	X	1.219	1.219	0	%100
36	M55	Z	0	0	0	%100
37	M58A	X	.677	.677	0	%100
38	M58A	Z	0	0	0	%100
39	M59A	X	0	0	0	%100
40	M59A	Z	0	0	0	%100
41	M63	X	.406	.406	0	%100
42	M63	Z	0	0	0	%100
43	M64	X	1.242	1.242	0	%100
44	M64	Z	0	0	0	%100
45	M66	X	1.308	1.308	0	%100
46	M66	Z	0	0	0	%100
47	M68	X	.406	.406	0	%100
48	M68	Z	0	0	0	%100
49	M69	X	0	0	0	%100
50	M69	Z	0	0	0	%100
51	M71	X	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,%]
52	M71	Z	0	0	0	%100
53	M76A	X	.241	.241	0	%100
54	M76A	Z	0	0	0	%100
55	M77A	X	.611	.611	0	%100
56	M77A	Z	0	0	0	%100
57	M78	X	.611	.611	0	%100
58	M78	Z	0	0	0	%100
59	M79A	X	1.219	1.219	0	%100
60	M79A	Z	0	0	0	%100
61	M82	X	0	0	0	%100
62	M82	Z	0	0	0	%100
63	M83A	X	.677	.677	0	%100
64	M83A	Z	0	0	0	%100
65	M87	X	.406	.406	0	%100
66	M87	Z	0	0	0	%100
67	M88A	X	0	0	0	%100
68	M88A	Z	0	0	0	%100
69	M90	X	0	0	0	%100
70	M90	Z	0	0	0	%100
71	M92A	X	.406	.406	0	%100
72	M92A	Z	0	0	0	%100
73	M93	X	1.242	1.242	0	%100
74	M93	Z	0	0	0	%100
75	M95	X	1.308	1.308	0	%100
76	M95	Z	0	0	0	%100
77	M76B	X	.649	.649	0	%100
78	M76B	Z	0	0	0	%100
79	M77B	X	.649	.649	0	%100
80	M77B	Z	0	0	0	%100
81	MP2A	X	.644	.644	0	%100
82	MP2A	Z	0	0	0	%100
83	MP3A	X	.779	.779	0	%100
84	MP3A	Z	0	0	0	%100
85	MP4A	X	.644	.644	0	%100
86	MP4A	Z	0	0	0	%100
87	MP1C	X	.644	.644	0	%100
88	MP1C	Z	0	0	0	%100
89	MP4C	X	.644	.644	0	%100
90	MP4C	Z	0	0	0	%100
91	MP1B	X	.644	.644	0	%100
92	MP1B	Z	0	0	0	%100
93	MP4B	X	.644	.644	0	%100
94	MP4B	Z	0	0	0	%100
95	MP2C	X	.644	.644	0	%100
96	MP2C	Z	0	0	0	%100
97	MP3C	X	.779	.779	0	%100
98	MP3C	Z	0	0	0	%100
99	MP2B	X	.644	.644	0	%100
100	MP2B	Z	0	0	0	%100
101	MP3B	X	.779	.779	0	%100
102	MP3B	Z	0	0	0	%100
103	OVP	X	.526	.526	0	%100
104	OVP	Z	0	0	0	%100
105	M102	X	0	0	0	%100
106	M102	Z	0	0	0	%100
107	M107	X	.584	.584	0	%100
108	M107	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,%]
109	M112	X	.584	.584	0	%100
110	M112	Z	0	0	0	%100
111	M123	X	.732	.732	0	%100
112	M123	Z	0	0	0	%100
113	M124	X	.732	.732	0	%100
114	M124	Z	0	0	0	%100
115	M125	X	0	0	0	%100
116	M125	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	FACE	X	.187	.187	0	%100
2	FACE	Z	.108	.108	0	%100
3	M4	X	.626	.626	0	%100
4	M4	Z	.361	.361	0	%100
5	M10	X	.176	.176	0	%100
6	M10	Z	.102	.102	0	%100
7	MP1A	X	.557	.557	0	%100
8	MP1A	Z	.322	.322	0	%100
9	M43	X	.176	.176	0	%100
10	M43	Z	.102	.102	0	%100
11	M46	X	.352	.352	0	%100
12	M46	Z	.203	.203	0	%100
13	M51B	X	.195	.195	0	%100
14	M51B	Z	.113	.113	0	%100
15	M52B	X	.782	.782	0	%100
16	M52B	Z	.451	.451	0	%100
17	M76	X	1.056	1.056	0	%100
18	M76	Z	.61	.61	0	%100
19	M77	X	.359	.359	0	%100
20	M77	Z	.207	.207	0	%100
21	M80	X	.378	.378	0	%100
22	M80	Z	.218	.218	0	%100
23	M84	X	1.056	1.056	0	%100
24	M84	Z	.61	.61	0	%100
25	M85	X	1.434	1.434	0	%100
26	M85	Z	.828	.828	0	%100
27	M91	X	1.51	1.51	0	%100
28	M91	Z	.872	.872	0	%100
29	M52A	X	.626	.626	0	%100
30	M52A	Z	.361	.361	0	%100
31	M53	X	.176	.176	0	%100
32	M53	Z	.102	.102	0	%100
33	M54	X	.176	.176	0	%100
34	M54	Z	.102	.102	0	%100
35	M55	X	.352	.352	0	%100
36	M55	Z	.203	.203	0	%100
37	M58A	X	.782	.782	0	%100
38	M58A	Z	.451	.451	0	%100
39	M59A	X	.195	.195	0	%100
40	M59A	Z	.113	.113	0	%100
41	M63	X	1.056	1.056	0	%100
42	M63	Z	.61	.61	0	%100
43	M64	X	1.434	1.434	0	%100
44	M64	Z	.828	.828	0	%100
45	M66	X	1.51	1.51	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,%]
46	M66	Z	.872	.872	0	%100
47	M68	X	1.056	1.056	0	%100
48	M68	Z	.61	.61	0	%100
49	M69	X	.359	.359	0	%100
50	M69	Z	.207	.207	0	%100
51	M71	X	.378	.378	0	%100
52	M71	Z	.218	.218	0	%100
53	M76A	X	0	0	0	%100
54	M76A	Z	0	0	0	%100
55	M77A	X	.706	.706	0	%100
56	M77A	Z	.408	.408	0	%100
57	M78	X	.706	.706	0	%100
58	M78	Z	.408	.408	0	%100
59	M79A	X	1.408	1.408	0	%100
60	M79A	Z	.813	.813	0	%100
61	M82	X	.195	.195	0	%100
62	M82	Z	.113	.113	0	%100
63	M83A	X	.195	.195	0	%100
64	M83A	Z	.113	.113	0	%100
65	M87	X	0	0	0	%100
66	M87	Z	0	0	0	%100
67	M88A	X	.359	.359	0	%100
68	M88A	Z	.207	.207	0	%100
69	M90	X	.378	.378	0	%100
70	M90	Z	.218	.218	0	%100
71	M92A	X	0	0	0	%100
72	M92A	Z	0	0	0	%100
73	M93	X	.359	.359	0	%100
74	M93	Z	.207	.207	0	%100
75	M95	X	.378	.378	0	%100
76	M95	Z	.218	.218	0	%100
77	M76B	X	.187	.187	0	%100
78	M76B	Z	.108	.108	0	%100
79	M77B	X	.749	.749	0	%100
80	M77B	Z	.433	.433	0	%100
81	MP2A	X	.557	.557	0	%100
82	MP2A	Z	.322	.322	0	%100
83	MP3A	X	.675	.675	0	%100
84	MP3A	Z	.39	.39	0	%100
85	MP4A	X	.557	.557	0	%100
86	MP4A	Z	.322	.322	0	%100
87	MP1C	X	.557	.557	0	%100
88	MP1C	Z	.322	.322	0	%100
89	MP4C	X	.557	.557	0	%100
90	MP4C	Z	.322	.322	0	%100
91	MP1B	X	.557	.557	0	%100
92	MP1B	Z	.322	.322	0	%100
93	MP4B	X	.557	.557	0	%100
94	MP4B	Z	.322	.322	0	%100
95	MP2C	X	.557	.557	0	%100
96	MP2C	Z	.322	.322	0	%100
97	MP3C	X	.675	.675	0	%100
98	MP3C	Z	.39	.39	0	%100
99	MP2B	X	.557	.557	0	%100
100	MP2B	Z	.322	.322	0	%100
101	MP3B	X	.675	.675	0	%100
102	MP3B	Z	.39	.39	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,%]
103	OVP	X	.456	.456	0	%100
104	OVP	Z	.263	.263	0	%100
105	M102	X	.169	.169	0	%100
106	M102	Z	.097	.097	0	%100
107	M107	X	.169	.169	0	%100
108	M107	Z	.097	.097	0	%100
109	M112	X	.675	.675	0	%100
110	M112	Z	.39	.39	0	%100
111	M123	X	.211	.211	0	%100
112	M123	Z	.122	.122	0	%100
113	M124	X	.846	.846	0	%100
114	M124	Z	.488	.488	0	%100
115	M125	X	.211	.211	0	%100
116	M125	Z	.122	.122	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	FACE	X	.324	.324	0	%100
2	FACE	Z	.562	.562	0	%100
3	M4	X	.12	.12	0	%100
4	M4	Z	.209	.209	0	%100
5	M10	X	.306	.306	0	%100
6	M10	Z	.529	.529	0	%100
7	MP1A	X	.322	.322	0	%100
8	MP1A	Z	.557	.557	0	%100
9	M43	X	.306	.306	0	%100
10	M43	Z	.529	.529	0	%100
11	M46	X	.61	.61	0	%100
12	M46	Z	1.056	1.056	0	%100
13	M51B	X	0	0	0	%100
14	M51B	Z	0	0	0	%100
15	M52B	X	.339	.339	0	%100
16	M52B	Z	.586	.586	0	%100
17	M76	X	.203	.203	0	%100
18	M76	Z	.352	.352	0	%100
19	M77	X	0	0	0	%100
20	M77	Z	0	0	0	%100
21	M80	X	0	0	0	%100
22	M80	Z	0	0	0	%100
23	M84	X	.203	.203	0	%100
24	M84	Z	.352	.352	0	%100
25	M85	X	.621	.621	0	%100
26	M85	Z	1.076	1.076	0	%100
27	M91	X	.654	.654	0	%100
28	M91	Z	1.133	1.133	0	%100
29	M52A	X	.482	.482	0	%100
30	M52A	Z	.834	.834	0	%100
31	M53	X	0	0	0	%100
32	M53	Z	0	0	0	%100
33	M54	X	0	0	0	%100
34	M54	Z	0	0	0	%100
35	M55	X	0	0	0	%100
36	M55	Z	0	0	0	%100
37	M58A	X	.339	.339	0	%100
38	M58A	Z	.586	.586	0	%100
39	M59A	X	.339	.339	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,%]
40	M59A	Z	.586	.586	0	%100
41	M63	X	.813	.813	0	%100
42	M63	Z	1.408	1.408	0	%100
43	M64	X	.621	.621	0	%100
44	M64	Z	1.076	1.076	0	%100
45	M66	X	.654	.654	0	%100
46	M66	Z	1.133	1.133	0	%100
47	M68	X	.813	.813	0	%100
48	M68	Z	1.408	1.408	0	%100
49	M69	X	.621	.621	0	%100
50	M69	Z	1.076	1.076	0	%100
51	M71	X	.654	.654	0	%100
52	M71	Z	1.133	1.133	0	%100
53	M76A	X	.12	.12	0	%100
54	M76A	Z	.209	.209	0	%100
55	M77A	X	.306	.306	0	%100
56	M77A	Z	.529	.529	0	%100
57	M78	X	.306	.306	0	%100
58	M78	Z	.529	.529	0	%100
59	M79A	X	.61	.61	0	%100
60	M79A	Z	1.056	1.056	0	%100
61	M82	X	.339	.339	0	%100
62	M82	Z	.586	.586	0	%100
63	M83A	X	0	0	0	%100
64	M83A	Z	0	0	0	%100
65	M87	X	.203	.203	0	%100
66	M87	Z	.352	.352	0	%100
67	M88A	X	.621	.621	0	%100
68	M88A	Z	1.076	1.076	0	%100
69	M90	X	.654	.654	0	%100
70	M90	Z	1.133	1.133	0	%100
71	M92A	X	.203	.203	0	%100
72	M92A	Z	.352	.352	0	%100
73	M93	X	0	0	0	%100
74	M93	Z	0	0	0	%100
75	M95	X	0	0	0	%100
76	M95	Z	0	0	0	%100
77	M76B	X	0	0	0	%100
78	M76B	Z	0	0	0	%100
79	M77B	X	.324	.324	0	%100
80	M77B	Z	.562	.562	0	%100
81	MP2A	X	.322	.322	0	%100
82	MP2A	Z	.557	.557	0	%100
83	MP3A	X	.39	.39	0	%100
84	MP3A	Z	.675	.675	0	%100
85	MP4A	X	.322	.322	0	%100
86	MP4A	Z	.557	.557	0	%100
87	MP1C	X	.322	.322	0	%100
88	MP1C	Z	.557	.557	0	%100
89	MP4C	X	.322	.322	0	%100
90	MP4C	Z	.557	.557	0	%100
91	MP1B	X	.322	.322	0	%100
92	MP1B	Z	.557	.557	0	%100
93	MP4B	X	.322	.322	0	%100
94	MP4B	Z	.557	.557	0	%100
95	MP2C	X	.322	.322	0	%100
96	MP2C	Z	.557	.557	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,%]
97	MP3C	X	.39	.39	0	%100
98	MP3C	Z	.675	.675	0	%100
99	MP2B	X	.322	.322	0	%100
100	MP2B	Z	.557	.557	0	%100
101	MP3B	X	.39	.39	0	%100
102	MP3B	Z	.675	.675	0	%100
103	OVP	X	.263	.263	0	%100
104	OVP	Z	.456	.456	0	%100
105	M102	X	.292	.292	0	%100
106	M102	Z	.506	.506	0	%100
107	M107	X	0	0	0	%100
108	M107	Z	0	0	0	%100
109	M112	X	.292	.292	0	%100
110	M112	Z	.506	.506	0	%100
111	M123	X	0	0	0	%100
112	M123	Z	0	0	0	%100
113	M124	X	.366	.366	0	%100
114	M124	Z	.634	.634	0	%100
115	M125	X	.366	.366	0	%100
116	M125	Z	.634	.634	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	FACE	X	0	0	0	%100
2	FACE	Z	.865	.865	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	.815	.815	0	%100
7	MP1A	X	0	0	0	%100
8	MP1A	Z	.644	.644	0	%100
9	M43	X	0	0	0	%100
10	M43	Z	.815	.815	0	%100
11	M46	X	0	0	0	%100
12	M46	Z	1.626	1.626	0	%100
13	M51B	X	0	0	0	%100
14	M51B	Z	.226	.226	0	%100
15	M52B	X	0	0	0	%100
16	M52B	Z	.226	.226	0	%100
17	M76	X	0	0	0	%100
18	M76	Z	0	0	0	%100
19	M77	X	0	0	0	%100
20	M77	Z	.414	.414	0	%100
21	M80	X	0	0	0	%100
22	M80	Z	.436	.436	0	%100
23	M84	X	0	0	0	%100
24	M84	Z	0	0	0	%100
25	M85	X	0	0	0	%100
26	M85	Z	.414	.414	0	%100
27	M91	X	0	0	0	%100
28	M91	Z	.436	.436	0	%100
29	M52A	X	0	0	0	%100
30	M52A	Z	.722	.722	0	%100
31	M53	X	0	0	0	%100
32	M53	Z	.204	.204	0	%100
33	M54	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,%]
34	M54	Z	.204	.204	0	%100
35	M55	X	0	0	0	%100
36	M55	Z	.406	.406	0	%100
37	M58A	X	0	0	0	%100
38	M58A	Z	.226	.226	0	%100
39	M59A	X	0	0	0	%100
40	M59A	Z	.903	.903	0	%100
41	M63	X	0	0	0	%100
42	M63	Z	1.219	1.219	0	%100
43	M64	X	0	0	0	%100
44	M64	Z	.414	.414	0	%100
45	M66	X	0	0	0	%100
46	M66	Z	.436	.436	0	%100
47	M68	X	0	0	0	%100
48	M68	Z	1.219	1.219	0	%100
49	M69	X	0	0	0	%100
50	M69	Z	1.656	1.656	0	%100
51	M71	X	0	0	0	%100
52	M71	Z	1.744	1.744	0	%100
53	M76A	X	0	0	0	%100
54	M76A	Z	.722	.722	0	%100
55	M77A	X	0	0	0	%100
56	M77A	Z	.204	.204	0	%100
57	M78	X	0	0	0	%100
58	M78	Z	.204	.204	0	%100
59	M79A	X	0	0	0	%100
60	M79A	Z	.406	.406	0	%100
61	M82	X	0	0	0	%100
62	M82	Z	.903	.903	0	%100
63	M83A	X	0	0	0	%100
64	M83A	Z	.226	.226	0	%100
65	M87	X	0	0	0	%100
66	M87	Z	1.219	1.219	0	%100
67	M88A	X	0	0	0	%100
68	M88A	Z	1.656	1.656	0	%100
69	M90	X	0	0	0	%100
70	M90	Z	1.744	1.744	0	%100
71	M92A	X	0	0	0	%100
72	M92A	Z	1.219	1.219	0	%100
73	M93	X	0	0	0	%100
74	M93	Z	.414	.414	0	%100
75	M95	X	0	0	0	%100
76	M95	Z	.436	.436	0	%100
77	M76B	X	0	0	0	%100
78	M76B	Z	.216	.216	0	%100
79	M77B	X	0	0	0	%100
80	M77B	Z	.216	.216	0	%100
81	MP2A	X	0	0	0	%100
82	MP2A	Z	.644	.644	0	%100
83	MP3A	X	0	0	0	%100
84	MP3A	Z	.779	.779	0	%100
85	MP4A	X	0	0	0	%100
86	MP4A	Z	.644	.644	0	%100
87	MP1C	X	0	0	0	%100
88	MP1C	Z	.644	.644	0	%100
89	MP4C	X	0	0	0	%100
90	MP4C	Z	.644	.644	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,%]
91	MP1B	X	0	0	0	%100
92	MP1B	Z	.644	.644	0	%100
93	MP4B	X	0	0	0	%100
94	MP4B	Z	.644	.644	0	%100
95	MP2C	X	0	0	0	%100
96	MP2C	Z	.644	.644	0	%100
97	MP3C	X	0	0	0	%100
98	MP3C	Z	.779	.779	0	%100
99	MP2B	X	0	0	0	%100
100	MP2B	Z	.644	.644	0	%100
101	MP3B	X	0	0	0	%100
102	MP3B	Z	.779	.779	0	%100
103	OVP	X	0	0	0	%100
104	OVP	Z	.526	.526	0	%100
105	M102	X	0	0	0	%100
106	M102	Z	.779	.779	0	%100
107	M107	X	0	0	0	%100
108	M107	Z	.195	.195	0	%100
109	M112	X	0	0	0	%100
110	M112	Z	.195	.195	0	%100
111	M123	X	0	0	0	%100
112	M123	Z	.244	.244	0	%100
113	M124	X	0	0	0	%100
114	M124	Z	.244	.244	0	%100
115	M125	X	0	0	0	%100
116	M125	Z	.977	.977	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	FACE	X	-.324	-.324	0	%100
2	FACE	Z	.562	.562	0	%100
3	M4	X	-.12	-.12	0	%100
4	M4	Z	.209	.209	0	%100
5	M10	X	-.306	-.306	0	%100
6	M10	Z	.529	.529	0	%100
7	MP1A	X	-.322	-.322	0	%100
8	MP1A	Z	.557	.557	0	%100
9	M43	X	-.306	-.306	0	%100
10	M43	Z	.529	.529	0	%100
11	M46	X	-.61	-.61	0	%100
12	M46	Z	1.056	1.056	0	%100
13	M51B	X	-.339	-.339	0	%100
14	M51B	Z	.586	.586	0	%100
15	M52B	X	0	0	0	%100
16	M52B	Z	0	0	0	%100
17	M76	X	-.203	-.203	0	%100
18	M76	Z	.352	.352	0	%100
19	M77	X	-.621	-.621	0	%100
20	M77	Z	1.076	1.076	0	%100
21	M80	X	-.654	-.654	0	%100
22	M80	Z	1.133	1.133	0	%100
23	M84	X	-.203	-.203	0	%100
24	M84	Z	.352	.352	0	%100
25	M85	X	0	0	0	%100
26	M85	Z	0	0	0	%100
27	M91	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,%]
28	M91	Z	0	0	0	%100
29	M52A	X	-.12	-.12	0	%100
30	M52A	Z	.209	.209	0	%100
31	M53	X	-.306	-.306	0	%100
32	M53	Z	.529	.529	0	%100
33	M54	X	-.306	-.306	0	%100
34	M54	Z	.529	.529	0	%100
35	M55	X	-.61	-.61	0	%100
36	M55	Z	1.056	1.056	0	%100
37	M58A	X	0	0	0	%100
38	M58A	Z	0	0	0	%100
39	M59A	X	-.339	-.339	0	%100
40	M59A	Z	.586	.586	0	%100
41	M63	X	-.203	-.203	0	%100
42	M63	Z	.352	.352	0	%100
43	M64	X	0	0	0	%100
44	M64	Z	0	0	0	%100
45	M66	X	0	0	0	%100
46	M66	Z	0	0	0	%100
47	M68	X	-.203	-.203	0	%100
48	M68	Z	.352	.352	0	%100
49	M69	X	-.621	-.621	0	%100
50	M69	Z	1.076	1.076	0	%100
51	M71	X	-.654	-.654	0	%100
52	M71	Z	1.133	1.133	0	%100
53	M76A	X	-.482	-.482	0	%100
54	M76A	Z	.834	.834	0	%100
55	M77A	X	0	0	0	%100
56	M77A	Z	0	0	0	%100
57	M78	X	0	0	0	%100
58	M78	Z	0	0	0	%100
59	M79A	X	0	0	0	%100
60	M79A	Z	0	0	0	%100
61	M82	X	-.339	-.339	0	%100
62	M82	Z	.586	.586	0	%100
63	M83A	X	-.339	-.339	0	%100
64	M83A	Z	.586	.586	0	%100
65	M87	X	-.813	-.813	0	%100
66	M87	Z	1.408	1.408	0	%100
67	M88A	X	-.621	-.621	0	%100
68	M88A	Z	1.076	1.076	0	%100
69	M90	X	-.654	-.654	0	%100
70	M90	Z	1.133	1.133	0	%100
71	M92A	X	-.813	-.813	0	%100
72	M92A	Z	1.408	1.408	0	%100
73	M93	X	-.621	-.621	0	%100
74	M93	Z	1.076	1.076	0	%100
75	M95	X	-.654	-.654	0	%100
76	M95	Z	1.133	1.133	0	%100
77	M76B	X	-.324	-.324	0	%100
78	M76B	Z	.562	.562	0	%100
79	M77B	X	0	0	0	%100
80	M77B	Z	0	0	0	%100
81	MP2A	X	-.322	-.322	0	%100
82	MP2A	Z	.557	.557	0	%100
83	MP3A	X	-.39	-.39	0	%100
84	MP3A	Z	.675	.675	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,%]
85	MP4A	X	-.322	-.322	0	%100
86	MP4A	Z	.557	.557	0	%100
87	MP1C	X	-.322	-.322	0	%100
88	MP1C	Z	.557	.557	0	%100
89	MP4C	X	-.322	-.322	0	%100
90	MP4C	Z	.557	.557	0	%100
91	MP1B	X	-.322	-.322	0	%100
92	MP1B	Z	.557	.557	0	%100
93	MP4B	X	-.322	-.322	0	%100
94	MP4B	Z	.557	.557	0	%100
95	MP2C	X	-.322	-.322	0	%100
96	MP2C	Z	.557	.557	0	%100
97	MP3C	X	-.39	-.39	0	%100
98	MP3C	Z	.675	.675	0	%100
99	MP2B	X	-.322	-.322	0	%100
100	MP2B	Z	.557	.557	0	%100
101	MP3B	X	-.39	-.39	0	%100
102	MP3B	Z	.675	.675	0	%100
103	OVP	X	-.263	-.263	0	%100
104	OVP	Z	.456	.456	0	%100
105	M102	X	-.292	-.292	0	%100
106	M102	Z	.506	.506	0	%100
107	M107	X	-.292	-.292	0	%100
108	M107	Z	.506	.506	0	%100
109	M112	X	0	0	0	%100
110	M112	Z	0	0	0	%100
111	M123	X	-.366	-.366	0	%100
112	M123	Z	.634	.634	0	%100
113	M124	X	0	0	0	%100
114	M124	Z	0	0	0	%100
115	M125	X	-.366	-.366	0	%100
116	M125	Z	.634	.634	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	FACE	X	-.187	-.187	0	%100
2	FACE	Z	.108	.108	0	%100
3	M4	X	-.626	-.626	0	%100
4	M4	Z	.361	.361	0	%100
5	M10	X	-.176	-.176	0	%100
6	M10	Z	.102	.102	0	%100
7	MP1A	X	-.557	-.557	0	%100
8	MP1A	Z	.322	.322	0	%100
9	M43	X	-.176	-.176	0	%100
10	M43	Z	.102	.102	0	%100
11	M46	X	-.352	-.352	0	%100
12	M46	Z	.203	.203	0	%100
13	M51B	X	-.782	-.782	0	%100
14	M51B	Z	.451	.451	0	%100
15	M52B	X	-.195	-.195	0	%100
16	M52B	Z	.113	.113	0	%100
17	M76	X	-1.056	-1.056	0	%100
18	M76	Z	.61	.61	0	%100
19	M77	X	-1.434	-1.434	0	%100
20	M77	Z	.828	.828	0	%100
21	M80	X	-1.51	-1.51	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,%]
22	M80	Z	.872	.872	0	%100
23	M84	X	-1.056	-1.056	0	%100
24	M84	Z	.61	.61	0	%100
25	M85	X	-.359	-.359	0	%100
26	M85	Z	.207	.207	0	%100
27	M91	X	-.378	-.378	0	%100
28	M91	Z	.218	.218	0	%100
29	M52A	X	0	0	0	%100
30	M52A	Z	0	0	0	%100
31	M53	X	-.706	-.706	0	%100
32	M53	Z	.408	.408	0	%100
33	M54	X	-.706	-.706	0	%100
34	M54	Z	.408	.408	0	%100
35	M55	X	-1.408	-1.408	0	%100
36	M55	Z	.813	.813	0	%100
37	M58A	X	-.195	-.195	0	%100
38	M58A	Z	.113	.113	0	%100
39	M59A	X	-.195	-.195	0	%100
40	M59A	Z	.113	.113	0	%100
41	M63	X	0	0	0	%100
42	M63	Z	0	0	0	%100
43	M64	X	-.359	-.359	0	%100
44	M64	Z	.207	.207	0	%100
45	M66	X	-.378	-.378	0	%100
46	M66	Z	.218	.218	0	%100
47	M68	X	0	0	0	%100
48	M68	Z	0	0	0	%100
49	M69	X	-.359	-.359	0	%100
50	M69	Z	.207	.207	0	%100
51	M71	X	-.378	-.378	0	%100
52	M71	Z	.218	.218	0	%100
53	M76A	X	-.626	-.626	0	%100
54	M76A	Z	.361	.361	0	%100
55	M77A	X	-.176	-.176	0	%100
56	M77A	Z	.102	.102	0	%100
57	M78	X	-.176	-.176	0	%100
58	M78	Z	.102	.102	0	%100
59	M79A	X	-.352	-.352	0	%100
60	M79A	Z	.203	.203	0	%100
61	M82	X	-.195	-.195	0	%100
62	M82	Z	.113	.113	0	%100
63	M83A	X	-.782	-.782	0	%100
64	M83A	Z	.451	.451	0	%100
65	M87	X	-1.056	-1.056	0	%100
66	M87	Z	.61	.61	0	%100
67	M88A	X	-.359	-.359	0	%100
68	M88A	Z	.207	.207	0	%100
69	M90	X	-.378	-.378	0	%100
70	M90	Z	.218	.218	0	%100
71	M92A	X	-1.056	-1.056	0	%100
72	M92A	Z	.61	.61	0	%100
73	M93	X	-1.434	-1.434	0	%100
74	M93	Z	.828	.828	0	%100
75	M95	X	-1.51	-1.51	0	%100
76	M95	Z	.872	.872	0	%100
77	M76B	X	-.749	-.749	0	%100
78	M76B	Z	.433	.433	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,%]
79	M77B	X	-.187	-.187	0	%100
80	M77B	Z	.108	.108	0	%100
81	MP2A	X	-.557	-.557	0	%100
82	MP2A	Z	.322	.322	0	%100
83	MP3A	X	-.675	-.675	0	%100
84	MP3A	Z	.39	.39	0	%100
85	MP4A	X	-.557	-.557	0	%100
86	MP4A	Z	.322	.322	0	%100
87	MP1C	X	-.557	-.557	0	%100
88	MP1C	Z	.322	.322	0	%100
89	MP4C	X	-.557	-.557	0	%100
90	MP4C	Z	.322	.322	0	%100
91	MP1B	X	-.557	-.557	0	%100
92	MP1B	Z	.322	.322	0	%100
93	MP4B	X	-.557	-.557	0	%100
94	MP4B	Z	.322	.322	0	%100
95	MP2C	X	-.557	-.557	0	%100
96	MP2C	Z	.322	.322	0	%100
97	MP3C	X	-.675	-.675	0	%100
98	MP3C	Z	.39	.39	0	%100
99	MP2B	X	-.557	-.557	0	%100
100	MP2B	Z	.322	.322	0	%100
101	MP3B	X	-.675	-.675	0	%100
102	MP3B	Z	.39	.39	0	%100
103	OVP	X	-.456	-.456	0	%100
104	OVP	Z	.263	.263	0	%100
105	M102	X	-.169	-.169	0	%100
106	M102	Z	.097	.097	0	%100
107	M107	X	-.675	-.675	0	%100
108	M107	Z	.39	.39	0	%100
109	M112	X	-.169	-.169	0	%100
110	M112	Z	.097	.097	0	%100
111	M123	X	-.846	-.846	0	%100
112	M123	Z	.488	.488	0	%100
113	M124	X	-.211	-.211	0	%100
114	M124	Z	.122	.122	0	%100
115	M125	X	-.211	-.211	0	%100
116	M125	Z	.122	.122	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	FACE	X	0	0	0	%100
2	FACE	Z	0	0	0	%100
3	M4	X	-.963	-.963	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	MP1A	X	-.644	-.644	0	%100
8	MP1A	Z	0	0	0	%100
9	M43	X	0	0	0	%100
10	M43	Z	0	0	0	%100
11	M46	X	0	0	0	%100
12	M46	Z	0	0	0	%100
13	M51B	X	-.677	-.677	0	%100
14	M51B	Z	0	0	0	%100
15	M52B	X	-.677	-.677	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,%]
16	M52B	Z	0	0	0	%100
17	M76	X	-1.626	-1.626	0	%100
18	M76	Z	0	0	0	%100
19	M77	X	-1.242	-1.242	0	%100
20	M77	Z	0	0	0	%100
21	M80	X	-1.308	-1.308	0	%100
22	M80	Z	0	0	0	%100
23	M84	X	-1.626	-1.626	0	%100
24	M84	Z	0	0	0	%100
25	M85	X	-1.242	-1.242	0	%100
26	M85	Z	0	0	0	%100
27	M91	X	-1.308	-1.308	0	%100
28	M91	Z	0	0	0	%100
29	M52A	X	-.241	-.241	0	%100
30	M52A	Z	0	0	0	%100
31	M53	X	-.611	-.611	0	%100
32	M53	Z	0	0	0	%100
33	M54	X	-.611	-.611	0	%100
34	M54	Z	0	0	0	%100
35	M55	X	-1.219	-1.219	0	%100
36	M55	Z	0	0	0	%100
37	M58A	X	-.677	-.677	0	%100
38	M58A	Z	0	0	0	%100
39	M59A	X	0	0	0	%100
40	M59A	Z	0	0	0	%100
41	M63	X	-.406	-.406	0	%100
42	M63	Z	0	0	0	%100
43	M64	X	-1.242	-1.242	0	%100
44	M64	Z	0	0	0	%100
45	M66	X	-1.308	-1.308	0	%100
46	M66	Z	0	0	0	%100
47	M68	X	-.406	-.406	0	%100
48	M68	Z	0	0	0	%100
49	M69	X	0	0	0	%100
50	M69	Z	0	0	0	%100
51	M71	X	0	0	0	%100
52	M71	Z	0	0	0	%100
53	M76A	X	-.241	-.241	0	%100
54	M76A	Z	0	0	0	%100
55	M77A	X	-.611	-.611	0	%100
56	M77A	Z	0	0	0	%100
57	M78	X	-.611	-.611	0	%100
58	M78	Z	0	0	0	%100
59	M79A	X	-1.219	-1.219	0	%100
60	M79A	Z	0	0	0	%100
61	M82	X	0	0	0	%100
62	M82	Z	0	0	0	%100
63	M83A	X	-.677	-.677	0	%100
64	M83A	Z	0	0	0	%100
65	M87	X	-.406	-.406	0	%100
66	M87	Z	0	0	0	%100
67	M88A	X	0	0	0	%100
68	M88A	Z	0	0	0	%100
69	M90	X	0	0	0	%100
70	M90	Z	0	0	0	%100
71	M92A	X	-.406	-.406	0	%100
72	M92A	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,%]
73	M93	X	-1.242	-1.242	0	%100
74	M93	Z	0	0	0	%100
75	M95	X	-1.308	-1.308	0	%100
76	M95	Z	0	0	0	%100
77	M76B	X	-.649	-.649	0	%100
78	M76B	Z	0	0	0	%100
79	M77B	X	-.649	-.649	0	%100
80	M77B	Z	0	0	0	%100
81	MP2A	X	-.644	-.644	0	%100
82	MP2A	Z	0	0	0	%100
83	MP3A	X	-.779	-.779	0	%100
84	MP3A	Z	0	0	0	%100
85	MP4A	X	-.644	-.644	0	%100
86	MP4A	Z	0	0	0	%100
87	MP1C	X	-.644	-.644	0	%100
88	MP1C	Z	0	0	0	%100
89	MP4C	X	-.644	-.644	0	%100
90	MP4C	Z	0	0	0	%100
91	MP1B	X	-.644	-.644	0	%100
92	MP1B	Z	0	0	0	%100
93	MP4B	X	-.644	-.644	0	%100
94	MP4B	Z	0	0	0	%100
95	MP2C	X	-.644	-.644	0	%100
96	MP2C	Z	0	0	0	%100
97	MP3C	X	-.779	-.779	0	%100
98	MP3C	Z	0	0	0	%100
99	MP2B	X	-.644	-.644	0	%100
100	MP2B	Z	0	0	0	%100
101	MP3B	X	-.779	-.779	0	%100
102	MP3B	Z	0	0	0	%100
103	OVP	X	-.526	-.526	0	%100
104	OVP	Z	0	0	0	%100
105	M102	X	0	0	0	%100
106	M102	Z	0	0	0	%100
107	M107	X	-.584	-.584	0	%100
108	M107	Z	0	0	0	%100
109	M112	X	-.584	-.584	0	%100
110	M112	Z	0	0	0	%100
111	M123	X	-.732	-.732	0	%100
112	M123	Z	0	0	0	%100
113	M124	X	-.732	-.732	0	%100
114	M124	Z	0	0	0	%100
115	M125	X	0	0	0	%100
116	M125	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	FACE	X	-.187	-.187	0	%100
2	FACE	Z	-.108	-.108	0	%100
3	M4	X	-.626	-.626	0	%100
4	M4	Z	-.361	-.361	0	%100
5	M10	X	-.176	-.176	0	%100
6	M10	Z	-.102	-.102	0	%100
7	MP1A	X	-.557	-.557	0	%100
8	MP1A	Z	-.322	-.322	0	%100
9	M43	X	-.176	-.176	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,%]
10	M43	Z	-.102	-.102	0	%100
11	M46	X	-.352	-.352	0	%100
12	M46	Z	-.203	-.203	0	%100
13	M51B	X	-.195	-.195	0	%100
14	M51B	Z	-.113	-.113	0	%100
15	M52B	X	-.782	-.782	0	%100
16	M52B	Z	-.451	-.451	0	%100
17	M76	X	-1.056	-1.056	0	%100
18	M76	Z	-.61	-.61	0	%100
19	M77	X	-.359	-.359	0	%100
20	M77	Z	-.207	-.207	0	%100
21	M80	X	-.378	-.378	0	%100
22	M80	Z	-.218	-.218	0	%100
23	M84	X	-1.056	-1.056	0	%100
24	M84	Z	-.61	-.61	0	%100
25	M85	X	-1.434	-1.434	0	%100
26	M85	Z	-.828	-.828	0	%100
27	M91	X	-1.51	-1.51	0	%100
28	M91	Z	-.872	-.872	0	%100
29	M52A	X	-.626	-.626	0	%100
30	M52A	Z	-.361	-.361	0	%100
31	M53	X	-.176	-.176	0	%100
32	M53	Z	-.102	-.102	0	%100
33	M54	X	-.176	-.176	0	%100
34	M54	Z	-.102	-.102	0	%100
35	M55	X	-.352	-.352	0	%100
36	M55	Z	-.203	-.203	0	%100
37	M58A	X	-.782	-.782	0	%100
38	M58A	Z	-.451	-.451	0	%100
39	M59A	X	-.195	-.195	0	%100
40	M59A	Z	-.113	-.113	0	%100
41	M63	X	-1.056	-1.056	0	%100
42	M63	Z	-.61	-.61	0	%100
43	M64	X	-1.434	-1.434	0	%100
44	M64	Z	-.828	-.828	0	%100
45	M66	X	-1.51	-1.51	0	%100
46	M66	Z	-.872	-.872	0	%100
47	M68	X	-1.056	-1.056	0	%100
48	M68	Z	-.61	-.61	0	%100
49	M69	X	-.359	-.359	0	%100
50	M69	Z	-.207	-.207	0	%100
51	M71	X	-.378	-.378	0	%100
52	M71	Z	-.218	-.218	0	%100
53	M76A	X	0	0	0	%100
54	M76A	Z	0	0	0	%100
55	M77A	X	-.706	-.706	0	%100
56	M77A	Z	-.408	-.408	0	%100
57	M78	X	-.706	-.706	0	%100
58	M78	Z	-.408	-.408	0	%100
59	M79A	X	-1.408	-1.408	0	%100
60	M79A	Z	-.813	-.813	0	%100
61	M82	X	-.195	-.195	0	%100
62	M82	Z	-.113	-.113	0	%100
63	M83A	X	-.195	-.195	0	%100
64	M83A	Z	-.113	-.113	0	%100
65	M87	X	0	0	0	%100
66	M87	Z	0	0	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,%]
67	M88A	X	-.359	-.359	0	%100
68	M88A	Z	-.207	-.207	0	%100
69	M90	X	-.378	-.378	0	%100
70	M90	Z	-.218	-.218	0	%100
71	M92A	X	0	0	0	%100
72	M92A	Z	0	0	0	%100
73	M93	X	-.359	-.359	0	%100
74	M93	Z	-.207	-.207	0	%100
75	M95	X	-.378	-.378	0	%100
76	M95	Z	-.218	-.218	0	%100
77	M76B	X	-.187	-.187	0	%100
78	M76B	Z	-.108	-.108	0	%100
79	M77B	X	-.749	-.749	0	%100
80	M77B	Z	-.433	-.433	0	%100
81	MP2A	X	-.557	-.557	0	%100
82	MP2A	Z	-.322	-.322	0	%100
83	MP3A	X	-.675	-.675	0	%100
84	MP3A	Z	-.39	-.39	0	%100
85	MP4A	X	-.557	-.557	0	%100
86	MP4A	Z	-.322	-.322	0	%100
87	MP1C	X	-.557	-.557	0	%100
88	MP1C	Z	-.322	-.322	0	%100
89	MP4C	X	-.557	-.557	0	%100
90	MP4C	Z	-.322	-.322	0	%100
91	MP1B	X	-.557	-.557	0	%100
92	MP1B	Z	-.322	-.322	0	%100
93	MP4B	X	-.557	-.557	0	%100
94	MP4B	Z	-.322	-.322	0	%100
95	MP2C	X	-.557	-.557	0	%100
96	MP2C	Z	-.322	-.322	0	%100
97	MP3C	X	-.675	-.675	0	%100
98	MP3C	Z	-.39	-.39	0	%100
99	MP2B	X	-.557	-.557	0	%100
100	MP2B	Z	-.322	-.322	0	%100
101	MP3B	X	-.675	-.675	0	%100
102	MP3B	Z	-.39	-.39	0	%100
103	OVP	X	-.456	-.456	0	%100
104	OVP	Z	-.263	-.263	0	%100
105	M102	X	-.169	-.169	0	%100
106	M102	Z	-.097	-.097	0	%100
107	M107	X	-.169	-.169	0	%100
108	M107	Z	-.097	-.097	0	%100
109	M112	X	-.675	-.675	0	%100
110	M112	Z	-.39	-.39	0	%100
111	M123	X	-.211	-.211	0	%100
112	M123	Z	-.122	-.122	0	%100
113	M124	X	-.846	-.846	0	%100
114	M124	Z	-.488	-.488	0	%100
115	M125	X	-.211	-.211	0	%100
116	M125	Z	-.122	-.122	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	FACE	X	-.324	-.324	0	%100
2	FACE	Z	-.562	-.562	0	%100
3	M4	X	-.12	-.12	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,%]
4	M4	Z	-.209	-.209	0	%100
5	M10	X	-.306	-.306	0	%100
6	M10	Z	-.529	-.529	0	%100
7	MP1A	X	-.322	-.322	0	%100
8	MP1A	Z	-.557	-.557	0	%100
9	M43	X	-.306	-.306	0	%100
10	M43	Z	-.529	-.529	0	%100
11	M46	X	-.61	-.61	0	%100
12	M46	Z	-1.056	-1.056	0	%100
13	M51B	X	0	0	0	%100
14	M51B	Z	0	0	0	%100
15	M52B	X	-.339	-.339	0	%100
16	M52B	Z	-.586	-.586	0	%100
17	M76	X	-.203	-.203	0	%100
18	M76	Z	-.352	-.352	0	%100
19	M77	X	0	0	0	%100
20	M77	Z	0	0	0	%100
21	M80	X	0	0	0	%100
22	M80	Z	0	0	0	%100
23	M84	X	-.203	-.203	0	%100
24	M84	Z	-.352	-.352	0	%100
25	M85	X	-.621	-.621	0	%100
26	M85	Z	-1.076	-1.076	0	%100
27	M91	X	-.654	-.654	0	%100
28	M91	Z	-1.133	-1.133	0	%100
29	M52A	X	-.482	-.482	0	%100
30	M52A	Z	-.834	-.834	0	%100
31	M53	X	0	0	0	%100
32	M53	Z	0	0	0	%100
33	M54	X	0	0	0	%100
34	M54	Z	0	0	0	%100
35	M55	X	0	0	0	%100
36	M55	Z	0	0	0	%100
37	M58A	X	-.339	-.339	0	%100
38	M58A	Z	-.586	-.586	0	%100
39	M59A	X	-.339	-.339	0	%100
40	M59A	Z	-.586	-.586	0	%100
41	M63	X	-.813	-.813	0	%100
42	M63	Z	-1.408	-1.408	0	%100
43	M64	X	-.621	-.621	0	%100
44	M64	Z	-1.076	-1.076	0	%100
45	M66	X	-.654	-.654	0	%100
46	M66	Z	-1.133	-1.133	0	%100
47	M68	X	-.813	-.813	0	%100
48	M68	Z	-1.408	-1.408	0	%100
49	M69	X	-.621	-.621	0	%100
50	M69	Z	-1.076	-1.076	0	%100
51	M71	X	-.654	-.654	0	%100
52	M71	Z	-1.133	-1.133	0	%100
53	M76A	X	-.12	-.12	0	%100
54	M76A	Z	-.209	-.209	0	%100
55	M77A	X	-.306	-.306	0	%100
56	M77A	Z	-.529	-.529	0	%100
57	M78	X	-.306	-.306	0	%100
58	M78	Z	-.529	-.529	0	%100
59	M79A	X	-.61	-.61	0	%100
60	M79A	Z	-1.056	-1.056	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,%]
61	M82	X	-.339	-.339	0	%100
62	M82	Z	-.586	-.586	0	%100
63	M83A	X	0	0	0	%100
64	M83A	Z	0	0	0	%100
65	M87	X	-.203	-.203	0	%100
66	M87	Z	-.352	-.352	0	%100
67	M88A	X	-.621	-.621	0	%100
68	M88A	Z	-1.076	-1.076	0	%100
69	M90	X	-.654	-.654	0	%100
70	M90	Z	-1.133	-1.133	0	%100
71	M92A	X	-.203	-.203	0	%100
72	M92A	Z	-.352	-.352	0	%100
73	M93	X	0	0	0	%100
74	M93	Z	0	0	0	%100
75	M95	X	0	0	0	%100
76	M95	Z	0	0	0	%100
77	M76B	X	0	0	0	%100
78	M76B	Z	0	0	0	%100
79	M77B	X	-.324	-.324	0	%100
80	M77B	Z	-.562	-.562	0	%100
81	MP2A	X	-.322	-.322	0	%100
82	MP2A	Z	-.557	-.557	0	%100
83	MP3A	X	-.39	-.39	0	%100
84	MP3A	Z	-.675	-.675	0	%100
85	MP4A	X	-.322	-.322	0	%100
86	MP4A	Z	-.557	-.557	0	%100
87	MP1C	X	-.322	-.322	0	%100
88	MP1C	Z	-.557	-.557	0	%100
89	MP4C	X	-.322	-.322	0	%100
90	MP4C	Z	-.557	-.557	0	%100
91	MP1B	X	-.322	-.322	0	%100
92	MP1B	Z	-.557	-.557	0	%100
93	MP4B	X	-.322	-.322	0	%100
94	MP4B	Z	-.557	-.557	0	%100
95	MP2C	X	-.322	-.322	0	%100
96	MP2C	Z	-.557	-.557	0	%100
97	MP3C	X	-.39	-.39	0	%100
98	MP3C	Z	-.675	-.675	0	%100
99	MP2B	X	-.322	-.322	0	%100
100	MP2B	Z	-.557	-.557	0	%100
101	MP3B	X	-.39	-.39	0	%100
102	MP3B	Z	-.675	-.675	0	%100
103	OVP	X	-.263	-.263	0	%100
104	OVP	Z	-.456	-.456	0	%100
105	M102	X	-.292	-.292	0	%100
106	M102	Z	-.506	-.506	0	%100
107	M107	X	0	0	0	%100
108	M107	Z	0	0	0	%100
109	M112	X	-.292	-.292	0	%100
110	M112	Z	-.506	-.506	0	%100
111	M123	X	0	0	0	%100
112	M123	Z	0	0	0	%100
113	M124	X	-.366	-.366	0	%100
114	M124	Z	-.634	-.634	0	%100
115	M125	X	-.366	-.366	0	%100
116	M125	Z	-.634	-.634	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M58A	Y	-1.597	-4.066	0	.832
2	M58A	Y	-4.066	-6.636	.832	1.665
3	M58A	Y	-6.636	-7.874	1.665	2.497
4	M58A	Y	-7.874	-6.293	2.497	3.329
5	M58A	Y	-6.293	-3.33	3.329	4.162
6	M59A	Y	-3.329	-6.32	0	.832
7	M59A	Y	-6.32	-7.943	.832	1.665
8	M59A	Y	-7.943	-6.773	1.665	2.497
9	M59A	Y	-6.773	-4.256	2.497	3.329
10	M59A	Y	-4.256	-1.812	3.329	4.162
11	M82	Y	-1.812	-4.256	0	.832
12	M82	Y	-4.256	-6.773	.832	1.665
13	M82	Y	-6.773	-7.943	1.665	2.497
14	M82	Y	-7.943	-6.32	2.497	3.329
15	M82	Y	-6.32	-3.329	3.329	4.162
16	M83A	Y	-3.33	-6.293	0	.832
17	M83A	Y	-6.293	-7.874	.832	1.665
18	M83A	Y	-7.874	-6.636	1.665	2.497
19	M83A	Y	-6.636	-4.066	2.497	3.329
20	M83A	Y	-4.066	-1.597	3.329	4.162
21	M51B	Y	-1.601	-4.064	0	.832
22	M51B	Y	-4.064	-6.635	.832	1.665
23	M51B	Y	-6.635	-7.874	1.665	2.497
24	M51B	Y	-7.874	-6.292	2.497	3.329
25	M51B	Y	-6.292	-3.33	3.329	4.162
26	M52B	Y	-3.336	-6.325	0	.832
27	M52B	Y	-6.325	-7.938	.832	1.665
28	M52B	Y	-7.938	-6.771	1.665	2.497
29	M52B	Y	-6.771	-4.259	2.497	3.329
30	M52B	Y	-4.259	-1.808	3.329	4.162

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M58A	Y	-4.153	-10.571	0	.832
2	M58A	Y	-10.571	-17.255	.832	1.665
3	M58A	Y	-17.255	-20.471	1.665	2.497
4	M58A	Y	-20.471	-16.361	2.497	3.329
5	M58A	Y	-16.361	-8.658	3.329	4.162
6	M59A	Y	-8.654	-16.433	0	.832
7	M59A	Y	-16.433	-20.651	.832	1.665
8	M59A	Y	-20.651	-17.611	1.665	2.497
9	M59A	Y	-17.611	-11.065	2.497	3.329
10	M59A	Y	-11.065	-4.711	3.329	4.162
11	M82	Y	-4.711	-11.065	0	.832
12	M82	Y	-11.065	-17.611	.832	1.665
13	M82	Y	-17.611	-20.651	1.665	2.497
14	M82	Y	-20.651	-16.433	2.497	3.329
15	M82	Y	-16.433	-8.654	3.329	4.162
16	M83A	Y	-8.658	-16.361	0	.832
17	M83A	Y	-16.361	-20.471	.832	1.665
18	M83A	Y	-20.471	-17.255	1.665	2.497
19	M83A	Y	-17.255	-10.571	2.497	3.329
20	M83A	Y	-10.571	-4.153	3.329	4.162
21	M51B	Y	-4.163	-10.565	0	.832
22	M51B	Y	-10.565	-17.252	.832	1.665
23	M51B	Y	-17.252	-20.474	1.665	2.497

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
24	M51B	Y	-20.474	-16.359	2.497	3.329
25	M51B	Y	-16.359	-8.657	3.329	4.162
26	M52B	Y	-8.673	-16.444	0	.832
27	M52B	Y	-16.444	-20.639	.832	1.665
28	M52B	Y	-20.639	-17.604	1.665	2.497
29	M52B	Y	-17.604	-11.073	2.497	3.329
30	M52B	Y	-11.073	-4.702	3.329	4.162

Member Area Loads (BLC 39 : Structure D)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N113	N111	N89	N90	Y	Two Way	-.005
2	N139	N141	N118	N117	Y	Two Way	-.005
3	N87C	N87B	N7	N6	Y	Two Way	-.005

Member Area Loads (BLC 40 : Structure Di)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N113	N111	N89	N90	Y	Two Way	-.013
2	N139	N141	N118	N117	Y	Two Way	-.013
3	N87C	N87B	N7	N6	Y	Two Way	-.013

Envelope Joint Reactions

	Joint		X [lb]	LC	Y [lb]	LC	Z [lb]	LC	MX [k-ft]	LC	MY [k-ft]	LC	MZ [k-ft]	LC
1	N3	max	1488.975	10	2652.473	13	3588.826	1	5.341	13	2.125	4	.192	4
2		min	-1489.234	4	311.956	7	-3761.855	7	-.633	7	-2.13	10	-.312	10
3	N87D	max	2730.25	9	2494.117	21	2053.245	2	.082	3	1.987	12	.316	3
4		min	-2880.026	3	266.641	3	-1958.581	8	-2.787	45	-1.994	6	-4.364	21
5	N115	max	3017.62	11	2478.973	17	1669.605	1	.224	11	2.065	8	4.467	17
6		min	-2865.29	5	264.98	11	-1583.241	7	-2.406	17	-2.07	2	-.239	11
7	Totals:	max	6947.224	10	7159.951	18	7264.589	1						
8		min	-6947.224	4	3056.51	12	-7264.589	7						

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

	Member	Shape	Code C...	Loc[ft]	LC	Shear ...	Loc[ft]	Dir	LC	phi*Pnc [lb]	phi*Pnt [lb]	phi*Mn y-...	phi*Mn z-...	Cb	Eqn
1	M85	PL3/8x6	.390	.167	6	.355	0	y	13	71601.728	72900	.57	9.113	1....	H1-1b
2	M69	PL3/8x6	.387	.167	2	.355	0	y	20	71601.728	72900	.57	9.113	1....	H1-1b
3	MP2B	PIPE_2.0	.377	3.563	1	.080	3.563		3	20866.733	32130	1.872	1.872	2....	H1-1b
4	M93	PL3/8x6	.373	.167	10	.354	0	y	16	71601.728	72900	.57	9.113	1....	H1-1b
5	MP2A	PIPE_2.0	.366	3.563	9	.079	3.563		12	20866.733	32130	1.872	1.872	1....	H1-1b
6	M77	PL3/8x6	.364	.167	8	.355	0	y	13	71601.728	72900	.57	9.113	1....	H1-1b
7	MP2C	PIPE_2.0	.362	3.563	5	.083	3.563		7	20866.733	32130	1.872	1.872	1....	H1-1b
8	MP3C	PIPE_2.5	.356	3.563	1	.079	3.625		5	37773.818	50715	3.596	3.596	2....	H1-1b
9	M88A	PL3/8x6	.356	.167	12	.350	0	y	17	71601.728	72900	.57	9.113	1....	H1-1b
10	M64	PL3/8x6	.354	.167	4	.353	0	y	21	71601.728	72900	.57	9.113	1....	H1-1b
11	MP3A	PIPE_2.5	.339	3.563	5	.082	3.563		7	37773.818	50715	3.596	3.596	1....	H1-1b
12	MP3B	PIPE_2.5	.339	3.563	8	.081	3.563		11	37773.818	50715	3.596	3.596	1....	H1-1b
13	M4	HSS4X4X4	.335	0	13	.083	0	y	23	124657.7...	139518	16.181	16.181	3....	H1-1b
14	M52A	HSS4X4X4	.320	0	21	.093	0	y	32	124657.7...	139518	16.181	16.181	3....	H1-1b
15	M76A	HSS4X4X4	.318	0	17	.076	0	y	16	124657.7...	139518	16.181	16.181	3....	H1-1b
16	M123	L3X3X4	.315	2.061	7	.036	.021	y	12	42464.849	46656	1.688	3.756	2....	H2-1
17	M125	L3X3X4	.313	2.061	11	.035	0	y	4	42464.849	46656	1.688	3.756	2....	H2-1
18	M76	PL3/8x6	.310	0	1	.308	0	y	18	70677.939	72900	.57	9.113	1....	H1-1b
19	M124	L3X3X4	.307	2.061	2	.036	0	y	8	42464.849	46656	1.688	3.756	2....	H2-1

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

	Member	Shape	Code C...	Loc[ft]	LC	Shear ...	Loc[ft]	Dir	LC	phi*Pnc [lb]	phi*Pnt [lb]	phi*Mn y-...	phi*Mn z-...	Cb	Eqn
20	M63	PL3/8x6	.303	0	9	.312	0	y	14	70677.939	72900	.57	9.113	1....	H1-1b
21	M87	PL3/8x6	.298	0	6	.308	0	y	22	70677.939	72900	.57	9.113	1....	H1-1b
22	MP1B	PIPE_2.0	.278	3.563	1	.075	3.563		12	20866.733	32130	1.872	1.872	1....	H1-1b
23	MP1A	PIPE_2.0	.270	3.563	9	.075	3.563		8	20866.733	32130	1.872	1.872	1....	H1-1b
24	MP1C	PIPE_2.0	.264	3.563	5	.072	3.563		4	20866.733	32130	1.872	1.872	2....	H1-1b
25	MP4C	PIPE_2.0	.258	3.563	1	.074	3.563		1	20866.733	32130	1.872	1.872	2....	H1-1b
26	M92A	PL3/8x6	.252	0	2	.234	0	y	24	70677.939	72900	.57	9.113	1....	H1-1b
27	MP4A	PIPE_2.0	.247	3.563	5	.074	3.563		6	20866.733	32130	1.872	1.872	1....	H1-1b
28	MP4B	PIPE_2.0	.244	3.563	9	.072	3.563		10	20866.733	32130	1.872	1.872	2....	H1-1b
29	M79A	PL1/2x6	.244	.516	6	.130	.516	y	7	66009.234	97200	1.012	12.15	1....	H1-1b
30	M46	PL1/2x6	.243	.516	2	.124	.516	y	3	66009.234	97200	1.012	12.15	1....	H1-1b
31	M55	PL1/2x6	.242	.516	10	.166	.516	y	47	66009.234	97200	1.012	12.15	1....	H1-1b
32	M84	PL3/8x6	.230	0	10	.230	0	y	20	70677.939	72900	.57	9.113	1....	H1-1b
33	M68	PL3/8x6	.230	0	6	.229	0	y	16	70677.939	72900	.57	9.113	1....	H1-1b
34	M52B	L2x2x3	.227	0	12	.012	0	y	22	9823.122	23392.8	.558	1.134	1....	H2-1
35	M59A	L2x2x3	.225	0	8	.012	0	y	18	9823.122	23392.8	.558	1.134	1....	H2-1
36	OVP	PIPE_2.0	.220	2.5	12	.022	2.5		12	28843.414	32130	1.872	1.872	1....	H1-1b
37	M83A	L2x2x3	.217	0	4	.012	0	y	14	9823.122	23392.8	.558	1.118	1....	H2-1
38	M51B	L2x2x3	.200	4.162	2	.014	4.162	y	16	9823.122	23392.8	.558	1.118	1....	H2-1
39	M82	L2x2x3	.197	0	6	.014	0	y	21	9823.122	23392.8	.558	1.134	1....	H2-1
40	M58A	L2x2x3	.195	4.162	10	.014	4.162	y	24	9823.122	23392.8	.558	1.118	1....	H2-1
41	M10	HSS4X4X4	.178	2.375	14	.059	.223	z	1	136263.03	139518	16.181	16.181	1....	H1-1b
42	M53	HSS4X4X4	.177	2.375	22	.057	.223	z	9	136263.03	139518	16.181	16.181	1....	H1-1b
43	M107	PIPE_2.5	.177	8.203	1	.083	10.547		3	14558.792	50715	3.596	3.596	2....	H1-1b
44	M77A	HSS4X4X4	.176	2.375	18	.057	.223	z	5	136263.03	139518	16.181	16.181	1....	H1-1b
45	M54	HSS4X4X4	.175	0	20	.064	2.152	z	8	136263.03	139518	16.181	16.181	1....	H1-1b
46	M43	HSS4X4X4	.175	0	24	.064	2.152	z	12	136263.03	139518	16.181	16.181	1....	H1-1b
47	M78	HSS4X4X4	.174	0	16	.062	2.152	z	4	136263.03	139518	16.181	16.181	1....	H1-1b
48	M102	PIPE_2.5	.170	8.203	5	.086	10.547		8	14558.792	50715	3.596	3.596	2....	H1-1b
49	M112	PIPE_2.5	.169	8.073	2	.085	10.547		12	14558.792	50715	3.596	3.596	3....	H1-1b
50	M76B	PIPE_3.0	.127	4.882	1	.077	7.917		4	27623.304	65205	5.749	5.749	2....	H1-1b
51	M77B	PIPE_3.0	.124	4.882	9	.080	7.917		12	27623.304	65205	5.749	5.749	2....	H1-1b
52	FACE	PIPE_3.0	.123	4.882	5	.082	7.917		8	27623.304	65205	5.749	5.749	2....	H1-1b
53	M80	PL1/2x6	.085	.112	1	.076	.112	y	5	96757.507	97200	1.012	12.15	1....	H1-1b
54	M66	PL1/2x6	.082	.112	9	.084	.112	y	1	96757.507	97200	1.012	12.15	1....	H1-1b
55	M90	PL1/2x6	.081	.112	5	.081	.112	y	8	96757.507	97200	1.012	12.15	1....	H1-1b
56	M91	PL1/2x6	.070	.112	1	.082	0	y	3	96757.507	97200	1.012	12.15	1....	H1-1b
57	M95	PL1/2x6	.070	.112	12	.088	0	y	7	96757.507	97200	1.012	12.15	1....	H1-1b
58	M71	PL1/2x6	.068	.112	9	.154	0	y	47	96757.507	97200	1.012	12.15	1....	H1-1b

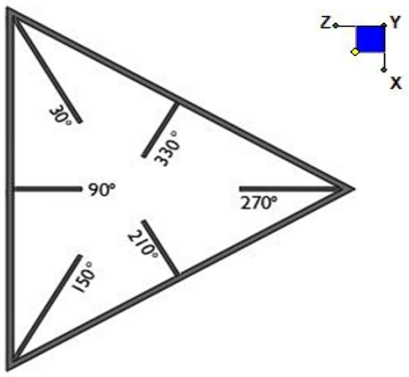
Client:	Verizon	Date:	8/16/2021
Site Name:	Griswold East CT		
Project No.	21777323A		
Title:	Mount Analysis	Page:	1

Version 3.1

I. Mount-to-Tower Connection Check

RISA Model Data

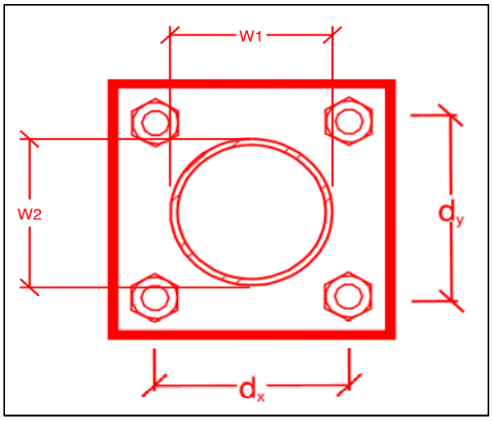
Nodes *(labeled per RISA)*	Orientation *(per graphic of typical platform)*
N3	270
N115	150
N87D	30



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)* :	7
d_y (in) *(Delta Y of typ. bolt config. sketch)* :	7
Bolt Type:	A325N
Bolt Diameter (in):	0.625
Required Tensile Strength (kips):	19.4
Required Shear Strength (kips):	4.0
Tensile Strength / bolt (kips):	20.7
Shear Strength / bolt (kips):	12.4
Tensile Capacity Overall:	**23.4%***
Shear Capacity Overall:	**8.0%**



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

Tower Connection Plate and Weld Check

Connecting Standoff Member Shape:	Rect
Plate Width (in):	10
Plate Height (in):	10
W1 (in):	4
W2 (in):	4
Fy (ksi, plate):	36
t_{Plate} (in):	0.625
Weld Size (1/16 in):	3
Phi*Rn (kip/in):	4.18
Required Weld Strength (kip/in):	3.04
Plate Bending Capacity:	**47.2%**
Weld Capacity:	**72.9%**

Max Plate Bending Strengths

Mu_{xx} *(kip-in)* :	14.5
Phi*Mn_{xx} *(kip-in)* :	31.6
Mu_{yy} *(kip-in)* :	0.5
Phi*Mn_{yy} *(kip-in)* :	31.6

Mount Desktop – Post Modification Inspection (PMI) Report Requirements

Documents & Photos Required from Contractor – Mount Modification

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

- Contractor is responsible for making certain the photos provided as noted below provide confirmation that the modification was completed in accordance with the modification drawings.
- Contractor shall relay any data that can impact the performance of the mount or the mount modification, this includes safety issues.

Base Requirements:

- Any special photos outside of the standard requirements will be indicated on the drawings
- Provide "as built drawings" showing contractor's name, preparer's signature, and date. Any deviations from the drawings (proposed modification) must be shown.
- Notation that all hardware was properly installed, and the existing hardware was inspected for any issues.
- Verification that loading is as communicated in the modification drawings. NOTE If loading is different than what is conveyed in the modification drawing contact Maser Consulting Connecticut immediately.
- Each photo should be time and date stamped
- Photos should be high resolution and submitted in a Zip File and should be organized in the file structure as depicted in Schedule A attached.
- Contractor shall ensure that the safety climb wire rope is supported and not adversely impacted by the install of the modification components. This may involve the install of wire rope guides, or other items to protect the wire rope.
- The photos in the file structure should be uploaded to **https://pmi.vzwsmart.com** as depicted on the drawings

Photo Requirements:

- *Base and "During Installation Photos"*
  - Base pictures include
    - Photo of Gate Signs showing the tower owner, site name, and number
    - Photo of carrier shelter showing the carrier site name and number if available
    - Photos of the galvanizing compound and/or paint used (if applicable), clearly showing the label and name
  - "During Installation Photos if provided - must be placed only in this folder
- *Photos taken at ground level*
  - Overall tower structure before and after installation of the modifications
  - Photos of the appropriate mount before and after installation of the modifications; if the mounts are at different rad elevations, pictures must be provided for all elevations that the modifications were installed

- *Photos taken at Mount Elevation*
    - Photos showing each individual sector before and also after installation of modifications. Each entire sector must be in one photo to show in the inter-connection of members.
        - These photos should also certify that the placement and geometry of the equipment on the mount is as depicted on the sketch and table in the mount analysis
    - Close-up photos of each installed modification per the modification drawings; pictures should also include connection hardware (U-bolts, bolts, nuts, all-threaded rods, etc.)
    - Photos showing the measurements of the installed modification member sizes (i.e. lengths, widths, depths, diameters, thicknesses)
    - Photos showing the elevation or distances of the installed modifications from the appropriate reference locations shown in the modification drawings
    - Photos showing the installed modifications onto the tower with tape drop measurements (if applicable) (i.e. ring/collar mounts, tie-backs, V-bracing kits, etc.); if the existing mount elevation needs to be changed according to the modification drawings, a tape drop measurement shall be provided before the elevation change
    - Photos showing the safety climb wire rope above and below the mount prior to modification.
    - Photos showing the climbing facility and safety climb if present.

Material Certification:

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

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

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

Certifying Individual: Company _____

Name _____

Signature _____

Antenna & equipment placement and Geometry Confirmation:

- The contractor must certify that the antenna & equipment placement and geometry is in accordance with the antenna placement diagrams as included in this mount analysis.

☐ The contractor certifies that the photos support and the equipment on the mount is as depicted on the antenna placement diagrams as included in this mount analysis.

☐ The contractor notes that the equipment on the mount is not in accordance with the antenna placement diagrams and has accordingly marked up the diagrams or provided a diagram outlining the differences.

Certifying Individual: Company _____

Name _____

Signature _____

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

Issue:

Contractor shall install the proposed OVP on a new 36" long P2 STD pipe, connected to the existing standoff horizontal supporting the beta/ gamma sectors with new crossover plates (Site Pro 1 Part #: SQCXK-4, or EOR approved equivalent).

Response:

Schedule A – Photo & Document File Structure

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

Structure: 467554-VZW - GRISWOLD EAST CT

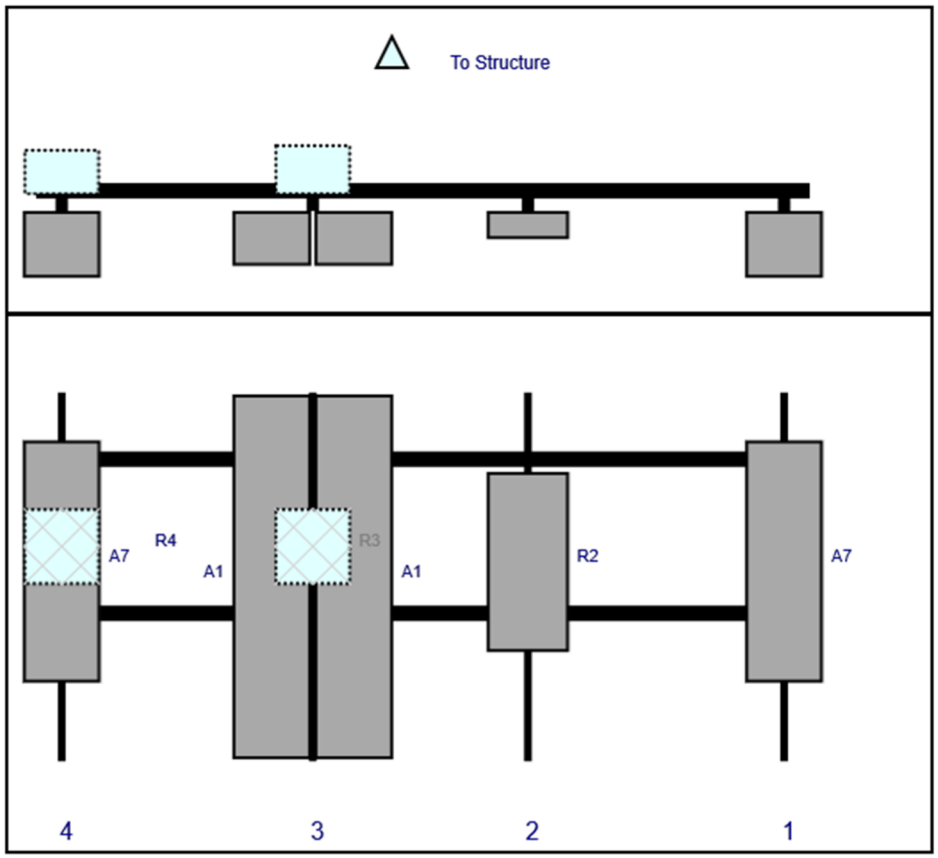
Sector: **A** 8/16/2021

Structure Type: Self Support 10046601

Mount Elev: 156.00 Page: 1

Plan View

Front View
Looking at Structure



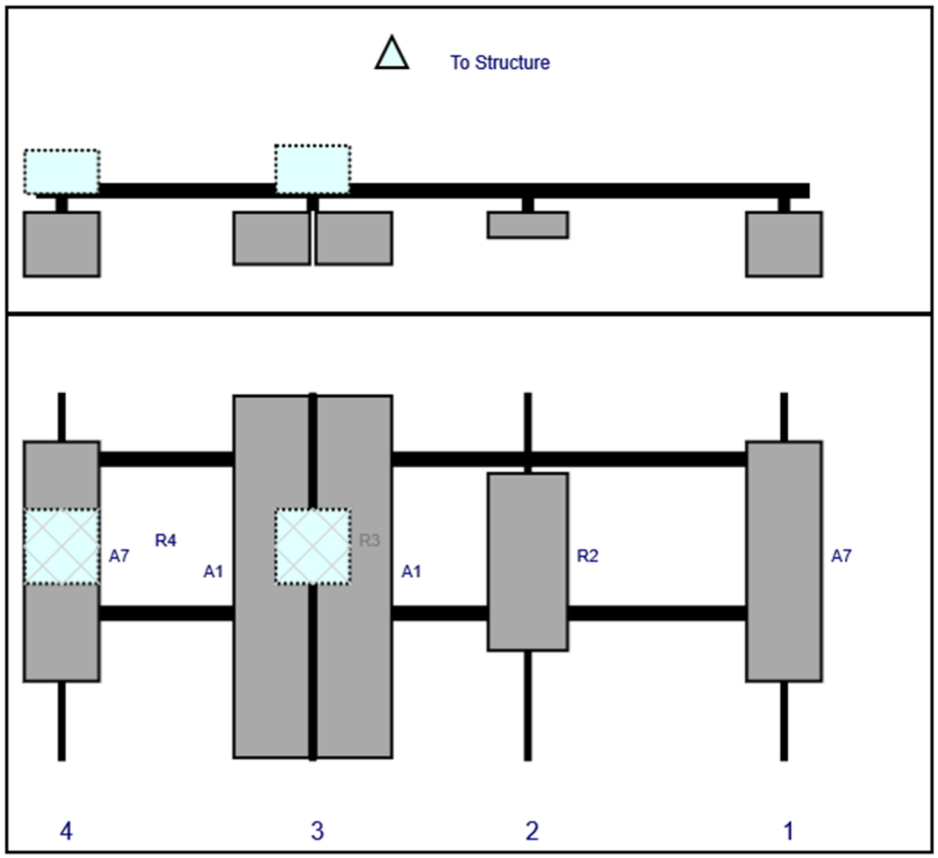
Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A7	LPA-80063/4CF	47.4	15.2	146	1	a	Front	33	0	Retained	03/26/2021
R2	MT6407-77A	35.1	16.1	96	2	a	Front	33	0	Added	
A1	MX06FRO660-03	71.3	15.4	54	3	a	Front	36	-8	Added	
A1	MX06FRO660-03	71.3	15.4	54	3	b	Front	36	8	Added	
R3	RF4439d-25A	15	15	54	3	a	Behind	30	0	Added	
A7	LPA-80063/4CF	47.4	15.2	5	4	a	Front	33	0	Retained	03/26/2021
R4	RF4440d-13A	15	15	5	4	a	Behind	30	0	Added	

Structure: 467554-VZW - GRISWOLD EAST CT

Sector:	B		8/16/2021
Structure Type:	Self Support	10046601	
Mount Elev:	156.00		Page: 2

Plan View

Front View
Looking at Structure



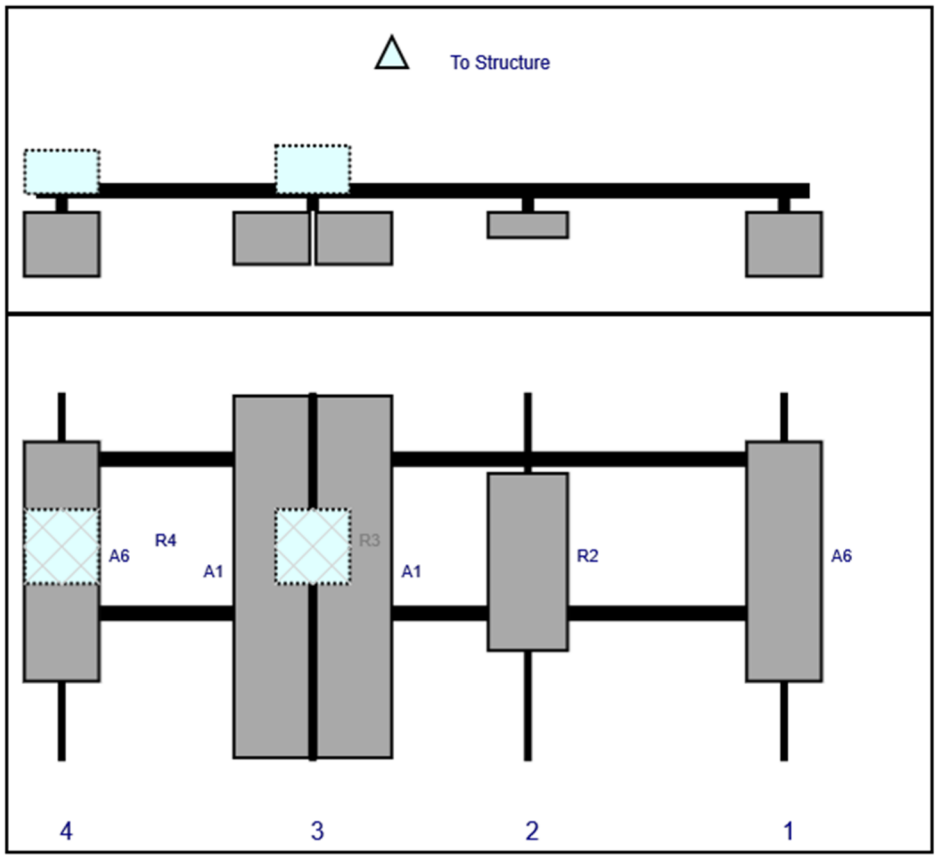
Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A7	LPA-80063/4CF	47.4	15.2	146	1	a	Front	33	0	Retained	03/26/2021
R2	MT6407-77A	35.1	16.1	96	2	a	Front	33	0	Added	
A1	MX06FRO660-03	71.3	15.4	54	3	a	Front	36	-8	Added	
A1	MX06FRO660-03	71.3	15.4	54	3	b	Front	36	8	Added	
R3	RF4439d-25A	15	15	54	3	a	Behind	30	0	Added	
A7	LPA-80063/4CF	47.4	15.2	5	4	a	Front	33	0	Retained	03/26/2021
R4	RF4440d-13A	15	15	5	4	a	Behind	30	0	Added	

Structure: 467554-VZW - GRISWOLD EAST CT

Sector:	C		8/16/2021
Structure Type:	Self Support	10046601	
Mount Elev:	156.00		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
A6	LPA-80063-4CF-EDIN-0	47.4	15.2	146	1	a	Front	33	0	Retained	03/26/2021
R2	MT6407-77A	35.1	16.1	96	2	a	Front	33	0	Added	
A1	MX06FRO660-03	71.3	15.4	54	3	a	Front	36	-8	Added	
A1	MX06FRO660-03	71.3	15.4	54	3	b	Front	36	8	Added	
R3	RF4439d-25A	15	15	54	3	a	Behind	30	0	Added	
A6	LPA-80063-4CF-EDIN-0	47.4	15.2	5	4	a	Front	33	0	Retained	03/26/2021
R4	RF4440d-13A	15	15	5	4	a	Behind	30	0	Added	

Exhibit F

Power Density/RF Emissions Report

Site Name: ***GRISWOLD EAST CT***
Cumulative Power Density

Operator	Operating Frequency	Number of Trans.	ERP Per Trans.	Total ERP	Distance to Target	Calculated Power Density
	(MHz)		(watts)	(watts)	(feet)	(mW/cm^2)
VZW 700	751	4	623	2494	157	0.0036
VZW CDMA	877.26	2	388	776	157	0.0011
VZW Cellular	874	4	623	2494	157	0.0036
VZW PCS	1977.5	4	1428	5713	157	0.0083
VZW AWS	2120	4	1530	6122	157	0.0089
VZW CBAND	3730.08	4	6531	26125	157	0.0381

Total Percentage of Maximum Permissible Exposure

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

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

Absolute worst case maximum values used.

Maximum Permissible Exposure*	Fraction of MPE
(mW/cm^2)	(%)
0.5007	0.73%
0.5848	0.19%
0.5827	0.62%
1.0000	0.83%
1.0000	0.89%
1.0000	3.81%
	7.08%

ΞEE C95.1-1992
s November 10, 2015 Memorandum for Exempt Modification filings