



NORTHEAST
SITE SOLUTIONS

Turnkey Wireless Development

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

December 9, 2021

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

RE: Exempt Modification Application
116 Grant Hill Road, Brooklyn, CT 06234
Latitude: 41.791388
Longitude: -72.015277
Site #: 876390_Crown_VZW

Dear Ms. Bachman:

Verizon Wireless is requesting to file an exempt modification for an existing tower located at 116 Grant Hill Road, Brooklyn, CT 06234. Verizon Wireless currently maintains twelve (12) antennas at the 117-foot level of the existing 150-foot tower. The property is owned by Jean Paul and Dawna Bernier and the tower is owned by Crown Castle. Verizon now intends to replace six (6) antennas and add three (3) antennas. The new antennas would be installed at the 117-foot level of the tower. This modification includes B2, B5 hardware that is both 4G (LTE), and 5G capable. Antenna mount modifications will be completed as per the attached Maser mount analysis dated November 12, 2021.

Verizon Planned Modifications:

Remove: None

Remove and Replace:

- (3) BXA-171085-12CF Antennas (REMOVE) – (3) NNH-65C-R2B Antennas (REPLACE)
- (3) BXA-70063-6CF Antennas (REMOVE) – (3) NNH-65C-R2B Antennas (REPLACE)

Install New:

- (3) Samsung MT6407-77A Antennas
- (3) Samsung RF4439D-25A RRH
- (3) Samsung RF4440D-13A RRH
- (1) Raycap OVP-12
- (1) Hybrid Line

Existing to Remain:

- (6) ANTEL Antennas
- (16) 1-5/8" Coax

The facility was approved by the Town of Brooklyn on April 17, 2000. Please see attached.



NORTHEAST
SITE SOLUTIONS

Turnkey Wireless Development

Please accept this letter as notification pursuant to Regulations of Connecticut State Agencies § 16-50j-72(b)(2), 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 Austin Tanner, First Selectman and Jana Butts Roberson, Director of Community Development for the Town of Brooklyn. A copy is also being sent to the tower owner and property owner.

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

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

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

Sincerely,

Denise Sabo

Mobile: 203-435-3640

Fax: 413-521-0558

Office: 4 Angela's Way, Burlington CT 06013

E-mail: denise@northeastsitesolutions.com



NORTHEAST
SITE SOLUTIONS

Turnkey Wireless Development

Attachments

Cc: Austin Tanner, First Selectman
Town of Brooklyn
4 Wolf Den Road
PO Box 356
Brooklyn 06234

Jana Butts Roberson, Director of Community Development
Town of Brooklyn
69 South Main Street
Suite 22
Brooklyn, CT 06234

Jean Paul and Dawna Bernier, Property Owners
116 Grant Hill Road,
Brooklyn, CT 06234

Crown Castle, Tower Owner

Exhibit A

Original Facility Approval

PERMIT NO. **No 005802** APPLICATION FOR BUILDING PERMIT TOWN OF BROOKLYN CONNECTICUT

(Application must be typed or printed)

LOCATION OF JOB (NO. & STREET) 116 Short Hill		CARD NO.	MAP 4	BLOCK	LOT 5
OWNER Robert Bernier	TEL.	ADDRESS (NO., STREET, TOWN, STATE, ZIP) None			
APPLICANT Sarist Spectrum	TEL.	ADDRESS (NO., STREET, TOWN, STATE, ZIP) 9 Barnes Vnd. Rd Wallingford Ct 06492			
BUILDER	TEL.	ADDRESS (NO., STREET, TOWN, STATE, ZIP)			
LICENSE #		NAME & TEL. # OF PERSON RESPONSIBLE			

All Permits Must Be Posted And Visible From The Street

SIZE OF BUILDING STORIES _____ NO. OF FAMILIES _____ HEIGHT _____ DEPTH _____ FRONT _____ TOTAL FLOOR AREA (NEW) _____ SQ.FT.		DISTANCES FROM LOT LINE (Circle Front Lot Line) EAST _____ WEST _____ NORTH _____ SOUTH _____		OTHER REQUIREMENTS ZONING PERMIT _____ REQ'D. _____ ATTACHED _____ PLOT PLAN _____ REQ'D. _____ ATTACHED _____ SEPTIC PERMIT _____ REQ'D. _____ ATTACHED _____																												
TYPE OF WORK BEING DONE ☐ ORIG. CONSTRUCTION ☐ REPAIR ☐ ALTERATION ☐ DEMOLITION ☐ ADDITION		PROPOSED USE ☐ NEW HOME (Single Family) ☐ MULTI FAMILY _____ # OF BEDROOMS _____ WATER SUPPLY _____		APPROVALS ZONING _____ FIRE MARSHAL _____ WETLAND _____ ENGINEER _____ SANITATION _____ STREET SUPT. _____																												
CONSTRUCTION VALUE ESTIMATED _____ ACTUAL _____		☐ ADDITION ☐ GARAGE ☐ DECK/PORCH ☐ SHED ☐ POOL ☐ COMMERCIAL/PUBLIC ☐ OTHER _____		FEE COVERS <table border="1"> <thead> <tr> <th></th> <th>VALUE</th> <th>FEE</th> </tr> </thead> <tbody> <tr> <td>☒ CONSTRUCTION</td> <td>118,000</td> <td>826</td> </tr> <tr> <td>☐ PLUMBING</td> <td></td> <td></td> </tr> <tr> <td>☐ HEATING</td> <td></td> <td></td> </tr> <tr> <td>☐ ELECTRICAL</td> <td></td> <td></td> </tr> <tr> <td>☐ SEPTIC</td> <td></td> <td></td> </tr> <tr> <td>☒ ZONING</td> <td></td> <td>35</td> </tr> <tr> <td>☐ OTHER</td> <td></td> <td></td> </tr> <tr> <td>TOTAL</td> <td></td> <td>861</td> </tr> </tbody> </table>			VALUE	FEE	☒ CONSTRUCTION	118,000	826	☐ PLUMBING			☐ HEATING			☐ ELECTRICAL			☐ SEPTIC			☒ ZONING		35	☐ OTHER			TOTAL		861
	VALUE	FEE																														
☒ CONSTRUCTION	118,000	826																														
☐ PLUMBING																																
☐ HEATING																																
☐ ELECTRICAL																																
☐ SEPTIC																																
☒ ZONING		35																														
☐ OTHER																																
TOTAL		861																														
TYPE OF HEAT ☐ ELECTRIC ☐ SOLAR ☐ GAS ☐ OTHER _____ ☐ OIL		BUILDING PLANS _____ REQUIRED _____ ATTACHED _____ MATERIALS LIST _____ ON PLANS _____ ATTACHED _____		CHECK # 0588 DATE PAID 4-6-00																												

DESCRIPTION OF WORK / REMARKS:

150' tower telecommunications

All work covered by this application has been authorized by the (owner) or (agent) of this property and will be done according to state regulations. This permit shall lapse if work does not commence within 6 months.

4/17/00
Date

Chris J. Bernier
Owner/Agent Signature

☒ APPROVED
4/17/00
Date

☐ DISAPPROVED
J. Bernier
Building Official

Office Copy - White

Owner Copy - Yellow

Assessor's Copy - Pink

Building Official - Green

Building Official - Goldenrod

Exhibit B

Property Card

116 GRANT HILL RD

Location 116 GRANT HILL RD

Mblu 4/ / 5/ /

Acct# 00024900

Owner BERNIER JEAN PAUL & DAWNA G

Assessment \$360,930

Appraisal \$686,300

PID 255

Building Count 1

Current Value

Appraisal			
Valuation Year	Improvements	Land	Total
2020	\$191,800	\$494,500	\$686,300
Assessment			
Valuation Year	Improvements	Land	Total
2020	\$134,400	\$226,530	\$360,930

Owner of Record

Owner BERNIER JEAN PAUL & DAWNA G
Co-Owner
Care Of
Address 116 GRANT HILL RD
BROOKLYN, CT 06234

Sale Price \$0
Certificate
Book 0462
Page 0288
Sale Date 09/17/2009
Instrument 29
Qualified U

Ownership History

Ownership History						
Owner	Sale Price	Certificate	Instrument	Sale Date	Book	Page
BERNIER JEAN PAUL & DAWNA G	\$0		29	09/17/2009	0462	0288
BERNIER ROBERT E	\$0		29	09/17/2009	0462	0287
BERNIER ROBERT E+AGNES P	\$500			06/19/1968	0045	0291
BERNIER ROBERT E & AGNES P	\$0			11/28/1955	0032	0549

Building Information

Building 1 : Section 1

Year Built:

1956

Living Area:

1,595

Replacement Cost:

\$265,281

Building Percent Good:

70

Replacement Cost

Less Depreciation:

\$185,700

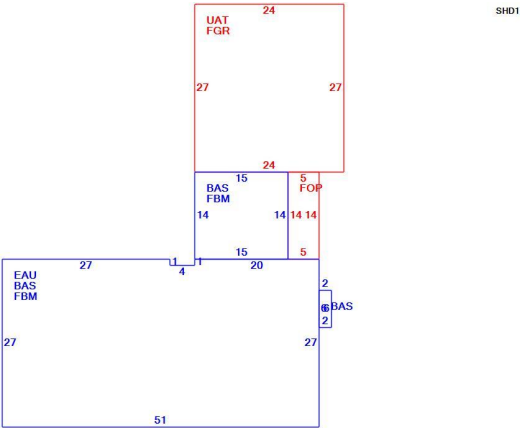
Building Attributes	
Field	Description
Style:	Cape Cod
Model	Residential
Grade:	C+
Stories:	1.25
Occupancy	2
Exterior Wall 1	Vinyl Siding
Exterior Wall 2	Clapboard
Roof Structure:	Gable/Hip
Roof Cover	Asph/F GlS/Cmp
Interior Wall 1	Drywall/Sheet
Interior Wall 2	
Interior Flr 1	Hardwood
Interior Flr 2	Carpet
Heat Fuel	Oil
Heat Type:	Hot Water
AC Type:	None
Total Bedrooms:	2 Bedrooms
Total Bthrms:	3
Total Half Baths:	0
Total Xtra Fixtrs:	1
Total Rooms:	6
Bath Style:	Average
Kitchen Style:	Modern
Num Kitchens	
Cndtn	
Num Park	
Fireplaces	
Fndtn Cndtn	
Basement	

Building Photo



(<http://images.vgsi.com/photos/BrooklynCTPhotos/A00\00\02\13.JPG>)

Building Layout



(ParcelSketch.ashx?pid=255&bid=255)

Building Sub-Areas (sq ft)			Legend
Code	Description	Gross Area	Living Area
BAS	First Floor	1,595	1,595
EAU	Attic, Expansion, Unfinished	1,373	0
FBM	Basement, Finished	1,583	0
FGR	Garage	648	0
FOP	Porch, Open	70	0
UAT	Attic, Unfinished	648	0
		5,917	1,595

Extra Features

Extra Features				Legend
Code	Description	Size	Value	Bldg #
FPL1	FIREPLACE 1 ST	1.00 UNITS	\$1,500	1

FPO	EXTRA FPL OPEN	2.00 UNITS	\$1,100	1
KIT1	EXTRA KITCHEN	1.00 UNITS	\$3,500	1

Land

Land Use		Land Line Valuation	
Use Code	1070	Size (Acres)	105.00
Description	SFR w/INLAW	Frontage	
Zone	RA	Depth	
Neighborhood	0050	Assessed Value	\$226,530
Alt Land Appr Category	No	Appraised Value	\$494,500

Outbuildings

Outbuildings	Legend
No Data for Outbuildings	

Valuation History

Appraisal			
Valuation Year	Improvements	Land	Total
2019	\$147,300	\$447,400	\$594,700
2018	\$147,300	\$447,400	\$594,700
2017	\$147,300	\$447,400	\$594,700

Assessment			
Valuation Year	Improvements	Land	Total
2019	\$103,200	\$232,530	\$335,730
2018	\$103,200	\$232,530	\$335,730
2017	\$103,200	\$232,530	\$335,730



Parcels (1)

☆ CT-019-4-5



Owner Name:BERNIER JEAN PAUL & DAWNA G

Street Address: 116 GRANT HILL RD

Town: Brooklyn

Appraised Value: 360930

I want to...

☆ CT-019-4-5

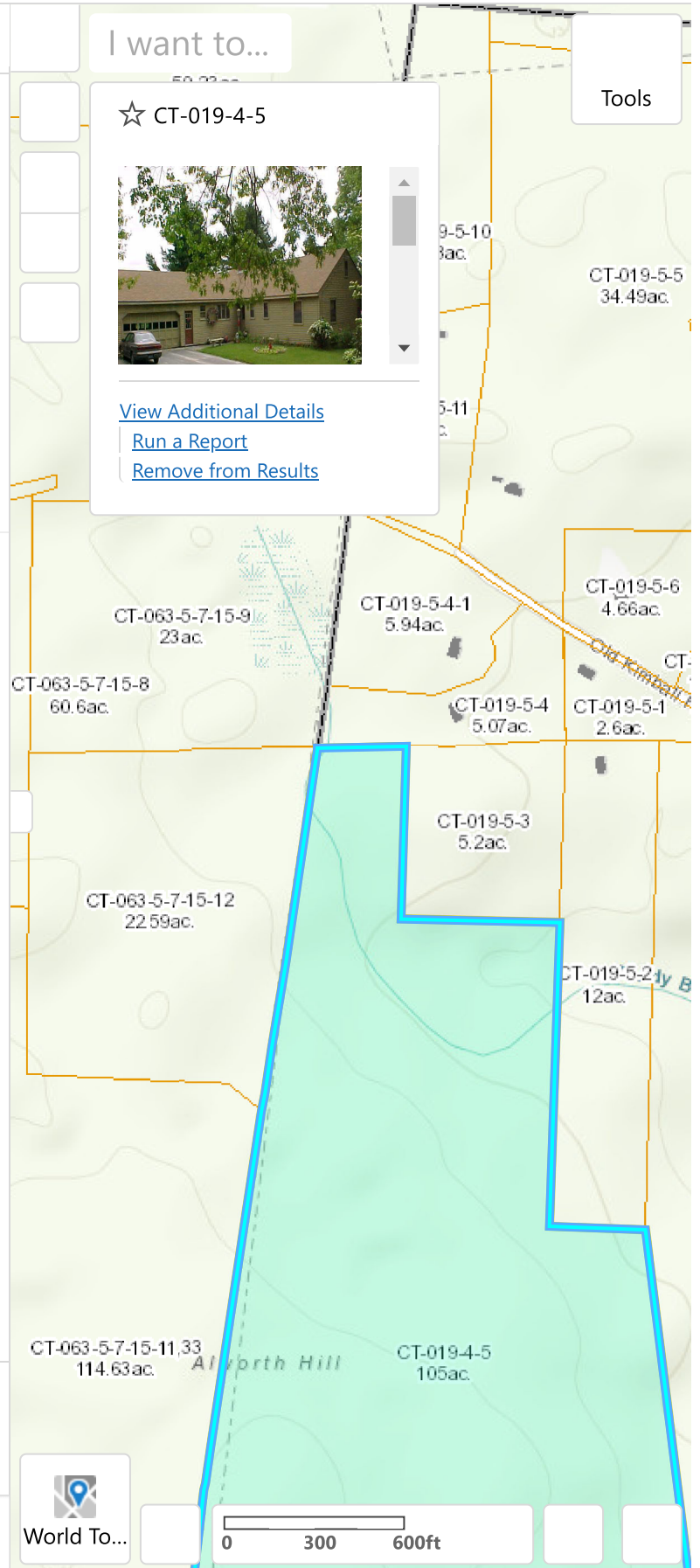


[View Additional Details](#)

[Run a Report](#)

[Remove from Results](#)

Tools



Displaying 1 - 1 (Total: 1)



Exhibit C

Construction Drawings



VERIZON SITE NUMBER: 468141
VERIZON SITE NAME: BROOKLYN WEST CT
SITE TYPE: MONOPOLE
TOWER HEIGHT: 150'-0"

BUSINESS UNIT #: 876390
SITE ADDRESS: 116 GRANT HILL RD.
BROOKLYN, CT 06234
COUNTY: WINDHAM
JURISDICTION: CONNECTICUT
SITING COUNCIL

VERIZON 5G L-SUB6 - CARRIER ADD

180 WASHINGTON VALLEY ROAD
BEDMINSTER, NJ 07921

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

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

VERIZON SITE NUMBER:
468141

BU #: 876390
HAMPTON / BERNIER

116 GRANT HILL RD.
BROOKLYN, CT 06234

EXISTING 150'-0" MONOPOLE

ISSUED FOR:				
REV	DATE	DRWN	DESCRIPTION	DES./QA
0	11/15/21	HN	CONSTRUCTION	TDG

B&T ENGINEERING, INC.

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

SITE INFORMATION

CROWN CASTLE USA INC. SITE NAME:	HAMPTON / BERNIER
SITE ADDRESS:	116 GRANT HILL RD. BROOKLYN, CT 06234
COUNTY:	WINDHAM
MAP/PARCEL #:	CT-019-4-5
AREA OF CONSTRUCTION:	EXISTING
LATITUDE:	41.791566
LONGITUDE:	-72.015011
LAT/LONG TYPE:	NAD83
GROUND ELEVATION:	737'
CURRENT ZONING:	RA
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:	BERNIER JEAN PAUL & DAWNA G116 GRANT HILL RD BROOKLYN, CT 06234
TOWER OWNER:	CROWN CASTLE 2000 CORPORATE DRIVE CANONSBURG, PA 15317
CARRIER/APPLICANT:	VERIZON WIRELESS 180 WASHINGTON VALLEY ROAD BEDMINSTER, NJ 07921
ELECTRIC PROVIDER:	NORTHEAST UTILITIES (800) 286-2000
TELCO PROVIDER:	FRONTIER (800) 921-8101

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

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.vxwsmart.com
SMART TOOL VENDOR	
PROJECT NUMBER	----
VzW LOCATION CODE (PSLC)	468141

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

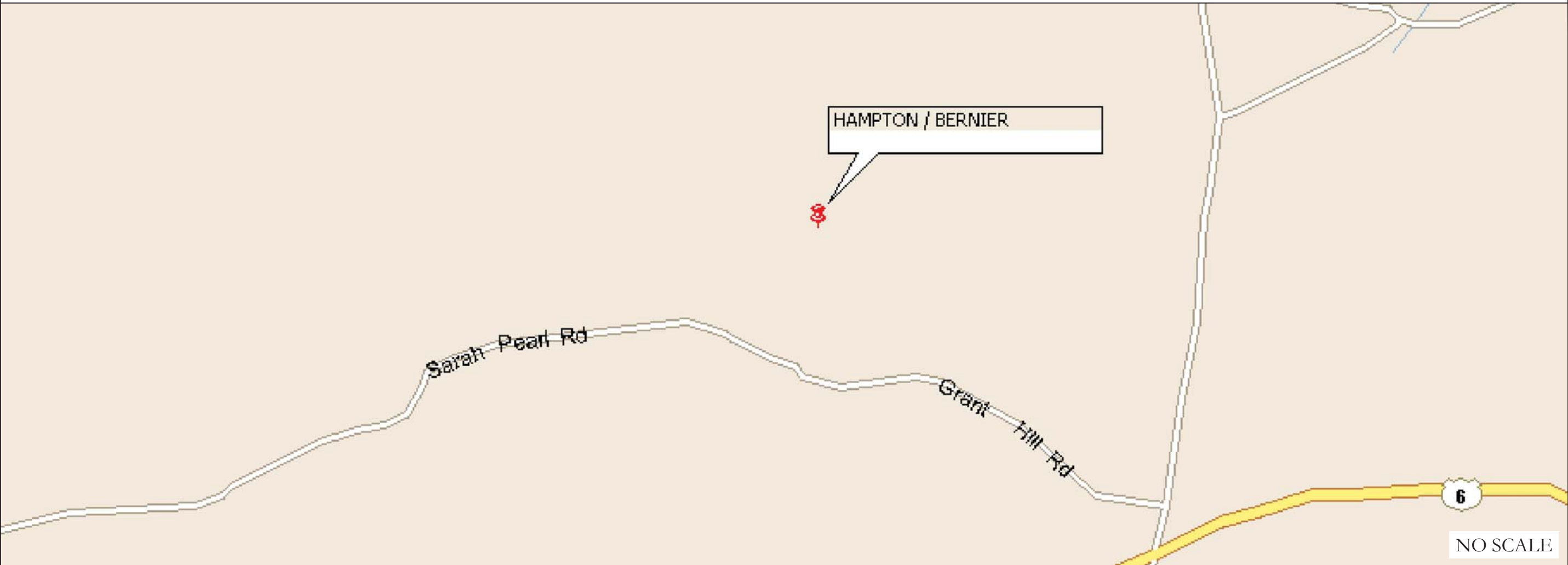
MOUNT MODIFICATION REQUIRED

N

VzW APPROVED SMART KIT VENDORS

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

LOCATION MAP



DRIVING DIRECTIONS FROM BRADLEY INTERNATIONAL AIRPORT:
CONTINUE TO EAST GRANBY, HEAD NORTH TOWARD BRADLEY INTERNATIONAL AIRPORT, SLIGHT LEFT ONTO BRADLEY INTERNATIONAL AIRPORT, CONTINUE STRAIGHT, TAKE I-91 S, I-291 E, I-384 AND US-6 E TO CHERRY HILL RD IN BROOKLYN, CONTINUE ONTO BRADLEY INTERNATIONAL AIRPORT CON, CONTINUE ONTO CT-20 E/BRADLEY INTERNATIONAL AIRPORT CON, TAKE THE EXIT ONTO I-91 S TOWARD HARTFORD, TAKE EXIT 35A FOR I-291 TOWARD MANCHESTER, CONTINUE ONTO I-291 E, TAKE THE I-384 E EXIT, CONTINUE ONTO I-384, CONTINUE ONTO US-44 E/US-6 E, KEEP RIGHT AT THE Y JUNCTION TO CONTINUE ON US-6 E, FOLLOW SIGNS FOR WILLIMANTIC/PROVIDENCE, TURN LEFT TO STAY ON US-6 E, USE THE RIGHT 2 LANES TO TURN RIGHT TO STAY ON US-6 E 11.1 MI, DRIVE TO GRANT HILL RD, TURN LEFT ONTO CHERRY HILL RD, TURN LEFT ONTO GRANT HILL RD.

APPLICABLE CODES/REFERENCE DOCUMENTS

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

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

REFERENCE DOCUMENTS:

STRUCTURAL ANALYSIS:	MORRISON HERSHFIELD
DATED:	8/17/21
MOUNT ANALYSIS:	N/A
DATED:	
RFDS REVISION:	N/A
DATED:	7/27/21
ORDER ID:	583560
REVISION:	N/A



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



PROJECT DESCRIPTION

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

TOWER SCOPE OF WORK:

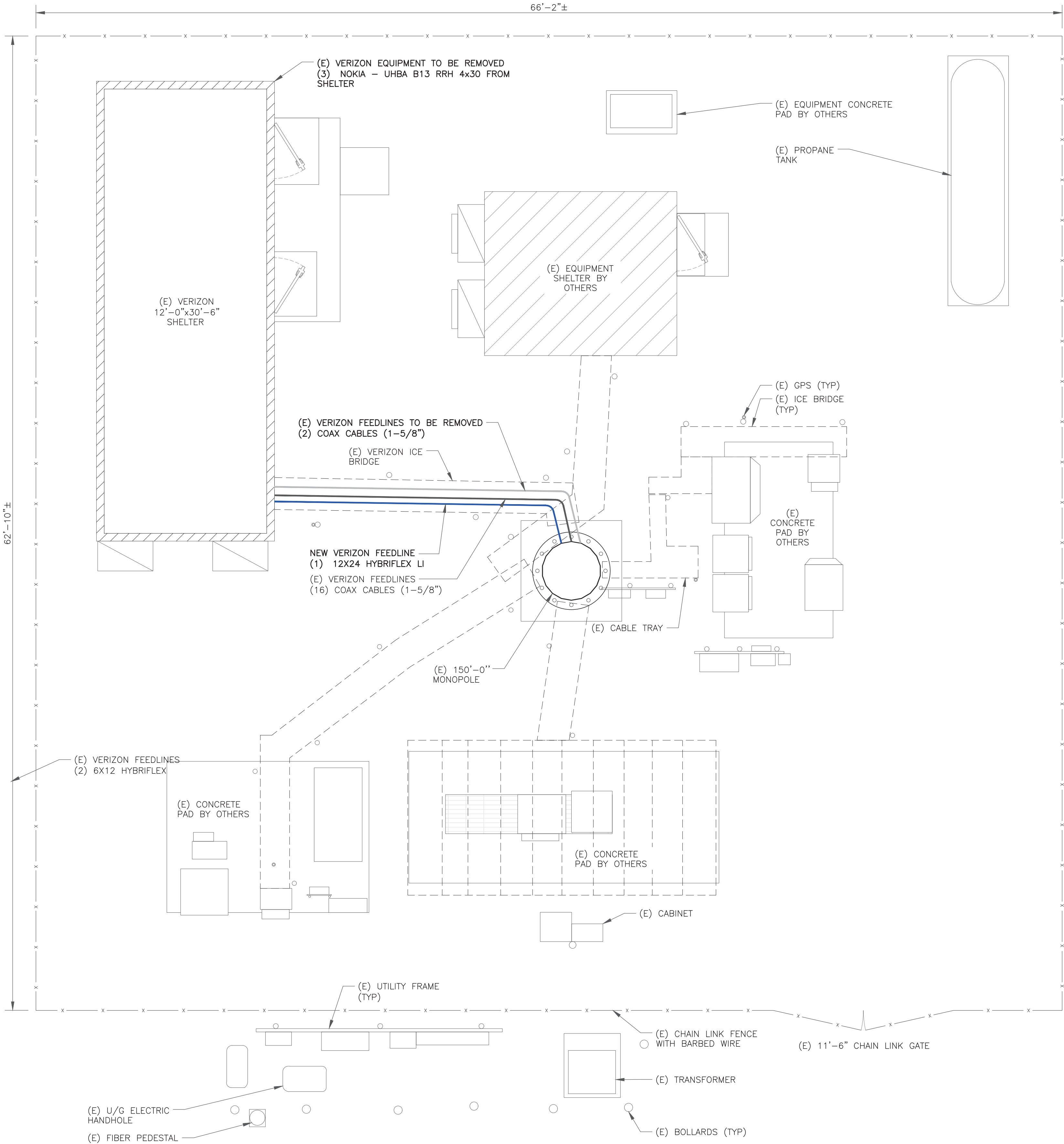
- REMOVE (6) ANTENNAS
- REMOVE (2) COAX CABLE (1-5/8")
- INSTALL (9) ANTENNAS
- INSTALL (6) RADIOS
- INSTALL (1) OVP
- INSTALL (3) DUAL ANTENNA MOUNTS
- INSTALL (1) 12X24 HYBRIFLEX LI

GROUND SCOPE OF WORK:

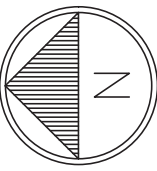
- REMOVE (3) RADIOS FROM SHELTER

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

1:36355.005,01_HAMPTON_BERNIER.dwg -- Sheet: C-1 -- User: tim.grove -- Nov 16, 2021 -- 3:35pm



1 SITE PLAN
SCALE: 1/4"=1'-0" (FULL SIZE)
1/8"=1'-0" (11x17)





180 WASHINGTON VALLEY ROAD
BEDMINSTER, NJ 07921



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



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

VERIZON SITE NUMBER:
468141

BU #: 876390
HAMPTON / BERNIER

116 GRANT HILL RD.
BROOKLYN, CT 06234

EXISTING 150'-0" MONOPOLE

ISSUED FOR:				
REV	DATE	DRWN	DESCRIPTION	DES./QA
0	11/15/21	HN	CONSTRUCTION	TDG

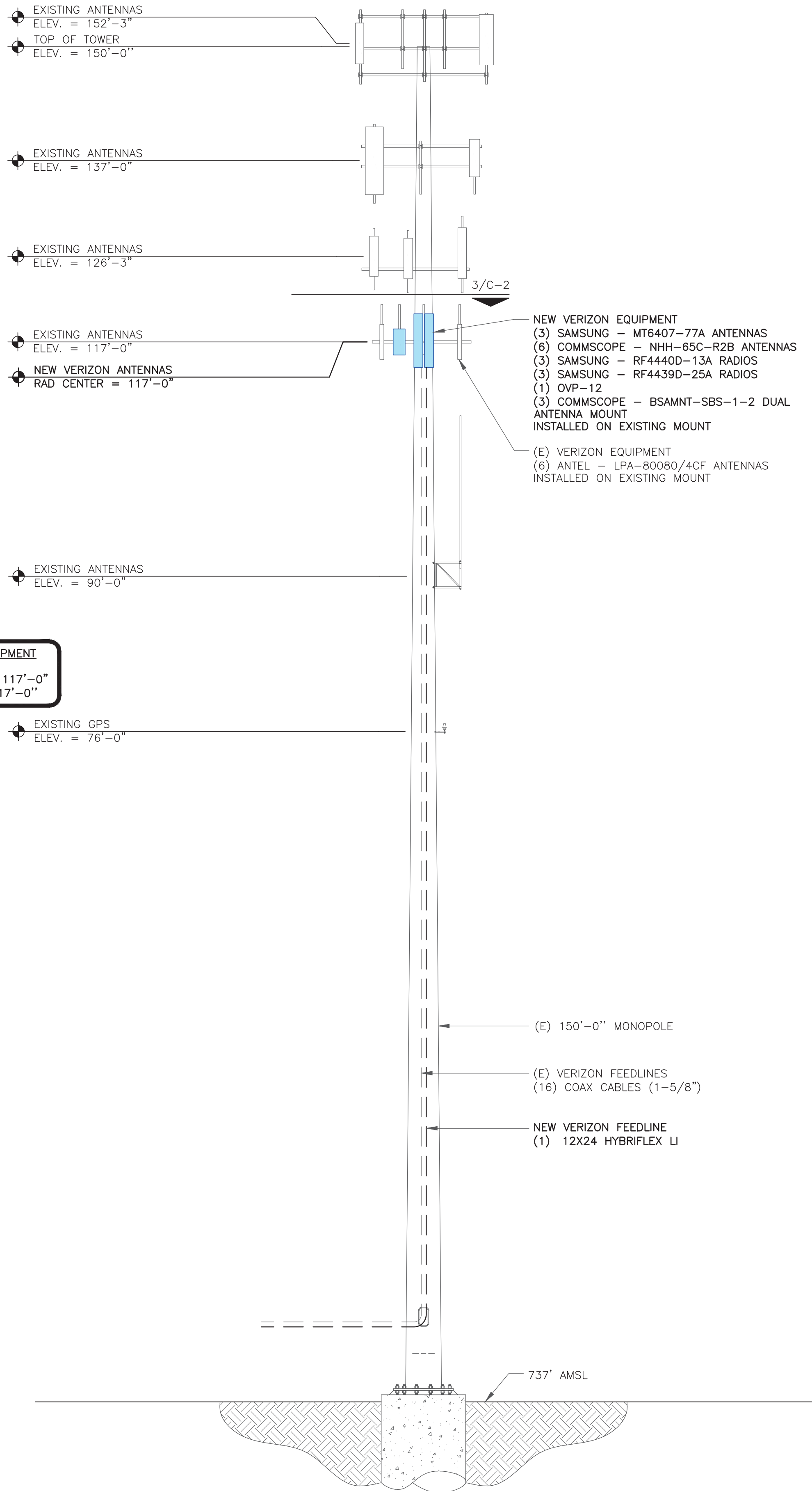


B&T ENGINEERING, INC.

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

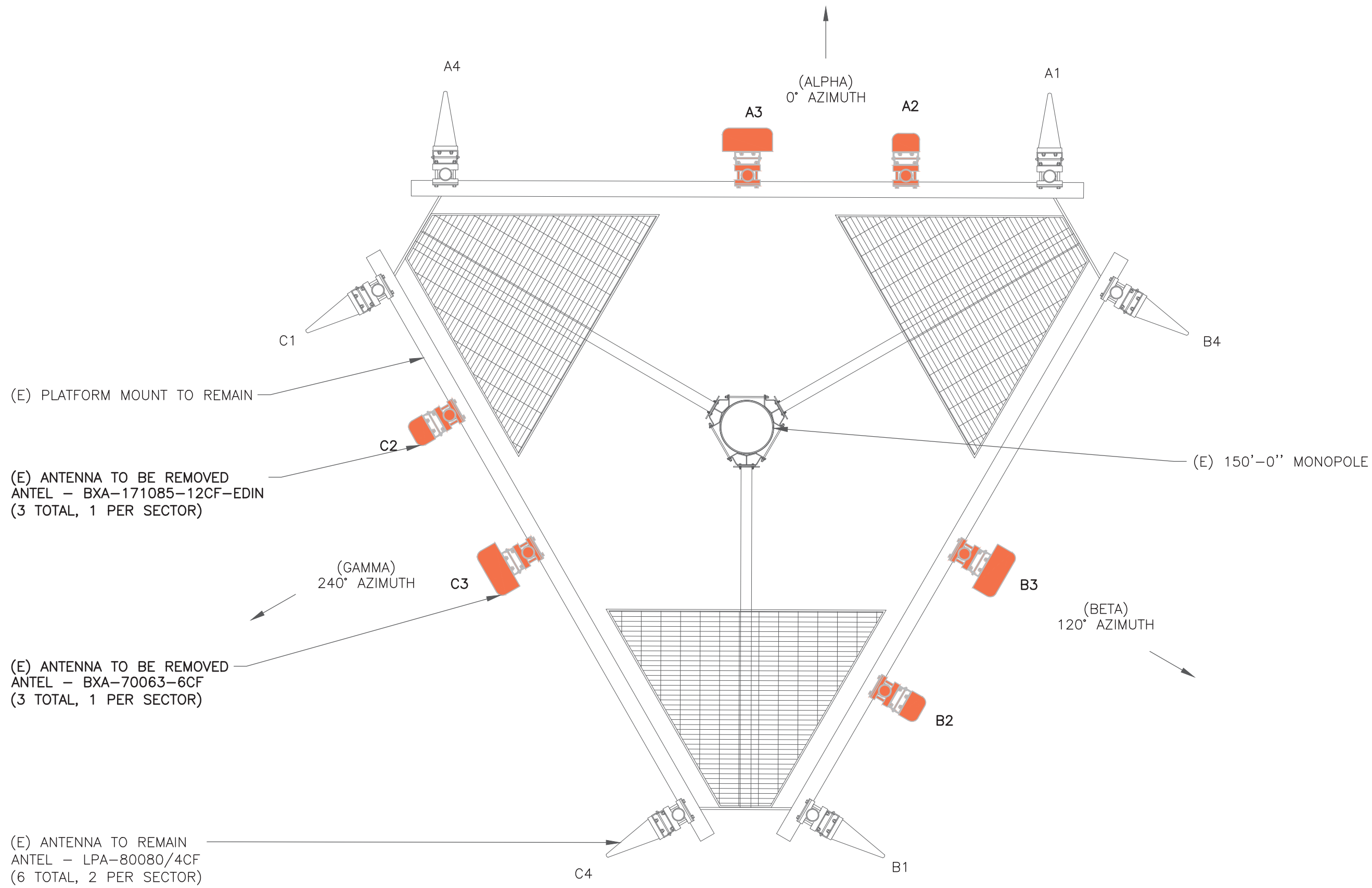
SHEET NUMBER:
C-1

REVISION:
0

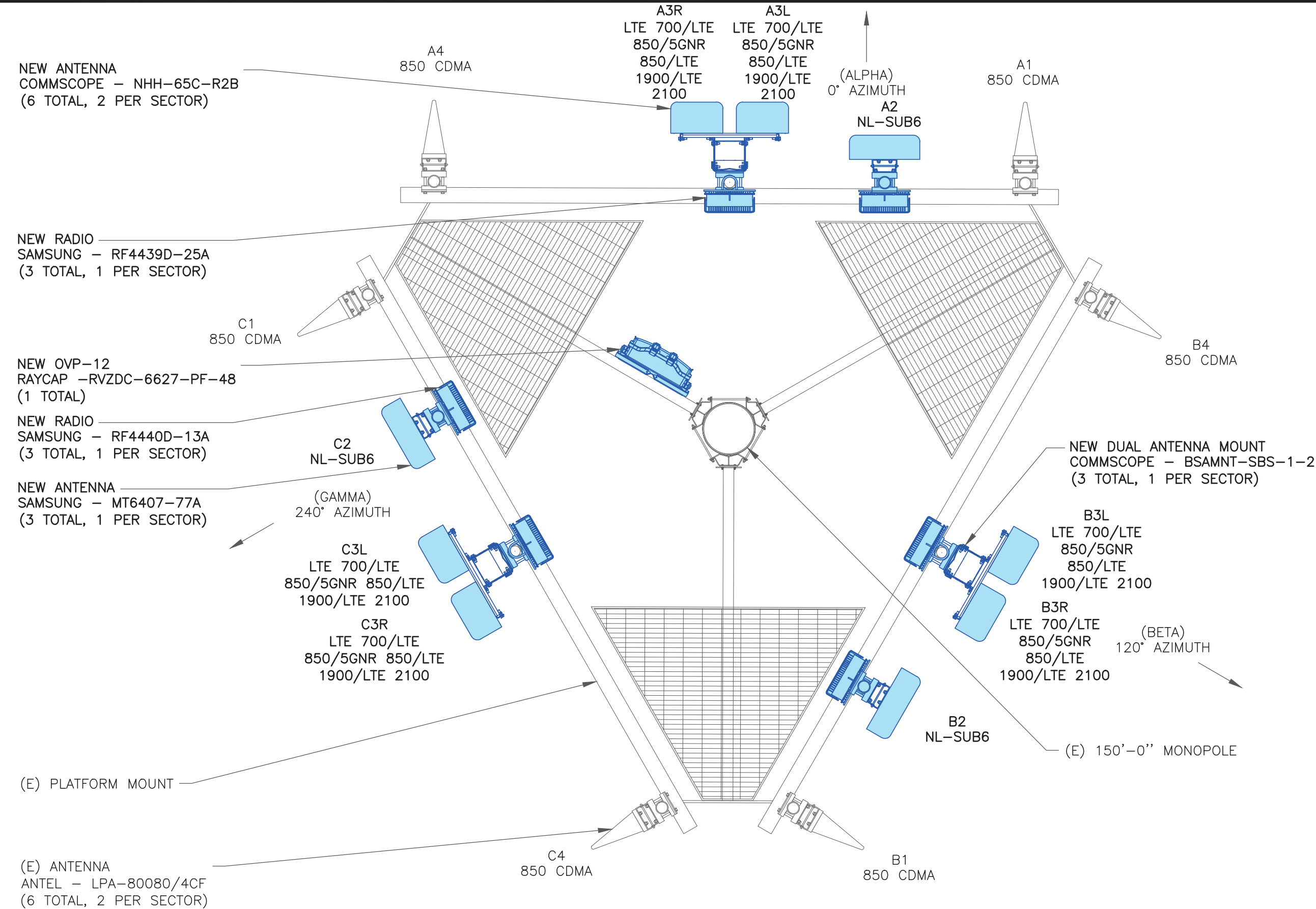


VERIZON EQUIPMENT
ANTENNA CL: 117'-0"
MOUNT CL: 117'-0"

1 TOWER ELEVATION
SCALE: NOT TO SCALE



2 EXISTING ANTENNA PLAN
SCALE: NOT TO SCALE



3 NEW ANTENNA PLAN
SCALE: NOT TO SCALE

verizon

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:
468141

BU #: **876390**
HAMPTON / BERNIER

116 GRANT HILL RD.
BROOKLYN, CT 06234

EXISTING 150'-0" MONOPOLE

ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	DES./QA
0	11/15/21	HN	CONSTRUCTION	TDG



B&T ENGINEERING, INC.

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

SHEET NUMBER:

C-2

REVISION:

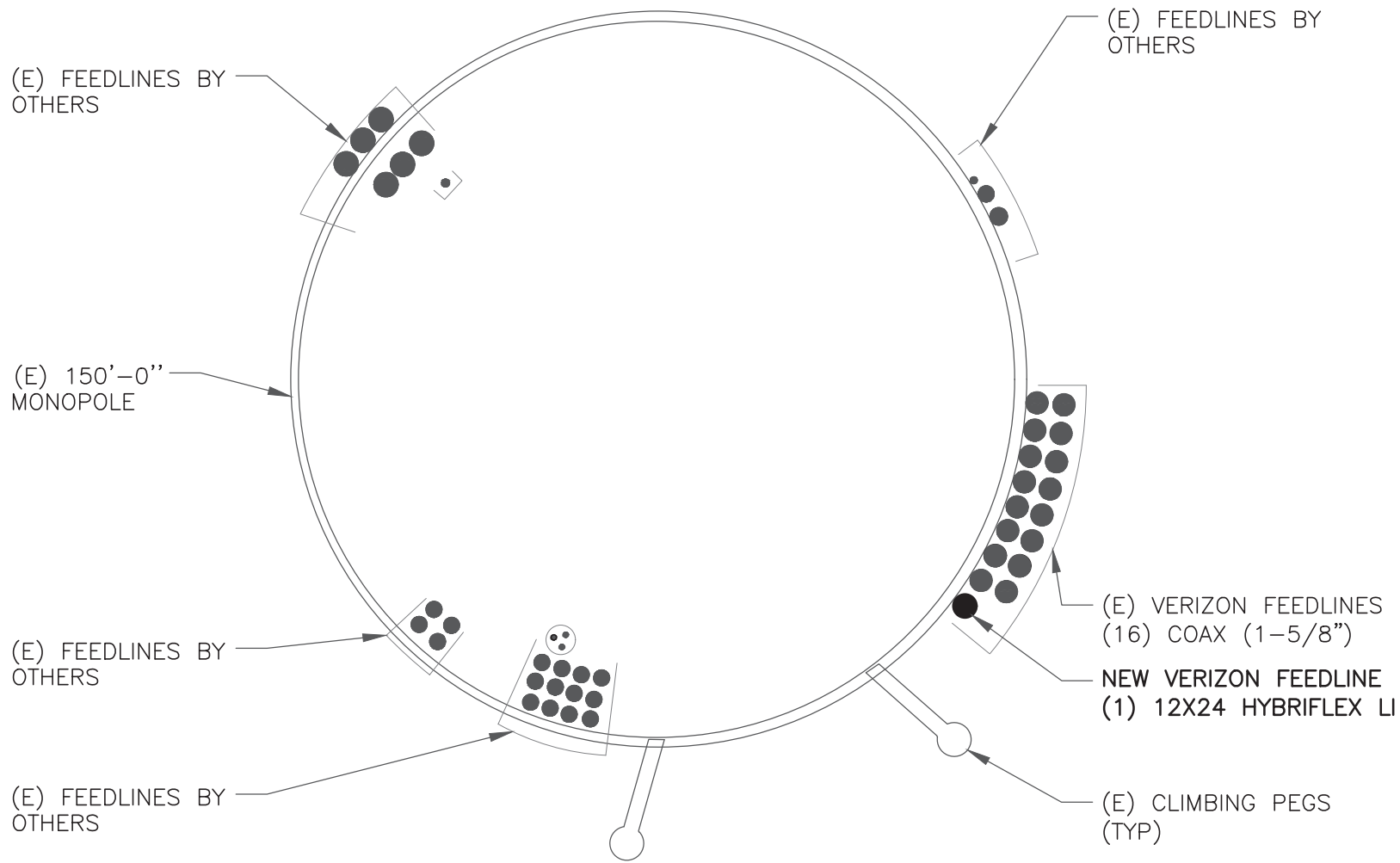
0

1:36:55.005,01_HAMPTON_BERNIER.dwg -- Sheet: C-3 -- User: tim.grove -- Nov 16, 2021 -- 3:35pm

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	117'-0"	0°	0°	0°	-	(1) OVP-12
A2	NEW	SAMSUNG	MT6407-77A	117'-0"	0°	0°	6°	SAMSUNG	(1) RF4440D-13A
A3L	NEW	COMMSCOPE	NHH-65C-R2B	117'-0"	0°	0°	2°/2°/2°/2°/2°	-	-
A4R	NEW	COMMSCOPE	NHH-65C-R2B	117'-0"	0°	0°	2°/2°/2°/2°/2°	-	-
A4	EXISTING	ANTEL	LPA-80080/4CF	117'-0"	0°	0°	0°	SAMSUNG	(1) RF4439D-25A
B1	EXISTING	ANTEL	LPA-80080/4CF	117'-0"	120°	4°	0°	-	-
B2	NEW	SAMSUNG	MT6407-77A	117'-0"	120°	0°	6°	SAMSUNG	(1) RF4440D-13A
B3L	NEW	COMMSCOPE	NHH-65C-R2B	117'-0"	120°	0°	8°/8°/8°/2°/2°	-	-
B4R	NEW	COMMSCOPE	NHH-65C-R2B	117'-0"	120°	0°	8°/8°/8°/2°/2°	-	-
B4	EXISTING	ANTEL	LPA-80080/4CF	117'-0"	120°	4°	0°	SAMSUNG	(1) RF4439D-25A
C1	EXISTING	ANTEL	LPA-80080/4CF	117'-0"	240°	0°	0°	-	(1) OVP-12
C2	NEW	SAMSUNG	MT6407-77A	117'-0"	240°	0°	6°	SAMSUNG	(1) RF4440D-13A
C3	NEW	COMMSCOPE	NHH-65C-R2B	117'-0"	240°	0°	6°/6°/6°/2°/2°	-	-
C4	NEW	COMMSCOPE	NHH-65C-R2B	117'-0"	240°	0°	6°/6°/6°/2°/2°	-	-
C4	EXISTING	ANTEL	LPA-80080/4CF	117'-0"	240°	0°	0°	SAMSUNG	(1) RF4439D-25A

1 VERIZON TOWER EQUIPMENT SCHEDULE
SCALE: NOT TO SCALE

CABLE SCHEDULE				
STATUS	CABLE TYPE	SIZE	LENGTH	QTY
EXISTING	COAX	1-5/8"	169'-0"±	16
NEW	HYBRIFLEX LI	12X24	-	1
TOTAL CABLE QTY:				17



2 BASE LEVEL DETAIL
SCALE: NOT TO SCALE





180 WASHINGTON VALLEY ROAD
BEDMINSTER, NJ 07921



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:
468141

BU #: **876390**
HAMPTON / BERNIER

116 GRANT HILL RD.
BROOKLYN, CT 06234

EXISTING 150'-0" MONOPOLE

ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	DES./QA
0	11/15/21	HN	CONSTRUCTION	TDG

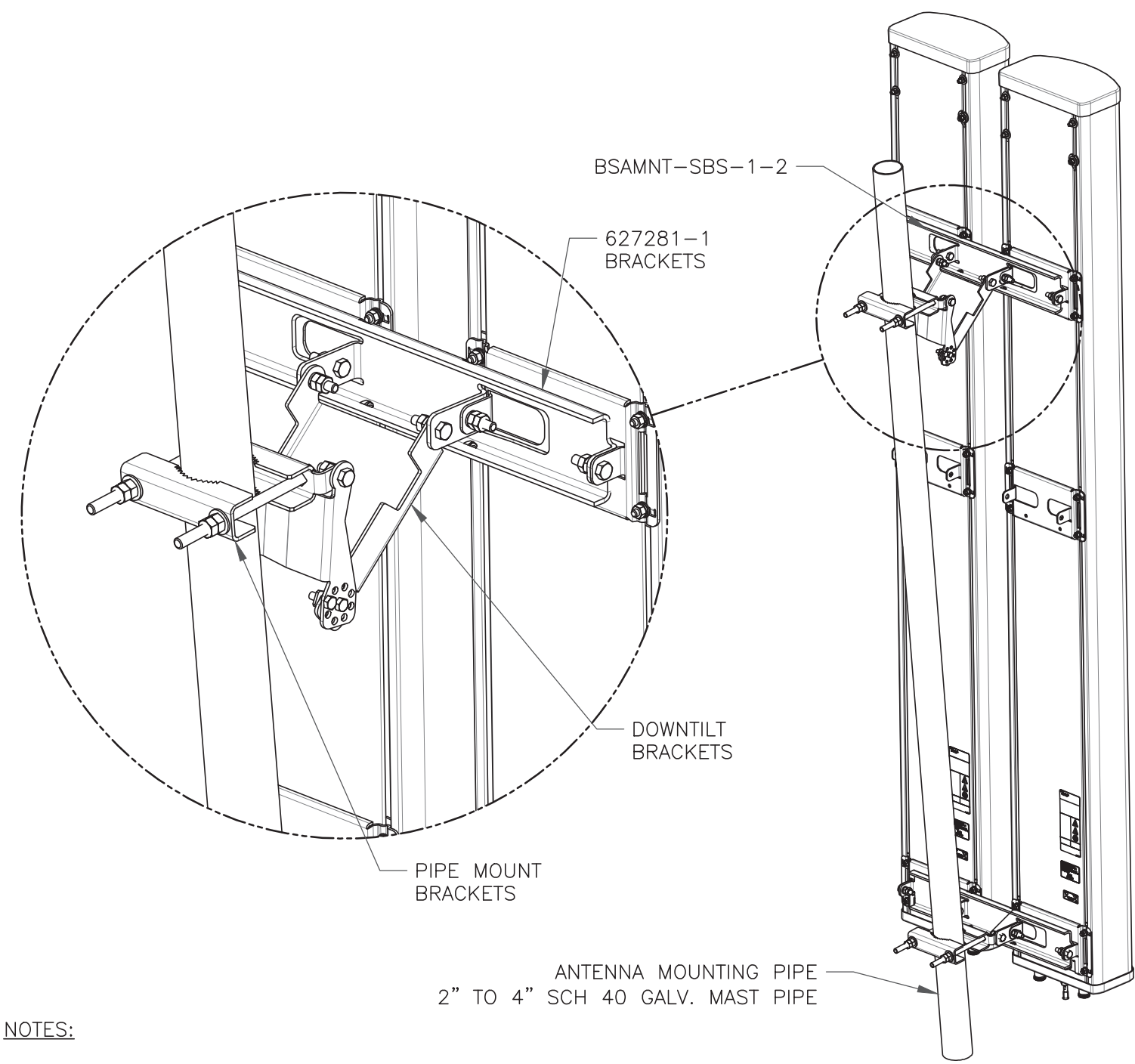


B&T ENGINEERING, INC.

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

SHEET NUMBER:
C-3

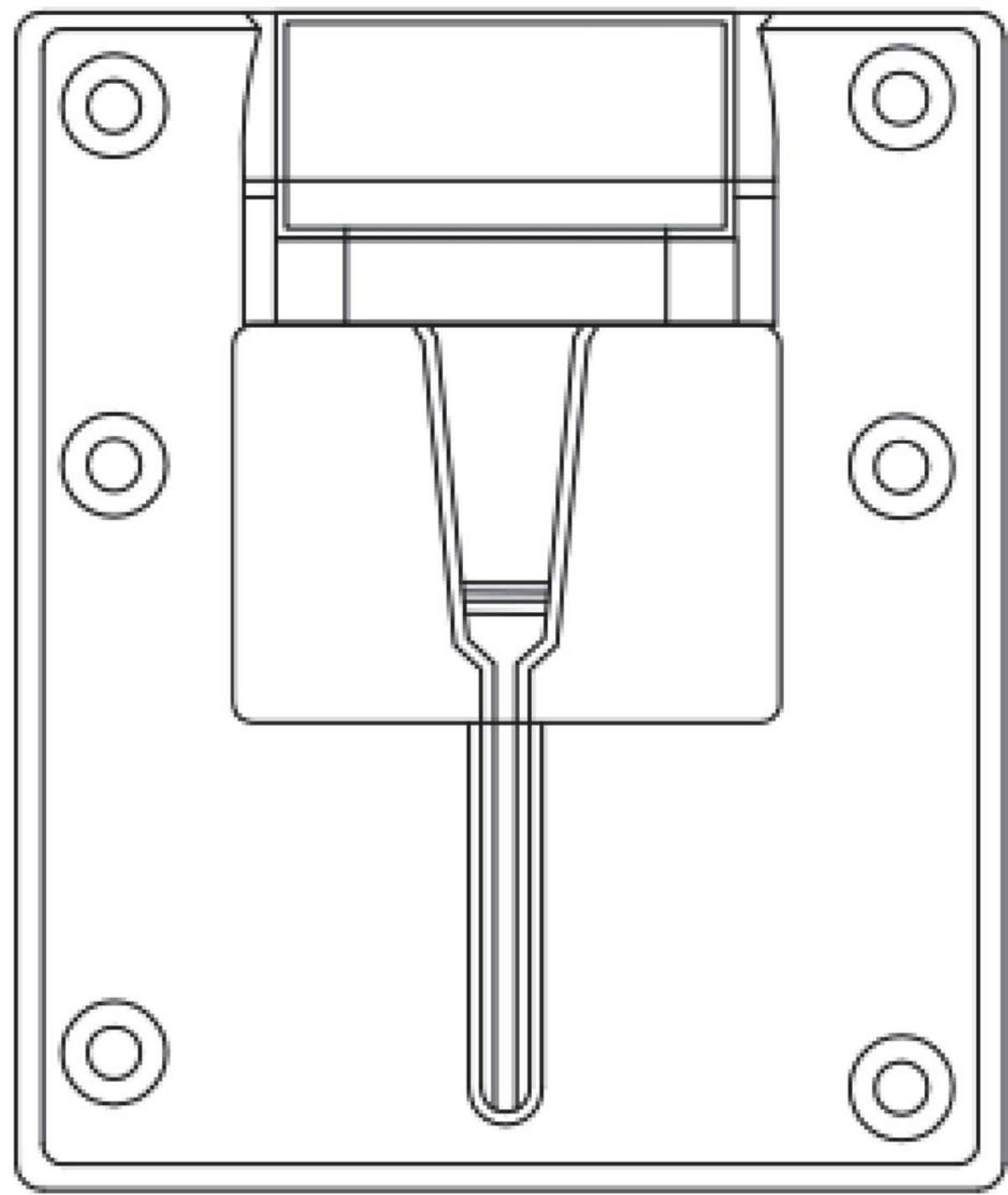
REVISION:
0



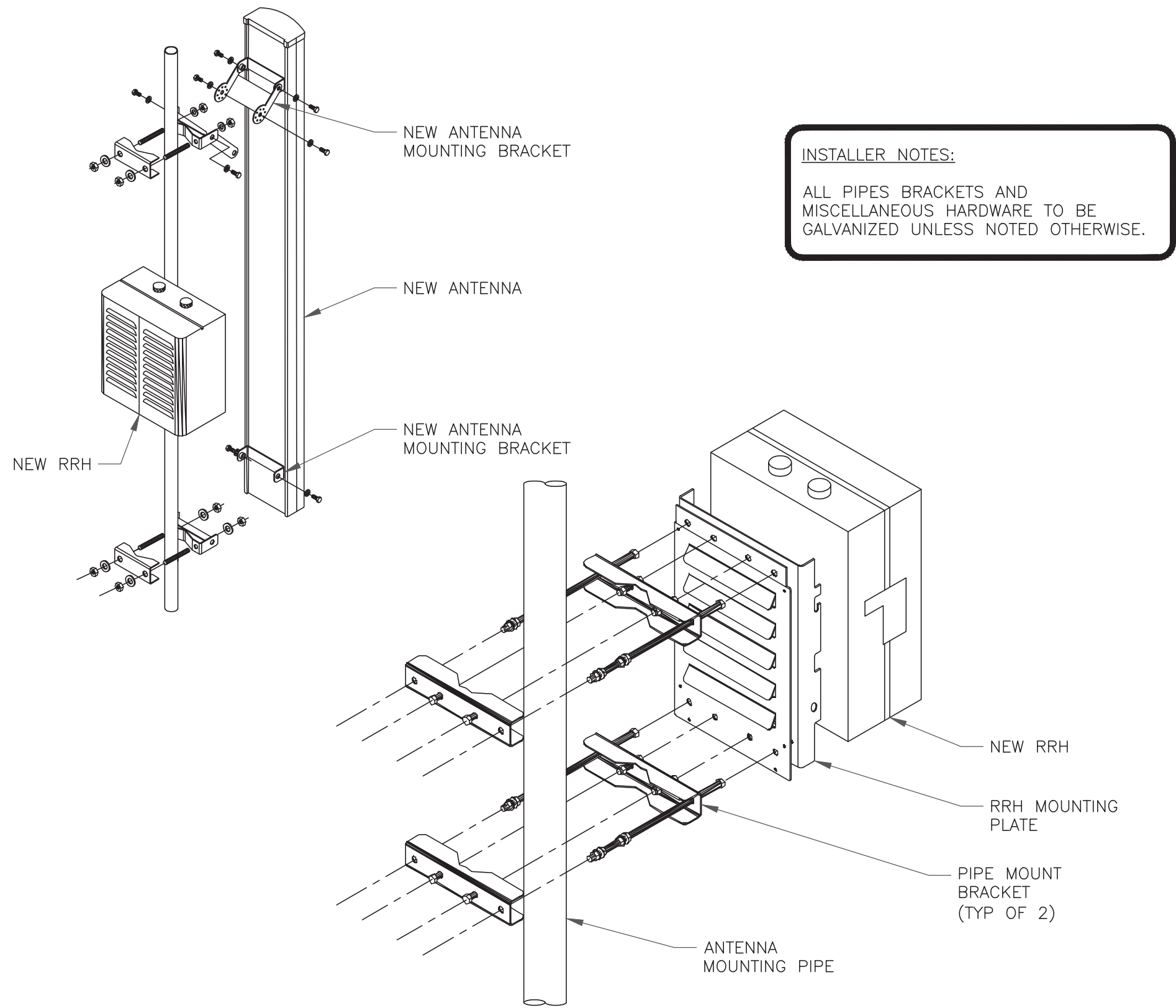
- NOTES:
- BSAMNT-SBS-1-2 KIT CONTAINS (2) 627281 MOUNTING BRACKETS.
 - TORQUE THE M10 BOLT ASSEMBLY TO 37 N.m. PER MANUFACTURE'S RECOMMENDATIONS.

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

2 NOT USED
SCALE: NOT TO SCALE



3 SAMSUNG — EP97-01585A BRACKET DETAIL
SCALE: NOT TO SCALE



4 ANTENNA & RRH MOUNTING DETAIL
SCALE: NOT TO SCALE

180 WASHINGTON VALLEY ROAD
BEDMINSTER, NJ 07921

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

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

VERIZON SITE NUMBER:
468141

BU #: 876390
HAMPTON / BERNIER

116 GRANT HILL RD.
BROOKLYN, CT 06234

EXISTING 150'-0" MONOPOLE

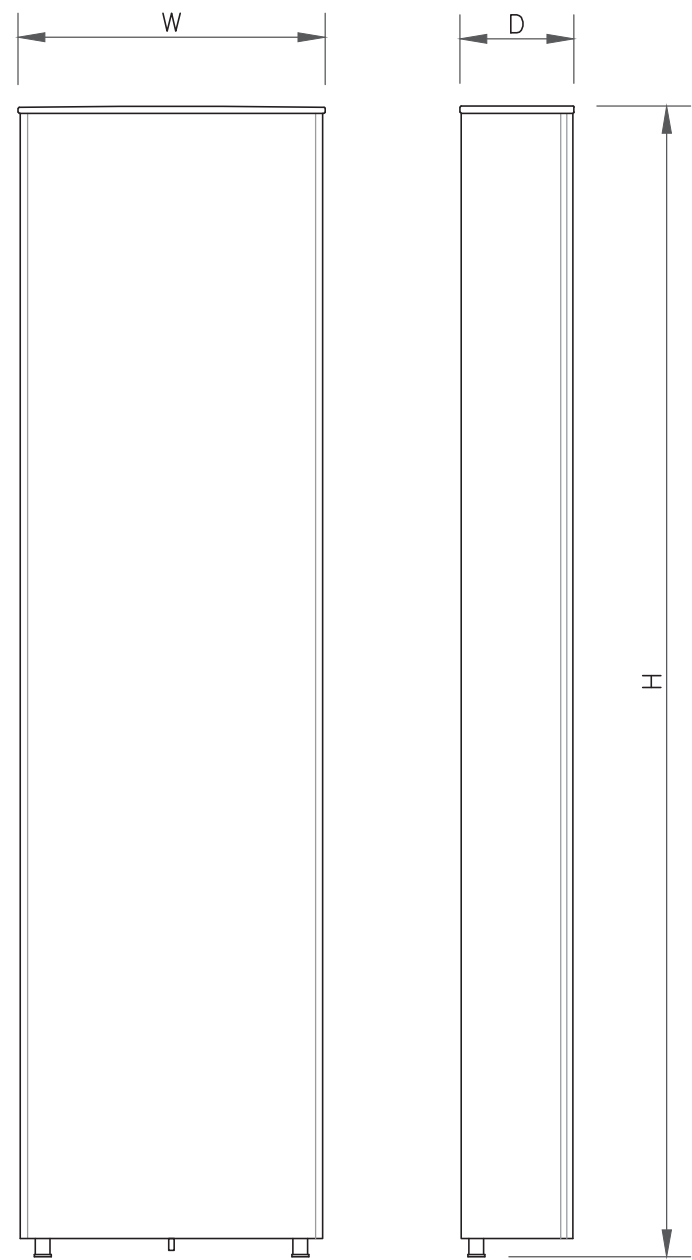
ISSUED FOR:				
REV	DATE	DRWN	DESCRIPTION	DES./QA
0	11/15/21	HN	CONSTRUCTION	TDG

B&T ENGINEERING, INC.

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

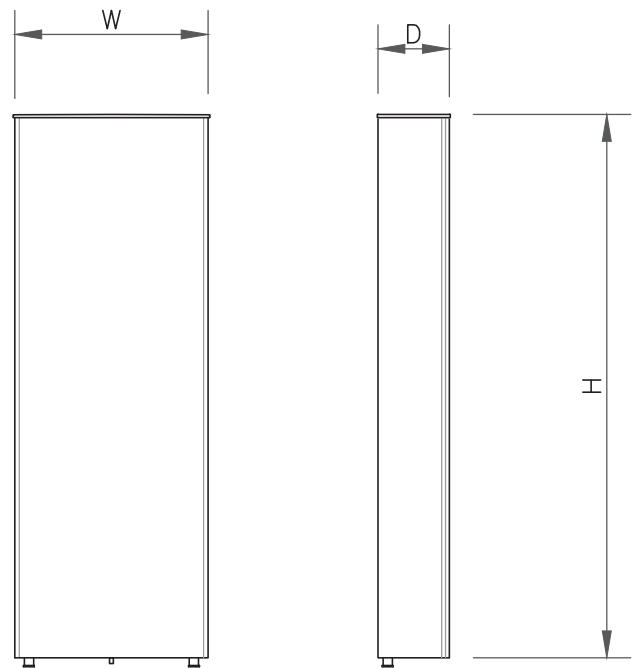
SHEET NUMBER:
C-4

REVISION:
0



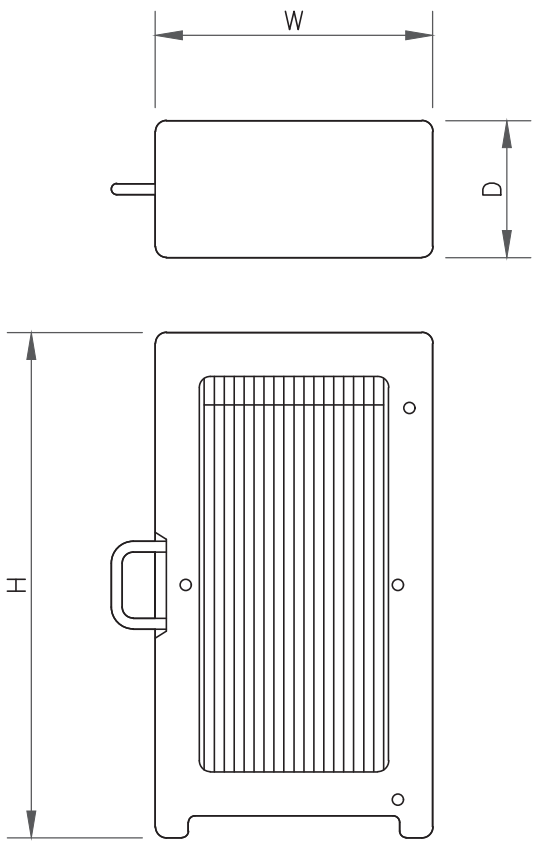
ANTENNA SPECS	
MANUFACTURER	COMMSCOPE
M' #	NHH-65B-R2B
WIDTH	11.90"
DEPTH	7.10"
HEIGHT	72.00"
WEIGHT	43.70 LBS

1 ANTENNA SPECS
SCALE: NOT TO SCALE



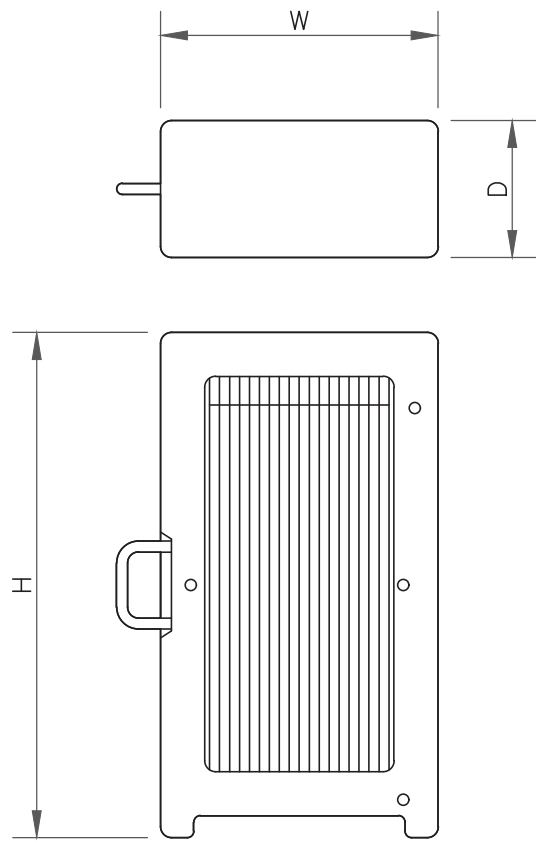
ANTENNA SPECS	
MANUFACTURER	SAMSUNG
MODEL #	MT6407-77A
WIDTH	16.06"
DEPTH	5.51"
HEIGHT	35.06"
WEIGHT	81.57 LBS

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	16.50"
DEPTH	12.60"
HEIGHT	29.50"
WEIGHT	32.0 LBS

5 OVP SPECS
SCALE: NOT TO SCALE

6 NOT USED
SCALE: NOT TO SCALE

180 WASHINGTON VALLEY ROAD
BEDMINSTER, NJ 07921

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

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

VERIZON SITE NUMBER:
468141

BU #: **876390**
HAMPTON / BERNIER

116 GRANT HILL RD.
BROOKLYN, CT 06234

EXISTING 150'-0" MONOPOLE

ISSUED FOR:				
REV	DATE	DRWN	DESCRIPTION	DES./QA
0	11/15/21	HN	CONSTRUCTION	TDG

B&T ENGINEERING, INC.

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

SHEET NUMBER:
C-5

REVISION:
0

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:
468141

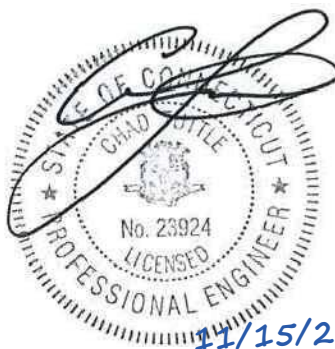
BU #: 876390
HAMPTON / BERNIER

116 GRANT HILL RD.
BROOKLYN, CT 06234

EXISTING 150'-0" MONOPOLE

ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	DES./QA
0	11/15/21	HN	CONSTRUCTION	TDG



B&T ENGINEERING, INC.

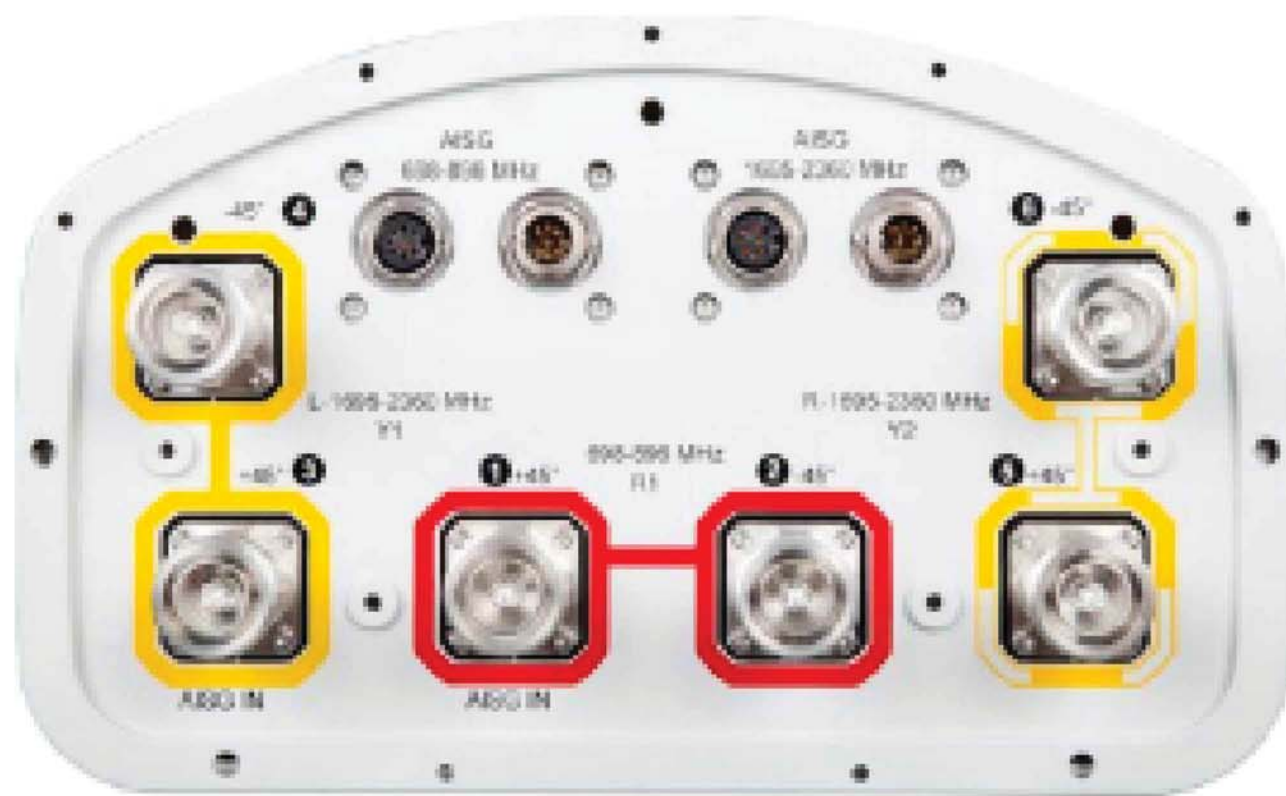
IT IS A VIOLATION OF LAW FOR ANY PERSON,
UNLESS THEY ARE ACTING UNDER THE DIRECTION
OF A LICENSED PROFESSIONAL ENGINEER,
TO ALTER THIS DOCUMENT.

SHEET NUMBER:

C-6

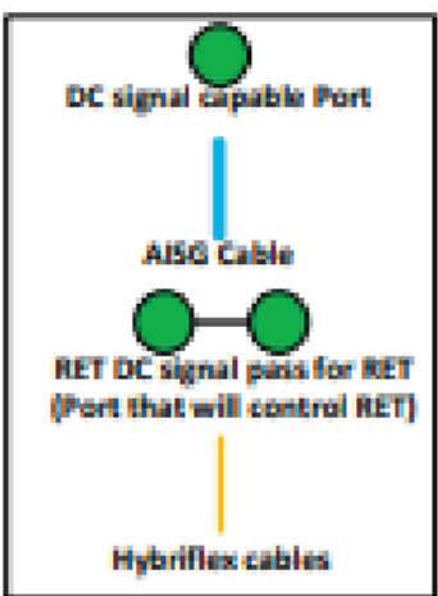
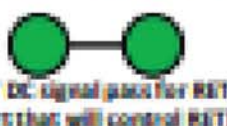
REVISION:

0



BSAMNT-SBS-1-2

- 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.



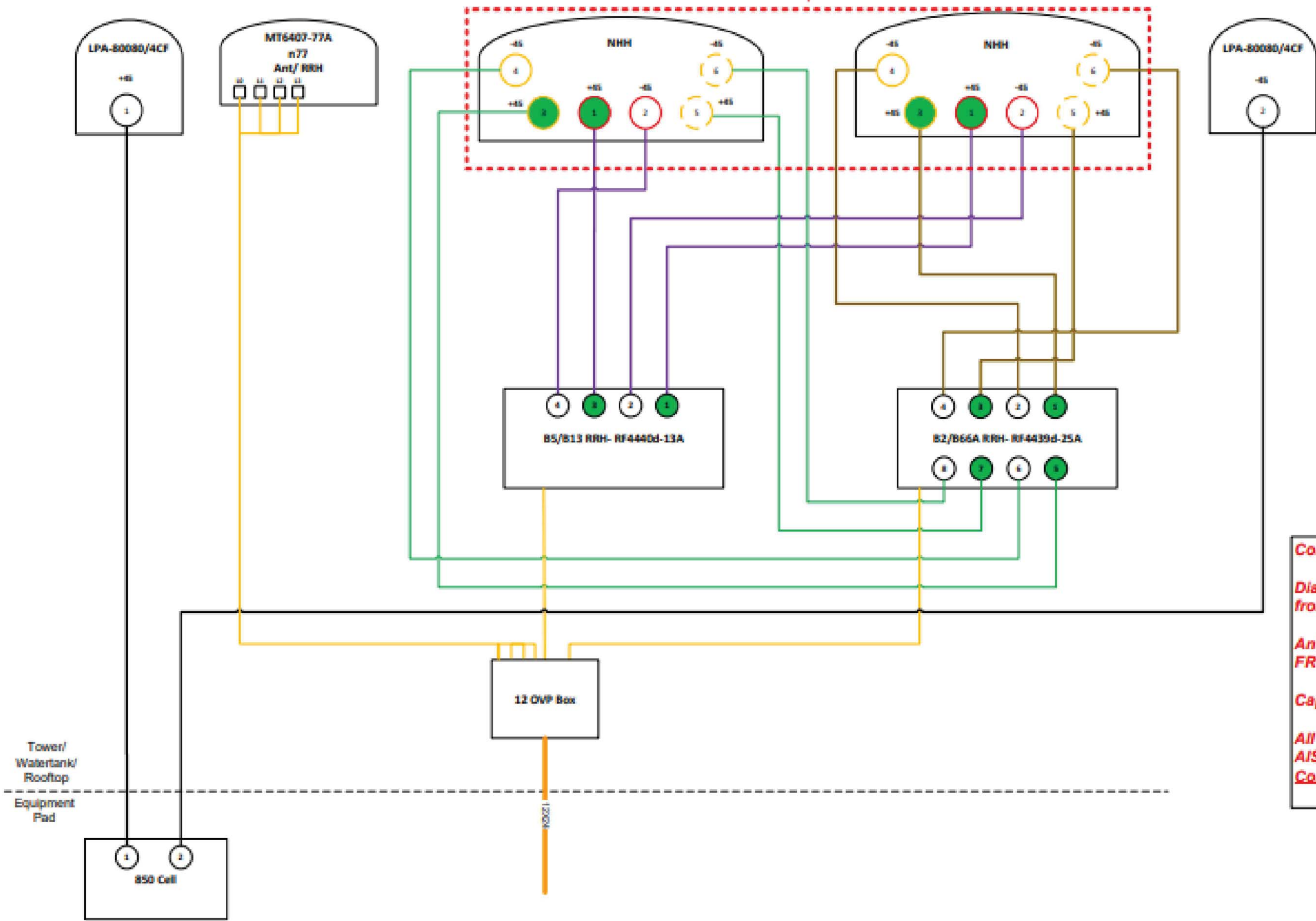
Comments:

Diagram shows antenna port configuration as viewed from below antennas.

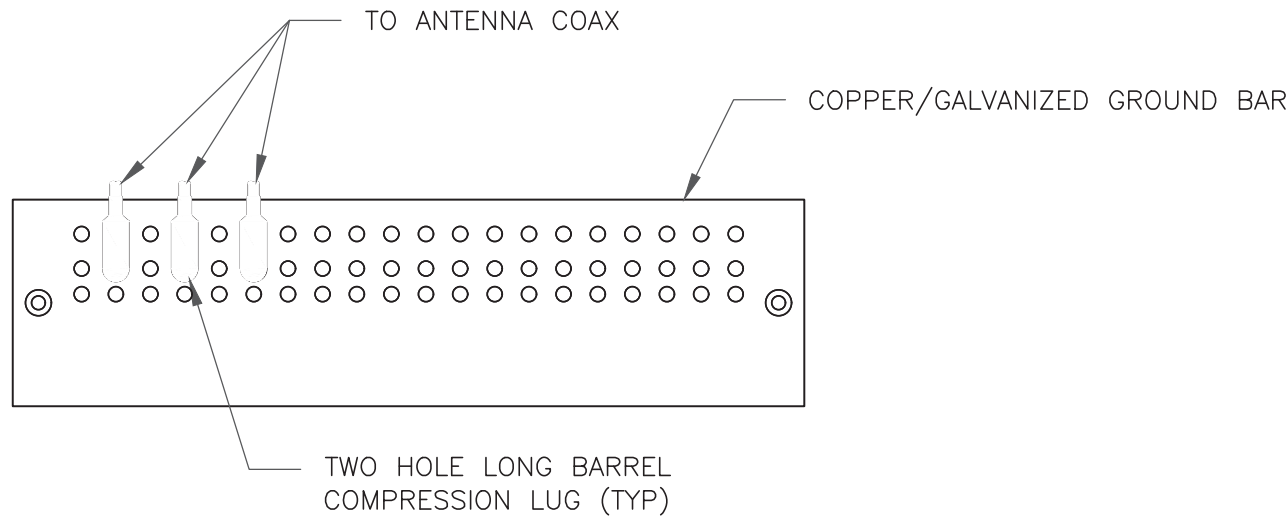
Antenna positions are indicated as viewed from IN FRONT of antennas.

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)



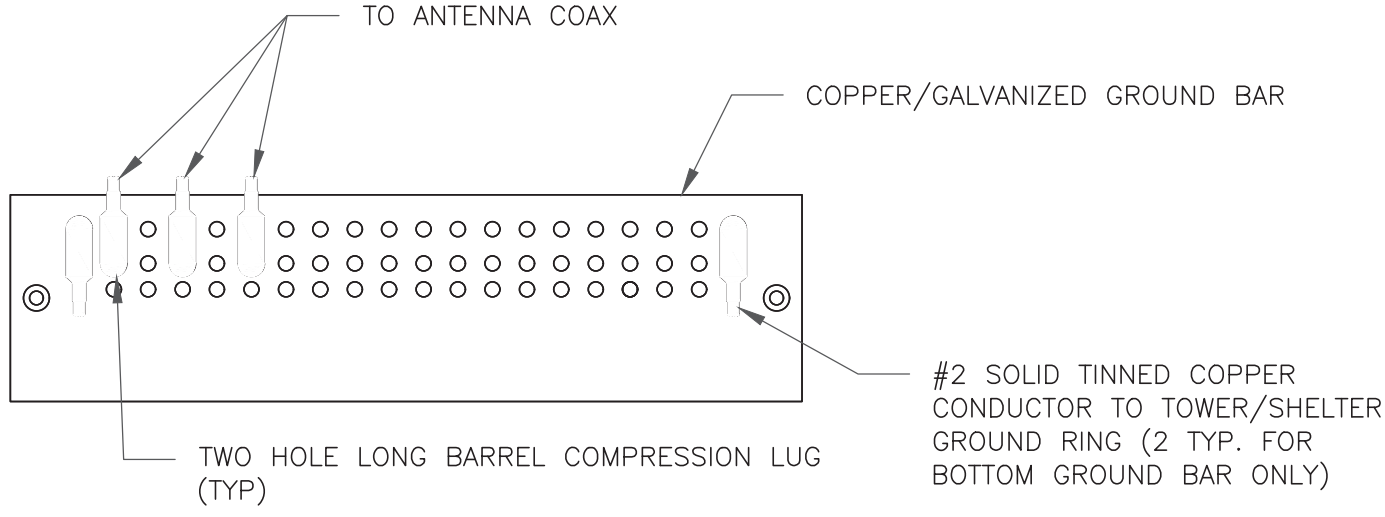
1 PLUMBING DIAGRAM
SCALE: NOT TO SCALE



NOTES:

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

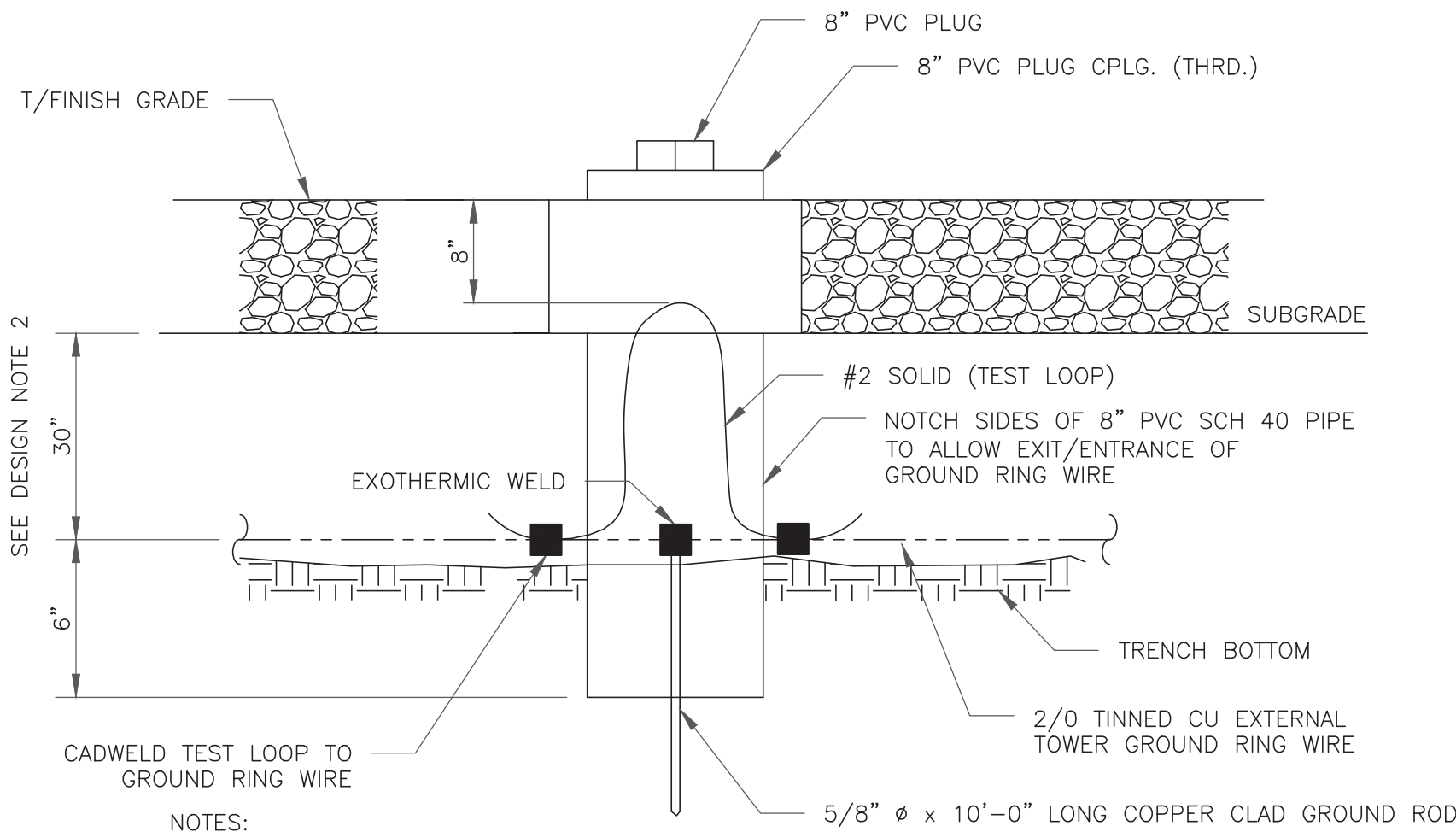
1 ANTENNA SECTOR GROUND BAR DETAIL
SCALE: NOT TO SCALE



NOTES:

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

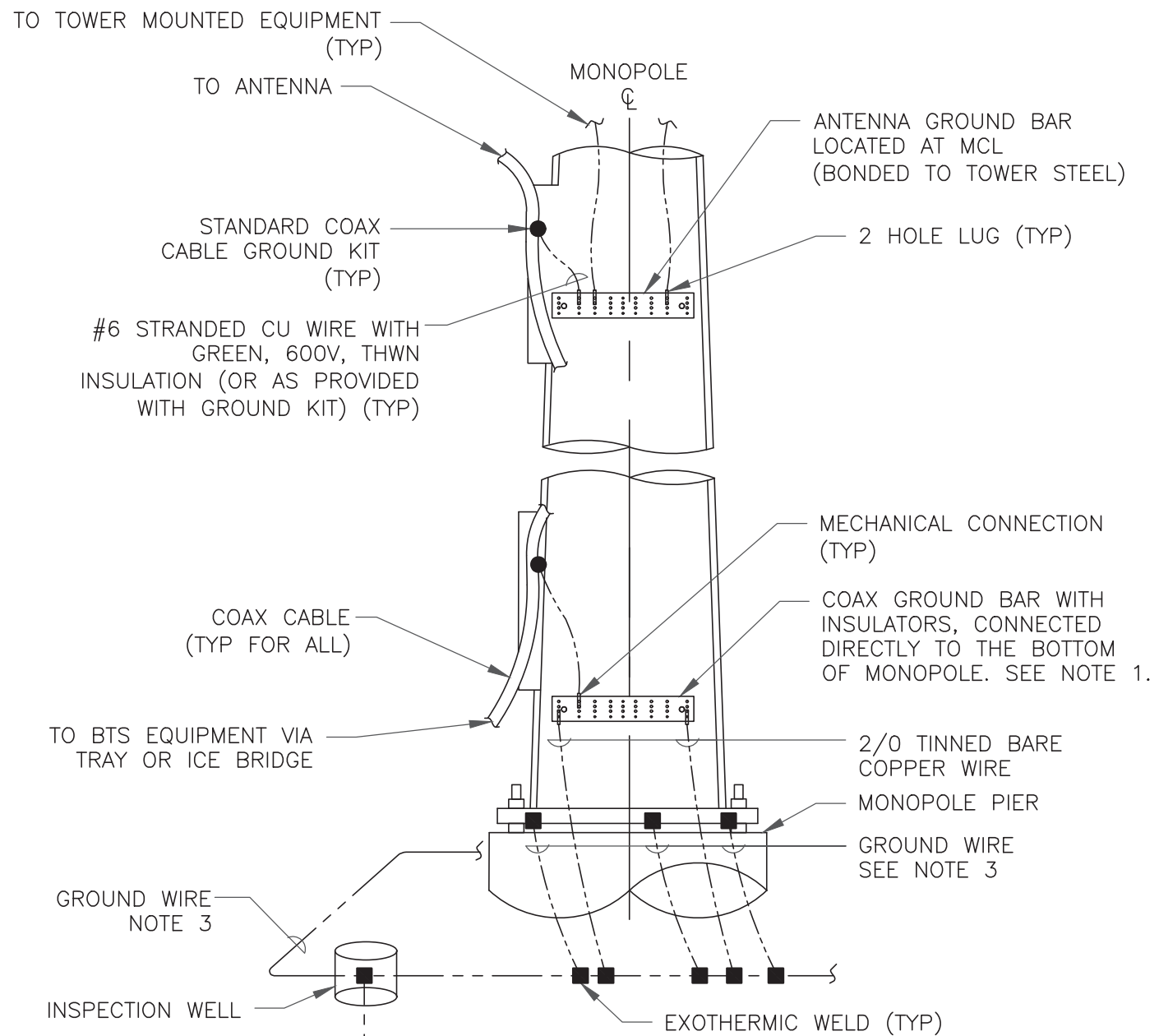
2 TOWER/SHELTER GROUND BAR DETAIL
SCALE: NOT TO SCALE



NOTES:

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

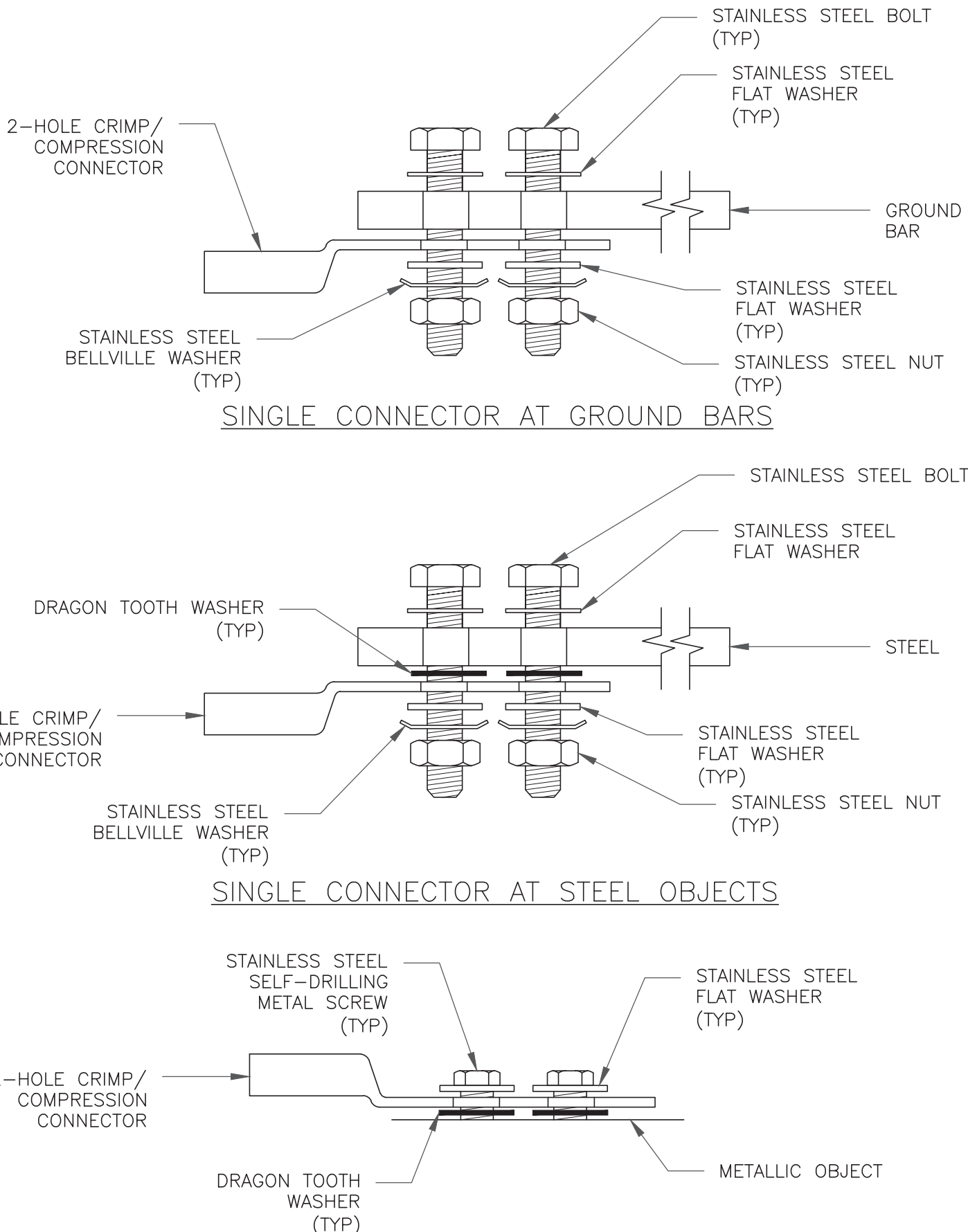
3 INSPECTION WELL DETAIL
SCALE: NOT TO SCALE



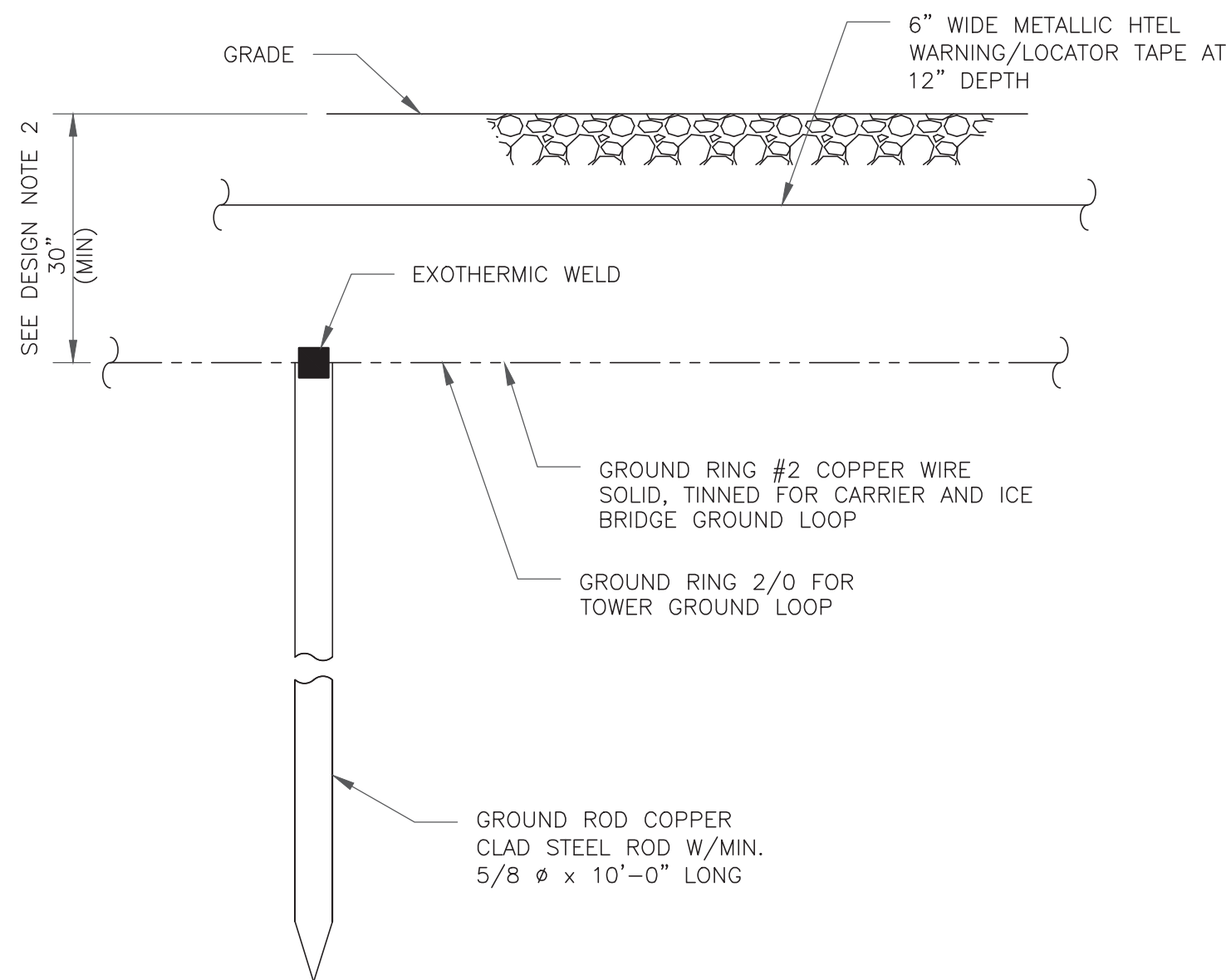
NOTES:

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

4 TYPICAL ANTENNA CABLE GROUNDING
SCALE: NOT TO SCALE



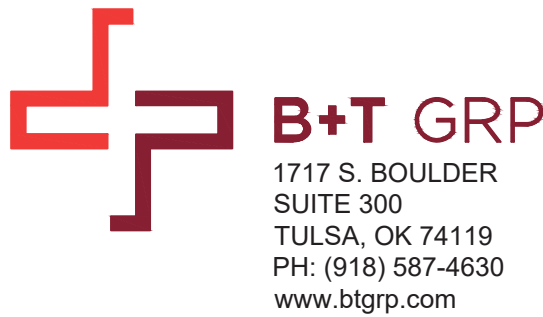
5 HARDWARE DETAIL FOR EXTERIOR CONNECTIONS
SCALE: NOT TO SCALE



NOTES:

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

6 GROUND ROD DETAIL
SCALE: NOT TO SCALE



VERIZON SITE NUMBER:
468141

BU #: 876390
HAMPTON / BERNIER

116 GRANT HILL RD.
BROOKLYN, CT 06234

EXISTING 150'-0" MONOPOLE

ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	DES./QA
0	11/15/21	HN	CONSTRUCTION	TDG



B&T ENGINEERING, INC.

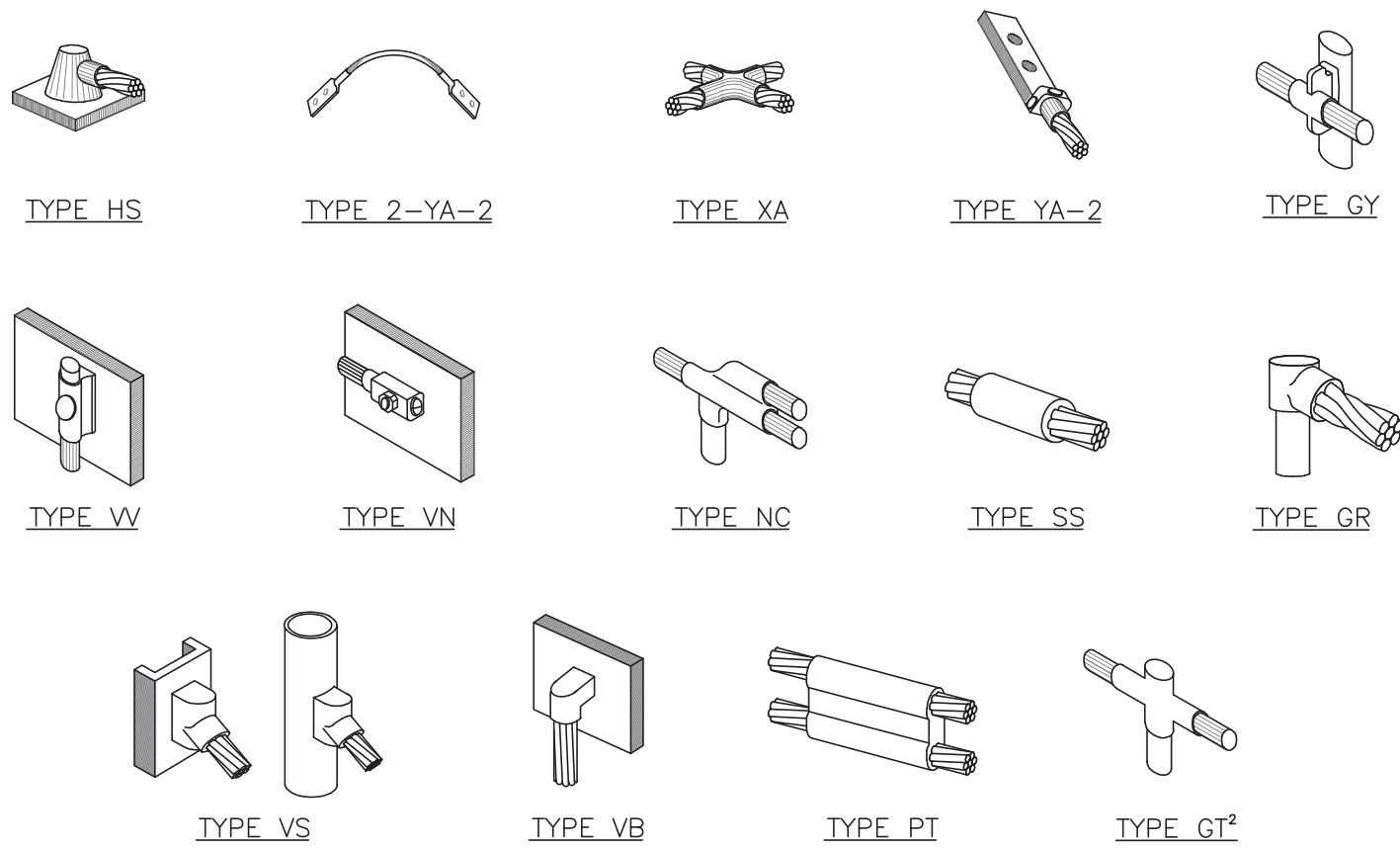
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT.

SHEET NUMBER:

G-1

REVISION:

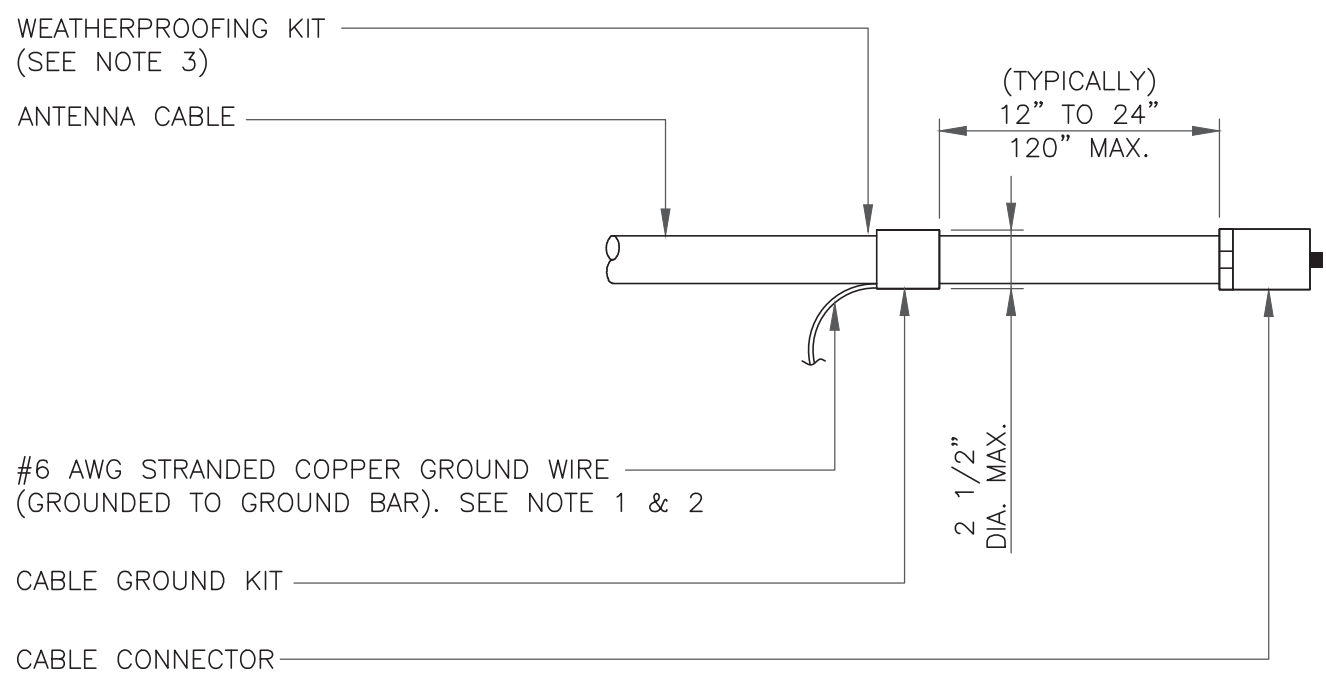
0



NOTE:

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

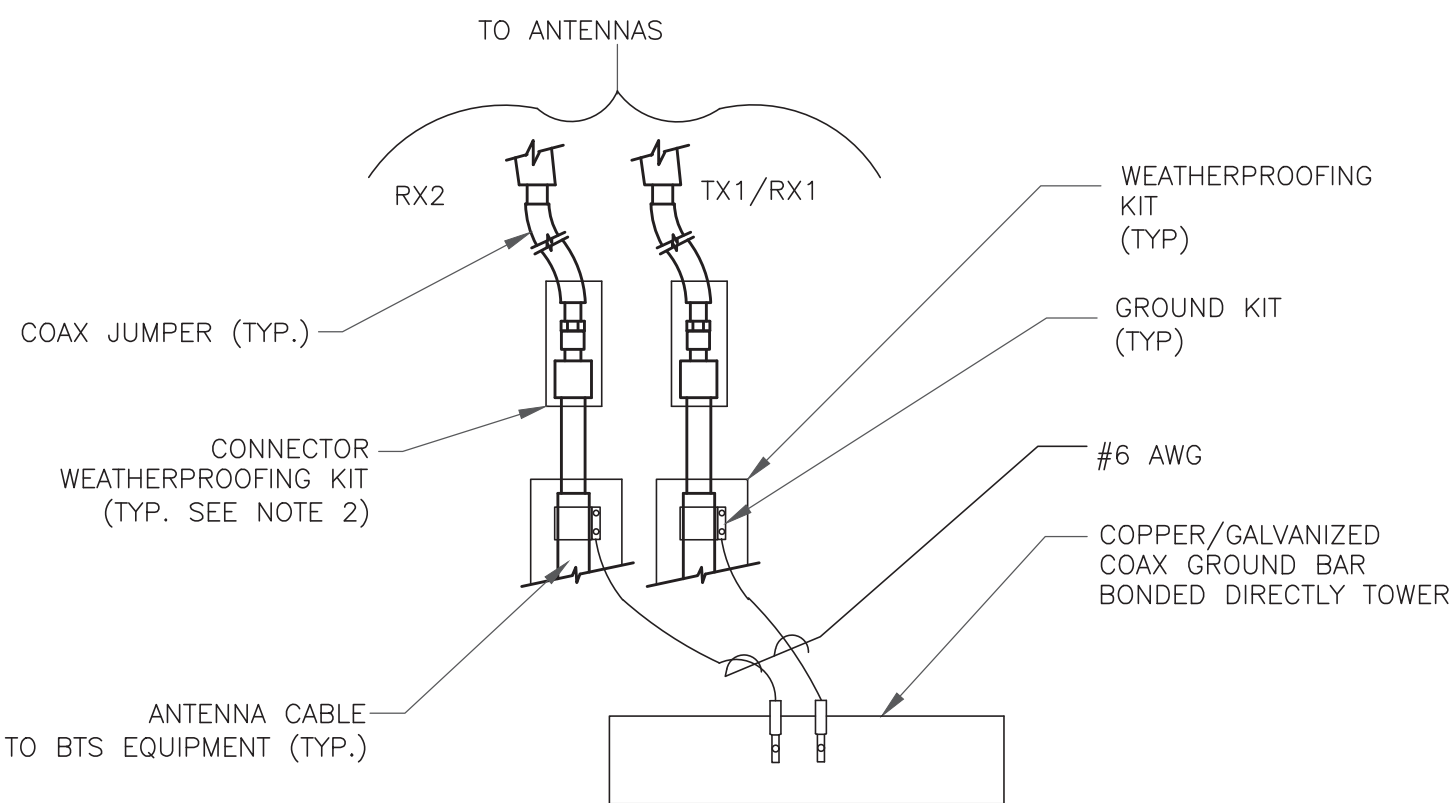
1 CADWELD GROUNDING CONNECTIONS
SCALE: NOT TO SCALE



NOTES:

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

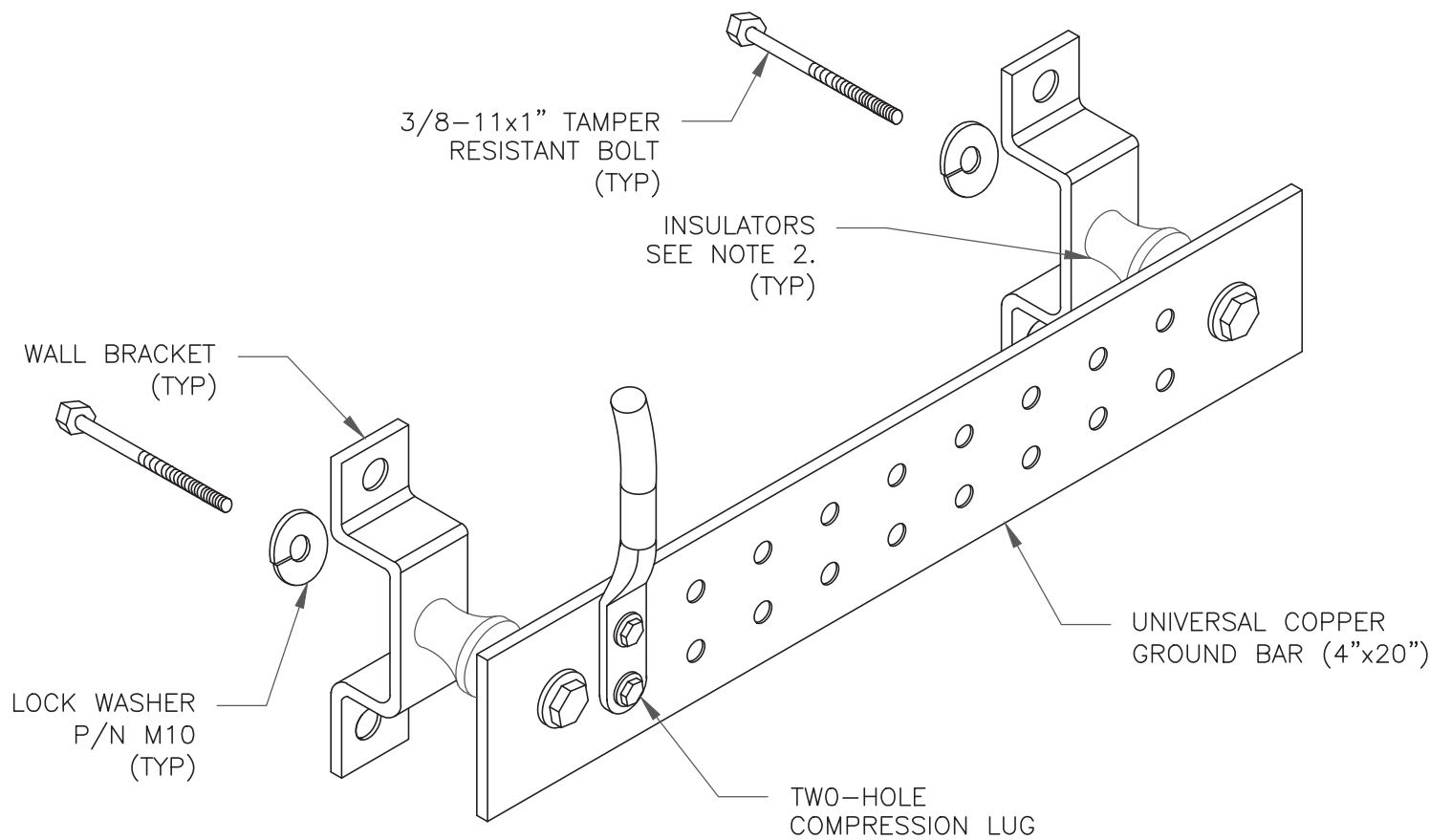
3 CABLE GROUND KIT CONNECTION
SCALE: NOT TO SCALE



NOTES:

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

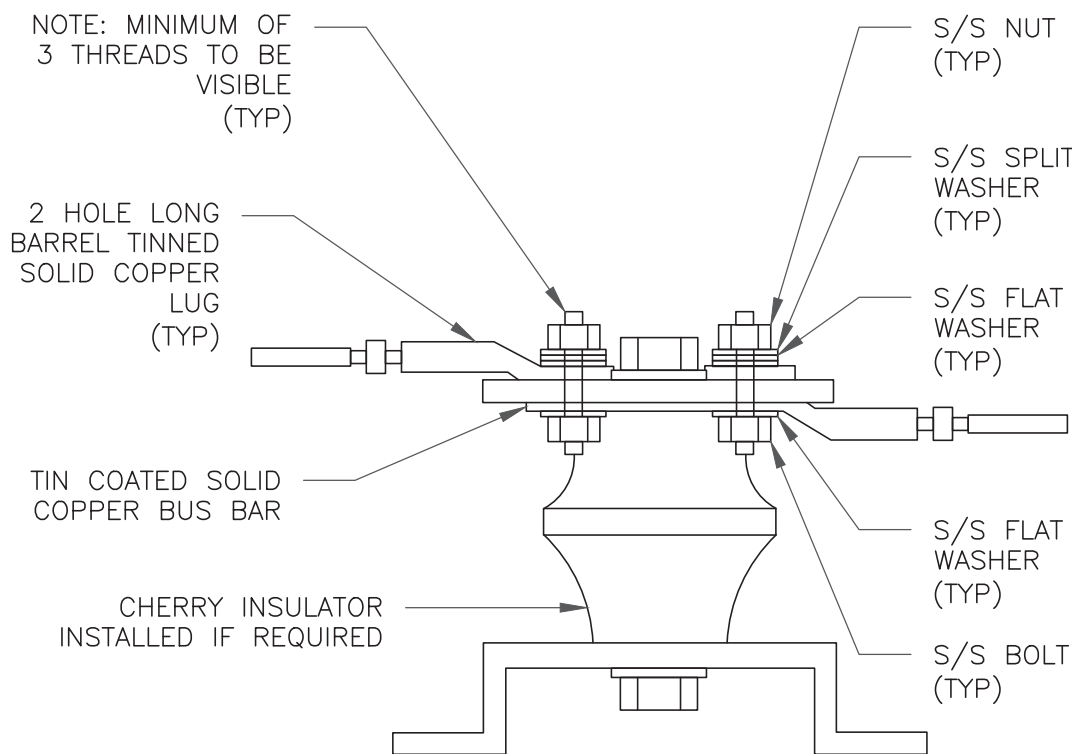
4 GROUND CABLE CONNECTION
SCALE: NOT TO SCALE



NOTES:

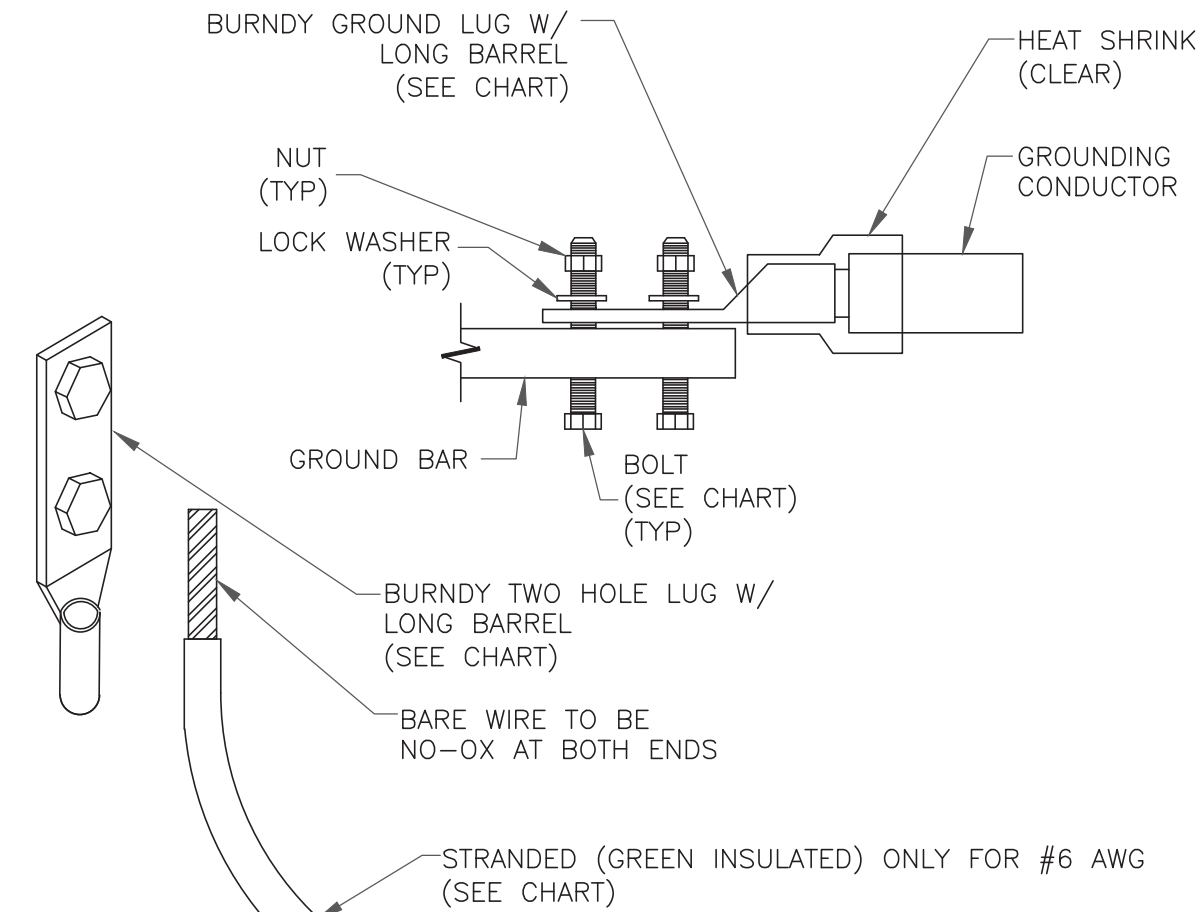
1. DOWN LEAD (HOME RUN) CONDUCTORS ARE NOT TO BE INSTALLED ON CROWN CASTLE USA INC. TOWER, PER THE GROUNDING DOWN CONDUCTOR POLICY QAS-STD-10091. NO MODIFICATION OR DRILLING TO TOWER STEEL IS ALLOWED IN ANY FORM OR FASHION, CAD-WELDING ON THE TOWER AND/OR IN THE AIR ARE NOT PERMITTED.
2. OMIT INSULATOR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

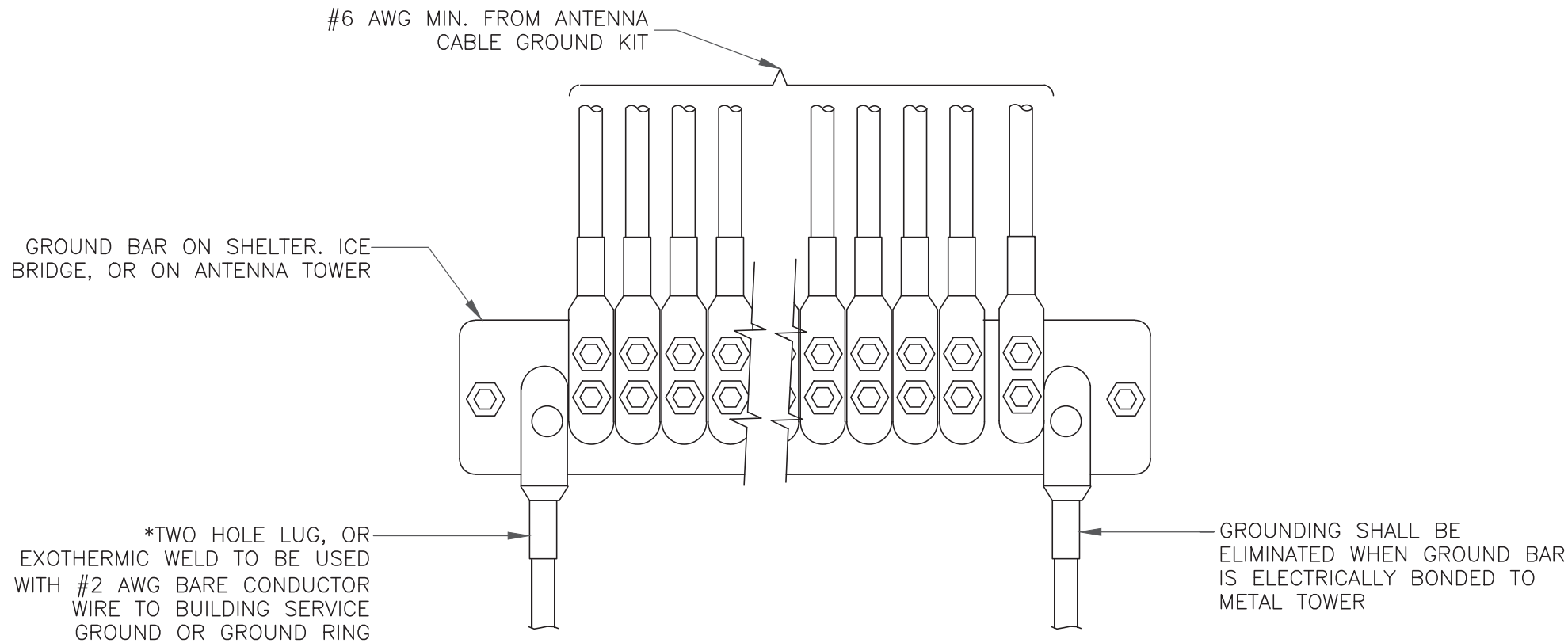
WIRE SIZE	BURNDY LUG	BOLT SIZE
#6 AWG GREEN INSULATED	YA6C-2TC38	3/8" - 16 NC S 2 BOLT
#2 AWG SOLID TINNED	YA3C-2TC38	3/8" - 16 NC S 2 BOLT
#2 AWG STRANDED	YA2C-2TC38	3/8" - 16 NC S 2 BOLT
#2/0 AWG STRANDED	YA26-2TC38	3/8" - 16 NC S 2 BOLT
#4/0 AWG STRANDED	YA28-2N	1/2" - 16 NC S 2 BOLT



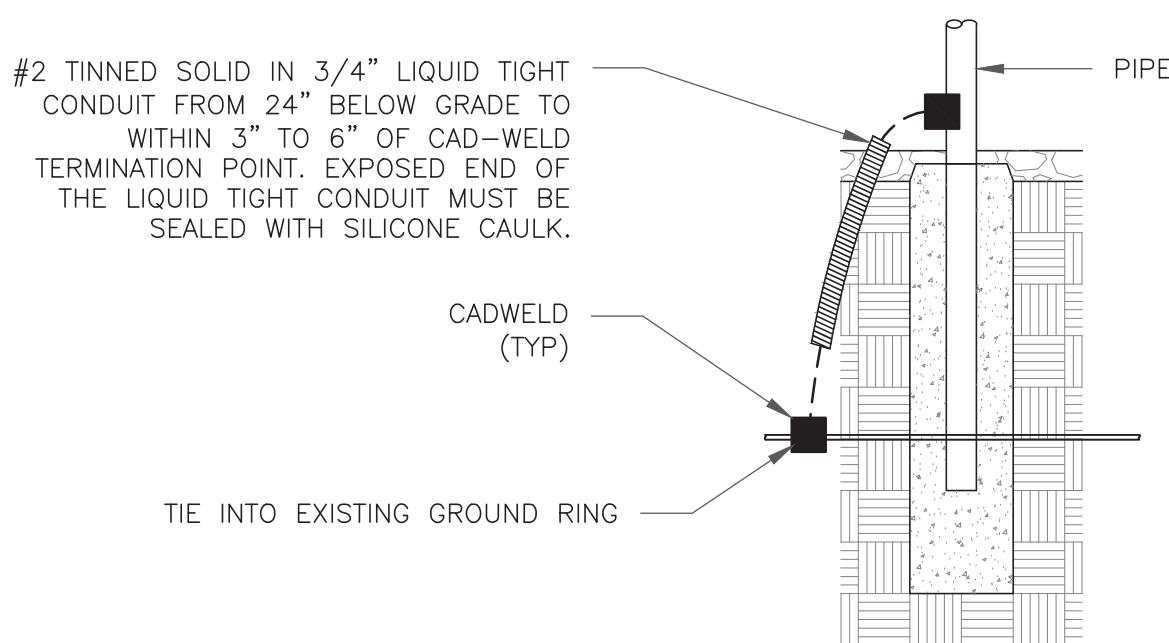
NOTES:

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

2 MECHANICAL LUG CONNECTION
SCALE: NOT TO SCALE



5 GROUNDWIRE INSTALLATION
SCALE: NOT TO SCALE



8 TRANSITIONING GROUND DETAIL
SCALE: NOT TO SCALE

verizon
180 WASHINGTON VALLEY ROAD
BEDMINSTER, NJ 07921

CROWN CASTLE
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:
468141

BU #: 876390
HAMPTON / BERNIER

116 GRANT HILL RD.
BROOKLYN, CT 06234

EXISTING 150'-0" MONOPOLE

ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	DES./QA
0	11/15/21	HN	CONSTRUCTION	TDG



B&T ENGINEERING, INC.

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

SHEET NUMBER:

G-2

REVISION:

0

Exhibit D

Structural Analysis Report

Date: **August 16, 2021**



Morrison Hershfield
1455 Lincoln Parkway, Suite 500
Atlanta, GA 30346
(770) 379-8500

Subject: **Structural Analysis Report**

Carrier Designation: **Verizon Wireless Co-Locate**
Site Number: 468141
Site Name: Brooklyn West CT

Crown Castle Designation: **BU Number:** 876390
Site Name: Hampton / Bernier
JDE Job Number: 683825
Work Order Number: 2010298
Order Number: 583560 Rev. 0

Engineering Firm Designation: **Morrison Hershfield Project Number:** CN9-365 / 2101398

Site Data: **116 Grant Hill Rd., Brooklyn, Windham County, CT 06234**
Latitude 41° 47' 29.64", Longitude -72° 0' 54.04"
150 Foot – EEI Monopole Tower

Morrison Hershfield 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

This analysis utilizes an ultimate 3-second gust wind speed of 130 mph as required by the 2015 International Building Code. Applicable Standard references and design criteria are listed in Section 2 - Analysis Criteria.

Respectfully submitted by:

G. Lance Cooke, P.E. (CT License No. PEN.0028133)
Senior Engineer



Digitally signed by
G. Lance Cooke
Date: 2021.08.16
11:17:38-07'00'

TABLE OF CONTENTS

1) INTRODUCTION

2) ANALYSIS CRITERIA

Table 1 - Proposed Equipment Configuration

Table 2 - Other Considered Equipment

3) ANALYSIS PROCEDURE

Table 3 - Documents Provided

3.1) Analysis Method

3.2) Assumptions

4) ANALYSIS RESULTS

Table 4 - Section Capacity (Summary)

Table 5 – Tower Component Stresses vs. Capacity – LC7

4.1) Recommendations

5) APPENDIX A

tnxTower Output

6) APPENDIX B

Base Level Drawing

7) APPENDIX C

Additional Calculations

1) INTRODUCTION

This tower is a 150 ft Monopole tower designed by Engineered Endeavors, Inc. The tower has been modified per reinforcement drawings prepared by Tower Engineering Professionals, in May of 2008. Reinforcement consists of adding base plate stiffeners.

2) ANALYSIS CRITERIA

TIA-222 Revision:	TIA-222-H
Risk Category:	II
Wind Speed:	130 mph
Exposure Category:	B
Topographic Factor:	1.512
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)
117.0	119.0	6	antel	LPA-80080/4CF w/ Mount Pipe	17	1-5/8
		6	commscope	NHH-65B-R2B w/ Mount Pipe		
		3	samsung telecommunications	MT6407-77A w/ Mount Pipe		
		1	raycap	RVZDC-6627-PF-48_CCIV2		
		3	samsung telecommunications	RF4439D-25A		
		3	samsung telecommunications	RF4440D-13A		
	117.0	1	-	Platform Mount [LP 303-1]		

Table 2 - Other Considered Equipment

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)
149.0	151.0	3	commscope	NNVV-65B-R4 w/ Mount Pipe	4	1-1/4
		3	rfs celwave	APXVTM14-ALU-I20 w/ Mount Pipe		
		3	alcatel lucent	PCS 1900MHz 4x45W-65MHz		
		6	alcatel lucent	RRH2X50-800		
		3	alcatel lucent	TD-RRH8x20-25		
	149.0	1	-	Platform Mount [LP 303-1_HR-1]		
		1	-	Platform Mount [LP 712-1]		
137.0	138.0	3	rfs celwave	APX16DWV-16DWV-S-E-A20 w/ Mount Pipe	7	1-5/8
		3	rfs celwave	APXVAARR24_43-U-NA20 w/ Mount Pipe		
		3	ericsson	RADIO 4449 B12/B71		

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)
	137.0	3	ericsson	KRY 112 489/2		
		1	Site Pro 1	Handrail kit [#HRK14]		
		1	Site Pro 1	Kicker Kits [# PRK-SFS-L]		
		1	-	Platform Mount [LP 1201-1_HR-1]		
		1	-	Side Arm Mount [SO 102-3]		
129.0	129.0	3	ericsson	TME-RRUS-11	-	-
	127.0	1	-	Side Arm Mount [SO 104-3]		
127.0	129.0	3	kmw commu.	AM-X-CD-17-65-00T-RET w/ Mount Pipe	12 3	1-1/4 3/8
		6	powerwave tech.	7770.00 w/ Mount Pipe		
	127.0	6	powerwave tech.	LGP 17201		
		6	powerwave tech.	LGP13519		
		1	raycap	DC6-48-60-18-8F		
		1	-	Side Arm Mount [SO 102-3]		
		1	-	T-Arm Mount [TA 601-3]		
76.0	77.0	1	lucent	KS24019-L112A	1	1/2
	76.0	1	-	Side Arm Mount [SO 701-1]		

3) ANALYSIS PROCEDURE

Table 3 - Documents Provided

Document	Reference	Source
4-GEOTECHNICAL REPORTS	1615347	CCISITES
4-TOWER FOUNDATION DRAWINGS/DESIGN/SPECS	1615410	CCISITES
4-TOWER MANUFACTURER DRAWINGS	1533003	CCISITES
4-TOWER REINFORCEMENT DESIGN/DRAWINGS/DATA	2255030	CCISITES
4-POST-MODIFICATION INSPECTION	2383064	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. Morrison Hershfield should be notified to determine the effect on the structural integrity of the tower.

4) ANALYSIS RESULTS

Table 4 - Section Capacity (Summary)

Section No.	Elevation (ft)	Component Type	Size	Critical Element	P (K)	SF*P_allow (K)	% Capacity	Pass / Fail
L1	150 - 123.29	Pole	TP22.9x17x0.1875	1	-11.75	802.65	58.1	Pass
L2	123.29 - 88.88	Pole	TP30x21.7696x0.3125	2	-19.85	1752.41	81.0	Pass
L3	88.88 - 43.8	Pole	TP39.2x28.4504x0.375	3	-30.99	2752.19	88.0	Pass
L4	43.8 - 0	Pole	TP48x37.2689x0.4375	4	-47.89	4056.91	82.6	Pass
							Summary	
						Pole (L3)	88.0	Pass
						Rating =	88.0	Pass

Table 5 - Tower Component Stresses vs. Capacity – LC7

Notes	Component	Elevation (ft)	% Capacity	Pass / Fail
1	Anchor Rods	0	80.0	Pass
1	Base Plate		73.8	Pass
1	Base Foundation (Structure)	0	93.8	Pass
1	Base Foundation (Soil Interaction)		78.1	Pass

Structure Rating (max from all components) =	93.8%*
---	---------------

Notes:

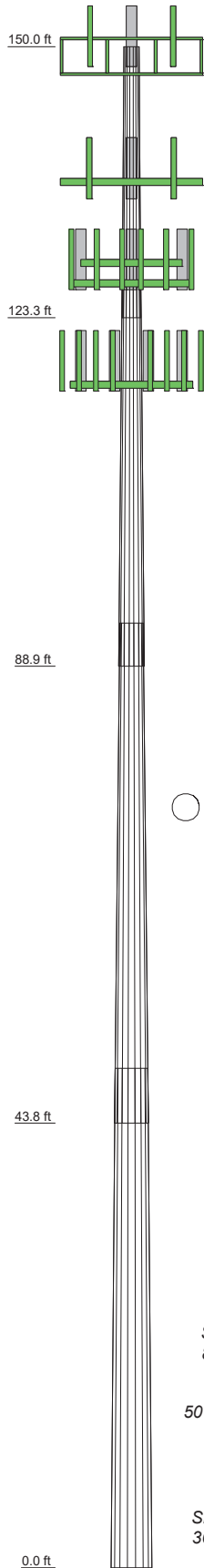
- 1) See additional documentation in "Appendix C – Additional Calculations" for calculations supporting the % capacity consumed.
- 2) *Rating per TIA-222-H, Section 15.5.

4.1) Recommendations

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

APPENDIX A
TNXTOWER OUTPUT

Section	1	2	3	4	
Length (ft)	26.71	37.83	49.33	49.22	
Number of Sides	18	18	18	18	
Thickness (in)	0.1875	0.3125	0.3750	0.4375	
Socket Length (ft)	3.42	4.25	5.42	37.2689	
Top Dia (in)	17.0000	21.7686	28.4504	37.2689	
Bot Dia (in)	22.9000	30.0000	39.2000	48.0000	
Grade	A572-65				
Weight (K)	1.1	3.3	6.7	9.8	20.8



MATERIAL STRENGTH

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

TOWER DESIGN NOTES

1. Tower is located in Windham County, Connecticut.
2. Tower designed for Exposure B to the TIA-222-H Standard.
3. Tower designed for a 130 mph basic wind in accordance with the TIA-222-H Standard.
4. Tower is also designed for a 50 mph basic wind with 1.50 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 5 with Crest Height of 110.00 ft
8. TOWER RATING: 88%



Consulting Engineers

Morrison Hershfield

1455 Lincoln Parkway, Suite 500

Atlanta, GA 30346

Phone: (770) 379-8500

FAX: (770) 379-8501

Job: **CN9-365 / 2101398**

Project: **876390 / Hampton / Bernier**

Client: **Crown Castle USA**

Drawn by: **KV**

App'd:

Code: **TIA-222-H**

Date: **08/16/21**

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 Windham County, Connecticut.

Tower base elevation above sea level: 715.00 ft.

Basic wind speed of 130 mph.

Risk Category II.

Exposure Category B.

Crest Height: 110.00 ft.

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

Topographic Feature: Continuous Ridge.

Slope Distance L: 920.00 ft.

Distance from Crest x: 0.00 ft.

Horizontal Distance Downwind: No.

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	150.00-123.29	26.71	3.42	18	17.0000	22.9000	0.1875	0.7500	A572-65 (65 ksi)
L2	123.29-88.88	37.83	4.25	18	21.7696	30.0000	0.3125	1.2500	A572-65 (65 ksi)
L3	88.88-43.80	49.33	5.42	18	28.4504	39.2000	0.3750	1.5000	A572-65 (65 ksi)
L4	43.80-0.00	49.22		18	37.2689	48.0000	0.4375	1.7500	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	17.2333	10.0055	357.3078	5.9684	8.6360	41.3742	715.0858	5.0037	2.6620	14.197
	23.2243	13.5168	880.9281	8.0629	11.6332	75.7253	1763.0154	6.7597	3.7004	19.735
L2	22.8127	21.2827	1237.9543	7.6173	11.0589	111.9416	2477.5376	10.6434	3.2814	10.501
	30.4146	29.4463	3278.8026	10.5391	15.2400	215.1445	6561.9196	14.7259	4.7300	15.136
L3	29.7718	33.4167	3327.7548	9.9668	14.4528	230.2502	6659.8883	16.7115	4.3473	11.593
	39.7469	46.2115	8800.5544	13.7829	19.9136	441.9369	17612.6889	23.1101	6.2392	16.638
L4	38.9763	51.1450	8765.5170	13.0752	18.9326	462.9852	17542.5679	25.5774	5.7893	13.233
	48.6730	66.0465	18876.2818	16.8847	24.3840	774.1257	37777.4015	33.0295	7.6780	17.55

Tower Elevation ft	Gusset Area (per face) ft ²	Gusset Thickness in	Gusset Grade	Adjust. Factor A _r	Adjust. Factor A _r	Weight Mult.	Double Angle Stitch Bolt Spacing Diagonals in	Double Angle Stitch Bolt Spacing Horizontal in	Double Angle Stitch Bolt Spacing Redundants in
L1 150.00- 123.29				1	1	1			
L2 123.29- 88.88				1	1	1			
L3 88.88- 43.80				1	1	1			
L4 43.80-0.00				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 r in	Perimeter r in	Weight plf

Safety Line 3/8	C	No	Surface Ar (CaAa)	150.00 - 0.00	1	1	0.000 0.000	0.3750		0.22
Step Pegs	C	No	Surface Ar (CaAa)	150.00 - 0.00	1	1	-0.100 0.100	0.0000		7.90

LDF7-50A(1-5/8)	A	No	Surface Ar (CaAa)	137.00 - 0.00	3	3	-0.480 -0.380	1.9800		0.82

LDF7-50A(1-5/8)	B	No	Surface Ar (CaAa)	117.00 - 0.00	17	9	-0.500 -0.200	1.9800		0.82
**										

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

Feed Line/Linear Appurtenances - Entered As Area

Description	Face or Leg	Allow Shield	Exclude From Torque Calculation	Component Type	Placement ft	Total Number		C _A A _A ft ² /ft	Weight plf

**									
HB114-1-0813U4-M5J(1-1/4)	C	No	No	Inside Pole	149.00 - 0.00	3	No Ice	0.00	1.20
							1/2" Ice	0.00	1.20
							1" Ice	0.00	1.20
							2" Ice	0.00	1.20
HB114-13U3M12-XXXF(1-1/4)	C	No	No	Inside Pole	149.00 - 0.00	1	No Ice	0.00	0.99
							1/2" Ice	0.00	0.99
							1" Ice	0.00	0.99
							2" Ice	0.00	0.99
LDF7-50A(1-5/8)	A	No	No	Inside Pole	137.00 - 0.00	3	No Ice	0.00	0.82
							1/2" Ice	0.00	0.82
							1" Ice	0.00	0.82
							2" Ice	0.00	0.82
**									
HCS 6X12 4AWG(1-5/8")	A	No	No	Inside Pole	137.00 - 0.00	1	No Ice	0.00	2.40
							1/2" Ice	0.00	2.40
							1" Ice	0.00	2.40
							2" Ice	0.00	2.40

LDF6-50A(1-1/4)	B	No	No	Inside Pole	127.00 - 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)	B	No	No	Inside Pole	127.00 - 0.00	3	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
2" Flexible Conduit	B	No	No	Inside Pole	127.00 - 0.00	1	No Ice	0.00	0.34
							1/2" Ice	0.00	0.34
							1" Ice	0.00	0.34
							2" Ice	0.00	0.34

LDF4-50A(1/2)	A	No	No	Inside Pole	76.00 - 0.00	1	No Ice	0.00	0.15
							1/2" Ice	0.00	0.15
							1" Ice	0.00	0.15
							2" Ice	0.00	0.15

Feed Line/Linear Appurtenances Section Areas

Tower Section	Tower Elevation ft	Face	A _R ft ²	A _F ft ²	C _A A _A In Face ft ²	C _A A _A Out Face ft ²	Weight K
L1	150.00-123.29	A	0.000	0.000	8.144	0.000	0.10
		B	0.000	0.000	0.000	0.000	0.03
		C	0.000	0.000	1.002	0.000	0.33
L2	123.29-88.88	A	0.000	0.000	20.440	0.000	0.25
		B	0.000	0.000	50.110	0.000	0.66

Tower Section	Tower Elevation ft	Face	A_R ft ²	A_F ft ²	$C_A A_A$ In Face ft ²	$C_A A_A$ Out Face ft ²	Weight K
L3	88.88-43.80	C	0.000	0.000	1.290	0.000	0.44
		A	0.000	0.000	26.778	0.000	0.33
		B	0.000	0.000	80.333	0.000	0.98
L4	43.80-0.00	C	0.000	0.000	1.691	0.000	0.57
		A	0.000	0.000	26.017	0.000	0.33
		B	0.000	0.000	78.052	0.000	0.95
		C	0.000	0.000	1.643	0.000	0.56

Feed Line/Linear Appurtenances Section Areas - With Ice

Tower Section	Tower Elevation ft	Face or Leg	Ice Thickness in	A_R ft ²	A_F ft ²	$C_A A_A$ In Face ft ²	$C_A A_A$ Out Face ft ²	Weight K
L1	150.00-123.29	A	1.598	0.000	0.000	15.658	0.000	0.27
		B		0.000	0.000	0.000	0.000	0.03
		C		0.000	0.000	18.077	0.000	0.52
L2	123.29-88.88	A	1.585	0.000	0.000	39.298	0.000	0.68
		B		0.000	0.000	73.873	0.000	1.61
		C		0.000	0.000	23.289	0.000	0.68
L3	88.88-43.80	A	1.554	0.000	0.000	51.337	0.000	0.90
		B		0.000	0.000	118.281	0.000	2.49
		C		0.000	0.000	30.275	0.000	0.88
L4	43.80-0.00	A	1.441	0.000	0.000	49.537	0.000	0.86
		B		0.000	0.000	114.580	0.000	2.39
		C		0.000	0.000	28.867	0.000	0.85

Feed Line Center of Pressure

Section	Elevation ft	CP_x in	CP_z in	CP_x Ice in	CP_z Ice in
L1	150.00-123.29	-2.1055	1.0759	-1.6171	2.3717
L2	123.29-88.88	-0.2278	-4.8053	-0.5840	-2.0516
L3	88.88-43.80	0.1139	-6.1387	-0.3886	-3.0015
L4	43.80-0.00	0.1001	-6.7378	-0.4538	-3.3799

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	2	Safety Line 3/8	123.29 - 150.00	1.0000	1.0000
L1	3	Step Pegs	123.29 - 150.00	1.0000	1.0000
L1	13	LDF7-50A(1-5/8)	123.29 - 137.00	1.0000	1.0000
L2	2	Safety Line 3/8	88.88 - 123.29	1.0000	1.0000
L2	3	Step Pegs	88.88 - 123.29	1.0000	1.0000
L2	13	LDF7-50A(1-5/8)	88.88 - 123.29	1.0000	1.0000

Tower Section	Feed Line Record No.	Description	Feed Line Segment Elev.	K _a No Ice	K _a Ice
L2	21	LDF7-50A(1-5/8)	88.88 - 117.00	1.0000	1.0000
L3	2	Safety Line 3/8	43.80 - 88.88	1.0000	1.0000
L3	3	Step Pegs	43.80 - 88.88	1.0000	1.0000
L3	13	LDF7-50A(1-5/8)	43.80 - 88.88	1.0000	1.0000
L3	21	LDF7-50A(1-5/8)	43.80 - 88.88	1.0000	1.0000
L4	2	Safety Line 3/8	0.00 - 43.80	1.0000	1.0000
L4	3	Step Pegs	0.00 - 43.80	1.0000	1.0000
L4	13	LDF7-50A(1-5/8)	0.00 - 43.80	1.0000	1.0000
L4	21	LDF7-50A(1-5/8)	0.00 - 43.80	1.0000	1.0000

Discrete Tower Loads

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustmen t °	Placement ft		C _A A _A Front ft²	C _A A _A Side ft²	Weight K

6' x 2" Mount Pipe	A	From Leg	4.00	0.0000	149.00	No Ice	1.43	1.43	0.02
			0.00			1/2"	1.92	1.92	0.03
			2.00			Ice	2.29	2.29	0.05
						1" Ice	3.06	3.06	0.09
						2" Ice			
6' x 2" Mount Pipe	B	From Leg	4.00	0.0000	149.00	No Ice	1.43	1.43	0.02
			0.00			1/2"	1.92	1.92	0.03
			2.00			Ice	2.29	2.29	0.05
						1" Ice	3.06	3.06	0.09
						2" Ice			
6' x 2" Mount Pipe	C	From Leg	4.00	0.0000	149.00	No Ice	1.43	1.43	0.02
			0.00			1/2"	1.92	1.92	0.03
			2.00			Ice	2.29	2.29	0.05
						1" Ice	3.06	3.06	0.09
						2" Ice			
Transition Ladder	C	From Leg	2.00	0.0000	149.00	No Ice	6.00	6.00	0.16
			0.00			1/2"	8.00	8.00	0.24
			-2.00			Ice	10.00	10.00	0.32
						1" Ice	14.00	14.00	0.48
						2" Ice			
Platform Mount [LP 303-1_HR-1]	C	None		0.0000	149.00	No Ice	17.09	17.09	1.50
						1/2"	21.47	21.47	1.88
						Ice	25.72	25.72	2.35
						1" Ice	33.96	33.96	3.52
						2" Ice			
Platform Mount [LP 712-1]	C	None		0.0000	149.00	No Ice	24.56	24.56	1.34
						1/2"	27.92	27.92	1.91
						Ice	31.27	31.27	2.55
						1" Ice	37.98	37.98	3.97
						2" Ice			
**									
NNVV-65B-R4 w/ Mount Pipe	A	From Leg	4.00	0.0000	149.00	No Ice	7.55	4.23	0.11
			0.00			1/2"	8.04	4.67	0.20
			2.00			Ice	8.53	5.12	0.30
						1" Ice	9.56	6.05	0.53
						2" Ice			
NNVV-65B-R4 w/ Mount	B	From Leg	4.00	0.0000	149.00	No Ice	7.55	4.23	0.11

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustmen t °	Placement ft		C _A A _A Front ft ²	C _A A _A Side ft ²	Weight K
Pipe			0.00 2.00			1/2" Ice 1" Ice 2" Ice	8.04 8.53 9.56	4.67 5.12 6.05	0.20 0.30 0.53
NNVV-65B-R4 w/ Mount Pipe	C	From Leg	4.00 0.00 2.00	0.0000	149.00	No Ice 1/2" Ice 1" Ice 2" Ice	7.55 8.04 8.53 9.56	4.23 4.67 5.12 6.05	0.11 0.20 0.30 0.53
APXVTM14-ALU-I20 w/ Mount Pipe	A	From Leg	4.00 0.00 2.00	0.0000	149.00	No Ice 1/2" Ice 1" Ice 2" Ice	4.09 4.48 4.88 5.71	2.86 3.23 3.61 4.40	0.08 0.13 0.19 0.33
APXVTM14-ALU-I20 w/ Mount Pipe	B	From Leg	4.00 0.00 2.00	0.0000	149.00	No Ice 1/2" Ice 1" Ice 2" Ice	4.09 4.48 4.88 5.71	2.86 3.23 3.61 4.40	0.08 0.13 0.19 0.33
APXVTM14-ALU-I20 w/ Mount Pipe	C	From Leg	4.00 0.00 2.00	0.0000	149.00	No Ice 1/2" Ice 1" Ice 2" Ice	4.09 4.48 4.88 5.71	2.86 3.23 3.61 4.40	0.08 0.13 0.19 0.33
(2) RRH2X50-800	A	From Leg	4.00 0.00 2.00	0.0000	149.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.70 1.86 2.03 2.40	1.28 1.43 1.58 1.91	0.05 0.07 0.09 0.14
(2) RRH2X50-800	B	From Leg	4.00 0.00 2.00	0.0000	149.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.70 1.86 2.03 2.40	1.28 1.43 1.58 1.91	0.05 0.07 0.09 0.14
(2) RRH2X50-800	C	From Leg	4.00 0.00 2.00	0.0000	149.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.70 1.86 2.03 2.40	1.28 1.43 1.58 1.91	0.05 0.07 0.09 0.14
PCS 1900MHz 4x45W- 65MHz	A	From Leg	4.00 0.00 2.00	0.0000	149.00	No Ice 1/2" Ice 1" Ice 2" Ice	2.32 2.53 2.74 3.19	2.24 2.44 2.65 3.09	0.06 0.08 0.11 0.17
PCS 1900MHz 4x45W- 65MHz	B	From Leg	4.00 0.00 2.00	0.0000	149.00	No Ice 1/2" Ice 1" Ice 2" Ice	2.32 2.53 2.74 3.19	2.24 2.44 2.65 3.09	0.06 0.08 0.11 0.17
PCS 1900MHz 4x45W- 65MHz	C	From Leg	4.00 0.00 2.00	0.0000	149.00	No Ice 1/2" Ice 1" Ice 2" Ice	2.32 2.53 2.74 3.19	2.24 2.44 2.65 3.09	0.06 0.08 0.11 0.17
TD-RRH8x20-25	A	From Leg	4.00 0.00 2.00	0.0000	149.00	No Ice 1/2" Ice 1" Ice 2" Ice	4.05 4.30 4.56 5.10	1.53 1.71 1.90 2.30	0.07 0.10 0.13 0.20
TD-RRH8x20-25	B	From Leg	4.00 0.00 2.00	0.0000	149.00	No Ice 1/2" Ice 1" Ice 2" Ice	4.05 4.30 4.56 5.10	1.53 1.71 1.90 2.30	0.07 0.10 0.13 0.20
TD-RRH8x20-25	C	From Leg	4.00	0.0000	149.00	No Ice	4.05	1.53	0.07

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustmen t °	Placement ft		C _A A _A Front ft ²	C _A A _A Side ft ²	Weight K
			0.00			1/2"	4.30	1.71	0.10
			2.00			Ice	4.56	1.90	0.13
						1" Ice	5.10	2.30	0.20
						2" Ice			

APX16DWV-16DWV-S-E- A20 w/ Mount Pipe	A	From Leg	4.00	0.0000	137.00	No Ice	6.29	2.76	0.06
			0.00			1/2"	6.86	3.27	0.11
			1.00			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 Leg	4.00	0.0000	137.00	No Ice	6.29	2.76	0.06
			0.00			1/2"	6.86	3.27	0.11
			1.00			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 Leg	4.00	0.0000	137.00	No Ice	6.29	2.76	0.06
			0.00			1/2"	6.86	3.27	0.11
			1.00			Ice	7.45	3.79	0.16
						1" Ice	8.68	4.90	0.29
						2" Ice			
APXVAARR24_43-U-NA20 w/ Mount Pipe	A	From Leg	4.00	0.0000	137.00	No Ice	14.69	6.87	0.19
			0.00			1/2"	15.46	7.55	0.31
			1.00			Ice	16.23	8.25	0.46
						1" Ice	17.82	9.67	0.79
						2" Ice			
APXVAARR24_43-U-NA20 w/ Mount Pipe	B	From Leg	4.00	0.0000	137.00	No Ice	14.69	6.87	0.19
			0.00			1/2"	15.46	7.55	0.31
			1.00			Ice	16.23	8.25	0.46
						1" Ice	17.82	9.67	0.79
						2" Ice			
APXVAARR24_43-U-NA20 w/ Mount Pipe	C	From Leg	4.00	0.0000	137.00	No Ice	14.69	6.87	0.19
			0.00			1/2"	15.46	7.55	0.31
			1.00			Ice	16.23	8.25	0.46
						1" Ice	17.82	9.67	0.79
						2" Ice			
KRY 112 489/2	A	From Leg	4.00	0.0000	137.00	No Ice	0.56	0.37	0.02
			0.00			1/2"	0.66	0.45	0.02
			1.00			Ice	0.76	0.54	0.03
						1" Ice	1.00	0.75	0.05
						2" Ice			
KRY 112 489/2	B	From Leg	4.00	0.0000	137.00	No Ice	0.56	0.37	0.02
			0.00			1/2"	0.66	0.45	0.02
			1.00			Ice	0.76	0.54	0.03
						1" Ice	1.00	0.75	0.05
						2" Ice			
KRY 112 489/2	C	From Leg	4.00	0.0000	137.00	No Ice	0.56	0.37	0.02
			0.00			1/2"	0.66	0.45	0.02
			1.00			Ice	0.76	0.54	0.03
						1" Ice	1.00	0.75	0.05
						2" Ice			
RADIO 4449 B12/B71	A	From Leg	4.00	0.0000	137.00	No Ice	1.65	1.16	0.07
			0.00			1/2"	1.81	1.30	0.09
			1.00			Ice	1.98	1.45	0.11
						1" Ice	2.34	1.76	0.16
						2" Ice			
RADIO 4449 B12/B71	B	From Leg	4.00	0.0000	137.00	No Ice	1.65	1.16	0.07
			0.00			1/2"	1.81	1.30	0.09
			1.00			Ice	1.98	1.45	0.11
						1" Ice	2.34	1.76	0.16
						2" Ice			
RADIO 4449 B12/B71	C	From Leg	4.00	0.0000	137.00	No Ice	1.65	1.16	0.07
			0.00			1/2"	1.81	1.30	0.09
			1.00			Ice	1.98	1.45	0.11
						1" Ice	2.34	1.76	0.16
						2" Ice			

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustmen t °	Placement ft		C _A A _A Front ft ²	C _A A _A Side ft ²	Weight K
6' x 2" Mount Pipe	A	From Leg	4.00 0.00 0.00	0.0000	137.00	2" Ice No Ice 1/2" Ice 1" Ice	1.43 1.92 2.29 3.06	1.43 1.92 2.29 3.06	0.02 0.03 0.05 0.09
6' x 2" Mount Pipe	B	From Leg	4.00 0.00 0.00	0.0000	137.00	2" Ice No Ice 1/2" Ice 1" Ice	1.43 1.92 2.29 3.06	1.43 1.92 2.29 3.06	0.02 0.03 0.05 0.09
6' x 2" Mount Pipe	C	From Leg	4.00 0.00 0.00	0.0000	137.00	2" Ice No Ice 1/2" Ice 1" 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
Side Arm Mount [SO 102-3]	C	None		0.0000	137.00	2" Ice No Ice 1/2" Ice 1" Ice	3.60 4.18 4.75 5.90	3.60 4.18 4.75 5.90	0.07 0.11 0.14 0.20
Platform Mount [LP 1201-1_HR-1]	C	None		0.0000	137.00	2" Ice No Ice 1/2" Ice 1" Ice	26.39 31.40 36.20 45.40	26.39 31.40 36.20 45.40	2.36 3.06 3.86 5.76
Kicker Kits [# PRK-SFS-L]	C	None		0.0000	137.00	2" Ice No Ice 1/2" Ice 1" Ice	11.84 16.96 22.08 32.32	11.84 16.96 22.08 32.32	0.64 0.83 0.32 0.36
Handrailkit [#HRK14]	C	None		0.0000	137.00	2" Ice No Ice 1/2" Ice 1" Ice	6.36 8.52 10.62 14.64	6.36 8.52 10.62 14.64	0.30 0.39 0.46 0.77

TME-RRUS-11	A	From Leg	2.00 0.00 -2.00	0.0000	129.00	No Ice 1/2" Ice 1" Ice	2.96 3.23 3.50 4.09	1.67 1.98 2.30 3.02	0.06 0.08 0.12 0.19
TME-RRUS-11	B	From Leg	2.00 0.00 -2.00	0.0000	129.00	2" Ice No Ice 1/2" Ice 1" Ice	4.09 2.96 3.23 3.50 4.09	3.02 1.67 1.98 2.30 3.02	0.19 0.06 0.08 0.12 0.19
TME-RRUS-11	C	From Leg	2.00 0.00 -2.00	0.0000	129.00	2" Ice No Ice 1/2" Ice 1" Ice	4.09 2.96 3.23 3.50 4.09	3.02 1.67 1.98 2.30 3.02	0.19 0.06 0.08 0.12 0.19
4' x 2" Horizontal Leg Mount Pipe	A	From Leg	2.00 0.00 0.00	0.0000	129.00	2" Ice No Ice 1/2" Ice 1" Ice	0.04 0.09 0.13 0.22	0.87 1.11 1.36 1.90	0.01 0.02 0.03 0.06
4' x 2" Horizontal Leg Mount Pipe	B	From Leg	2.00 0.00 0.00	0.0000	129.00	2" Ice No Ice 1/2" Ice 1" Ice	0.04 0.09 0.13 0.22	0.87 1.11 1.36 1.90	0.01 0.02 0.03 0.06
4' x 2" Horizontal Leg Mount Pipe	C	From Leg	2.00 0.00 0.00	0.0000	129.00	2" Ice No Ice 1/2" Ice	0.04 0.09 0.13	0.87 1.11 1.36	0.01 0.02 0.03

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustmen t °	Placement ft		C _A A _A Front ft ²	C _A A _A Side ft ²	Weight K
						1" Ice	0.22	1.90	0.06
						2" Ice			
Side Arm Mount [SO 104-3]	C	None		0.0000	129.00	No Ice	2.62	2.62	0.29
						1/2"	3.30	3.30	0.41
						Ice	3.98	3.98	0.53
						1" Ice	5.35	5.35	0.77
						2" Ice			

(2) 7770.00 w/ Mount Pipe	A	From Leg	3.00 0.00 2.00	0.0000	127.00	No Ice	5.75	4.25	0.06
						1/2"	6.18	5.01	0.10
						Ice	6.61	5.71	0.16
						1" Ice	7.49	7.16	0.29
						2" Ice			
(2) 7770.00 w/ Mount Pipe	B	From Leg	3.00 0.00 2.00	0.0000	127.00	No Ice	5.75	4.25	0.06
						1/2"	6.18	5.01	0.10
						Ice	6.61	5.71	0.16
						1" Ice	7.49	7.16	0.29
						2" Ice			
(2) 7770.00 w/ Mount Pipe	C	From Leg	3.00 0.00 2.00	0.0000	127.00	No Ice	5.75	4.25	0.06
						1/2"	6.18	5.01	0.10
						Ice	6.61	5.71	0.16
						1" Ice	7.49	7.16	0.29
						2" Ice			
AM-X-CD-17-65-00T-RET w/ Mount Pipe	A	From Leg	3.00 0.00 2.00	0.0000	127.00	No Ice	6.09	4.31	0.09
						1/2"	6.66	4.86	0.17
						Ice	7.24	5.42	0.26
						1" Ice	8.43	6.57	0.48
						2" Ice			
AM-X-CD-17-65-00T-RET w/ Mount Pipe	B	From Leg	3.00 0.00 2.00	0.0000	127.00	No Ice	6.09	4.31	0.09
						1/2"	6.66	4.86	0.17
						Ice	7.24	5.42	0.26
						1" Ice	8.43	6.57	0.48
						2" Ice			
AM-X-CD-17-65-00T-RET w/ Mount Pipe	C	From Leg	3.00 0.00 2.00	0.0000	127.00	No Ice	6.09	4.31	0.09
						1/2"	6.66	4.86	0.17
						Ice	7.24	5.42	0.26
						1" Ice	8.43	6.57	0.48
						2" Ice			
(2) LGP 17201	A	From Leg	3.00 0.00 0.00	0.0000	127.00	No Ice	1.67	0.47	0.03
						1/2"	1.83	0.57	0.04
						Ice	2.00	0.68	0.06
						1" Ice	2.36	0.91	0.09
						2" Ice			
(2) LGP 17201	B	From Leg	3.00 0.00 0.00	0.0000	127.00	No Ice	1.67	0.47	0.03
						1/2"	1.83	0.57	0.04
						Ice	2.00	0.68	0.06
						1" Ice	2.36	0.91	0.09
						2" Ice			
(2) LGP 17201	C	From Leg	3.00 0.00 0.00	0.0000	127.00	No Ice	1.67	0.47	0.03
						1/2"	1.83	0.57	0.04
						Ice	2.00	0.68	0.06
						1" Ice	2.36	0.91	0.09
						2" Ice			
(2) LGP13519	A	From Leg	3.00 0.00 0.00	0.0000	127.00	No Ice	0.29	0.18	0.01
						1/2"	0.36	0.24	0.01
						Ice	0.44	0.31	0.01
						1" Ice	0.62	0.47	0.02
						2" Ice			
(2) LGP13519	B	From Leg	3.00 0.00 0.00	0.0000	127.00	No Ice	0.29	0.18	0.01
						1/2"	0.36	0.24	0.01
						Ice	0.44	0.31	0.01
						1" Ice	0.62	0.47	0.02
						2" Ice			
(2) LGP13519	C	From Leg	3.00 0.00	0.0000	127.00	No Ice	0.29	0.18	0.01
						1/2"	0.36	0.24	0.01

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustmen t °	Placement ft		C _A A _A Front ft ²	C _A A _A Side ft ²	Weight K
			0.00			Ice	0.44	0.31	0.01
						1" Ice	0.62	0.47	0.02
						2" Ice			
DC6-48-60-18-8F	B	From Leg	3.00	0.0000	127.00	No Ice	0.92	0.92	0.02
			0.00			1/2"	1.46	1.46	0.04
			0.00			Ice	1.64	1.64	0.06
						1" Ice	2.04	2.04	0.11
						2" Ice			
Side Arm Mount [SO 102-3]	C	None		0.0000	127.00	No Ice	3.60	3.60	0.07
						1/2"	4.18	4.18	0.11
						Ice	4.75	4.75	0.14
						1" Ice	5.90	5.90	0.20
						2" Ice			
T-Arm Mount [TA 601-3]	C	None		0.0000	127.00	No Ice	12.56	12.56	0.73
						1/2"	15.36	15.36	0.94
						Ice	18.04	18.04	1.21
						1" Ice	23.69	23.69	1.92
						2" Ice			

(2) LPA-80080/4CF w/ Mount Pipe	A	From Leg	4.00	0.0000	117.00	No Ice	2.86	6.57	0.03
			0.00			1/2"	3.22	7.19	0.08
			2.00			Ice	3.59	7.84	0.13
						1" Ice	4.34	9.17	0.25
						2" Ice			
(2) LPA-80080/4CF w/ Mount Pipe	B	From Leg	4.00	0.0000	117.00	No Ice	2.86	6.57	0.03
			0.00			1/2"	3.22	7.19	0.08
			2.00			Ice	3.59	7.84	0.13
						1" Ice	4.34	9.17	0.25
						2" Ice			
(2) LPA-80080/4CF w/ Mount Pipe	C	From Leg	4.00	0.0000	117.00	No Ice	2.86	6.57	0.03
			0.00			1/2"	3.22	7.19	0.08
			2.00			Ice	3.59	7.84	0.13
						1" Ice	4.34	9.17	0.25
						2" Ice			
Platform Mount [LP 303-1]	C	None		0.0000	117.00	No Ice	14.69	14.69	1.25
						1/2"	18.01	18.01	1.57
						Ice	21.34	21.34	1.94
						1" Ice	28.08	28.08	2.85
						2" Ice			

(2) NHH-65B-R2B w/ Mount Pipe	A	From Leg	4.00	0.0000	117.00	No Ice	4.09	3.29	0.07
			0.00			1/2"	4.48	3.67	0.13
			2.00			Ice	4.88	4.06	0.21
						1" Ice	5.70	4.86	0.39
						2" Ice			
(2) NHH-65B-R2B w/ Mount Pipe	B	From Leg	4.00	0.0000	117.00	No Ice	4.09	3.29	0.07
			0.00			1/2"	4.48	3.67	0.13
			2.00			Ice	4.88	4.06	0.21
						1" Ice	5.70	4.86	0.39
						2" Ice			
(2) NHH-65B-R2B w/ Mount Pipe	C	From Leg	4.00	0.0000	117.00	No Ice	4.09	3.29	0.07
			0.00			1/2"	4.48	3.67	0.13
			2.00			Ice	4.88	4.06	0.21
						1" Ice	5.70	4.86	0.39
						2" Ice			
MT6407-77A w/ Mount Pipe	A	From Leg	4.00	0.0000	117.00	No Ice	4.91	2.68	0.10
			0.00			1/2"	5.26	3.14	0.14
			2.00			Ice	5.61	3.62	0.18
						1" Ice	6.36	4.63	0.29
						2" Ice			
MT6407-77A w/ Mount Pipe	B	From Leg	4.00	0.0000	117.00	No Ice	4.91	2.68	0.10
			0.00			1/2"	5.26	3.14	0.14
			2.00			Ice	5.61	3.62	0.18
						1" Ice	6.36	4.63	0.29
						2" Ice			

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustmen t °	Placement ft		C _A A _A Front ft ²	C _A A _A Side ft ²	Weight K
MT6407-77A w/ Mount Pipe	C	From Leg	4.00 0.00 2.00	0.0000	117.00	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
RF4440D-13A	A	From Leg	4.00 0.00 2.00	0.0000	117.00	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 Leg	4.00 0.00 2.00	0.0000	117.00	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 Leg	4.00 0.00 2.00	0.0000	117.00	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
RF4439D-25A	A	From Leg	4.00 0.00 2.00	0.0000	117.00	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 Leg	4.00 0.00 2.00	0.0000	117.00	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	C	From Leg	4.00 0.00 2.00	0.0000	117.00	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
RVZDC-6627-PF- 48_CCIV2	A	From Leg	4.00 0.00 2.00	0.0000	117.00	No Ice 1/2" Ice 1" Ice 2" Ice	4.06 4.32 4.58 5.14	3.10 3.34 3.58 4.09	0.03 0.07 0.11 0.20
***** ***** ***** *****									
KS24019-L112A	C	From Leg	3.00 0.00 1.00	0.0000	76.00	No Ice 1/2" Ice 1" Ice 2" Ice	0.14 0.20 0.26 0.41	0.14 0.20 0.26 0.41	0.01 0.01 0.01 0.02
Side Arm Mount [SO 701- 1]	C	From Leg	1.50 0.00 0.00	0.0000	76.00	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

Load Combinations

Comb. No.	Description
1	Dead Only
2	1.2 Dead+1.0 Wind 0 deg - No Ice
3	0.9 Dead+1.0 Wind 0 deg - No Ice
4	1.2 Dead+1.0 Wind 30 deg - No Ice
5	0.9 Dead+1.0 Wind 30 deg - No Ice
6	1.2 Dead+1.0 Wind 60 deg - No Ice
7	0.9 Dead+1.0 Wind 60 deg - No Ice
8	1.2 Dead+1.0 Wind 90 deg - No Ice
9	0.9 Dead+1.0 Wind 90 deg - No Ice
10	1.2 Dead+1.0 Wind 120 deg - No Ice
11	0.9 Dead+1.0 Wind 120 deg - No Ice
12	1.2 Dead+1.0 Wind 150 deg - No Ice
13	0.9 Dead+1.0 Wind 150 deg - No Ice
14	1.2 Dead+1.0 Wind 180 deg - No Ice
15	0.9 Dead+1.0 Wind 180 deg - No Ice
16	1.2 Dead+1.0 Wind 210 deg - No Ice
17	0.9 Dead+1.0 Wind 210 deg - No Ice
18	1.2 Dead+1.0 Wind 240 deg - No Ice
19	0.9 Dead+1.0 Wind 240 deg - No Ice
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	150 - 123.29	Pole	Max Tension	42	0.00	0.00	0.00
			Max. Compression	26	-31.92	0.92	-1.03
			Max. Mx	20	-11.73	243.02	-0.40
			Max. My	14	-11.75	0.32	-242.92
			Max. Vy	8	18.77	-242.22	-0.41
			Max. Vx	14	18.76	0.32	-242.92
			Max. Torque	24			0.84
			Max Tension	1	0.00	0.00	0.00
L2	123.29 - 88.88	Pole	Max. Compression	26	-48.32	-0.06	0.41
			Max. Mx	20	-19.86	1043.14	-0.36

Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial K	Major Axis Moment kip-ft	Minor Axis Moment kip-ft
L3	88.88 - 43.8	Pole	Max. My	14	-19.92	-0.03	-1039.61
			Max. Vy	8	26.58	-1043.09	-0.40
			Max. Vx	14	26.31	-0.03	-1039.61
			Max. Torque	24			0.76
			Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-63.71	-1.86	1.44
			Max. Mx	8	-30.99	-2309.74	-1.00
			Max. My	14	-31.04	-1.19	-2286.42
			Max. Vy	8	31.04	-2309.74	-1.00
			Max. Vx	14	30.42	-1.19	-2286.42
L4	43.8 - 0	Pole	Max. Torque	2			0.84
			Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-85.80	-4.75	3.06
			Max. Mx	8	-47.89	-3951.78	-1.89
			Max. My	14	-47.89	-3.32	-3895.11
			Max. Vy	8	35.63	-3951.78	-1.89
			Max. Vx	14	34.98	-3.32	-3895.11
			Max. Torque	2			0.83

Maximum Reactions

Location	Condition	Gov. Load Comb.	Vertical K	Horizontal, X K	Horizontal, Z K
Pole	Max. Vert	30	85.80	-8.45	-0.01
	Max. H _x	20	47.93	35.57	0.02
	Max. H _z	2	47.93	0.02	34.93
	Max. M _x	2	3894.40	0.02	34.93
	Max. M _z	8	3951.78	-35.57	-0.02
	Max. Torsion	2	0.83	0.02	34.93
	Min. Vert	19	35.95	30.18	-17.45
	Min. H _x	8	47.93	-35.57	-0.02
	Min. H _z	14	47.93	-0.02	-34.93
	Min. M _x	14	-3895.11	-0.02	-34.93
	Min. M _z	20	-3948.25	35.57	0.02
	Min. Torsion	14	-0.83	-0.02	-34.93

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	39.94	0.00	0.00	0.26	-1.42	-0.00
1.2 Dead+1.0 Wind 0 deg - No Ice	47.93	-0.02	-34.93	-3894.40	-0.27	-0.83
0.9 Dead+1.0 Wind 0 deg - No Ice	35.95	-0.02	-34.93	-3820.37	0.17	-0.83
1.2 Dead+1.0 Wind 30 deg - No Ice	47.93	17.41	-30.24	-3371.86	-1944.21	-0.74
0.9 Dead+1.0 Wind 30 deg - No Ice	35.95	17.41	-30.24	-3307.76	-1906.76	-0.74
1.2 Dead+1.0 Wind 60 deg - No Ice	47.93	30.18	-17.45	-1945.71	-3367.70	-0.45
0.9 Dead+1.0 Wind 60 deg - No Ice	35.95	30.18	-17.45	-1908.76	-3303.14	-0.45
1.2 Dead+1.0 Wind 90 deg - No Ice	47.93	35.57	0.02	1.89	-3951.78	-0.04
0.9 Dead+1.0 Wind 90 deg - No Ice	35.95	35.57	0.02	1.77	-3876.47	-0.04
1.2 Dead+1.0 Wind 120 deg - No Ice	47.93	30.56	17.69	1967.46	-3401.05	0.38

Load Combination	Vertical K	Shear _x K	Shear _z K	Overturning Moment, M _x kip-ft	Overturning Moment, M _z kip-ft	Torque kip-ft
0.9 Dead+1.0 Wind 120 deg - No Ice	35.95	30.56	17.69	1930.02	-3336.05	0.37
1.2 Dead+1.0 Wind 150 deg - No Ice	47.93	17.74	30.76	3421.56	-1974.25	0.70
0.9 Dead+1.0 Wind 150 deg - No Ice	35.95	17.74	30.76	3356.57	-1936.38	0.69
1.2 Dead+1.0 Wind 180 deg - No Ice	47.93	0.02	34.93	3895.11	-3.32	0.83
0.9 Dead+1.0 Wind 180 deg - No Ice	35.95	0.02	34.93	3820.88	-2.84	0.83
1.2 Dead+1.0 Wind 210 deg - No Ice	47.93	-17.41	30.24	3372.60	1940.63	0.74
0.9 Dead+1.0 Wind 210 deg - No Ice	35.95	-17.41	30.24	3308.29	1904.10	0.74
1.2 Dead+1.0 Wind 240 deg - No Ice	47.93	-30.18	17.45	1946.47	3364.15	0.45
0.9 Dead+1.0 Wind 240 deg - No Ice	35.95	-30.18	17.45	1909.30	3300.50	0.45
1.2 Dead+1.0 Wind 270 deg - No Ice	47.93	-35.57	-0.02	-1.16	3948.25	0.04
0.9 Dead+1.0 Wind 270 deg - No Ice	35.95	-35.57	-0.02	-1.25	3873.85	0.04
1.2 Dead+1.0 Wind 300 deg - No Ice	47.93	-30.56	-17.69	-1966.76	3397.52	-0.38
0.9 Dead+1.0 Wind 300 deg - No Ice	35.95	-30.56	-17.69	-1929.52	3333.42	-0.37
1.2 Dead+1.0 Wind 330 deg - No Ice	47.93	-17.74	-30.76	-3420.87	1970.68	-0.70
0.9 Dead+1.0 Wind 330 deg - No Ice	35.95	-17.74	-30.76	-3356.08	1933.73	-0.69
1.2 Dead+1.0 Ice+1.0 Temp	85.80	0.00	-0.00	-3.06	-4.75	0.00
1.2 Dead+1.0 Wind 0 deg+1.0 Ice+1.0 Temp	85.80	-0.01	-8.46	-1015.29	-4.43	-0.27
1.2 Dead+1.0 Wind 30 deg+1.0 Ice+1.0 Temp	85.80	4.22	-7.33	-879.45	-509.73	-0.20
1.2 Dead+1.0 Wind 60 deg+1.0 Ice+1.0 Temp	85.80	7.31	-4.23	-508.79	-879.78	-0.07
1.2 Dead+1.0 Wind 90 deg+1.0 Ice+1.0 Temp	85.80	8.45	0.01	-2.68	-1015.40	0.08
1.2 Dead+1.0 Wind 120 deg+1.0 Ice+1.0 Temp	85.80	7.32	4.24	503.28	-880.37	0.21
1.2 Dead+1.0 Wind 150 deg+1.0 Ice+1.0 Temp	85.80	4.23	7.33	873.51	-510.74	0.28
1.2 Dead+1.0 Wind 180 deg+1.0 Ice+1.0 Temp	85.80	0.01	8.46	1008.77	-5.60	0.27
1.2 Dead+1.0 Wind 210 deg+1.0 Ice+1.0 Temp	85.80	-4.22	7.33	872.93	499.69	0.20
1.2 Dead+1.0 Wind 240 deg+1.0 Ice+1.0 Temp	85.80	-7.31	4.23	502.27	869.76	0.07
1.2 Dead+1.0 Wind 270 deg+1.0 Ice+1.0 Temp	85.80	-8.45	-0.01	-3.85	1005.37	-0.08
1.2 Dead+1.0 Wind 300 deg+1.0 Ice+1.0 Temp	85.80	-7.32	-4.24	-509.81	870.34	-0.21
1.2 Dead+1.0 Wind 330 deg+1.0 Ice+1.0 Temp	85.80	-4.23	-7.33	-880.04	500.71	-0.28
Dead+Wind 0 deg - Service	39.94	-0.00	-7.01	-774.49	-1.16	-0.17
Dead+Wind 30 deg - Service	39.94	3.49	-6.07	-670.56	-387.88	-0.15
Dead+Wind 60 deg - Service	39.94	6.06	-3.50	-386.85	-671.06	-0.09
Dead+Wind 90 deg - Service	39.94	7.14	0.00	0.60	-787.32	-0.01
Dead+Wind 120 deg - Service	39.94	6.13	3.55	391.65	-677.75	0.08
Dead+Wind 150 deg - Service	39.94	3.56	6.17	680.97	-393.90	0.14
Dead+Wind 180 deg - Service	39.94	0.00	7.01	775.09	-1.77	0.17
Dead+Wind 210 deg - Service	39.94	-3.49	6.07	671.16	384.95	0.15
Dead+Wind 240 deg - Service	39.94	-6.06	3.50	387.44	668.13	0.09

Load Combination	Vertical K	Shear _x K	Shear _z K	Overturning Moment, M _x kip-ft	Overturning Moment, M _z kip-ft	Torque kip-ft
Dead+Wind 270 deg - Service	39.94	-7.14	-0.00	-0.00	784.40	0.01
Dead+Wind 300 deg - Service	39.94	-6.13	-3.55	-391.06	674.82	-0.08
Dead+Wind 330 deg - Service	39.94	-3.56	-6.17	-680.38	390.97	-0.14

Solution Summary

Load Comb.	Sum of Applied Forces			Sum of Reactions			% Error
	PX K	PY K	PZ K	PX K	PY K	PZ K	
1	0.00	-39.94	0.00	0.00	39.94	0.00	0.000%
2	-0.02	-47.93	-34.93	0.02	47.93	34.93	0.000%
3	-0.02	-35.95	-34.93	0.02	35.95	34.93	0.000%
4	17.41	-47.93	-30.24	-17.41	47.93	30.24	0.000%
5	17.41	-35.95	-30.24	-17.41	35.95	30.24	0.000%
6	30.18	-47.93	-17.45	-30.18	47.93	17.45	0.000%
7	30.18	-35.95	-17.45	-30.18	35.95	17.45	0.000%
8	35.57	-47.93	0.02	-35.57	47.93	-0.02	0.000%
9	35.57	-35.95	0.02	-35.57	35.95	-0.02	0.000%
10	30.56	-47.93	17.69	-30.56	47.93	-17.69	0.000%
11	30.56	-35.95	17.69	-30.56	35.95	-17.69	0.000%
12	17.74	-47.93	30.76	-17.74	47.93	-30.76	0.000%
13	17.74	-35.95	30.76	-17.74	35.95	-30.76	0.000%
14	0.02	-47.93	34.93	-0.02	47.93	-34.93	0.000%
15	0.02	-35.95	34.93	-0.02	35.95	-34.93	0.000%
16	-17.41	-47.93	30.24	17.41	47.93	-30.24	0.000%
17	-17.41	-35.95	30.24	17.41	35.95	-30.24	0.000%
18	-30.18	-47.93	17.45	30.18	47.93	-17.45	0.000%
19	-30.18	-35.95	17.45	30.18	35.95	-17.45	0.000%
20	-35.57	-47.93	-0.02	35.57	47.93	0.02	0.000%
21	-35.57	-35.95	-0.02	35.57	35.95	0.02	0.000%
22	-30.56	-47.93	-17.69	30.56	47.93	17.69	0.000%
23	-30.56	-35.95	-17.69	30.56	35.95	17.69	0.000%
24	-17.74	-47.93	-30.76	17.74	47.93	30.76	0.000%
25	-17.74	-35.95	-30.76	17.74	35.95	30.76	0.000%
26	0.00	-85.80	0.00	-0.00	85.80	0.00	0.000%
27	-0.01	-85.80	-8.46	0.01	85.80	8.46	0.000%
28	4.22	-85.80	-7.33	-4.22	85.80	7.33	0.000%
29	7.31	-85.80	-4.23	-7.31	85.80	4.23	0.000%
30	8.45	-85.80	0.01	-8.45	85.80	-0.01	0.000%
31	7.32	-85.80	4.24	-7.32	85.80	-4.24	0.000%
32	4.23	-85.80	7.33	-4.23	85.80	-7.33	0.000%
33	0.01	-85.80	8.46	-0.01	85.80	-8.46	0.000%
34	-4.22	-85.80	7.33	4.22	85.80	-7.33	0.000%
35	-7.31	-85.80	4.23	7.31	85.80	-4.23	0.000%
36	-8.45	-85.80	-0.01	8.45	85.80	0.01	0.000%
37	-7.32	-85.80	-4.24	7.32	85.80	4.24	0.000%
38	-4.23	-85.80	-7.33	4.23	85.80	7.33	0.000%
39	-0.00	-39.94	-7.01	0.00	39.94	7.01	0.000%
40	3.49	-39.94	-6.07	-3.49	39.94	6.07	0.000%
41	6.06	-39.94	-3.50	-6.06	39.94	3.50	0.000%
42	7.14	-39.94	0.00	-7.14	39.94	-0.00	0.000%
43	6.13	-39.94	3.55	-6.13	39.94	-3.55	0.000%
44	3.56	-39.94	6.17	-3.56	39.94	-6.17	0.000%
45	0.00	-39.94	7.01	-0.00	39.94	-7.01	0.000%
46	-3.49	-39.94	6.07	3.49	39.94	-6.07	0.000%
47	-6.06	-39.94	3.50	6.06	39.94	-3.50	0.000%
48	-7.14	-39.94	-0.00	7.14	39.94	0.00	0.006%
49	-6.13	-39.94	-3.55	6.13	39.94	3.55	0.000%
50	-3.56	-39.94	-6.17	3.56	39.94	6.17	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	5	0.00000001	0.00033467
3	Yes	5	0.00000001	0.00014971
4	Yes	7	0.00000001	0.00014757
5	Yes	6	0.00000001	0.00050846
6	Yes	7	0.00000001	0.00014979
7	Yes	6	0.00000001	0.00051708
8	Yes	5	0.00000001	0.00010374
9	Yes	5	0.00000001	0.00004169
10	Yes	7	0.00000001	0.00015054
11	Yes	6	0.00000001	0.00051882
12	Yes	7	0.00000001	0.00014842
13	Yes	6	0.00000001	0.00051005
14	Yes	5	0.00000001	0.00030718
15	Yes	5	0.00000001	0.00013791
16	Yes	7	0.00000001	0.00015039
17	Yes	6	0.00000001	0.00051940
18	Yes	7	0.00000001	0.00014819
19	Yes	6	0.00000001	0.00051095
20	Yes	5	0.00000001	0.00009435
21	Yes	5	0.00000001	0.00003804
22	Yes	7	0.00000001	0.00014861
23	Yes	6	0.00000001	0.00051148
24	Yes	7	0.00000001	0.00015134
25	Yes	6	0.00000001	0.00052147
26	Yes	4	0.00000001	0.00002641
27	Yes	6	0.00007180	0.00043645
28	Yes	7	0.00000001	0.00023927
29	Yes	7	0.00000001	0.00024162
30	Yes	6	0.00007179	0.00043454
31	Yes	7	0.00000001	0.00024227
32	Yes	7	0.00000001	0.00023777
33	Yes	6	0.00007186	0.00043478
34	Yes	7	0.00000001	0.00024076
35	Yes	7	0.00000001	0.00023817
36	Yes	6	0.00007189	0.00043281
37	Yes	7	0.00000001	0.00023839
38	Yes	7	0.00000001	0.00024315
39	Yes	4	0.00000001	0.00043154
40	Yes	5	0.00000001	0.00026919
41	Yes	5	0.00000001	0.00027868
42	Yes	4	0.00000001	0.00039389
43	Yes	5	0.00000001	0.00028647
44	Yes	5	0.00000001	0.00027772
45	Yes	4	0.00000001	0.00043171
46	Yes	5	0.00000001	0.00028357
47	Yes	5	0.00000001	0.00027342
48	Yes	4	0.00000001	0.00039303
49	Yes	5	0.00000001	0.00027551
50	Yes	5	0.00000001	0.00029017

Maximum Tower Deflections - Service Wind

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
L1	150 - 123.29	33.817	44	2.0922	0.0035
L2	126.71 - 88.88	23.950	44	1.8895	0.0013
L3	93.13 - 43.8	12.357	44	1.3449	0.0006
L4	49.22 - 0	3.236	42	0.6186	0.0002

Critical Deflections and Radius of Curvature - Service Wind

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection in	Tilt °	Twist °	Radius of Curvature ft
149.00	6' x 2" Mount Pipe	44	33.381	2.0850	0.0034	18039
137.00	APX16DWV-16DWV-S-E-A20 w/ Mount Pipe	44	28.203	1.9932	0.0021	6937
129.00	TME-RRUS-11	44	24.873	1.9157	0.0015	4318
127.00	(2) 7770.00 w/ Mount Pipe	44	24.066	1.8929	0.0013	4030
117.00	(2) LPA-80080/4CF w/ Mount Pipe	44	20.215	1.7569	0.0009	3707
76.00	KS24019-L112A	44	7.958	1.0437	0.0005	3289

Maximum Tower Deflections - Design Wind

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
L1	150 - 123.29	169.509	8	10.5249	0.0177
L2	126.71 - 88.88	120.165	8	9.5077	0.0064
L3	93.13 - 43.8	62.066	8	6.7676	0.0031
L4	49.22 - 0	16.255	8	3.1102	0.0011

Critical Deflections and Radius of Curvature - Design Wind

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection in	Tilt °	Twist °	Radius of Curvature ft
149.00	6' x 2" Mount Pipe	8	167.331	10.4892	0.0171	3844
137.00	APX16DWV-16DWV-S-E-A20 w/ Mount Pipe	8	141.439	10.0288	0.0106	1476
129.00	TME-RRUS-11	8	124.785	9.6391	0.0074	915
127.00	(2) 7770.00 w/ Mount Pipe	8	120.746	9.5249	0.0067	853
117.00	(2) LPA-80080/4CF w/ Mount Pipe	8	101.465	8.8411	0.0045	775
76.00	KS24019-L112A	8	39.989	5.2512	0.0025	665

Compression Checks

Pole Design Data

Section No.	Elevation ft	Size	L ft	L _u ft	KI/r	A in ²	P _u K	φP _n K	Ratio $\frac{P_u}{\phi P_n}$
L1	150 - 123.29 (1)	TP22.9x17x0.1875	26.71	0.00	0.0	13.067 2	-11.75	764.43	0.015
L2	123.29 - 88.88 (2)	TP30x21.7696x0.3125	37.83	0.00	0.0	28.529 2	-19.85	1668.96	0.012
L3	88.88 - 43.8 (3)	TP39.2x28.4504x0.375	49.33	0.00	0.0	44.805 7	-30.99	2621.13	0.012
L4	43.8 - 0 (4)	TP48x37.2689x0.4375	49.22	0.00	0.0	66.046 5	-47.89	3863.72	0.012

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	150 - 123.29 (1)	TP22.9x17x0.1875	243.04	413.83	0.587	0.00	413.83	0.000
L2	123.29 - 88.88 (2)	TP30x21.7696x0.3125	1044.48	1249.92	0.836	0.00	1249.92	0.000
L3	88.88 - 43.8 (3)	TP39.2x28.4504x0.375	2311.57	2537.12	0.911	0.00	2537.12	0.000
L4	43.8 - 0 (4)	TP48x37.2689x0.4375	3951.78	4628.73	0.854	0.00	4628.73	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	150 - 123.29 (1)	TP22.9x17x0.1875	18.76	229.33	0.082	0.42	440.97	0.001
L2	123.29 - 88.88 (2)	TP30x21.7696x0.3125	26.62	500.69	0.053	0.41	1261.18	0.000
L3	88.88 - 43.8 (3)	TP39.2x28.4504x0.375	31.00	786.34	0.039	0.70	2592.30	0.000
L4	43.8 - 0 (4)	TP48x37.2689x0.4375	35.63	1159.12	0.031	0.04	4828.05	0.000

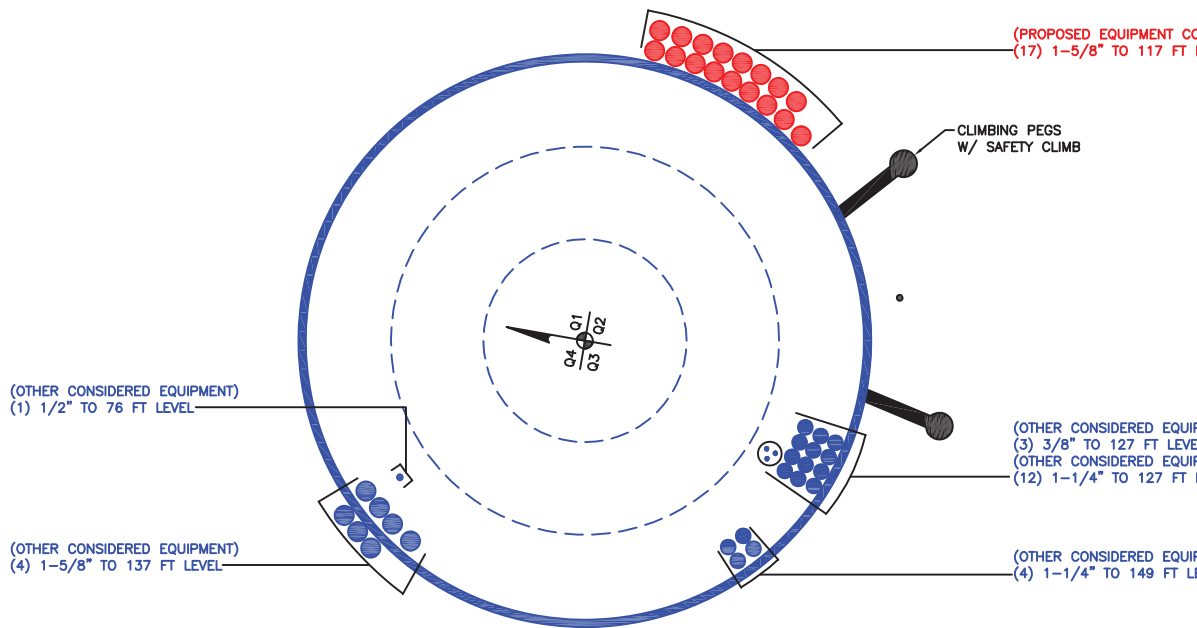
Pole Interaction Design Data

Section No.	Elevation ft	Ratio P_u ϕP_n	Ratio M_{ux} ϕM_{nx}	Ratio M_{uy} ϕM_{ny}	Ratio V_u ϕV_n	Ratio T_u ϕT_n	Comb. Stress Ratio	Allow. Stress Ratio	Criteria
L1	150 - 123.29 (1)	0.015	0.587	0.000	0.082	0.001	0.610	1.050	4.8.2
L2	123.29 - 88.88 (2)	0.012	0.836	0.000	0.053	0.000	0.850	1.050	4.8.2
L3	88.88 - 43.8 (3)	0.012	0.911	0.000	0.039	0.000	0.925	1.050	4.8.2
L4	43.8 - 0 (4)	0.012	0.854	0.000	0.031	0.000	0.867	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	150 - 123.29	Pole	TP22.9x17x0.1875	1	-11.75	802.65	58.1	Pass
L2	123.29 - 88.88	Pole	TP30x21.7696x0.3125	2	-19.85	1752.41	81.0	Pass
L3	88.88 - 43.8	Pole	TP39.2x28.4504x0.375	3	-30.99	2752.19	88.0	Pass
L4	43.8 - 0	Pole	TP48x37.2689x0.4375	4	-47.89	4056.91	82.6	Pass
							Summary	
							Pole (L3)	Pass
							RATING = 88.0	Pass

APPENDIX B
BASE LEVEL DRAWING



APPENDIX C
ADDITIONAL CALCULATIONS

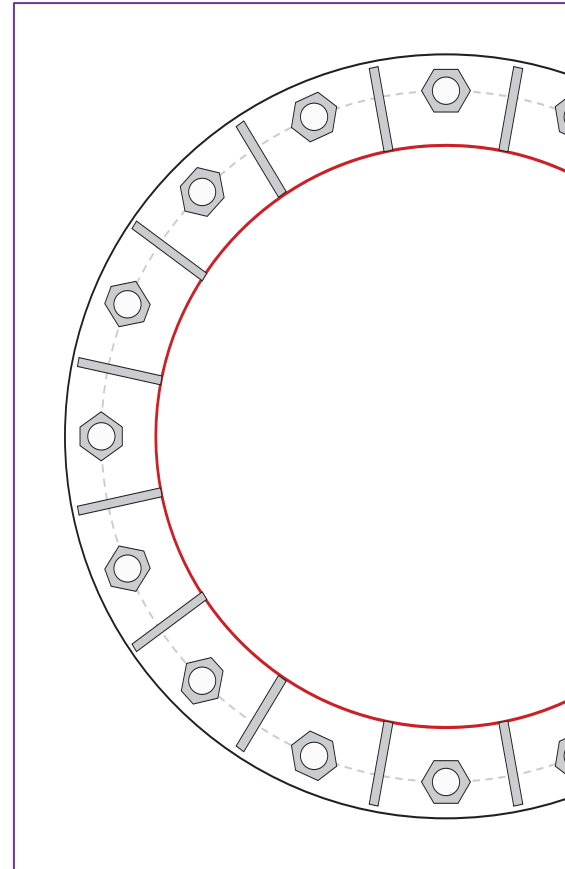
Monopole Base Plate Connection

Site Info	
BU #	876390
Site Name	Hampton / Bernier
Order #	583560 Rev. 0

Analysis Considerations	
TIA-222 Revision	H
Grout Considered:	No
l_{ar} (in)	1

Applied Loads	
Moment (kip-ft)	3951.78
Axial Force (kips)	47.89
Shear Force (kips)	35.63

*TIA-222-H Section 15.5 Applied



Connection Properties

Anchor Rod Data

(16) 2-1/4" $\varnothing$ bolts (A615-75 N; $F_y=75$ ksi, $F_u=100$ ksi) on 57" BC

Base Plate Data

63" OD x 2" Plate (A572-60; $F_y=60$ ksi, $F_u=75$ ksi)

Stiffener Data

(16) 18"H x 7"W x 0.75"T, Notch: 0.75"
 plate: $F_y= 50$ ksi ; weld: $F_y= 70$ ksi
 horiz. weld: 0.375" groove, 45° dbl bevel, 0.375" fillet
 vert. weld: 0.375" fillet

Pole Data

48" x 0.4375" 18-sided pole (A572-65; $F_y=65$ ksi, $F_u=80$ ksi)

Analysis

Anchor Rod Summary

$Pu_t = 204.86$

$Vu = 2.23$

$Mu = n/a$

Base Plate Summary

Max Stress (ksi):

Allowable Stress (ksi):

Stress Rating:

Stiffener Summary

Horizontal Weld:

Vertical Weld:

Plate Flexure+Shear:

Plate Tension+Shear:

Plate Compression:

Pole Summary

Punching Shear:

Pier and Pad Foundation



BU # : 876390
 Site Name: Hampton / Bernier
 App. Number: 583560 Rev. 0

TIA-222 Revision: H
 Tower Type: Monopole

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

Superstructure Analysis Reactions		
Compression, P_{comp} :	47.93	kips
Base Shear, V_u comp:	35.57	kips
Moment, M_u :	3951.78	ft-kips
Tower Height, H :	150	ft
BP Dist. Above Fdn, bp_{dist} :	3.25	in

Pier Properties		
Pier Shape:	Square	
Pier Diameter, $dpier$:	6.5	ft
Ext. Above Grade, E :	1	ft
Pier Rebar Size, Sc :	9	
Pier Rebar Quantity, mc :	27	
Pier Tie/Spiral Size, St :	4	
Pier Tie/Spiral Quantity, mt :	4	
Pier Reinforcement Type:	Tie	
Pier Clear Cover, cc_{pier} :	3	in

Pad Properties		
Depth, D :	5	ft
Pad Width, W_1 :	25.25	ft
Pad Thickness, T :	3	ft
Pad Rebar Size (Top dir.2), Sp_{top2} :	9	
Pad Rebar Quantity (Top dir. 2), mp_{top2} :	20	
Pad Rebar Size (Bottom dir. 2), Sp_2 :	9	
Pad Rebar Quantity (Bottom dir. 2), mp_2 :	35	
Pad Clear Cover, cc_{pad} :	3	in

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

Soil Properties		
Total Soil Unit Weight, γ :	125	pcf
Ultimate Net Bearing, Q_{net} :	12.000	ksf
Cohesion, C_u :	0.000	ksf
Friction Angle, ϕ :	30	degrees
SPT Blow Count, N_{blows} :	6	
Base Friction, μ :	0.5	
Neglected Depth, N :	3.33	ft
Foundation Bearing on Rock?	No	
Groundwater Depth, gw :	None	ft

Foundation Analysis Checks			
	Capacity	Demand	Rating*
Lateral (Sliding) (kips)	216.35	35.57	15.7%
Bearing Pressure (ksf)	9.47	2.94	31.1%
Overturing (kip*ft)	5343.59	4174.83	78.1%
Pier Flexure (Comp.) (kip*ft)	4122.05	4058.49	93.8%
Pier Compression (kip)	26891.28	70.75	0.3%
Pad Flexure (kip*ft)	4770.48	2028.90	40.5%
Pad Shear - 1-way (kips)	899.95	296.01	31.3%
Pad Shear - 2-way (Comp) (ksi)	0.190	0.000	0.0%
Flexural 2-way (Comp) (kip*ft)	4566.12	2435.09	50.8%

*Rating per TIA-222-15.5

Structural Rating*:	
Soil Rating*:	

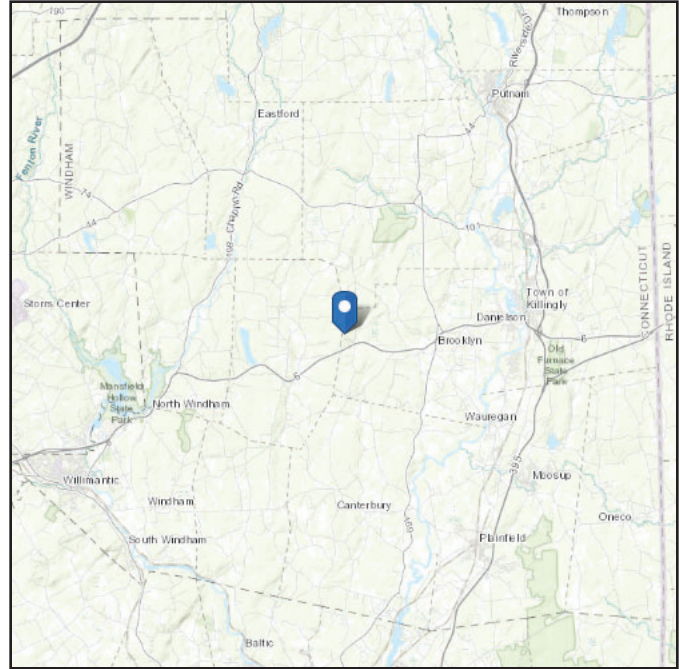
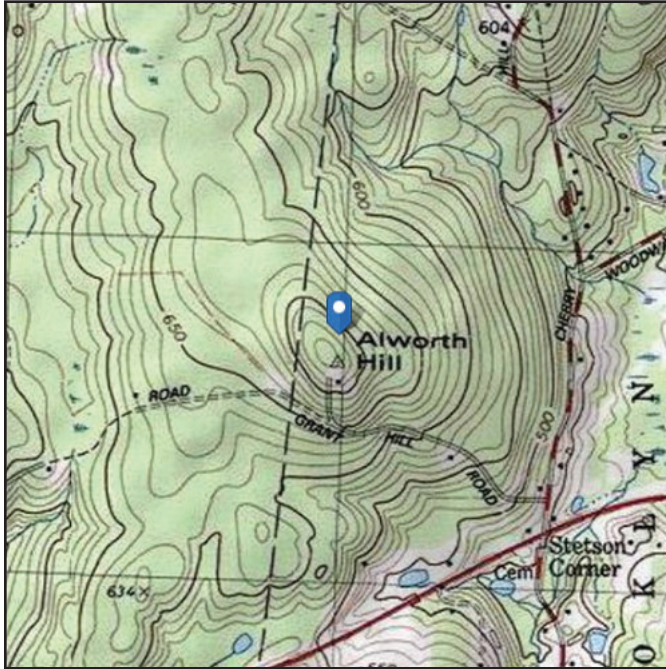
<--Toggle between Gross and Net

ASCE 7 Hazards Report

Address:
No Address at This
Location

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

Elevation: 715.2 ft (NAVD 88)
Latitude: 41.791567
Longitude: -72.015011



Wind

Results:

Wind Speed:	129 Vmph
10-year MRI	78 Vmph
25-year MRI	88 Vmph
50-year MRI	96 Vmph
100-year MRI	105 Vmph

130 Vmph Per Jurisdiction

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

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

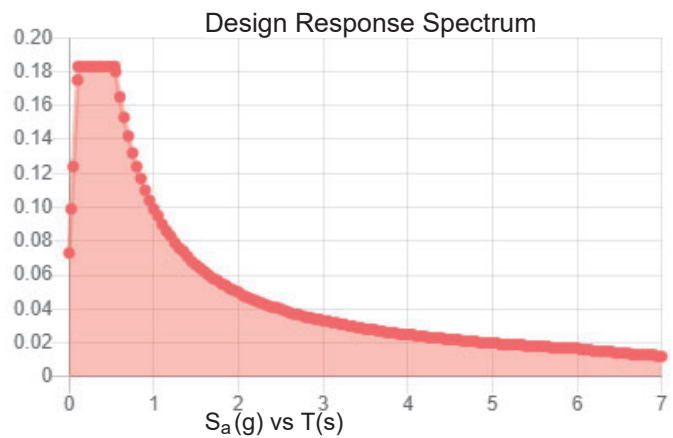
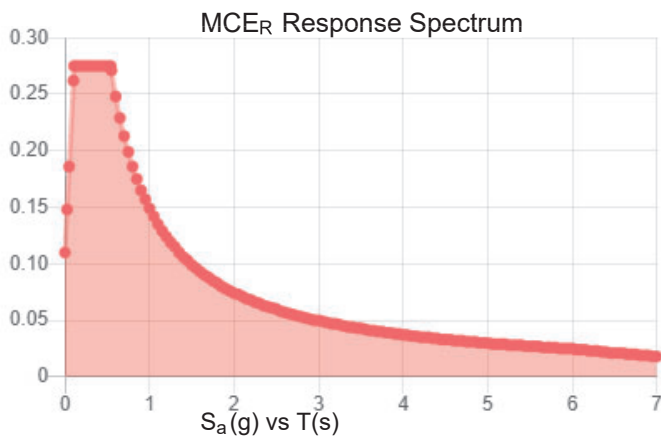
Site is in a hurricane-prone region as defined in ASCE/SEI 7-10 Section 26.2. Glazed openings need not be protected against wind-borne debris.

Site Soil Class: D - Stiff Soil

Results:

S_S :	0.172	S_{DS} :	0.183
S_1 :	0.062	S_{D1} :	0.099
F_a :	1.6	T_L :	6
F_v :	2.4	PGA :	0.086
S_{MS} :	0.275	PGA_M :	0.137
S_{M1} :	0.149	F_{PGA} :	1.6
		I_e :	1

Seismic Design Category B



Data Accessed:

Fri Aug 13 2021

Date Source:

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

Results:

Ice Thickness:	0.75 in.	Design Ice $2 \times 0.75 = 1.5"$
Concurrent Temperature:	15 F	
Gust Speed:	50 mph	

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

Date Accessed: Fri Aug 13 2021

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

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

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

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

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

Exhibit E

Mount Analysis



Maser Consulting Connecticut
1055 Washington Boulevard
Stamford, CT 06901
203.324.0800
peter.albano@colliersengineering.com

Post-Modification Antenna Mount Analysis Report and PMI Requirements

Mount Fix

SMART Tool Project #: 10115174
Maser Consulting Connecticut Project #: 21777307A

November 12, 2021

Site Information

Site ID: 468141-VZW / BROOKLYN WEST CT
Site Name: BROOKLYN WEST CT
Carrier Name: Verizon Wireless
Address: 118 Grant Hill Rd
Brooklyn, Connecticut 06234
Windham County
Latitude: 41.791806°
Longitude: -72.014775°

Structure Information

Tower Type: 140-Ft Monopole
Mount Type: 12.08-Ft Platform

FUZE ID # 16272122

Analysis Results

Platform: 43.6% 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

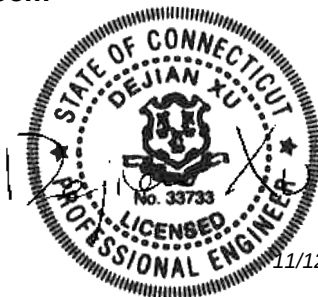
Requirements also Noted on Mount Modification Drawings

Requirements may also be Noted on A & E drawings

For additional questions and support, please reach out to:

pmisupport@colliersengineering.com

Report Prepared By: Devin Castillo



11/12/2021

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: 674854, Dated July 27, 2021
Mount Mapping Report	Structural Components, Site ID #: 16272122 dated October 20, 2021
Previous Mount Analysis Report	Maser Consulting Connecticut Project #: 21777307A, dated November 1, 2021
Mount Modification Drawings	Maser Consulting Connecticut Project #: 21777307A, dated November 12, 2021

Analysis Criteria:

Codes and Standards:	ANSI/TIA-222-H
Wind Parameters:	Basic Wind Speed (Ultimate 3-sec. Gust), V_{ULT} : 121 mph Ice Wind Speed (3-sec. Gust): 50 mph Design Ice Thickness: 1.00 in Risk Category: II Exposure Category: B Topographic Category: 1 Topographic Feature Considered: N/A Topographic Method: N/A Ground Elevation Factor, K_e : 0.975
Seismic Parameters:	S_s : 0.184 g S_1 : 0.054 g
Maintenance Parameters:	Wind Speed (3-sec. Gust): 30 mph Maintenance Live Load, L_v : 250 lbs. Maintenance Live Load, L_m : 500 lbs.
Analysis Software:	RISA-3D (V17)

Final Loading Configuration:

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

Mount Elevation (ft)	Equipment Elevation (ft)	Quantity	Manufacturer	Model	Status
115.00	117.00	6	Antel	LPA-80080/4CF	Retained
		6	Commscope	NHH-65B-R2B	Added
		3	Samsung	MT6407-77A	
		1	Raycap	RVZDC-6627-PF-48	
		3	Samsung	RF4439d-25A	
		3	Samsung	RF4439d-25A	

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 in accordance with the NSTD-446 Standard, the mounts are assumed to have been properly fabricated, installed and maintained in good condition, twist free and plumb in accordance with its original design and manufacturer's specifications.
4. All member connections are assumed to have been designed to meet or exceed the load carrying capacity of the connected member unless otherwise specified in this report.
5. The mount was checked up to, and including, the bolts that fasten it to the mount collar/attachment and threaded rod connections in collar members if applicable. Local deformation and interaction between the mount collar/attachment and the supporting tower structure are outside the scope of this analysis.

6. All services are performed, results obtained, and recommendations made in accordance with generally accepted engineering principles and practices. Maser Consulting Connecticut is not responsible for the conclusion, opinions, and recommendations made by others based on the information supplied.
7. Structural Steel Grades have been assumed as follows, if applicable, unless otherwise noted in this analysis:
 - Channel, Solid Round, Angle, Plate ASTM A36 (Gr. 36)
 - HSS (Rectangular) ASTM 500 (Gr. B-46)
 - Pipe ASTM A53 (Gr. B-35)
 - Threaded Rod F1554 (Gr. 36)
 - Bolts ASTM A325
8. Any mount modifications listed under Sources of Information are assumed to have been installed per the design specifications.

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

Analysis Results:

Component	Utilization %	Pass/Fail
<i>Support Rail Angle</i>	<i>30.1%</i>	<i>Pass</i>
<i>Support Rail</i>	<i>18.9%</i>	<i>Pass</i>
<i>Mount Pipe</i>	<i>40.9%</i>	<i>Pass</i>
<i>Face Horizontal</i>	<i>12.9%</i>	<i>Pass</i>
<i>Grating Support</i>	<i>17.5%</i>	<i>Pass</i>
<i>Platform Crossmember</i>	<i>17.3%</i>	<i>Pass</i>
<i>Cross Arm Plate</i>	<i>23.4%</i>	<i>Pass</i>
<i>Standoff Horizontal</i>	<i>31.1%</i>	<i>Pass</i>
<i>Corner Plate</i>	<i>23.6%</i>	<i>Pass</i>
<i>Connection Check</i>	<i>43.6%</i>	<i>Pass</i>

Structure Rating – (Controlling Utilization of all Components)	43.6%
---	--------------

Recommendation:

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

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

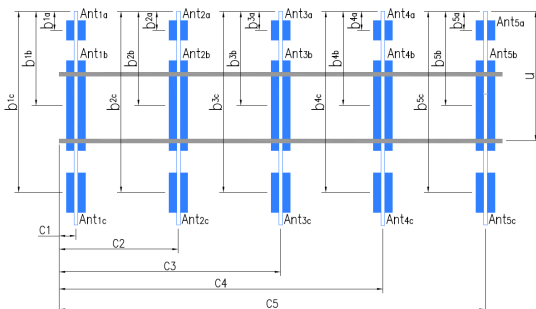
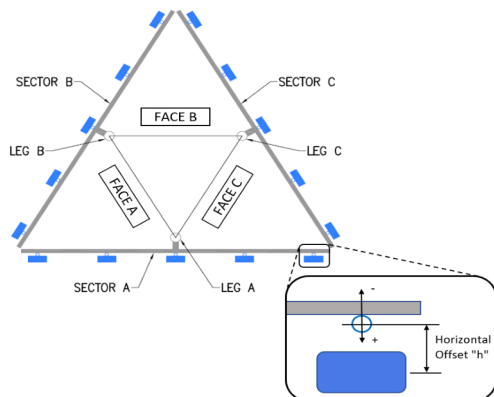
Attachments:

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



FCC:

Tower Owner:	Crown Castle	Mapping Date:	10/20/2021
Site Name:	BROOKLYN WEST CT	Tower Type:	Monopole
Site Number or ID:	16272122	Tower Height (Ft.):	140
Mapping Contractor:	Structural Components	Mount Elevation (Ft.):	115

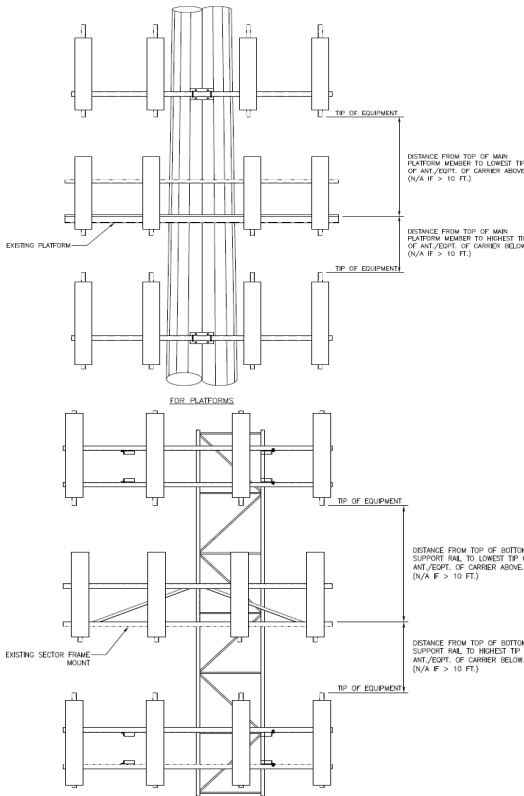
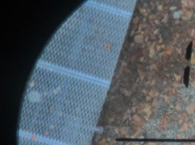
[illegible]

Antenna Layout (Looking Out From Tower)

Sector / Position	Mount Pipe Size & Length	Vertical Offset Dimension "U"	Horizontal Offset "C1, C2, C3, etc."	Sector / Position	Mount Pipe Size & Length	Vertical Offset Dimension "U"	Horizontal Offset "C1, C2, C3, etc."
A1	2.375 x .154 x 66	53.00	17.00	C1	2.375 x .154 x 66	53.00	17.50
A2	2.375 x .154 x 72	54.00	75.00	C2	2.375 x .154 x 72	52.00	72.50
A3	2.375 x .154 x 72	56.00	104.50	C3	2.375 x .154 x 72	56.00	104.50
A4	2.375 x .154 x 66	53.00	127.50	C4	2.375 x .154 x 66	55.00	127.00
A5				C5			
A6				C6			
B1	2.375 x .154 x 66	53.00	17.00	D1			
B2	2.375 x .154 x 72	54.00	72.00	D2			
B3	2.375 x .154 x 72	56.00	106.50	D3			
B4	2.375 x .154 x 66	53.00	129.00	D4			
B5				D5			
B6				D6			

Tower Face Width at Mount Elev. (ft.):		Tower Leg Size or Pole Shaft Diameter at Mount Elev. (in.):	22.9
For T-Arms/Platforms on monopoles, report the weld size from the main standoff to the plate bolting into the collar mount.			0.375

[illegible]

[illegible]

Observed Safety and Structural Issues During the Mount Mapping		
Issue #	Description of Issue	Photo #
1	Missing U-bolt on footrail.	64
2		
3		
4		
5		
6		
7		
8		

Observed Obstructions to Tower Lighting System				
If the tower lighting system is being obstructed by the carrier's equipment (for example: a light nested by the antennas), please provide photos and fill in the information below.				Photo #
Description of Obstruction:				
Type of Light:		Photo #		Additional Comments:
Lighting Technology:		Photo #		
Elevation (AGL) at base of light (Ft.):		Photo #		
Is a service loop available?		Photo #		
Is beacon installed on an extension?		Photo #		

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.



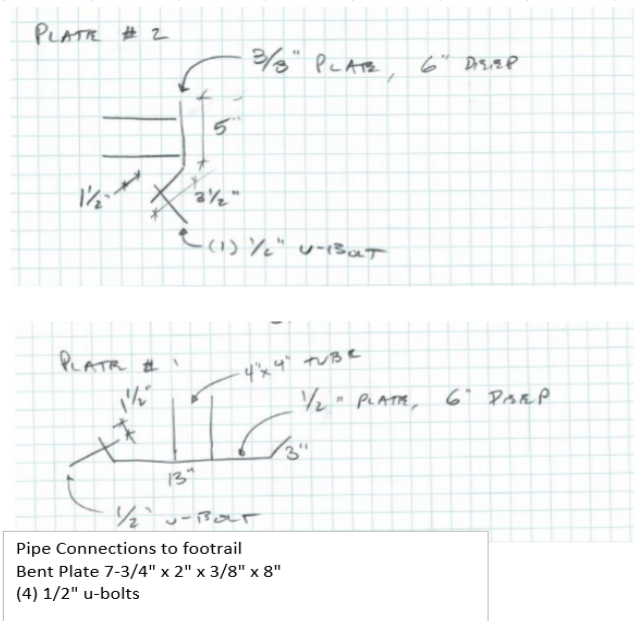
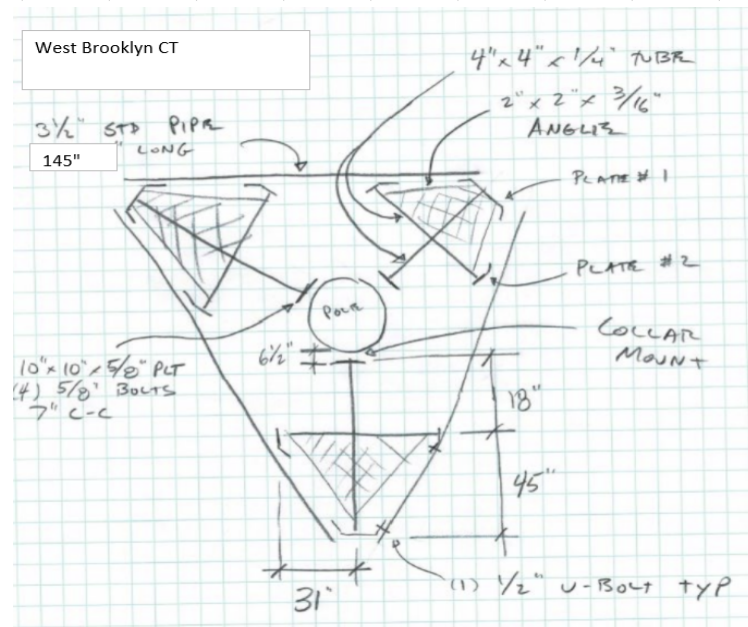
Antenna Mount Mapping Form (PATENT PENDING)

FCC #

Tower Owner:	Crown Castle	Mapping Date:	10/20/2021
Site Name:	BROOKLYN WEST CT	Tower Type:	Monopole
Site Number or ID:	16272122	Tower Height (Ft.):	140
Mapping Contractor:	Structural Components	Mount Elevation (Ft.):	115

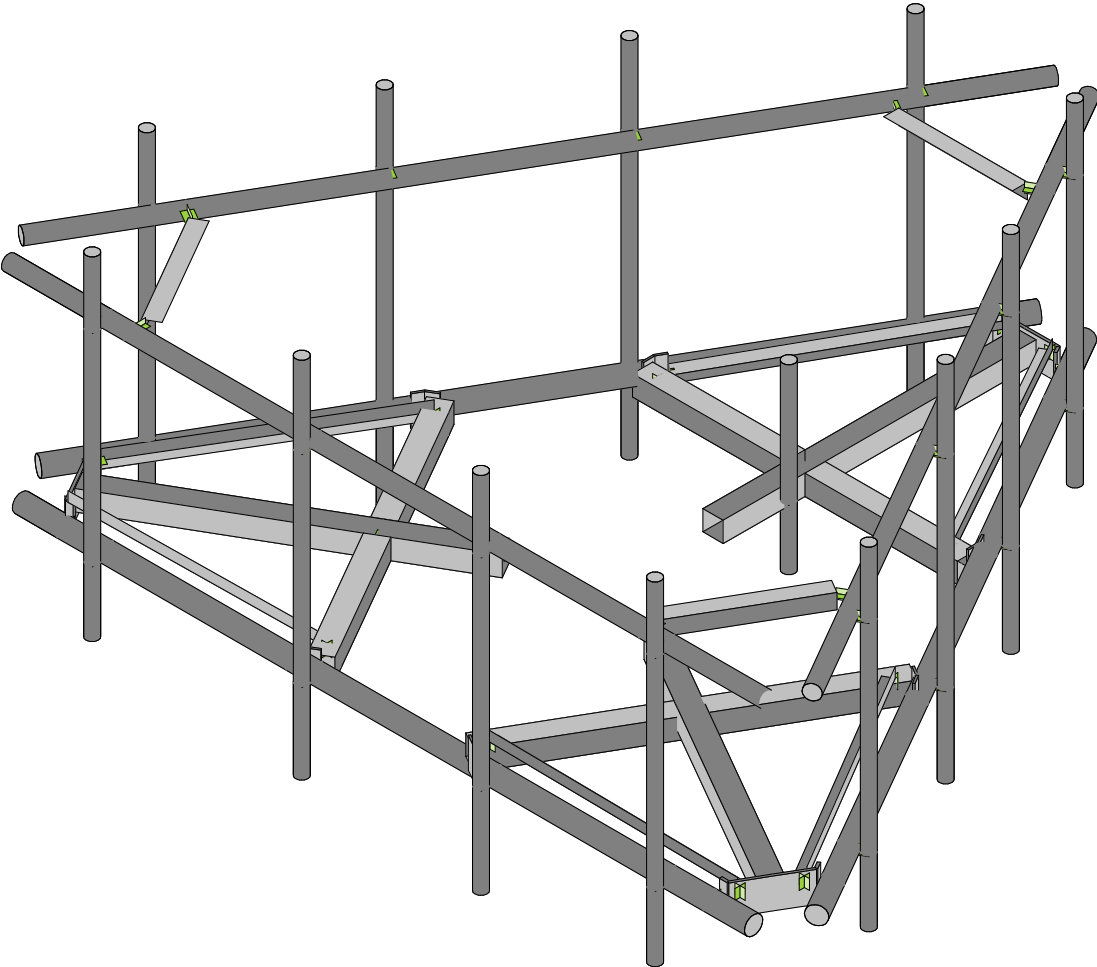
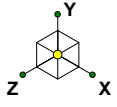
This antenna mapping form is the property of TES and under **PATENT PENDING**. The formation contained herein is considered confidential in nature and is to be used only for the specific customer it was intended for. Reproduction, transmission, publication, modification or disclosure by any method is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

Please Insert Sketches of the Antenna Mount

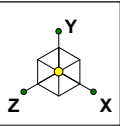


[illegible][illegible]

[illegible]

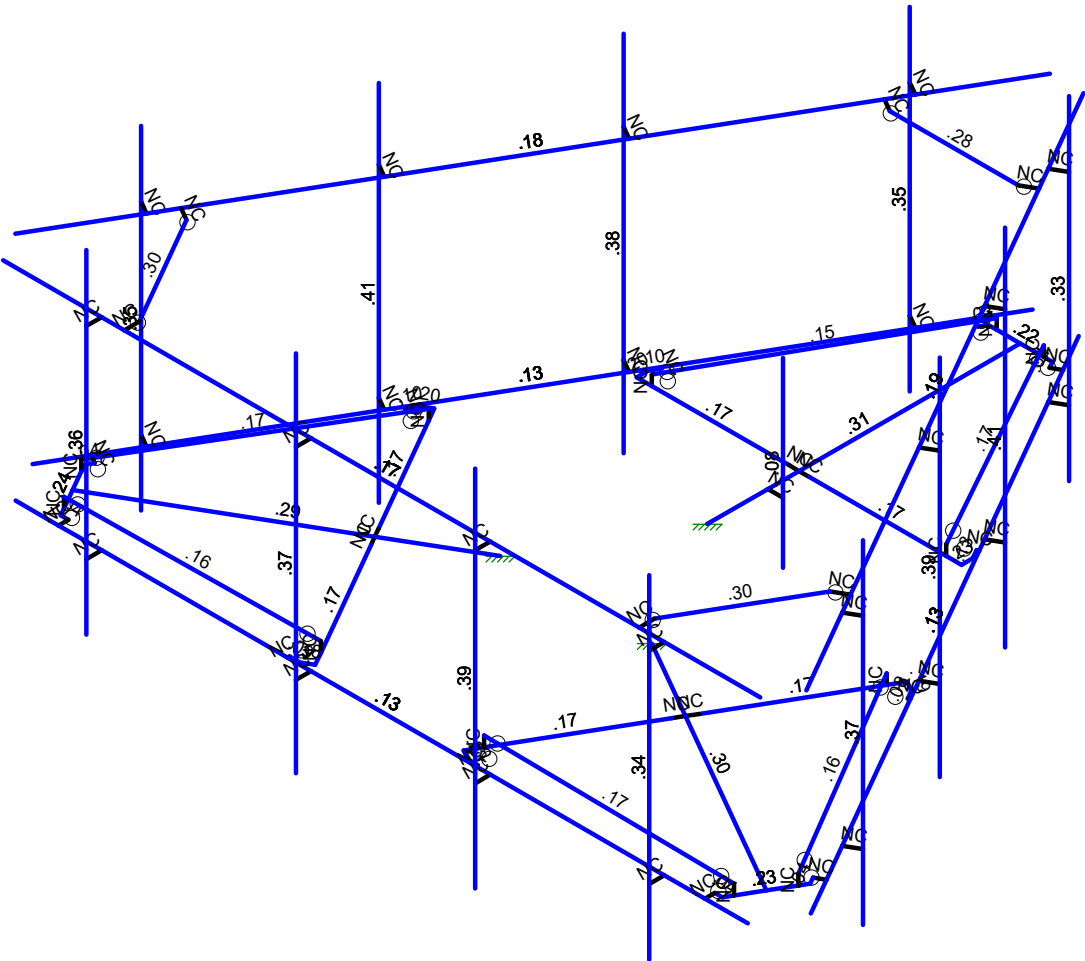


		SK - 1
		Nov 12, 2021 at 1:51 PM
		468141-VZW_MT_LO_H.r3d



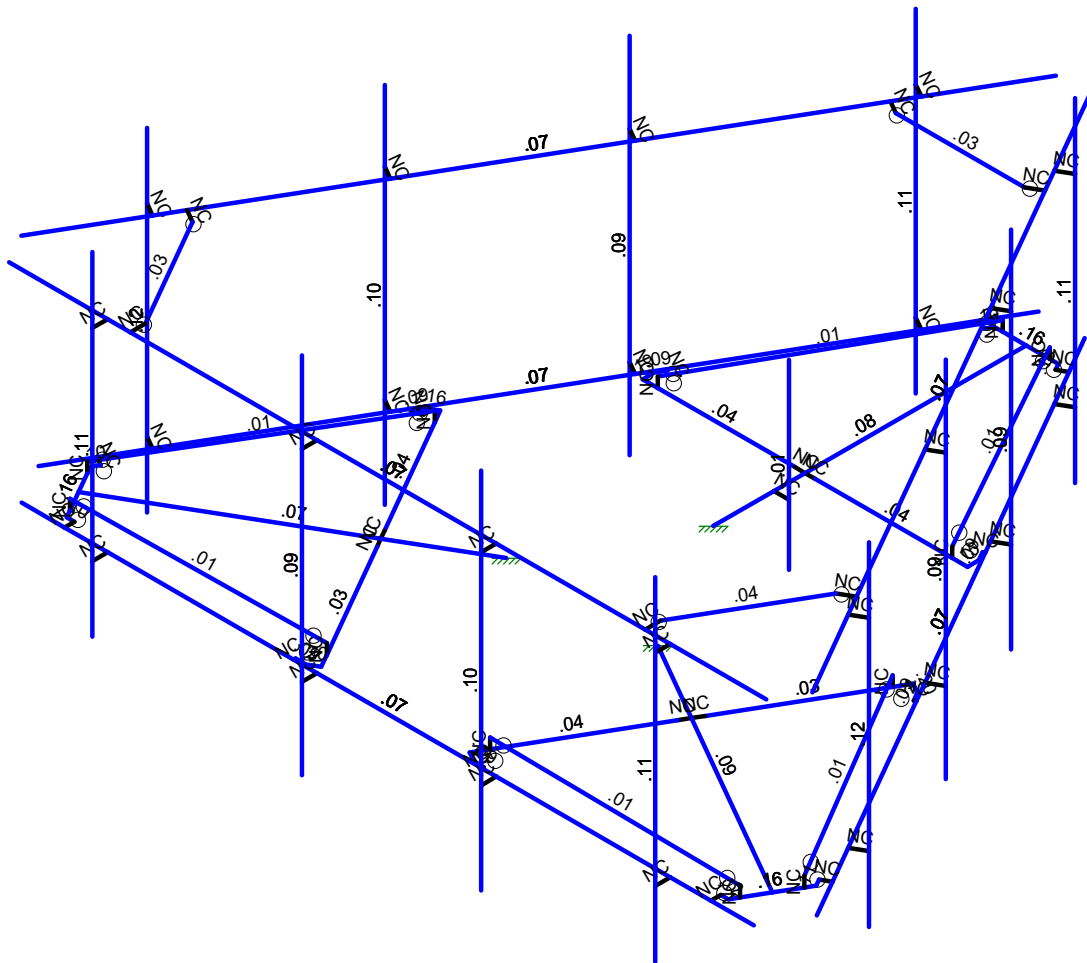
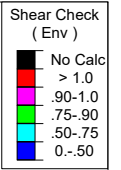
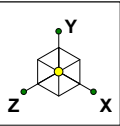
Code Check
(Env)

No Calc
> 1.0
.90-1.0
.75-.90
.50-.75
0.-.50



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

		SK - 2
		Nov 12, 2021 at 1:51 PM
		468141-VZW_MT_LO_H.r3d



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

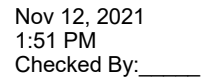
SK - 3

Nov 12, 2021 at 1:51 PM

468141-VZW_MT_LO_H.r3d

Basic Load Cases

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distribut..	Area(M...	Surface...
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 Deg)	None						116		
46	Structure Wo (150 Deg)	None						116		
47	Structure Wo (180 Deg)	None						116		
48	Structure Wo (210 Deg)	None						116		
49	Structure Wo (240 Deg)	None						116		
50	Structure Wo (270 Deg)	None						116		
51	Structure Wo (300 Deg)	None						116		
52	Structure Wo (330 Deg)	None						116		
53	Structure Wi (0 Deg)	None						116		
54	Structure Wi (30 Deg)	None						116		
55	Structure Wi (60 Deg)	None						116		
56	Structure Wi (90 Deg)	None						116		



	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distribut...	Area(M...	Surface...
57	Structure Wi (120 Deg)	None						116		
58	Structure Wi (150 Deg)	None						116		
59	Structure Wi (180 Deg)	None						116		
60	Structure Wi (210 Deg)	None						116		
61	Structure Wi (240 Deg)	None						116		
62	Structure Wi (270 Deg)	None						116		
63	Structure Wi (300 Deg)	None						116		
64	Structure Wi (330 Deg)	None						116		
65	Structure Wm (0 Deg)	None						116		
66	Structure Wm (30 Deg)	None						116		
67	Structure Wm (60 Deg)	None						116		
68	Structure Wm (90 Deg)	None						116		
69	Structure Wm (120 Deg)	None						116		
70	Structure Wm (150 Deg)	None						116		
71	Structure Wm (180 Deg)	None						116		
72	Structure Wm (210 Deg)	None						116		
73	Structure Wm (240 Deg)	None						116		
74	Structure Wm (270 Deg)	None						116		
75	Structure Wm (300 Deg)	None						116		
76	Structure Wm (330 Deg)	None						116		
77	Lm1	None					1			
78	Lm2	None					1			
79	Lv1	None					1			
80	Lv2	None					1			
81	Antenna Ev	None					111			
82	Antenna Eh (0 Deg)	None					74			
83	Antenna Eh (90 Deg)	None					74			
84	Structure Ev	ELY		-.02						
85	Structure Eh (0 Deg)	ELZ	-.049							
86	Structure Eh (90 Deg)	ELX			.049					
87	BLC 39 Transient Area Loads	None						27		
88	BLC 40 Transient Area Loads	None						27		

Description		S...PDelta	S...B...	F...	BLC	F...	BLC	F...	B...	F...	B...	F...	B...	F...	B...	F...	B...	F...	B...
1	1.2D+1.0Wo (0 Deg)	Y...	Y		1	1.2	39	1.2	3	1	41	1							
2	1.2D+1.0Wo (30 Deg)	Y...	Y		1	1.2	39	1.2	4	1	42	1							
3	1.2D+1.0Wo (60 Deg)	Y...	Y		1	1.2	39	1.2	5	1	43	1							
4	1.2D+1.0Wo (90 Deg)	Y...	Y		1	1.2	39	1.2	6	1	44	1							
5	1.2D+1.0Wo (120 Deg)	Y...	Y		1	1.2	39	1.2	7	1	45	1							
6	1.2D+1.0Wo (150 Deg)	Y...	Y		1	1.2	39	1.2	8	1	46	1							
7	1.2D+1.0Wo (180 Deg)	Y...	Y		1	1.2	39	1.2	9	1	47	1							
8	1.2D+1.0Wo (210 Deg)	Y...	Y		1	1.2	39	1.2	10	1	48	1							
9	1.2D+1.0Wo (240 Deg)	Y...	Y		1	1.2	39	1.2	11	1	49	1							
10	1.2D+1.0Wo (270 Deg)	Y...	Y		1	1.2	39	1.2	12	1	50	1							
11	1.2D+1.0Wo (300 Deg)	Y...	Y		1	1.2	39	1.2	13	1	51	1							
12	1.2D+1.0Wo (330 Deg)	Y...	Y		1	1.2	39	1.2	14	1	52	1							
13	1.2D + 1.0Di + 1.0Wi (0 Deg)	Y...	Y		1	1.2	39	1.2	2	1	40	1	15	1	53	1			
14	1.2D + 1.0Di + 1.0Wi (30 Deg)	Y...	Y		1	1.2	39	1.2	2	1	40	1	16	1	54	1			
15	1.2D + 1.0Di + 1.0Wi (60 Deg)	Y...	Y		1	1.2	39	1.2	2	1	40	1	17	1	55	1			
16	1.2D + 1.0Di + 1.0Wi (90 Deg)	Y...	Y		1	1.2	39	1.2	2	1	40	1	18	1	56	1			
17	1.2D + 1.0Di + 1.0Wi (120 Deg)	Y...	Y		1	1.2	39	1.2	2	1	40	1	19	1	57	1			
18	1.2D + 1.0Di + 1.0Wi (150 Deg)	Y...	Y		1	1.2	39	1.2	2	1	40	1	20	1	58	1			
19	1.2D + 1.0Di + 1.0Wi (180 Deg)	Y...	Y		1	1.2	39	1.2	2	1	40	1	21	1	59	1			
20	1.2D + 1.0Di + 1.0Wi (210 Deg)	Y...	Y		1	1.2	39	1.2	2	1	40	1	22	1	60	1			

Load Combinations (Continued)

[illegible]

Joint Coordinates and Temperatures

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
1	CP	0	0	0	0	
2	N36	-6.041663	0	3.928849	0	
3	N53A	6.041663	0	3.928849	0	
4	N231A	-4.624996	0	3.928849	0	
5	N232A	-4.624996	0	4.178849	0	
6	N233A	-4.624996	4.416667	4.178849	0	
7	N234A	-4.624996	-1.083333	4.178849	0	
8	N235A	-1.166663	0	3.928849	0	
9	N236A	-1.166663	0	4.178849	0	
10	N237A	-1.166663	4.666667	4.178849	0	
11	N238A	-1.166663	-1.333333	4.178849	0	
12	N239A	1.791671	0	3.928849	0	
13	N240A	1.791671	0	4.178849	0	
14	N241A	1.791671	4.5	4.178849	0	
15	N242A	1.791671	-1.5	4.178849	0	
16	N243A	4.666671	0	3.928849	0	
17	N244A	4.666671	0	4.178849	0	
18	N245A	4.666671	4.416667	4.178849	0	
19	N246A	4.666671	-1.083333	4.178849	0	
20	N229C	0.530527	0	-6.611729	0	
21	N230C	0.593027	0	-6.503476	0	
22	N231C	0.734652	0	-6.585243	0	
23	N232C	-0.530527	0	-6.611729	0	
24	N233C	-0.593027	0	-6.503476	0	
25	N234C	-0.734652	0	-6.585243	0	
26	N258A	-0.	0	-6.611729	0	
27	N259A	-0.	0	-1.445062	0	
28	N252A	2.681562	0	-2.960507	0	
29	N253A	2.681562	0	-3.148007	0	
30	N254A	2.598228	0	-3.292344	0	
31	N255A	2.626413	0	-3.308617	0	
32	N256A	-2.681562	0	-2.960507	0	
33	N257A	-2.681562	0	-3.148007	0	
34	N258B	-2.598228	0	-3.292344	0	
35	N259B	-2.626413	0	-3.308617	0	
36	N264A	-0.	0	-2.960507	0	
37	N265A	-0.166687	0	-2.960507	0	
38	N266A	0.166647	0	-2.960507	0	
39	N273	-2.431562	0	-2.960507	0	
40	N274A	-0.38886	0	-6.611729	0	
41	N275A	-2.431562	0.166667	-2.960507	0	
42	N276A	-0.38886	0.166667	-6.611729	0	
43	N277	2.431562	0	-2.960507	0	
44	N278	0.38886	0	-6.611729	0	
45	N279	2.431562	0.166667	-2.960507	0	
46	N280	0.38886	0.166667	-6.611729	0	
47	N137A	-0.	0	-2.445062	0	
48	N138A	.25	0	-2.445062	0	
49	N139	.25	2	-2.445062	0	
50	N140	.25	-1	-2.445062	0	
51	N52	-5.991189	0	2.846415	0	
52	N53	-5.928689	0	2.738162	0	
53	N54	-6.070314	0	2.656394	0	
54	N55	-5.460662	0	3.765314	0	
55	N56	-5.335662	0	3.765314	0	
56	N57	-5.335662	0	3.928849	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
57	N58	-5.725925	0	3.305865	0	
58	N59	-1.251461	0	0.722531	0	
59	N60	-3.904655	0	-0.842047	0	
60	N61	-4.067034	0	-0.748297	0	
61	N62	-4.150368	0	-0.60396	0	
62	N63	-4.178553	0	-0.620232	0	
63	N64	-1.223093	0	3.802554	0	
64	N65	-1.385473	0	3.896304	0	
65	N66	-1.55214	0	3.896304	0	
66	N67	-1.55214	0	3.928849	0	
67	N68	-2.563874	0	1.480253	0	
68	N69	-2.480531	0	1.624608	0	
69	N70	-2.647197	0	1.335933	0	
70	N71	-1.348093	0	3.586047	0	
71	N72	-5.531495	0	3.642628	0	
72	N73	-1.348093	0.166667	3.586047	0	
73	N74	-5.531495	0.166667	3.642628	0	
74	N75	-3.779655	0	-0.625541	0	
75	N76	-5.920356	0	2.969102	0	
76	N77	-3.779655	0.166667	-0.625541	0	
77	N78	-5.920356	0.166667	2.969102	0	
78	N84	5.460662	0	3.765314	0	
79	N85	5.335662	0	3.765314	0	
80	N86	5.335662	0	3.928849	0	
81	N87	5.991189	0	2.846415	0	
82	N88	5.928689	0	2.738162	0	
83	N89	6.070314	0	2.656394	0	
84	N90	5.725925	0	3.305865	0	
85	N91	1.251461	0	0.722531	0	
86	N92	1.223093	0	3.802554	0	
87	N93	1.385473	0	3.896304	0	
88	N94	1.55214	0	3.896304	0	
89	N95	1.55214	0	3.928849	0	
90	N96	3.904655	0	-0.842047	0	
91	N97	4.067034	0	-0.748297	0	
92	N98	4.150368	0	-0.60396	0	
93	N99	4.178553	0	-0.620232	0	
94	N100	2.563874	0	1.480253	0	
95	N101	2.647217	0	1.335899	0	
96	N102	2.480551	0	1.624574	0	
97	N103	3.779655	0	-0.625541	0	
98	N104	5.920356	0	2.969102	0	
99	N105	3.779655	0.166667	-0.625541	0	
100	N106	5.920356	0.166667	2.969102	0	
101	N107	1.348093	0	3.586047	0	
102	N108	5.531495	0	3.642628	0	
103	N109	1.348093	0.166667	3.586047	0	
104	N110	5.531495	0.166667	3.642628	0	
105	N114A	6.423315	0	3.267809	0	
106	N115	0.381652	0	-7.196658	0	
107	N116	5.714981	0	2.04094	0	
108	N117	5.931488	0	1.91594	0	
109	N118	5.931488	4.416667	1.91594	0	
110	N119	5.931488	-1.083333	1.91594	0	
111	N120	3.985815	0	-0.954065	0	
112	N121	4.202321	0	-1.079065	0	
113	N122	4.202321	4.666667	-1.079065	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
114	N123	4.202321	-1.333333	-1.079065	0	
115	N124	2.506648	0	-3.516057	0	
116	N125	2.723154	0	-3.641057	0	
117	N126	2.723154	4.5	-3.641057	0	
118	N127	2.723154	-1.5	-3.641057	0	
119	N128	1.069148	0	-6.00588	0	
120	N129	1.285654	0	-6.13088	0	
121	N130	1.285654	4.416667	-6.13088	0	
122	N131	1.285654	-1.083333	-6.13088	0	
123	N133	-0.381652	0	-7.196658	0	
124	N134	-6.423315	0	3.267809	0	
125	N135	-1.089985	0	-5.969789	0	
126	N136	-1.306491	0	-6.094789	0	
127	N137	-1.306491	4.416667	-6.094789	0	
128	N138	-1.306491	-1.083333	-6.094789	0	
129	N139A	-2.819152	0	-2.974784	0	
130	N140A	-3.035658	0	-3.099784	0	
131	N141	-3.035658	4.666667	-3.099784	0	
132	N142	-3.035658	-1.333333	-3.099784	0	
133	N143	-4.298318	0	-0.412792	0	
134	N144	-4.514825	0	-0.537792	0	
135	N145	-4.514825	4.5	-0.537792	0	
136	N146	-4.514825	-1.5	-0.537792	0	
137	N147	-5.735818	0	2.077031	0	
138	N148	-5.952325	0	1.952031	0	
139	N149	-5.952325	4.416667	1.952031	0	
140	N150	-5.952325	-1.083333	1.952031	0	
141	N141A	-6.249996	3.333333	3.928849	0	
142	N142A	6.249996	3.333333	3.928849	0	
143	N143A	-4.624996	3.333333	3.928849	0	
144	N144A	-4.624996	3.333333	4.178849	0	
145	N145A	-1.166663	3.333333	3.928849	0	
146	N146A	-1.166663	3.333333	4.178849	0	
147	N147A	1.791671	3.333333	3.928849	0	
148	N148A	1.791671	3.333333	4.178849	0	
149	N149A	4.666671	3.333333	3.928849	0	
150	N150A	4.666671	3.333333	4.178849	0	
151	N152	6.527481	3.333333	3.448231	0	
152	N153	0.277485	3.333333	-7.37708	0	
153	N154	5.714981	3.333333	2.04094	0	
154	N155	5.931488	3.333333	1.91594	0	
155	N156	3.985815	3.333333	-0.954065	0	
156	N157	4.202321	3.333333	-1.079065	0	
157	N158	2.506648	3.333333	-3.516057	0	
158	N159	2.723154	3.333333	-3.641057	0	
159	N160	1.069148	3.333333	-6.00588	0	
160	N161	1.285654	3.333333	-6.13088	0	
161	N163	-0.277485	3.333333	-7.37708	0	
162	N164	-6.527481	3.333333	3.448231	0	
163	N165	-1.089985	3.333333	-5.969789	0	
164	N166	-1.306491	3.333333	-6.094789	0	
165	N167	-2.819152	3.333333	-2.974784	0	
166	N168	-3.035658	3.333333	-3.099784	0	
167	N169	-4.298318	3.333333	-0.412792	0	
168	N170	-4.514825	3.333333	-0.537792	0	
169	N171	-5.735818	3.333333	2.077031	0	
170	N172	-5.952325	3.333333	1.952031	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
171	N171A	4.249996	3.333333	3.928849	0	
172	N172A	-4.249996	3.333333	3.928849	0	
173	N173	4.249996	3.333333	3.678849	0	
174	N174	-4.249996	3.333333	3.678849	0	
175	N176	1.277485	3.333333	-5.645029	0	
176	N177	5.527481	3.333333	1.71618	0	
177	N178	1.060979	3.333333	-5.520029	0	
178	N179	5.310975	3.333333	1.84118	0	
179	N181	-5.527481	3.333333	1.71618	0	
180	N182	-1.277485	3.333333	-5.645029	0	
181	N183	-5.310975	3.333333	1.84118	0	
182	N184	-1.060979	3.333333	-5.520029	0	

Hot Rolled Steel Section Sets

	Label	Shape	Type	Design List	Material	Design Rules A [in2]	Iyy [i...	Izz [i...	J [in4]
1	Face Horizontal	PIPE 3.0	Beam	Pipe	A53 Gr.B	Typical	2.07	2.85	5.69
2	Standoff Horizontal	HSS4X4X4	Beam	SquareTube	A500 Gr.B ...	Typical	3.37	7.8	12.8
3	Corner Plate	PL1/2x6	Beam	RECT	A36 Gr.36	Typical	3	.063	.237
4	Platform Crossm...	HSS4X4X4	Beam	SquareTube	A500 Gr.B ...	Typical	3.37	7.8	12.8
5	Grating Support	L2x2x3	Beam	Single Angle	A36 Gr.36	Typical	.722	.271	.009
6	Mount Pipe	PIPE 2.0	Column	Wide Flange	A53 Gr.B	Typical	1.02	.627	1.25
7	Cross Arm Plate	PL3/8x6	Column	RECT	A36 Gr.36	Typical	2.25	.026	6.75
8	Support Rail	PIPE 2.5	Column	Pipe	A53 Gr.B	Typical	1.61	1.45	2.89
9	Support Rail Angle	L3X3X4	Column	Single Angle	A36 Gr.36	Typical	1.44	1.23	.031

Hot Rolled Steel Properties

	Label	E [ksi]	G [ksi]	Nu	Therm (/...	Density[k/ft^3]	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	M20	N53A	N36			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
2	M142A	N231A	N232A			RIGID	None	None	RIGID	Typical
3	MP4A	N233A	N234A			Mount Pipe	Column	Wide Flange	A53 Gr.B	Typical
4	M144A	N235A	N236A			RIGID	None	None	RIGID	Typical
5	MP3A	N237A	N238A			Mount Pipe	Column	Wide Flange	A53 Gr.B	Typical
6	M146A	N239A	N240A			RIGID	None	None	RIGID	Typical
7	MP2A	N241A	N242A			Mount Pipe	Column	Wide Flange	A53 Gr.B	Typical
8	M148A	N243A	N244A			RIGID	None	None	RIGID	Typical
9	MP1A	N245A	N246A			Mount Pipe	Column	Wide Flange	A53 Gr.B	Typical
10	M142C	N229C	N230C			Corner Plate	Beam	RECT	A36 Gr.36	Typical
11	M143C	N230C	N231C			RIGID	None	None	RIGID	Typical
12	M144C	N232C	N233C			Corner Plate	Beam	RECT	A36 Gr.36	Typical
13	M145C	N233C	N234C			RIGID	None	None	RIGID	Typical
14	M164A	N232C	N229C			Corner Plate	Beam	RECT	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
15	M169A	N258A	N259A			Standoff Horiz...	Beam	SquareTube	A500 Gr.B...	Typical
16	M160A	N252A	N253A			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
17	M161A	N253A	N254A			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
18	M162A	N254A	N255A			RIGID	None	None	RIGID	Typical
19	M163B	N256A	N257A			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
20	M164B	N257A	N258B			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
21	M165B	N258B	N259B			RIGID	None	None	RIGID	Typical
22	M169B	N256A	N265A		90	Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
23	M170B	N266A	N252A		90	Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
24	M171B	N265A	N264A			RIGID	None	None	RIGID	Typical
25	M172A	N266A	N264A			RIGID	None	None	RIGID	Typical
26	M181A	N275A	N273			RIGID	None	None	RIGID	Typical
27	M182A	N276A	N274A			RIGID	None	None	RIGID	Typical
28	M183A	N275A	N276A			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
29	M184A	N279	N277			RIGID	None	None	RIGID	Typical
30	M185A	N280	N278			RIGID	None	None	RIGID	Typical
31	M186A	N279	N280		270	Grating Support	Beam	Single Angle	A36 Gr.36	Typical
32	M94	N139	N140			Mount Pipe	Column	Wide Flange	A53 Gr.B	Typical
33	M95	N137A	N138A			RIGID	None	None	RIGID	Typical
34	M34	N52	N53			Corner Plate	Beam	RECT	A36 Gr.36	Typical
35	M35	N53	N54			RIGID	None	None	RIGID	Typical
36	M36	N55	N56			Corner Plate	Beam	RECT	A36 Gr.36	Typical
37	M37	N56	N57			RIGID	None	None	RIGID	Typical
38	M38	N55	N52			Corner Plate	Beam	RECT	A36 Gr.36	Typical
39	M39	N58	N59			Standoff Horiz...	Beam	SquareTube	A500 Gr.B...	Typical
40	M40	N60	N61			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
41	M41	N61	N62			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
42	M42	N62	N63			RIGID	None	None	RIGID	Typical
43	M43	N64	N65			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
44	M44	N65	N66			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
45	M45	N66	N67			RIGID	None	None	RIGID	Typical
46	M46	N64	N69		90	Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
47	M47	N70	N60		90	Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
48	M48	N69	N68			RIGID	None	None	RIGID	Typical
49	M49	N70	N68			RIGID	None	None	RIGID	Typical
50	M50	N73	N71			RIGID	None	None	RIGID	Typical
51	M51	N74	N72			RIGID	None	None	RIGID	Typical
52	M52	N73	N74			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
53	M53	N77	N75			RIGID	None	None	RIGID	Typical
54	M54	N78	N76			RIGID	None	None	RIGID	Typical
55	M55	N77	N78		270	Grating Support	Beam	Single Angle	A36 Gr.36	Typical
56	M58	N84	N85			Corner Plate	Beam	RECT	A36 Gr.36	Typical
57	M59	N85	N86			RIGID	None	None	RIGID	Typical
58	M60	N87	N88			Corner Plate	Beam	RECT	A36 Gr.36	Typical
59	M61	N88	N89			RIGID	None	None	RIGID	Typical
60	M62	N87	N84			Corner Plate	Beam	RECT	A36 Gr.36	Typical
61	M63	N90	N91			Standoff Horiz...	Beam	SquareTube	A500 Gr.B...	Typical
62	M64	N92	N93			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
63	M65	N93	N94			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
64	M66	N94	N95			RIGID	None	None	RIGID	Typical
65	M67	N96	N97			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
66	M68	N97	N98			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
67	M69	N98	N99			RIGID	None	None	RIGID	Typical
68	M70	N96	N101		90	Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
69	M71	N102	N92		90	Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
70	M72	N101	N100			RIGID	None	None	RIGID	Typical
71	M73	N102	N100			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
72	M74	N105	N103			RIGID	None	None	RIGID	Typical
73	M75	N106	N104			RIGID	None	None	RIGID	Typical
74	M76	N105	N106			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
75	M77	N109	N107			RIGID	None	None	RIGID	Typical
76	M78	N110	N108			RIGID	None	None	RIGID	Typical
77	M79	N109	N110		270	Grating Support	Beam	Single Angle	A36 Gr.36	Typical
78	M82	N115	N114A			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
79	M83	N116	N117			RIGID	None	None	RIGID	Typical
80	MP4B	N118	N119			Mount Pipe	Column	Wide Flange	A53 Gr.B	Typical
81	M85	N120	N121			RIGID	None	None	RIGID	Typical
82	MP3B	N122	N123			Mount Pipe	Column	Wide Flange	A53 Gr.B	Typical
83	M87	N124	N125			RIGID	None	None	RIGID	Typical
84	MP2B	N126	N127			Mount Pipe	Column	Wide Flange	A53 Gr.B	Typical
85	M89	N128	N129			RIGID	None	None	RIGID	Typical
86	MP1B	N130	N131			Mount Pipe	Column	Wide Flange	A53 Gr.B	Typical
87	M91	N134	N133			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
88	M92	N135	N136			RIGID	None	None	RIGID	Typical
89	MP4C	N137	N138			Mount Pipe	Column	Wide Flange	A53 Gr.B	Typical
90	M94A	N139A	N140A			RIGID	None	None	RIGID	Typical
91	MP3C	N141	N142			Mount Pipe	Column	Wide Flange	A53 Gr.B	Typical
92	M96	N143	N144			RIGID	None	None	RIGID	Typical
93	MP2C	N145	N146			Mount Pipe	Column	Wide Flange	A53 Gr.B	Typical
94	M98	N147	N148			RIGID	None	None	RIGID	Typical
95	MP1C	N149	N150			Mount Pipe	Column	Wide Flange	A53 Gr.B	Typical
96	M96A	N142A	N141A			Support Rail	Column	Pipe	A53 Gr.B	Typical
97	M97	N143A	N144A			RIGID	None	None	RIGID	Typical
98	M98A	N145A	N146A			RIGID	None	None	RIGID	Typical
99	M99	N147A	N148A			RIGID	None	None	RIGID	Typical
100	M100	N149A	N150A			RIGID	None	None	RIGID	Typical
101	M101	N153	N152			Support Rail	Column	Pipe	A53 Gr.B	Typical
102	M102	N154	N155			RIGID	None	None	RIGID	Typical
103	M103	N156	N157			RIGID	None	None	RIGID	Typical
104	M104	N158	N159			RIGID	None	None	RIGID	Typical
105	M105	N160	N161			RIGID	None	None	RIGID	Typical
106	M106	N164	N163			Support Rail	Column	Pipe	A53 Gr.B	Typical
107	M107	N165	N166			RIGID	None	None	RIGID	Typical
108	M108	N167	N168			RIGID	None	None	RIGID	Typical
109	M109	N169	N170			RIGID	None	None	RIGID	Typical
110	M110	N171	N172			RIGID	None	None	RIGID	Typical
111	M111	N171A	N173			RIGID	None	None	RIGID	Typical
112	M112	N172A	N174			RIGID	None	None	RIGID	Typical
113	M113	N176	N178			RIGID	None	None	RIGID	Typical
114	M114	N177	N179			RIGID	None	None	RIGID	Typical
115	M115	N181	N183			RIGID	None	None	RIGID	Typical
116	M116	N182	N184			RIGID	None	None	RIGID	Typical
117	M117	N174	N183		90	Support Rail A...	Column	Single Angle	A36 Gr.36	Typical
118	M118	N179	N173		90	Support Rail A...	Column	Single Angle	A36 Gr.36	Typical
119	M119	N184	N178		90	Support Rail A...	Column	Single Angle	A36 Gr.36	Typical

Hot Rolled Steel Design Parameters

	Label	Shape	Length[ft]	Lbyy[ft]	Lbzz[ft]	Lcomp t...	Lcomp b...	L-tor...	Kyy	Kzz	Cb	Function
1	M20	Face Horizontal	12.083			Lbyy						Lateral
2	MP4A	Mount Pipe	5.5									Lateral
3	MP3A	Mount Pipe	6									Lateral
4	MP2A	Mount Pipe	6									Lateral

Hot Rolled Steel Design Parameters (Continued)

	Label	Shape	Length[ft]	Lbyy[ft]	Lbzz[ft]	Lcomp t...	Lcomp b...	L-tor...	Kyy	Kzz	Cb	Function
5	MP1A	Mount Pipe	5.5									Lateral
6	M142C	Corner Plate	.125			Lbyy						Lateral
7	M144C	Corner Plate	.125			Lbyy						Lateral
8	M164A	Corner Plate	1.061			Lbyy						Lateral
9	M169A	Standoff Horizontal	5.167			Lbyy						Lateral
10	M160A	Cross Arm Plate	.188									Lateral
11	M161A	Cross Arm Plate	.167									Lateral
12	M163B	Cross Arm Plate	.188									Lateral
13	M164B	Cross Arm Plate	.167									Lateral
14	M169B	Platform Crossmember	2.515			Lbyy						Lateral
15	M170B	Platform Crossmember	2.515			Lbyy						Lateral
16	M183A	Grating Support	4.184			Lbyy						Lateral
17	M186A	Grating Support	4.184			Lbyy						Lateral
18	M94	Mount Pipe	3									Lateral
19	M34	Corner Plate	.125			Lbyy						Lateral
20	M36	Corner Plate	.125			Lbyy						Lateral
21	M38	Corner Plate	1.061			Lbyy						Lateral
22	M39	Standoff Horizontal	5.167			Lbyy						Lateral
23	M40	Cross Arm Plate	.188									Lateral
24	M41	Cross Arm Plate	.167									Lateral
25	M43	Cross Arm Plate	.188									Lateral
26	M44	Cross Arm Plate	.167									Lateral
27	M46	Platform Crossmember	2.515			Lbyy						Lateral
28	M47	Platform Crossmember	2.515			Lbyy						Lateral
29	M52	Grating Support	4.184			Lbyy						Lateral
30	M55	Grating Support	4.184			Lbyy						Lateral
31	M58	Corner Plate	.125			Lbyy						Lateral
32	M60	Corner Plate	.125			Lbyy						Lateral
33	M62	Corner Plate	1.061			Lbyy						Lateral
34	M63	Standoff Horizontal	5.167			Lbyy						Lateral
35	M64	Cross Arm Plate	.188									Lateral
36	M65	Cross Arm Plate	.167									Lateral
37	M67	Cross Arm Plate	.188									Lateral
38	M68	Cross Arm Plate	.167									Lateral
39	M70	Platform Crossmember	2.515			Lbyy						Lateral
40	M71	Platform Crossmember	2.515			Lbyy						Lateral
41	M76	Grating Support	4.184			Lbyy						Lateral
42	M79	Grating Support	4.184			Lbyy						Lateral
43	M82	Face Horizontal	12.083			Lbyy						Lateral
44	MP4B	Mount Pipe	5.5									Lateral
45	MP3B	Mount Pipe	6									Lateral
46	MP2B	Mount Pipe	6									Lateral
47	MP1B	Mount Pipe	5.5									Lateral
48	M91	Face Horizontal	12.083			Lbyy						Lateral
49	MP4C	Mount Pipe	5.5									Lateral
50	MP3C	Mount Pipe	6									Lateral
51	MP2C	Mount Pipe	6									Lateral
52	MP1C	Mount Pipe	5.5									Lateral
53	M96A	Support Rail	12.5			Lbyy						Lateral
54	M101	Support Rail	12.5			Lbyy						Lateral
55	M106	Support Rail	12.5			Lbyy						Lateral
56	M117	Support Rail Angle	2.122									Lateral
57	M118	Support Rail Angle	2.122									Lateral
58	M119	Support Rail Angle	2.122									Lateral

Member Point Loads (BLC 1 : Antenna D)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	Y	-6	1
2	MP1A	My	-.003	1
3	MP1A	Mz	0	1
4	MP1A	Y	-6	3
5	MP1A	My	-.003	3
6	MP1A	Mz	0	3
7	MP1B	Y	-6	1
8	MP1B	My	.002	1
9	MP1B	Mz	-.003	1
10	MP1B	Y	-6	3
11	MP1B	My	.002	3
12	MP1B	Mz	-.003	3
13	MP1C	Y	-6	1
14	MP1C	My	.002	1
15	MP1C	Mz	.003	1
16	MP1C	Y	-6	3
17	MP1C	My	.002	3
18	MP1C	Mz	.003	3
19	MP4A	Y	-6	1
20	MP4A	My	-.003	1
21	MP4A	Mz	0	1
22	MP4A	Y	-6	3
23	MP4A	My	-.003	3
24	MP4A	Mz	0	3
25	MP4B	Y	-6	1
26	MP4B	My	.002	1
27	MP4B	Mz	-.003	1
28	MP4B	Y	-6	3
29	MP4B	My	.002	3
30	MP4B	Mz	-.003	3
31	MP4C	Y	-6	1
32	MP4C	My	.002	1
33	MP4C	Mz	.003	1
34	MP4C	Y	-6	3
35	MP4C	My	.002	3
36	MP4C	Mz	.003	3
37	MP2A	Y	-21.85	1
38	MP2A	My	-.011	1
39	MP2A	Mz	-.012	1
40	MP2A	Y	-21.85	5
41	MP2A	My	-.011	5
42	MP2A	Mz	-.012	5
43	MP2B	Y	-21.85	1
44	MP2B	My	.016	1
45	MP2B	Mz	-.004	1
46	MP2B	Y	-21.85	5
47	MP2B	My	.016	5
48	MP2B	Mz	-.004	5
49	MP2C	Y	-21.85	1
50	MP2C	My	-.005	1
51	MP2C	Mz	.015	1
52	MP2C	Y	-21.85	5
53	MP2C	My	-.005	5
54	MP2C	Mz	.015	5
55	MP2A	Y	-21.85	1
56	MP2A	My	-.011	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
57	MP2A	Mz	.012	1
58	MP2A	Y	-21.85	5
59	MP2A	My	-.011	5
60	MP2A	Mz	.012	5
61	MP2B	Y	-21.85	1
62	MP2B	My	-.005	1
63	MP2B	Mz	-.015	1
64	MP2B	Y	-21.85	5
65	MP2B	My	-.005	5
66	MP2B	Mz	-.015	5
67	MP2C	Y	-21.85	1
68	MP2C	My	.016	1
69	MP2C	Mz	.004	1
70	MP2C	Y	-21.85	5
71	MP2C	My	.016	5
72	MP2C	Mz	.004	5
73	MP3A	Y	-43.55	2
74	MP3A	My	-.022	2
75	MP3A	Mz	0	2
76	MP3A	Y	-43.55	4
77	MP3A	My	-.022	4
78	MP3A	Mz	0	4
79	MP3B	Y	-43.55	2
80	MP3B	My	.011	2
81	MP3B	Mz	-.019	2
82	MP3B	Y	-43.55	4
83	MP3B	My	.011	4
84	MP3B	Mz	-.019	4
85	MP3C	Y	-43.55	2
86	MP3C	My	.011	2
87	MP3C	Mz	.019	2
88	MP3C	Y	-43.55	4
89	MP3C	My	.011	4
90	MP3C	Mz	.019	4
91	M94	Y	-32	1
92	M94	My	0	1
93	M94	Mz	0	1
94	MP1A	Y	-74.7	3
95	MP1A	My	.037	3
96	MP1A	Mz	0	3
97	MP1B	Y	-74.7	3
98	MP1B	My	.037	3
99	MP1B	Mz	0	3
100	MP1C	Y	-74.7	3
101	MP1C	My	.037	3
102	MP1C	Mz	0	3
103	MP2A	Y	-74.7	3
104	MP2A	My	.037	3
105	MP2A	Mz	0	3
106	MP2B	Y	-74.7	3
107	MP2B	My	-.019	3
108	MP2B	Mz	.032	3
109	MP2C	Y	-74.7	3
110	MP2C	My	-.019	3
111	MP2C	Mz	-.032	3

Member Point Loads (BLC 2 : Antenna Di)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP1A	Y	-39.478	1
2	MP1A	My	-.02	1
3	MP1A	Mz	0	1
4	MP1A	Y	-39.478	3
5	MP1A	My	-.02	3
6	MP1A	Mz	0	3
7	MP1B	Y	-39.478	1
8	MP1B	My	.01	1
9	MP1B	Mz	-.017	1
10	MP1B	Y	-39.478	3
11	MP1B	My	.01	3
12	MP1B	Mz	-.017	3
13	MP1C	Y	-39.478	1
14	MP1C	My	.01	1
15	MP1C	Mz	.017	1
16	MP1C	Y	-39.478	3
17	MP1C	My	.01	3
18	MP1C	Mz	.017	3
19	MP4A	Y	-39.478	1
20	MP4A	My	-.02	1
21	MP4A	Mz	0	1
22	MP4A	Y	-39.478	3
23	MP4A	My	-.02	3
24	MP4A	Mz	0	3
25	MP4B	Y	-39.478	1
26	MP4B	My	.01	1
27	MP4B	Mz	-.017	1
28	MP4B	Y	-39.478	3
29	MP4B	My	.01	3
30	MP4B	Mz	-.017	3
31	MP4C	Y	-39.478	1
32	MP4C	My	.01	1
33	MP4C	Mz	.017	1
34	MP4C	Y	-39.478	3
35	MP4C	My	.01	3
36	MP4C	Mz	.017	3
37	MP2A	Y	-59.375	1
38	MP2A	My	-.03	1
39	MP2A	Mz	-.032	1
40	MP2A	Y	-59.375	5
41	MP2A	My	-.03	5
42	MP2A	Mz	-.032	5
43	MP2B	Y	-59.375	1
44	MP2B	My	.043	1
45	MP2B	Mz	-.01	1
46	MP2B	Y	-59.375	5
47	MP2B	My	.043	5
48	MP2B	Mz	-.01	5
49	MP2C	Y	-59.375	1
50	MP2C	My	-.013	1
51	MP2C	Mz	.042	1
52	MP2C	Y	-59.375	5
53	MP2C	My	-.013	5
54	MP2C	Mz	.042	5
55	MP2A	Y	-59.375	1
56	MP2A	My	-.03	1
57	MP2A	Mz	.032	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft, %]
58	MP2A	Y	-59.375	5
59	MP2A	My	-.03	5
60	MP2A	Mz	.032	5
61	MP2B	Y	-59.375	1
62	MP2B	My	-.013	1
63	MP2B	Mz	-.042	1
64	MP2B	Y	-59.375	5
65	MP2B	My	-.013	5
66	MP2B	Mz	-.042	5
67	MP2C	Y	-59.375	1
68	MP2C	My	.043	1
69	MP2C	Mz	.01	1
70	MP2C	Y	-59.375	5
71	MP2C	My	.043	5
72	MP2C	Mz	.01	5
73	MP3A	Y	-34.892	2
74	MP3A	My	-.017	2
75	MP3A	Mz	0	2
76	MP3A	Y	-34.892	4
77	MP3A	My	-.017	4
78	MP3A	Mz	0	4
79	MP3B	Y	-34.892	2
80	MP3B	My	.009	2
81	MP3B	Mz	-.015	2
82	MP3B	Y	-34.892	4
83	MP3B	My	.009	4
84	MP3B	Mz	-.015	4
85	MP3C	Y	-34.892	2
86	MP3C	My	.009	2
87	MP3C	Mz	.015	2
88	MP3C	Y	-34.892	4
89	MP3C	My	.009	4
90	MP3C	Mz	.015	4
91	M94	Y	-86.161	1
92	M94	My	0	1
93	M94	Mz	0	1
94	MP1A	Y	-43.977	3
95	MP1A	My	.022	3
96	MP1A	Mz	0	3
97	MP1B	Y	-43.977	3
98	MP1B	My	.022	3
99	MP1B	Mz	0	3
100	MP1C	Y	-43.977	3
101	MP1C	My	.022	3
102	MP1C	Mz	0	3
103	MP2A	Y	-43.977	3
104	MP2A	My	.022	3
105	MP2A	Mz	0	3
106	MP2B	Y	-43.977	3
107	MP2B	My	-.011	3
108	MP2B	Mz	.019	3
109	MP2C	Y	-43.977	3
110	MP2C	My	-.011	3
111	MP2C	Mz	-.019	3

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

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

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP1A	X	0	1
2	MP1A	Z	-41.942	1
3	MP1A	Mx	0	1
4	MP1A	X	0	3
5	MP1A	Z	-41.942	3
6	MP1A	Mx	0	3
7	MP1B	X	0	1
8	MP1B	Z	-75.554	1
9	MP1B	Mx	.033	1
10	MP1B	X	0	3
11	MP1B	Z	-75.554	3
12	MP1B	Mx	.033	3
13	MP1C	X	0	1
14	MP1C	Z	-75.554	1
15	MP1C	Mx	-.033	1
16	MP1C	X	0	3
17	MP1C	Z	-75.554	3
18	MP1C	Mx	-.033	3
19	MP4A	X	0	1
20	MP4A	Z	-41.942	1
21	MP4A	Mx	0	1
22	MP4A	X	0	3
23	MP4A	Z	-41.942	3
24	MP4A	Mx	0	3
25	MP4B	X	0	1
26	MP4B	Z	-75.554	1
27	MP4B	Mx	.033	1
28	MP4B	X	0	3
29	MP4B	Z	-75.554	3
30	MP4B	Mx	.033	3
31	MP4C	X	0	1
32	MP4C	Z	-75.554	1
33	MP4C	Mx	-.033	1
34	MP4C	X	0	3
35	MP4C	Z	-75.554	3
36	MP4C	Mx	-.033	3
37	MP2A	X	0	1
38	MP2A	Z	-129.843	1
39	MP2A	Mx	.07	1
40	MP2A	X	0	5
41	MP2A	Z	-129.843	5
42	MP2A	Mx	.07	5
43	MP2B	X	0	1
44	MP2B	Z	-96.84	1
45	MP2B	Mx	.016	1
46	MP2B	X	0	5
47	MP2B	Z	-96.84	5
48	MP2B	Mx	.016	5
49	MP2C	X	0	1
50	MP2C	Z	-96.84	1
51	MP2C	Mx	-.068	1
52	MP2C	X	0	5
53	MP2C	Z	-96.84	5
54	MP2C	Mx	-.068	5
55	MP2A	X	0	1
56	MP2A	Z	-129.843	1
57	MP2A	Mx	-.07	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
58	MP2A	X	0	5
59	MP2A	Z	-129.843	5
60	MP2A	Mx	-.07	5
61	MP2B	X	0	1
62	MP2B	Z	-96.84	1
63	MP2B	Mx	.068	1
64	MP2B	X	0	5
65	MP2B	Z	-96.84	5
66	MP2B	Mx	.068	5
67	MP2C	X	0	1
68	MP2C	Z	-96.84	1
69	MP2C	Mx	-.016	1
70	MP2C	X	0	5
71	MP2C	Z	-96.84	5
72	MP2C	Mx	-.016	5
73	MP3A	X	0	2
74	MP3A	Z	-75.527	2
75	MP3A	Mx	0	2
76	MP3A	X	0	4
77	MP3A	Z	-75.527	4
78	MP3A	Mx	0	4
79	MP3B	X	0	2
80	MP3B	Z	-41.059	2
81	MP3B	Mx	.018	2
82	MP3B	X	0	4
83	MP3B	Z	-41.059	4
84	MP3B	Mx	.018	4
85	MP3C	X	0	2
86	MP3C	Z	-41.059	2
87	MP3C	Mx	-.018	2
88	MP3C	X	0	4
89	MP3C	Z	-41.059	4
90	MP3C	Mx	-.018	4
91	M94	X	0	1
92	M94	Z	-130.486	1
93	M94	Mx	0	1
94	MP1A	X	0	3
95	MP1A	Z	-60.101	3
96	MP1A	Mx	0	3
97	MP1B	X	0	3
98	MP1B	Z	-60.101	3
99	MP1B	Mx	0	3
100	MP1C	X	0	3
101	MP1C	Z	-60.101	3
102	MP1C	Mx	0	3
103	MP2A	X	0	3
104	MP2A	Z	-60.101	3
105	MP2A	Mx	0	3
106	MP2B	X	0	3
107	MP2B	Z	-45.156	3
108	MP2B	Mx	-.02	3
109	MP2C	X	0	3
110	MP2C	Z	-45.156	3
111	MP2C	Mx	.02	3

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

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP1A	X	26.573	1
2	MP1A	Z	-46.026	1
3	MP1A	Mx	-.013	1
4	MP1A	X	26.573	3
5	MP1A	Z	-46.026	3
6	MP1A	Mx	-.013	3
7	MP1B	X	43.379	1
8	MP1B	Z	-75.135	1
9	MP1B	Mx	.043	1
10	MP1B	X	43.379	3
11	MP1B	Z	-75.135	3
12	MP1B	Mx	.043	3
13	MP1C	X	26.573	1
14	MP1C	Z	-46.026	1
15	MP1C	Mx	-.013	1
16	MP1C	X	26.573	3
17	MP1C	Z	-46.026	3
18	MP1C	Mx	-.013	3
19	MP4A	X	26.573	1
20	MP4A	Z	-46.026	1
21	MP4A	Mx	-.013	1
22	MP4A	X	26.573	3
23	MP4A	Z	-46.026	3
24	MP4A	Mx	-.013	3
25	MP4B	X	43.379	1
26	MP4B	Z	-75.135	1
27	MP4B	Mx	.043	1
28	MP4B	X	43.379	3
29	MP4B	Z	-75.135	3
30	MP4B	Mx	.043	3
31	MP4C	X	26.573	1
32	MP4C	Z	-46.026	1
33	MP4C	Mx	-.013	1
34	MP4C	X	26.573	3
35	MP4C	Z	-46.026	3
36	MP4C	Mx	-.013	3
37	MP2A	X	59.421	1
38	MP2A	Z	-102.92	1
39	MP2A	Mx	.026	1
40	MP2A	X	59.421	5
41	MP2A	Z	-102.92	5
42	MP2A	Mx	.026	5
43	MP2B	X	42.919	1
44	MP2B	Z	-74.339	1
45	MP2B	Mx	.043	1
46	MP2B	X	42.919	5
47	MP2B	Z	-74.339	5
48	MP2B	Mx	.043	5
49	MP2C	X	59.421	1
50	MP2C	Z	-102.92	1
51	MP2C	Mx	-.085	1
52	MP2C	X	59.421	5
53	MP2C	Z	-102.92	5
54	MP2C	Mx	-.085	5
55	MP2A	X	59.421	1
56	MP2A	Z	-102.92	1
57	MP2A	Mx	-.085	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft, %]
58	MP2A	X	59.421	5
59	MP2A	Z	-102.92	5
60	MP2A	Mx	-.085	5
61	MP2B	X	42.919	1
62	MP2B	Z	-74.339	1
63	MP2B	Mx	.043	1
64	MP2B	X	42.919	5
65	MP2B	Z	-74.339	5
66	MP2B	Mx	.043	5
67	MP2C	X	59.421	1
68	MP2C	Z	-102.92	1
69	MP2C	Mx	.026	1
70	MP2C	X	59.421	5
71	MP2C	Z	-102.92	5
72	MP2C	Mx	.026	5
73	MP3A	X	32.019	2
74	MP3A	Z	-55.458	2
75	MP3A	Mx	-.016	2
76	MP3A	X	32.019	4
77	MP3A	Z	-55.458	4
78	MP3A	Mx	-.016	4
79	MP3B	X	14.784	2
80	MP3B	Z	-25.607	2
81	MP3B	Mx	.015	2
82	MP3B	X	14.784	4
83	MP3B	Z	-25.607	4
84	MP3B	Mx	.015	4
85	MP3C	X	32.019	2
86	MP3C	Z	-55.458	2
87	MP3C	Mx	-.016	2
88	MP3C	X	32.019	4
89	MP3C	Z	-55.458	4
90	MP3C	Mx	-.016	4
91	M94	X	61.376	1
92	M94	Z	-106.307	1
93	M94	Mx	0	1
94	MP1A	X	27.559	3
95	MP1A	Z	-47.734	3
96	MP1A	Mx	.014	3
97	MP1B	X	27.559	3
98	MP1B	Z	-47.734	3
99	MP1B	Mx	.014	3
100	MP1C	X	27.559	3
101	MP1C	Z	-47.734	3
102	MP1C	Mx	.014	3
103	MP2A	X	27.559	3
104	MP2A	Z	-47.734	3
105	MP2A	Mx	.014	3
106	MP2B	X	20.087	3
107	MP2B	Z	-34.792	3
108	MP2B	Mx	-.02	3
109	MP2C	X	27.559	3
110	MP2C	Z	-47.734	3
111	MP2C	Mx	.014	3

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

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP1A	X	65.432	1
2	MP1A	Z	-37.777	1
3	MP1A	Mx	-.033	1
4	MP1A	X	65.432	3
5	MP1A	Z	-37.777	3
6	MP1A	Mx	-.033	3
7	MP1B	X	65.432	1
8	MP1B	Z	-37.777	1
9	MP1B	Mx	.033	1
10	MP1B	X	65.432	3
11	MP1B	Z	-37.777	3
12	MP1B	Mx	.033	3
13	MP1C	X	36.323	1
14	MP1C	Z	-20.971	1
15	MP1C	Mx	0	1
16	MP1C	X	36.323	3
17	MP1C	Z	-20.971	3
18	MP1C	Mx	0	3
19	MP4A	X	65.432	1
20	MP4A	Z	-37.777	1
21	MP4A	Mx	-.033	1
22	MP4A	X	65.432	3
23	MP4A	Z	-37.777	3
24	MP4A	Mx	-.033	3
25	MP4B	X	65.432	1
26	MP4B	Z	-37.777	1
27	MP4B	Mx	.033	1
28	MP4B	X	65.432	3
29	MP4B	Z	-37.777	3
30	MP4B	Mx	.033	3
31	MP4C	X	36.323	1
32	MP4C	Z	-20.971	1
33	MP4C	Mx	0	1
34	MP4C	X	36.323	3
35	MP4C	Z	-20.971	3
36	MP4C	Mx	0	3
37	MP2A	X	83.866	1
38	MP2A	Z	-48.42	1
39	MP2A	Mx	-.016	1
40	MP2A	X	83.866	5
41	MP2A	Z	-48.42	5
42	MP2A	Mx	-.016	5
43	MP2B	X	83.866	1
44	MP2B	Z	-48.42	1
45	MP2B	Mx	.068	1
46	MP2B	X	83.866	5
47	MP2B	Z	-48.42	5
48	MP2B	Mx	.068	5
49	MP2C	X	112.447	1
50	MP2C	Z	-64.921	1
51	MP2C	Mx	-.07	1
52	MP2C	X	112.447	5
53	MP2C	Z	-64.921	5
54	MP2C	Mx	-.07	5
55	MP2A	X	83.866	1
56	MP2A	Z	-48.42	1
57	MP2A	Mx	-.068	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
58	MP2A	X	83.866	5
59	MP2A	Z	-48.42	5
60	MP2A	Mx	-.068	5
61	MP2B	X	83.866	1
62	MP2B	Z	-48.42	1
63	MP2B	Mx	.016	1
64	MP2B	X	83.866	5
65	MP2B	Z	-48.42	5
66	MP2B	Mx	.016	5
67	MP2C	X	112.447	1
68	MP2C	Z	-64.921	1
69	MP2C	Mx	.07	1
70	MP2C	X	112.447	5
71	MP2C	Z	-64.921	5
72	MP2C	Mx	.07	5
73	MP3A	X	35.558	2
74	MP3A	Z	-20.529	2
75	MP3A	Mx	-.018	2
76	MP3A	X	35.558	4
77	MP3A	Z	-20.529	4
78	MP3A	Mx	-.018	4
79	MP3B	X	35.558	2
80	MP3B	Z	-20.529	2
81	MP3B	Mx	.018	2
82	MP3B	X	35.558	4
83	MP3B	Z	-20.529	4
84	MP3B	Mx	.018	4
85	MP3C	X	65.409	2
86	MP3C	Z	-37.764	2
87	MP3C	Mx	0	2
88	MP3C	X	65.409	4
89	MP3C	Z	-37.764	4
90	MP3C	Mx	0	4
91	M94	X	92.912	1
92	M94	Z	-53.643	1
93	M94	Mx	0	1
94	MP1A	X	39.106	3
95	MP1A	Z	-22.578	3
96	MP1A	Mx	.02	3
97	MP1B	X	39.106	3
98	MP1B	Z	-22.578	3
99	MP1B	Mx	.02	3
100	MP1C	X	39.106	3
101	MP1C	Z	-22.578	3
102	MP1C	Mx	.02	3
103	MP2A	X	39.106	3
104	MP2A	Z	-22.578	3
105	MP2A	Mx	.02	3
106	MP2B	X	39.106	3
107	MP2B	Z	-22.578	3
108	MP2B	Mx	-.02	3
109	MP2C	X	52.049	3
110	MP2C	Z	-30.05	3
111	MP2C	Mx	0	3

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

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP1A	X	86.758	1
2	MP1A	Z	0	1
3	MP1A	Mx	-.043	1
4	MP1A	X	86.758	3
5	MP1A	Z	0	3
6	MP1A	Mx	-.043	3
7	MP1B	X	53.146	1
8	MP1B	Z	0	1
9	MP1B	Mx	.013	1
10	MP1B	X	53.146	3
11	MP1B	Z	0	3
12	MP1B	Mx	.013	3
13	MP1C	X	53.146	1
14	MP1C	Z	0	1
15	MP1C	Mx	.013	1
16	MP1C	X	53.146	3
17	MP1C	Z	0	3
18	MP1C	Mx	.013	3
19	MP4A	X	86.758	1
20	MP4A	Z	0	1
21	MP4A	Mx	-.043	1
22	MP4A	X	86.758	3
23	MP4A	Z	0	3
24	MP4A	Mx	-.043	3
25	MP4B	X	53.146	1
26	MP4B	Z	0	1
27	MP4B	Mx	.013	1
28	MP4B	X	53.146	3
29	MP4B	Z	0	3
30	MP4B	Mx	.013	3
31	MP4C	X	53.146	1
32	MP4C	Z	0	1
33	MP4C	Mx	.013	1
34	MP4C	X	53.146	3
35	MP4C	Z	0	3
36	MP4C	Mx	.013	3
37	MP2A	X	85.839	1
38	MP2A	Z	0	1
39	MP2A	Mx	-.043	1
40	MP2A	X	85.839	5
41	MP2A	Z	0	5
42	MP2A	Mx	-.043	5
43	MP2B	X	118.842	1
44	MP2B	Z	0	1
45	MP2B	Mx	.085	1
46	MP2B	X	118.842	5
47	MP2B	Z	0	5
48	MP2B	Mx	.085	5
49	MP2C	X	118.842	1
50	MP2C	Z	0	1
51	MP2C	Mx	-.026	1
52	MP2C	X	118.842	5
53	MP2C	Z	0	5
54	MP2C	Mx	-.026	5
55	MP2A	X	85.839	1
56	MP2A	Z	0	1
57	MP2A	Mx	-.043	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft, %]
58	MP2A	X	85.839	5
59	MP2A	Z	0	5
60	MP2A	Mx	-.043	5
61	MP2B	X	118.842	1
62	MP2B	Z	0	1
63	MP2B	Mx	-.026	1
64	MP2B	X	118.842	5
65	MP2B	Z	0	5
66	MP2B	Mx	-.026	5
67	MP2C	X	118.842	1
68	MP2C	Z	0	1
69	MP2C	Mx	.085	1
70	MP2C	X	118.842	5
71	MP2C	Z	0	5
72	MP2C	Mx	.085	5
73	MP3A	X	29.569	2
74	MP3A	Z	0	2
75	MP3A	Mx	-.015	2
76	MP3A	X	29.569	4
77	MP3A	Z	0	4
78	MP3A	Mx	-.015	4
79	MP3B	X	64.038	2
80	MP3B	Z	0	2
81	MP3B	Mx	.016	2
82	MP3B	X	64.038	4
83	MP3B	Z	0	4
84	MP3B	Mx	.016	4
85	MP3C	X	64.038	2
86	MP3C	Z	0	2
87	MP3C	Mx	.016	2
88	MP3C	X	64.038	4
89	MP3C	Z	0	4
90	MP3C	Mx	.016	4
91	M94	X	99.552	1
92	M94	Z	0	1
93	M94	Mx	0	1
94	MP1A	X	40.174	3
95	MP1A	Z	0	3
96	MP1A	Mx	.02	3
97	MP1B	X	40.174	3
98	MP1B	Z	0	3
99	MP1B	Mx	.02	3
100	MP1C	X	40.174	3
101	MP1C	Z	0	3
102	MP1C	Mx	.02	3
103	MP2A	X	40.174	3
104	MP2A	Z	0	3
105	MP2A	Mx	.02	3
106	MP2B	X	55.119	3
107	MP2B	Z	0	3
108	MP2B	Mx	-.014	3
109	MP2C	X	55.119	3
110	MP2C	Z	0	3
111	MP2C	Mx	-.014	3

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

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP1A	X	65.432	1
2	MP1A	Z	37.777	1
3	MP1A	Mx	-.033	1
4	MP1A	X	65.432	3
5	MP1A	Z	37.777	3
6	MP1A	Mx	-.033	3
7	MP1B	X	36.323	1
8	MP1B	Z	20.971	1
9	MP1B	Mx	0	1
10	MP1B	X	36.323	3
11	MP1B	Z	20.971	3
12	MP1B	Mx	0	3
13	MP1C	X	65.432	1
14	MP1C	Z	37.777	1
15	MP1C	Mx	.033	1
16	MP1C	X	65.432	3
17	MP1C	Z	37.777	3
18	MP1C	Mx	.033	3
19	MP4A	X	65.432	1
20	MP4A	Z	37.777	1
21	MP4A	Mx	-.033	1
22	MP4A	X	65.432	3
23	MP4A	Z	37.777	3
24	MP4A	Mx	-.033	3
25	MP4B	X	36.323	1
26	MP4B	Z	20.971	1
27	MP4B	Mx	0	1
28	MP4B	X	36.323	3
29	MP4B	Z	20.971	3
30	MP4B	Mx	0	3
31	MP4C	X	65.432	1
32	MP4C	Z	37.777	1
33	MP4C	Mx	.033	1
34	MP4C	X	65.432	3
35	MP4C	Z	37.777	3
36	MP4C	Mx	.033	3
37	MP2A	X	83.866	1
38	MP2A	Z	48.42	1
39	MP2A	Mx	-.068	1
40	MP2A	X	83.866	5
41	MP2A	Z	48.42	5
42	MP2A	Mx	-.068	5
43	MP2B	X	112.447	1
44	MP2B	Z	64.921	1
45	MP2B	Mx	.07	1
46	MP2B	X	112.447	5
47	MP2B	Z	64.921	5
48	MP2B	Mx	.07	5
49	MP2C	X	83.866	1
50	MP2C	Z	48.42	1
51	MP2C	Mx	.016	1
52	MP2C	X	83.866	5
53	MP2C	Z	48.42	5
54	MP2C	Mx	.016	5
55	MP2A	X	83.866	1
56	MP2A	Z	48.42	1
57	MP2A	Mx	-.016	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
58	MP2A	X	83.866	5
59	MP2A	Z	48.42	5
60	MP2A	Mx	-.016	5
61	MP2B	X	112.447	1
62	MP2B	Z	64.921	1
63	MP2B	Mx	-.07	1
64	MP2B	X	112.447	5
65	MP2B	Z	64.921	5
66	MP2B	Mx	-.07	5
67	MP2C	X	83.866	1
68	MP2C	Z	48.42	1
69	MP2C	Mx	.068	1
70	MP2C	X	83.866	5
71	MP2C	Z	48.42	5
72	MP2C	Mx	.068	5
73	MP3A	X	35.558	2
74	MP3A	Z	20.529	2
75	MP3A	Mx	-.018	2
76	MP3A	X	35.558	4
77	MP3A	Z	20.529	4
78	MP3A	Mx	-.018	4
79	MP3B	X	65.409	2
80	MP3B	Z	37.764	2
81	MP3B	Mx	0	2
82	MP3B	X	65.409	4
83	MP3B	Z	37.764	4
84	MP3B	Mx	0	4
85	MP3C	X	35.558	2
86	MP3C	Z	20.529	2
87	MP3C	Mx	.018	2
88	MP3C	X	35.558	4
89	MP3C	Z	20.529	4
90	MP3C	Mx	.018	4
91	M94	X	92.912	1
92	M94	Z	53.643	1
93	M94	Mx	0	1
94	MP1A	X	39.106	3
95	MP1A	Z	22.578	3
96	MP1A	Mx	.02	3
97	MP1B	X	39.106	3
98	MP1B	Z	22.578	3
99	MP1B	Mx	.02	3
100	MP1C	X	39.106	3
101	MP1C	Z	22.578	3
102	MP1C	Mx	.02	3
103	MP2A	X	39.106	3
104	MP2A	Z	22.578	3
105	MP2A	Mx	.02	3
106	MP2B	X	52.049	3
107	MP2B	Z	30.05	3
108	MP2B	Mx	0	3
109	MP2C	X	39.106	3
110	MP2C	Z	22.578	3
111	MP2C	Mx	-.02	3

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

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP1A	X	26.573	1
2	MP1A	Z	46.026	1
3	MP1A	Mx	-.013	1
4	MP1A	X	26.573	3
5	MP1A	Z	46.026	3
6	MP1A	Mx	-.013	3
7	MP1B	X	26.573	1
8	MP1B	Z	46.026	1
9	MP1B	Mx	-.013	1
10	MP1B	X	26.573	3
11	MP1B	Z	46.026	3
12	MP1B	Mx	-.013	3
13	MP1C	X	43.379	1
14	MP1C	Z	75.135	1
15	MP1C	Mx	.043	1
16	MP1C	X	43.379	3
17	MP1C	Z	75.135	3
18	MP1C	Mx	.043	3
19	MP4A	X	26.573	1
20	MP4A	Z	46.026	1
21	MP4A	Mx	-.013	1
22	MP4A	X	26.573	3
23	MP4A	Z	46.026	3
24	MP4A	Mx	-.013	3
25	MP4B	X	26.573	1
26	MP4B	Z	46.026	1
27	MP4B	Mx	-.013	1
28	MP4B	X	26.573	3
29	MP4B	Z	46.026	3
30	MP4B	Mx	-.013	3
31	MP4C	X	43.379	1
32	MP4C	Z	75.135	1
33	MP4C	Mx	.043	1
34	MP4C	X	43.379	3
35	MP4C	Z	75.135	3
36	MP4C	Mx	.043	3
37	MP2A	X	59.421	1
38	MP2A	Z	102.92	1
39	MP2A	Mx	-.085	1
40	MP2A	X	59.421	5
41	MP2A	Z	102.92	5
42	MP2A	Mx	-.085	5
43	MP2B	X	59.421	1
44	MP2B	Z	102.92	1
45	MP2B	Mx	.026	1
46	MP2B	X	59.421	5
47	MP2B	Z	102.92	5
48	MP2B	Mx	.026	5
49	MP2C	X	42.919	1
50	MP2C	Z	74.339	1
51	MP2C	Mx	.043	1
52	MP2C	X	42.919	5
53	MP2C	Z	74.339	5
54	MP2C	Mx	.043	5
55	MP2A	X	59.421	1
56	MP2A	Z	102.92	1
57	MP2A	Mx	.026	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft, %]
58	MP2A	X	59.421	5
59	MP2A	Z	102.92	5
60	MP2A	Mx	.026	5
61	MP2B	X	59.421	1
62	MP2B	Z	102.92	1
63	MP2B	Mx	-.085	1
64	MP2B	X	59.421	5
65	MP2B	Z	102.92	5
66	MP2B	Mx	-.085	5
67	MP2C	X	42.919	1
68	MP2C	Z	74.339	1
69	MP2C	Mx	.043	1
70	MP2C	X	42.919	5
71	MP2C	Z	74.339	5
72	MP2C	Mx	.043	5
73	MP3A	X	32.019	2
74	MP3A	Z	55.458	2
75	MP3A	Mx	-.016	2
76	MP3A	X	32.019	4
77	MP3A	Z	55.458	4
78	MP3A	Mx	-.016	4
79	MP3B	X	32.019	2
80	MP3B	Z	55.458	2
81	MP3B	Mx	-.016	2
82	MP3B	X	32.019	4
83	MP3B	Z	55.458	4
84	MP3B	Mx	-.016	4
85	MP3C	X	14.784	2
86	MP3C	Z	25.607	2
87	MP3C	Mx	.015	2
88	MP3C	X	14.784	4
89	MP3C	Z	25.607	4
90	MP3C	Mx	.015	4
91	M94	X	61.376	1
92	M94	Z	106.307	1
93	M94	Mx	0	1
94	MP1A	X	27.559	3
95	MP1A	Z	47.734	3
96	MP1A	Mx	.014	3
97	MP1B	X	27.559	3
98	MP1B	Z	47.734	3
99	MP1B	Mx	.014	3
100	MP1C	X	27.559	3
101	MP1C	Z	47.734	3
102	MP1C	Mx	.014	3
103	MP2A	X	27.559	3
104	MP2A	Z	47.734	3
105	MP2A	Mx	.014	3
106	MP2B	X	27.559	3
107	MP2B	Z	47.734	3
108	MP2B	Mx	.014	3
109	MP2C	X	20.087	3
110	MP2C	Z	34.792	3
111	MP2C	Mx	-.02	3

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

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP1A	X	0	1
2	MP1A	Z	41.942	1
3	MP1A	Mx	0	1
4	MP1A	X	0	3
5	MP1A	Z	41.942	3
6	MP1A	Mx	0	3
7	MP1B	X	0	1
8	MP1B	Z	75.554	1
9	MP1B	Mx	-.033	1
10	MP1B	X	0	3
11	MP1B	Z	75.554	3
12	MP1B	Mx	-.033	3
13	MP1C	X	0	1
14	MP1C	Z	75.554	1
15	MP1C	Mx	.033	1
16	MP1C	X	0	3
17	MP1C	Z	75.554	3
18	MP1C	Mx	.033	3
19	MP4A	X	0	1
20	MP4A	Z	41.942	1
21	MP4A	Mx	0	1
22	MP4A	X	0	3
23	MP4A	Z	41.942	3
24	MP4A	Mx	0	3
25	MP4B	X	0	1
26	MP4B	Z	75.554	1
27	MP4B	Mx	-.033	1
28	MP4B	X	0	3
29	MP4B	Z	75.554	3
30	MP4B	Mx	-.033	3
31	MP4C	X	0	1
32	MP4C	Z	75.554	1
33	MP4C	Mx	.033	1
34	MP4C	X	0	3
35	MP4C	Z	75.554	3
36	MP4C	Mx	.033	3
37	MP2A	X	0	1
38	MP2A	Z	129.843	1
39	MP2A	Mx	-.07	1
40	MP2A	X	0	5
41	MP2A	Z	129.843	5
42	MP2A	Mx	-.07	5
43	MP2B	X	0	1
44	MP2B	Z	96.84	1
45	MP2B	Mx	-.016	1
46	MP2B	X	0	5
47	MP2B	Z	96.84	5
48	MP2B	Mx	-.016	5
49	MP2C	X	0	1
50	MP2C	Z	96.84	1
51	MP2C	Mx	.068	1
52	MP2C	X	0	5
53	MP2C	Z	96.84	5
54	MP2C	Mx	.068	5
55	MP2A	X	0	1
56	MP2A	Z	129.843	1
57	MP2A	Mx	.07	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
58	MP2A	X	0	5
59	MP2A	Z	129.843	5
60	MP2A	Mx	.07	5
61	MP2B	X	0	1
62	MP2B	Z	96.84	1
63	MP2B	Mx	-.068	1
64	MP2B	X	0	5
65	MP2B	Z	96.84	5
66	MP2B	Mx	-.068	5
67	MP2C	X	0	1
68	MP2C	Z	96.84	1
69	MP2C	Mx	.016	1
70	MP2C	X	0	5
71	MP2C	Z	96.84	5
72	MP2C	Mx	.016	5
73	MP3A	X	0	2
74	MP3A	Z	75.527	2
75	MP3A	Mx	0	2
76	MP3A	X	0	4
77	MP3A	Z	75.527	4
78	MP3A	Mx	0	4
79	MP3B	X	0	2
80	MP3B	Z	41.059	2
81	MP3B	Mx	-.018	2
82	MP3B	X	0	4
83	MP3B	Z	41.059	4
84	MP3B	Mx	-.018	4
85	MP3C	X	0	2
86	MP3C	Z	41.059	2
87	MP3C	Mx	.018	2
88	MP3C	X	0	4
89	MP3C	Z	41.059	4
90	MP3C	Mx	.018	4
91	M94	X	0	1
92	M94	Z	130.486	1
93	M94	Mx	0	1
94	MP1A	X	0	3
95	MP1A	Z	60.101	3
96	MP1A	Mx	0	3
97	MP1B	X	0	3
98	MP1B	Z	60.101	3
99	MP1B	Mx	0	3
100	MP1C	X	0	3
101	MP1C	Z	60.101	3
102	MP1C	Mx	0	3
103	MP2A	X	0	3
104	MP2A	Z	60.101	3
105	MP2A	Mx	0	3
106	MP2B	X	0	3
107	MP2B	Z	45.156	3
108	MP2B	Mx	.02	3
109	MP2C	X	0	3
110	MP2C	Z	45.156	3
111	MP2C	Mx	-.02	3

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

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP1A	X	-26.573	1
2	MP1A	Z	46.026	1
3	MP1A	Mx	.013	1
4	MP1A	X	-26.573	3
5	MP1A	Z	46.026	3
6	MP1A	Mx	.013	3
7	MP1B	X	-43.379	1
8	MP1B	Z	75.135	1
9	MP1B	Mx	-.043	1
10	MP1B	X	-43.379	3
11	MP1B	Z	75.135	3
12	MP1B	Mx	-.043	3
13	MP1C	X	-26.573	1
14	MP1C	Z	46.026	1
15	MP1C	Mx	.013	1
16	MP1C	X	-26.573	3
17	MP1C	Z	46.026	3
18	MP1C	Mx	.013	3
19	MP4A	X	-26.573	1
20	MP4A	Z	46.026	1
21	MP4A	Mx	.013	1
22	MP4A	X	-26.573	3
23	MP4A	Z	46.026	3
24	MP4A	Mx	.013	3
25	MP4B	X	-43.379	1
26	MP4B	Z	75.135	1
27	MP4B	Mx	-.043	1
28	MP4B	X	-43.379	3
29	MP4B	Z	75.135	3
30	MP4B	Mx	-.043	3
31	MP4C	X	-26.573	1
32	MP4C	Z	46.026	1
33	MP4C	Mx	.013	1
34	MP4C	X	-26.573	3
35	MP4C	Z	46.026	3
36	MP4C	Mx	.013	3
37	MP2A	X	-59.421	1
38	MP2A	Z	102.92	1
39	MP2A	Mx	-.026	1
40	MP2A	X	-59.421	5
41	MP2A	Z	102.92	5
42	MP2A	Mx	-.026	5
43	MP2B	X	-42.919	1
44	MP2B	Z	74.339	1
45	MP2B	Mx	-.043	1
46	MP2B	X	-42.919	5
47	MP2B	Z	74.339	5
48	MP2B	Mx	-.043	5
49	MP2C	X	-59.421	1
50	MP2C	Z	102.92	1
51	MP2C	Mx	.085	1
52	MP2C	X	-59.421	5
53	MP2C	Z	102.92	5
54	MP2C	Mx	.085	5
55	MP2A	X	-59.421	1
56	MP2A	Z	102.92	1
57	MP2A	Mx	.085	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
58	MP2A	X	-59.421	5
59	MP2A	Z	102.92	5
60	MP2A	Mx	.085	5
61	MP2B	X	-42.919	1
62	MP2B	Z	74.339	1
63	MP2B	Mx	-.043	1
64	MP2B	X	-42.919	5
65	MP2B	Z	74.339	5
66	MP2B	Mx	-.043	5
67	MP2C	X	-59.421	1
68	MP2C	Z	102.92	1
69	MP2C	Mx	-.026	1
70	MP2C	X	-59.421	5
71	MP2C	Z	102.92	5
72	MP2C	Mx	-.026	5
73	MP3A	X	-32.019	2
74	MP3A	Z	55.458	2
75	MP3A	Mx	.016	2
76	MP3A	X	-32.019	4
77	MP3A	Z	55.458	4
78	MP3A	Mx	.016	4
79	MP3B	X	-14.784	2
80	MP3B	Z	25.607	2
81	MP3B	Mx	-.015	2
82	MP3B	X	-14.784	4
83	MP3B	Z	25.607	4
84	MP3B	Mx	-.015	4
85	MP3C	X	-32.019	2
86	MP3C	Z	55.458	2
87	MP3C	Mx	.016	2
88	MP3C	X	-32.019	4
89	MP3C	Z	55.458	4
90	MP3C	Mx	.016	4
91	M94	X	-61.376	1
92	M94	Z	106.307	1
93	M94	Mx	0	1
94	MP1A	X	-27.559	3
95	MP1A	Z	47.734	3
96	MP1A	Mx	-.014	3
97	MP1B	X	-27.559	3
98	MP1B	Z	47.734	3
99	MP1B	Mx	-.014	3
100	MP1C	X	-27.559	3
101	MP1C	Z	47.734	3
102	MP1C	Mx	-.014	3
103	MP2A	X	-27.559	3
104	MP2A	Z	47.734	3
105	MP2A	Mx	-.014	3
106	MP2B	X	-20.087	3
107	MP2B	Z	34.792	3
108	MP2B	Mx	.02	3
109	MP2C	X	-27.559	3
110	MP2C	Z	47.734	3
111	MP2C	Mx	-.014	3

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

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP1A	X	-65.432	1
2	MP1A	Z	37.777	1
3	MP1A	Mx	.033	1
4	MP1A	X	-65.432	3
5	MP1A	Z	37.777	3
6	MP1A	Mx	.033	3
7	MP1B	X	-65.432	1
8	MP1B	Z	37.777	1
9	MP1B	Mx	-.033	1
10	MP1B	X	-65.432	3
11	MP1B	Z	37.777	3
12	MP1B	Mx	-.033	3
13	MP1C	X	-36.323	1
14	MP1C	Z	20.971	1
15	MP1C	Mx	0	1
16	MP1C	X	-36.323	3
17	MP1C	Z	20.971	3
18	MP1C	Mx	0	3
19	MP4A	X	-65.432	1
20	MP4A	Z	37.777	1
21	MP4A	Mx	.033	1
22	MP4A	X	-65.432	3
23	MP4A	Z	37.777	3
24	MP4A	Mx	.033	3
25	MP4B	X	-65.432	1
26	MP4B	Z	37.777	1
27	MP4B	Mx	-.033	1
28	MP4B	X	-65.432	3
29	MP4B	Z	37.777	3
30	MP4B	Mx	-.033	3
31	MP4C	X	-36.323	1
32	MP4C	Z	20.971	1
33	MP4C	Mx	0	1
34	MP4C	X	-36.323	3
35	MP4C	Z	20.971	3
36	MP4C	Mx	0	3
37	MP2A	X	-83.866	1
38	MP2A	Z	48.42	1
39	MP2A	Mx	.016	1
40	MP2A	X	-83.866	5
41	MP2A	Z	48.42	5
42	MP2A	Mx	.016	5
43	MP2B	X	-83.866	1
44	MP2B	Z	48.42	1
45	MP2B	Mx	-.068	1
46	MP2B	X	-83.866	5
47	MP2B	Z	48.42	5
48	MP2B	Mx	-.068	5
49	MP2C	X	-112.447	1
50	MP2C	Z	64.921	1
51	MP2C	Mx	.07	1
52	MP2C	X	-112.447	5
53	MP2C	Z	64.921	5
54	MP2C	Mx	.07	5
55	MP2A	X	-83.866	1
56	MP2A	Z	48.42	1
57	MP2A	Mx	.068	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft, %]
58	MP2A	X	-83.866	5
59	MP2A	Z	48.42	5
60	MP2A	Mx	.068	5
61	MP2B	X	-83.866	1
62	MP2B	Z	48.42	1
63	MP2B	Mx	-.016	1
64	MP2B	X	-83.866	5
65	MP2B	Z	48.42	5
66	MP2B	Mx	-.016	5
67	MP2C	X	-112.447	1
68	MP2C	Z	64.921	1
69	MP2C	Mx	-.07	1
70	MP2C	X	-112.447	5
71	MP2C	Z	64.921	5
72	MP2C	Mx	-.07	5
73	MP3A	X	-35.558	2
74	MP3A	Z	20.529	2
75	MP3A	Mx	.018	2
76	MP3A	X	-35.558	4
77	MP3A	Z	20.529	4
78	MP3A	Mx	.018	4
79	MP3B	X	-35.558	2
80	MP3B	Z	20.529	2
81	MP3B	Mx	-.018	2
82	MP3B	X	-35.558	4
83	MP3B	Z	20.529	4
84	MP3B	Mx	-.018	4
85	MP3C	X	-65.409	2
86	MP3C	Z	37.764	2
87	MP3C	Mx	0	2
88	MP3C	X	-65.409	4
89	MP3C	Z	37.764	4
90	MP3C	Mx	0	4
91	M94	X	-92.912	1
92	M94	Z	53.643	1
93	M94	Mx	0	1
94	MP1A	X	-39.106	3
95	MP1A	Z	22.578	3
96	MP1A	Mx	-.02	3
97	MP1B	X	-39.106	3
98	MP1B	Z	22.578	3
99	MP1B	Mx	-.02	3
100	MP1C	X	-39.106	3
101	MP1C	Z	22.578	3
102	MP1C	Mx	-.02	3
103	MP2A	X	-39.106	3
104	MP2A	Z	22.578	3
105	MP2A	Mx	-.02	3
106	MP2B	X	-39.106	3
107	MP2B	Z	22.578	3
108	MP2B	Mx	.02	3
109	MP2C	X	-52.049	3
110	MP2C	Z	30.05	3
111	MP2C	Mx	0	3

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

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP1A	X	-86.758	1
2	MP1A	Z	0	1
3	MP1A	Mx	.043	1
4	MP1A	X	-86.758	3
5	MP1A	Z	0	3
6	MP1A	Mx	.043	3
7	MP1B	X	-53.146	1
8	MP1B	Z	0	1
9	MP1B	Mx	-.013	1
10	MP1B	X	-53.146	3
11	MP1B	Z	0	3
12	MP1B	Mx	-.013	3
13	MP1C	X	-53.146	1
14	MP1C	Z	0	1
15	MP1C	Mx	-.013	1
16	MP1C	X	-53.146	3
17	MP1C	Z	0	3
18	MP1C	Mx	-.013	3
19	MP4A	X	-86.758	1
20	MP4A	Z	0	1
21	MP4A	Mx	.043	1
22	MP4A	X	-86.758	3
23	MP4A	Z	0	3
24	MP4A	Mx	.043	3
25	MP4B	X	-53.146	1
26	MP4B	Z	0	1
27	MP4B	Mx	-.013	1
28	MP4B	X	-53.146	3
29	MP4B	Z	0	3
30	MP4B	Mx	-.013	3
31	MP4C	X	-53.146	1
32	MP4C	Z	0	1
33	MP4C	Mx	-.013	1
34	MP4C	X	-53.146	3
35	MP4C	Z	0	3
36	MP4C	Mx	-.013	3
37	MP2A	X	-85.839	1
38	MP2A	Z	0	1
39	MP2A	Mx	.043	1
40	MP2A	X	-85.839	5
41	MP2A	Z	0	5
42	MP2A	Mx	.043	5
43	MP2B	X	-118.842	1
44	MP2B	Z	0	1
45	MP2B	Mx	-.085	1
46	MP2B	X	-118.842	5
47	MP2B	Z	0	5
48	MP2B	Mx	-.085	5
49	MP2C	X	-118.842	1
50	MP2C	Z	0	1
51	MP2C	Mx	.026	1
52	MP2C	X	-118.842	5
53	MP2C	Z	0	5
54	MP2C	Mx	.026	5
55	MP2A	X	-85.839	1
56	MP2A	Z	0	1
57	MP2A	Mx	.043	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
58	MP2A	X	-85.839	5
59	MP2A	Z	0	5
60	MP2A	Mx	.043	5
61	MP2B	X	-118.842	1
62	MP2B	Z	0	1
63	MP2B	Mx	.026	1
64	MP2B	X	-118.842	5
65	MP2B	Z	0	5
66	MP2B	Mx	.026	5
67	MP2C	X	-118.842	1
68	MP2C	Z	0	1
69	MP2C	Mx	-.085	1
70	MP2C	X	-118.842	5
71	MP2C	Z	0	5
72	MP2C	Mx	-.085	5
73	MP3A	X	-29.569	2
74	MP3A	Z	0	2
75	MP3A	Mx	.015	2
76	MP3A	X	-29.569	4
77	MP3A	Z	0	4
78	MP3A	Mx	.015	4
79	MP3B	X	-64.038	2
80	MP3B	Z	0	2
81	MP3B	Mx	-.016	2
82	MP3B	X	-64.038	4
83	MP3B	Z	0	4
84	MP3B	Mx	-.016	4
85	MP3C	X	-64.038	2
86	MP3C	Z	0	2
87	MP3C	Mx	-.016	2
88	MP3C	X	-64.038	4
89	MP3C	Z	0	4
90	MP3C	Mx	-.016	4
91	M94	X	-99.552	1
92	M94	Z	0	1
93	M94	Mx	0	1
94	MP1A	X	-40.174	3
95	MP1A	Z	0	3
96	MP1A	Mx	-.02	3
97	MP1B	X	-40.174	3
98	MP1B	Z	0	3
99	MP1B	Mx	-.02	3
100	MP1C	X	-40.174	3
101	MP1C	Z	0	3
102	MP1C	Mx	-.02	3
103	MP2A	X	-40.174	3
104	MP2A	Z	0	3
105	MP2A	Mx	-.02	3
106	MP2B	X	-55.119	3
107	MP2B	Z	0	3
108	MP2B	Mx	.014	3
109	MP2C	X	-55.119	3
110	MP2C	Z	0	3
111	MP2C	Mx	.014	3

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

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP1A	X	-65.432	1
2	MP1A	Z	-37.777	1
3	MP1A	Mx	.033	1
4	MP1A	X	-65.432	3
5	MP1A	Z	-37.777	3
6	MP1A	Mx	.033	3
7	MP1B	X	-36.323	1
8	MP1B	Z	-20.971	1
9	MP1B	Mx	0	1
10	MP1B	X	-36.323	3
11	MP1B	Z	-20.971	3
12	MP1B	Mx	0	3
13	MP1C	X	-65.432	1
14	MP1C	Z	-37.777	1
15	MP1C	Mx	-.033	1
16	MP1C	X	-65.432	3
17	MP1C	Z	-37.777	3
18	MP1C	Mx	-.033	3
19	MP4A	X	-65.432	1
20	MP4A	Z	-37.777	1
21	MP4A	Mx	.033	1
22	MP4A	X	-65.432	3
23	MP4A	Z	-37.777	3
24	MP4A	Mx	.033	3
25	MP4B	X	-36.323	1
26	MP4B	Z	-20.971	1
27	MP4B	Mx	0	1
28	MP4B	X	-36.323	3
29	MP4B	Z	-20.971	3
30	MP4B	Mx	0	3
31	MP4C	X	-65.432	1
32	MP4C	Z	-37.777	1
33	MP4C	Mx	-.033	1
34	MP4C	X	-65.432	3
35	MP4C	Z	-37.777	3
36	MP4C	Mx	-.033	3
37	MP2A	X	-83.866	1
38	MP2A	Z	-48.42	1
39	MP2A	Mx	.068	1
40	MP2A	X	-83.866	5
41	MP2A	Z	-48.42	5
42	MP2A	Mx	.068	5
43	MP2B	X	-112.447	1
44	MP2B	Z	-64.921	1
45	MP2B	Mx	-.07	1
46	MP2B	X	-112.447	5
47	MP2B	Z	-64.921	5
48	MP2B	Mx	-.07	5
49	MP2C	X	-83.866	1
50	MP2C	Z	-48.42	1
51	MP2C	Mx	-.016	1
52	MP2C	X	-83.866	5
53	MP2C	Z	-48.42	5
54	MP2C	Mx	-.016	5
55	MP2A	X	-83.866	1
56	MP2A	Z	-48.42	1
57	MP2A	Mx	.016	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
58	MP2A	X	-83.866	5
59	MP2A	Z	-48.42	5
60	MP2A	Mx	.016	5
61	MP2B	X	-112.447	1
62	MP2B	Z	-64.921	1
63	MP2B	Mx	.07	1
64	MP2B	X	-112.447	5
65	MP2B	Z	-64.921	5
66	MP2B	Mx	.07	5
67	MP2C	X	-83.866	1
68	MP2C	Z	-48.42	1
69	MP2C	Mx	-.068	1
70	MP2C	X	-83.866	5
71	MP2C	Z	-48.42	5
72	MP2C	Mx	-.068	5
73	MP3A	X	-35.558	2
74	MP3A	Z	-20.529	2
75	MP3A	Mx	.018	2
76	MP3A	X	-35.558	4
77	MP3A	Z	-20.529	4
78	MP3A	Mx	.018	4
79	MP3B	X	-65.409	2
80	MP3B	Z	-37.764	2
81	MP3B	Mx	0	2
82	MP3B	X	-65.409	4
83	MP3B	Z	-37.764	4
84	MP3B	Mx	0	4
85	MP3C	X	-35.558	2
86	MP3C	Z	-20.529	2
87	MP3C	Mx	-.018	2
88	MP3C	X	-35.558	4
89	MP3C	Z	-20.529	4
90	MP3C	Mx	-.018	4
91	M94	X	-92.912	1
92	M94	Z	-53.643	1
93	M94	Mx	0	1
94	MP1A	X	-39.106	3
95	MP1A	Z	-22.578	3
96	MP1A	Mx	-.02	3
97	MP1B	X	-39.106	3
98	MP1B	Z	-22.578	3
99	MP1B	Mx	-.02	3
100	MP1C	X	-39.106	3
101	MP1C	Z	-22.578	3
102	MP1C	Mx	-.02	3
103	MP2A	X	-39.106	3
104	MP2A	Z	-22.578	3
105	MP2A	Mx	-.02	3
106	MP2B	X	-52.049	3
107	MP2B	Z	-30.05	3
108	MP2B	Mx	0	3
109	MP2C	X	-39.106	3
110	MP2C	Z	-22.578	3
111	MP2C	Mx	.02	3

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

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP1A	X	-26.573	1
2	MP1A	Z	-46.026	1
3	MP1A	Mx	.013	1
4	MP1A	X	-26.573	3
5	MP1A	Z	-46.026	3
6	MP1A	Mx	.013	3
7	MP1B	X	-26.573	1
8	MP1B	Z	-46.026	1
9	MP1B	Mx	.013	1
10	MP1B	X	-26.573	3
11	MP1B	Z	-46.026	3
12	MP1B	Mx	.013	3
13	MP1C	X	-43.379	1
14	MP1C	Z	-75.135	1
15	MP1C	Mx	-.043	1
16	MP1C	X	-43.379	3
17	MP1C	Z	-75.135	3
18	MP1C	Mx	-.043	3
19	MP4A	X	-26.573	1
20	MP4A	Z	-46.026	1
21	MP4A	Mx	.013	1
22	MP4A	X	-26.573	3
23	MP4A	Z	-46.026	3
24	MP4A	Mx	.013	3
25	MP4B	X	-26.573	1
26	MP4B	Z	-46.026	1
27	MP4B	Mx	.013	1
28	MP4B	X	-26.573	3
29	MP4B	Z	-46.026	3
30	MP4B	Mx	.013	3
31	MP4C	X	-43.379	1
32	MP4C	Z	-75.135	1
33	MP4C	Mx	-.043	1
34	MP4C	X	-43.379	3
35	MP4C	Z	-75.135	3
36	MP4C	Mx	-.043	3
37	MP2A	X	-59.421	1
38	MP2A	Z	-102.92	1
39	MP2A	Mx	.085	1
40	MP2A	X	-59.421	5
41	MP2A	Z	-102.92	5
42	MP2A	Mx	.085	5
43	MP2B	X	-59.421	1
44	MP2B	Z	-102.92	1
45	MP2B	Mx	-.026	1
46	MP2B	X	-59.421	5
47	MP2B	Z	-102.92	5
48	MP2B	Mx	-.026	5
49	MP2C	X	-42.919	1
50	MP2C	Z	-74.339	1
51	MP2C	Mx	-.043	1
52	MP2C	X	-42.919	5
53	MP2C	Z	-74.339	5
54	MP2C	Mx	-.043	5
55	MP2A	X	-59.421	1
56	MP2A	Z	-102.92	1
57	MP2A	Mx	-.026	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
58	MP2A	X	-59.421	5
59	MP2A	Z	-102.92	5
60	MP2A	Mx	-.026	5
61	MP2B	X	-59.421	1
62	MP2B	Z	-102.92	1
63	MP2B	Mx	.085	1
64	MP2B	X	-59.421	5
65	MP2B	Z	-102.92	5
66	MP2B	Mx	.085	5
67	MP2C	X	-42.919	1
68	MP2C	Z	-74.339	1
69	MP2C	Mx	-.043	1
70	MP2C	X	-42.919	5
71	MP2C	Z	-74.339	5
72	MP2C	Mx	-.043	5
73	MP3A	X	-32.019	2
74	MP3A	Z	-55.458	2
75	MP3A	Mx	.016	2
76	MP3A	X	-32.019	4
77	MP3A	Z	-55.458	4
78	MP3A	Mx	.016	4
79	MP3B	X	-32.019	2
80	MP3B	Z	-55.458	2
81	MP3B	Mx	.016	2
82	MP3B	X	-32.019	4
83	MP3B	Z	-55.458	4
84	MP3B	Mx	.016	4
85	MP3C	X	-14.784	2
86	MP3C	Z	-25.607	2
87	MP3C	Mx	-.015	2
88	MP3C	X	-14.784	4
89	MP3C	Z	-25.607	4
90	MP3C	Mx	-.015	4
91	M94	X	-61.376	1
92	M94	Z	-106.307	1
93	M94	Mx	0	1
94	MP1A	X	-27.559	3
95	MP1A	Z	-47.734	3
96	MP1A	Mx	-.014	3
97	MP1B	X	-27.559	3
98	MP1B	Z	-47.734	3
99	MP1B	Mx	-.014	3
100	MP1C	X	-27.559	3
101	MP1C	Z	-47.734	3
102	MP1C	Mx	-.014	3
103	MP2A	X	-27.559	3
104	MP2A	Z	-47.734	3
105	MP2A	Mx	-.014	3
106	MP2B	X	-27.559	3
107	MP2B	Z	-47.734	3
108	MP2B	Mx	-.014	3
109	MP2C	X	-20.087	3
110	MP2C	Z	-34.792	3
111	MP2C	Mx	.02	3

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	MP1A	X	0	1
2	MP1A	Z	-8.652	1
3	MP1A	Mx	0	1
4	MP1A	X	0	3
5	MP1A	Z	-8.652	3
6	MP1A	Mx	0	3
7	MP1B	X	0	1
8	MP1B	Z	-14.576	1
9	MP1B	Mx	.006	1
10	MP1B	X	0	3
11	MP1B	Z	-14.576	3
12	MP1B	Mx	.006	3
13	MP1C	X	0	1
14	MP1C	Z	-14.576	1
15	MP1C	Mx	-.006	1
16	MP1C	X	0	3
17	MP1C	Z	-14.576	3
18	MP1C	Mx	-.006	3
19	MP4A	X	0	1
20	MP4A	Z	-8.652	1
21	MP4A	Mx	0	1
22	MP4A	X	0	3
23	MP4A	Z	-8.652	3
24	MP4A	Mx	0	3
25	MP4B	X	0	1
26	MP4B	Z	-14.576	1
27	MP4B	Mx	.006	1
28	MP4B	X	0	3
29	MP4B	Z	-14.576	3
30	MP4B	Mx	.006	3
31	MP4C	X	0	1
32	MP4C	Z	-14.576	1
33	MP4C	Mx	-.006	1
34	MP4C	X	0	3
35	MP4C	Z	-14.576	3
36	MP4C	Mx	-.006	3
37	MP2A	X	0	1
38	MP2A	Z	-24.413	1
39	MP2A	Mx	.013	1
40	MP2A	X	0	5
41	MP2A	Z	-24.413	5
42	MP2A	Mx	.013	5
43	MP2B	X	0	1
44	MP2B	Z	-18.72	1
45	MP2B	Mx	.003	1
46	MP2B	X	0	5
47	MP2B	Z	-18.72	5
48	MP2B	Mx	.003	5
49	MP2C	X	0	1
50	MP2C	Z	-18.72	1
51	MP2C	Mx	-.013	1
52	MP2C	X	0	5
53	MP2C	Z	-18.72	5
54	MP2C	Mx	-.013	5
55	MP2A	X	0	1
56	MP2A	Z	-24.413	1
57	MP2A	Mx	-.013	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
58	MP2A	X	0	5
59	MP2A	Z	-24.413	5
60	MP2A	Mx	-.013	5
61	MP2B	X	0	1
62	MP2B	Z	-18.72	1
63	MP2B	Mx	.013	1
64	MP2B	X	0	5
65	MP2B	Z	-18.72	5
66	MP2B	Mx	.013	5
67	MP2C	X	0	1
68	MP2C	Z	-18.72	1
69	MP2C	Mx	-.003	1
70	MP2C	X	0	5
71	MP2C	Z	-18.72	5
72	MP2C	Mx	-.003	5
73	MP3A	X	0	2
74	MP3A	Z	-14.538	2
75	MP3A	Mx	0	2
76	MP3A	X	0	4
77	MP3A	Z	-14.538	4
78	MP3A	Mx	0	4
79	MP3B	X	0	2
80	MP3B	Z	-8.272	2
81	MP3B	Mx	.004	2
82	MP3B	X	0	4
83	MP3B	Z	-8.272	4
84	MP3B	Mx	.004	4
85	MP3C	X	0	2
86	MP3C	Z	-8.272	2
87	MP3C	Mx	-.004	2
88	MP3C	X	0	4
89	MP3C	Z	-8.272	4
90	MP3C	Mx	-.004	4
91	M94	X	0	1
92	M94	Z	-25.178	1
93	M94	Mx	0	1
94	MP1A	X	0	3
95	MP1A	Z	-12.24	3
96	MP1A	Mx	0	3
97	MP1B	X	0	3
98	MP1B	Z	-12.24	3
99	MP1B	Mx	0	3
100	MP1C	X	0	3
101	MP1C	Z	-12.24	3
102	MP1C	Mx	0	3
103	MP2A	X	0	3
104	MP2A	Z	-12.24	3
105	MP2A	Mx	0	3
106	MP2B	X	0	3
107	MP2B	Z	-9.441	3
108	MP2B	Mx	-.004	3
109	MP2C	X	0	3
110	MP2C	Z	-9.441	3
111	MP2C	Mx	.004	3

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	MP1A	X	5.313	1
2	MP1A	Z	-9.203	1
3	MP1A	Mx	-.003	1
4	MP1A	X	5.313	3
5	MP1A	Z	-9.203	3
6	MP1A	Mx	-.003	3
7	MP1B	X	8.276	1
8	MP1B	Z	-14.334	1
9	MP1B	Mx	.008	1
10	MP1B	X	8.276	3
11	MP1B	Z	-14.334	3
12	MP1B	Mx	.008	3
13	MP1C	X	5.313	1
14	MP1C	Z	-9.203	1
15	MP1C	Mx	-.003	1
16	MP1C	X	5.313	3
17	MP1C	Z	-9.203	3
18	MP1C	Mx	-.003	3
19	MP4A	X	5.313	1
20	MP4A	Z	-9.203	1
21	MP4A	Mx	-.003	1
22	MP4A	X	5.313	3
23	MP4A	Z	-9.203	3
24	MP4A	Mx	-.003	3
25	MP4B	X	8.276	1
26	MP4B	Z	-14.334	1
27	MP4B	Mx	.008	1
28	MP4B	X	8.276	3
29	MP4B	Z	-14.334	3
30	MP4B	Mx	.008	3
31	MP4C	X	5.313	1
32	MP4C	Z	-9.203	1
33	MP4C	Mx	-.003	1
34	MP4C	X	5.313	3
35	MP4C	Z	-9.203	3
36	MP4C	Mx	-.003	3
37	MP2A	X	11.258	1
38	MP2A	Z	-19.499	1
39	MP2A	Mx	.005	1
40	MP2A	X	11.258	5
41	MP2A	Z	-19.499	5
42	MP2A	Mx	.005	5
43	MP2B	X	8.411	1
44	MP2B	Z	-14.569	1
45	MP2B	Mx	.008	1
46	MP2B	X	8.411	5
47	MP2B	Z	-14.569	5
48	MP2B	Mx	.008	5
49	MP2C	X	11.258	1
50	MP2C	Z	-19.499	1
51	MP2C	Mx	-.016	1
52	MP2C	X	11.258	5
53	MP2C	Z	-19.499	5
54	MP2C	Mx	-.016	5
55	MP2A	X	11.258	1
56	MP2A	Z	-19.499	1
57	MP2A	Mx	-.016	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
58	MP2A	X	11.258	5
59	MP2A	Z	-19.499	5
60	MP2A	Mx	-.016	5
61	MP2B	X	8.411	1
62	MP2B	Z	-14.569	1
63	MP2B	Mx	.008	1
64	MP2B	X	8.411	5
65	MP2B	Z	-14.569	5
66	MP2B	Mx	.008	5
67	MP2C	X	11.258	1
68	MP2C	Z	-19.499	1
69	MP2C	Mx	.005	1
70	MP2C	X	11.258	5
71	MP2C	Z	-19.499	5
72	MP2C	Mx	.005	5
73	MP3A	X	6.225	2
74	MP3A	Z	-10.781	2
75	MP3A	Mx	-.003	2
76	MP3A	X	6.225	4
77	MP3A	Z	-10.781	4
78	MP3A	Mx	-.003	4
79	MP3B	X	3.091	2
80	MP3B	Z	-5.355	2
81	MP3B	Mx	.003	2
82	MP3B	X	3.091	4
83	MP3B	Z	-5.355	4
84	MP3B	Mx	.003	4
85	MP3C	X	6.225	2
86	MP3C	Z	-10.781	2
87	MP3C	Mx	-.003	2
88	MP3C	X	6.225	4
89	MP3C	Z	-10.781	4
90	MP3C	Mx	-.003	4
91	M94	X	11.902	1
92	M94	Z	-20.615	1
93	M94	Mx	0	1
94	MP1A	X	5.654	3
95	MP1A	Z	-9.792	3
96	MP1A	Mx	.003	3
97	MP1B	X	5.654	3
98	MP1B	Z	-9.792	3
99	MP1B	Mx	.003	3
100	MP1C	X	5.654	3
101	MP1C	Z	-9.792	3
102	MP1C	Mx	.003	3
103	MP2A	X	5.654	3
104	MP2A	Z	-9.792	3
105	MP2A	Mx	.003	3
106	MP2B	X	4.254	3
107	MP2B	Z	-7.368	3
108	MP2B	Mx	-.004	3
109	MP2C	X	5.654	3
110	MP2C	Z	-9.792	3
111	MP2C	Mx	.003	3

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

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP1A	X	12.624	1
2	MP1A	Z	-7.288	1
3	MP1A	Mx	-.006	1
4	MP1A	X	12.624	3
5	MP1A	Z	-7.288	3
6	MP1A	Mx	-.006	3
7	MP1B	X	12.624	1
8	MP1B	Z	-7.288	1
9	MP1B	Mx	.006	1
10	MP1B	X	12.624	3
11	MP1B	Z	-7.288	3
12	MP1B	Mx	.006	3
13	MP1C	X	7.493	1
14	MP1C	Z	-4.326	1
15	MP1C	Mx	0	1
16	MP1C	X	7.493	3
17	MP1C	Z	-4.326	3
18	MP1C	Mx	0	3
19	MP4A	X	12.624	1
20	MP4A	Z	-7.288	1
21	MP4A	Mx	-.006	1
22	MP4A	X	12.624	3
23	MP4A	Z	-7.288	3
24	MP4A	Mx	-.006	3
25	MP4B	X	12.624	1
26	MP4B	Z	-7.288	1
27	MP4B	Mx	.006	1
28	MP4B	X	12.624	3
29	MP4B	Z	-7.288	3
30	MP4B	Mx	.006	3
31	MP4C	X	7.493	1
32	MP4C	Z	-4.326	1
33	MP4C	Mx	0	1
34	MP4C	X	7.493	3
35	MP4C	Z	-4.326	3
36	MP4C	Mx	0	3
37	MP2A	X	16.212	1
38	MP2A	Z	-9.36	1
39	MP2A	Mx	-.003	1
40	MP2A	X	16.212	5
41	MP2A	Z	-9.36	5
42	MP2A	Mx	-.003	5
43	MP2B	X	16.212	1
44	MP2B	Z	-9.36	1
45	MP2B	Mx	.013	1
46	MP2B	X	16.212	5
47	MP2B	Z	-9.36	5
48	MP2B	Mx	.013	5
49	MP2C	X	21.142	1
50	MP2C	Z	-12.206	1
51	MP2C	Mx	-.013	1
52	MP2C	X	21.142	5
53	MP2C	Z	-12.206	5
54	MP2C	Mx	-.013	5
55	MP2A	X	16.212	1
56	MP2A	Z	-9.36	1
57	MP2A	Mx	-.013	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
58	MP2A	X	16.212	5
59	MP2A	Z	-9.36	5
60	MP2A	Mx	-.013	5
61	MP2B	X	16.212	1
62	MP2B	Z	-9.36	1
63	MP2B	Mx	.003	1
64	MP2B	X	16.212	5
65	MP2B	Z	-9.36	5
66	MP2B	Mx	.003	5
67	MP2C	X	21.142	1
68	MP2C	Z	-12.206	1
69	MP2C	Mx	.013	1
70	MP2C	X	21.142	5
71	MP2C	Z	-12.206	5
72	MP2C	Mx	.013	5
73	MP3A	X	7.163	2
74	MP3A	Z	-4.136	2
75	MP3A	Mx	-.004	2
76	MP3A	X	7.163	4
77	MP3A	Z	-4.136	4
78	MP3A	Mx	-.004	4
79	MP3B	X	7.163	2
80	MP3B	Z	-4.136	2
81	MP3B	Mx	.004	2
82	MP3B	X	7.163	4
83	MP3B	Z	-4.136	4
84	MP3B	Mx	.004	4
85	MP3C	X	12.59	2
86	MP3C	Z	-7.269	2
87	MP3C	Mx	0	2
88	MP3C	X	12.59	4
89	MP3C	Z	-7.269	4
90	MP3C	Mx	0	4
91	M94	X	18.234	1
92	M94	Z	-10.527	1
93	M94	Mx	0	1
94	MP1A	X	8.176	3
95	MP1A	Z	-4.721	3
96	MP1A	Mx	.004	3
97	MP1B	X	8.176	3
98	MP1B	Z	-4.721	3
99	MP1B	Mx	.004	3
100	MP1C	X	8.176	3
101	MP1C	Z	-4.721	3
102	MP1C	Mx	.004	3
103	MP2A	X	8.176	3
104	MP2A	Z	-4.721	3
105	MP2A	Mx	.004	3
106	MP2B	X	8.176	3
107	MP2B	Z	-4.721	3
108	MP2B	Mx	-.004	3
109	MP2C	X	10.6	3
110	MP2C	Z	-6.12	3
111	MP2C	Mx	0	3

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

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP1A	X	16.551	1
2	MP1A	Z	0	1
3	MP1A	Mx	-.008	1
4	MP1A	X	16.551	3
5	MP1A	Z	0	3
6	MP1A	Mx	-.008	3
7	MP1B	X	10.627	1
8	MP1B	Z	0	1
9	MP1B	Mx	.003	1
10	MP1B	X	10.627	3
11	MP1B	Z	0	3
12	MP1B	Mx	.003	3
13	MP1C	X	10.627	1
14	MP1C	Z	0	1
15	MP1C	Mx	.003	1
16	MP1C	X	10.627	3
17	MP1C	Z	0	3
18	MP1C	Mx	.003	3
19	MP4A	X	16.551	1
20	MP4A	Z	0	1
21	MP4A	Mx	-.008	1
22	MP4A	X	16.551	3
23	MP4A	Z	0	3
24	MP4A	Mx	-.008	3
25	MP4B	X	10.627	1
26	MP4B	Z	0	1
27	MP4B	Mx	.003	1
28	MP4B	X	10.627	3
29	MP4B	Z	0	3
30	MP4B	Mx	.003	3
31	MP4C	X	10.627	1
32	MP4C	Z	0	1
33	MP4C	Mx	.003	1
34	MP4C	X	10.627	3
35	MP4C	Z	0	3
36	MP4C	Mx	.003	3
37	MP2A	X	16.822	1
38	MP2A	Z	0	1
39	MP2A	Mx	-.008	1
40	MP2A	X	16.822	5
41	MP2A	Z	0	5
42	MP2A	Mx	-.008	5
43	MP2B	X	22.515	1
44	MP2B	Z	0	1
45	MP2B	Mx	.016	1
46	MP2B	X	22.515	5
47	MP2B	Z	0	5
48	MP2B	Mx	.016	5
49	MP2C	X	22.515	1
50	MP2C	Z	0	1
51	MP2C	Mx	-.005	1
52	MP2C	X	22.515	5
53	MP2C	Z	0	5
54	MP2C	Mx	-.005	5
55	MP2A	X	16.822	1
56	MP2A	Z	0	1
57	MP2A	Mx	-.008	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft, %]
58	MP2A	X	16.822	5
59	MP2A	Z	0	5
60	MP2A	Mx	-.008	5
61	MP2B	X	22.515	1
62	MP2B	Z	0	1
63	MP2B	Mx	-.005	1
64	MP2B	X	22.515	5
65	MP2B	Z	0	5
66	MP2B	Mx	-.005	5
67	MP2C	X	22.515	1
68	MP2C	Z	0	1
69	MP2C	Mx	.016	1
70	MP2C	X	22.515	5
71	MP2C	Z	0	5
72	MP2C	Mx	.016	5
73	MP3A	X	6.183	2
74	MP3A	Z	0	2
75	MP3A	Mx	-.003	2
76	MP3A	X	6.183	4
77	MP3A	Z	0	4
78	MP3A	Mx	-.003	4
79	MP3B	X	12.449	2
80	MP3B	Z	0	2
81	MP3B	Mx	.003	2
82	MP3B	X	12.449	4
83	MP3B	Z	0	4
84	MP3B	Mx	.003	4
85	MP3C	X	12.449	2
86	MP3C	Z	0	2
87	MP3C	Mx	.003	2
88	MP3C	X	12.449	4
89	MP3C	Z	0	4
90	MP3C	Mx	.003	4
91	M94	X	19.681	1
92	M94	Z	0	1
93	M94	Mx	0	1
94	MP1A	X	8.508	3
95	MP1A	Z	0	3
96	MP1A	Mx	.004	3
97	MP1B	X	8.508	3
98	MP1B	Z	0	3
99	MP1B	Mx	.004	3
100	MP1C	X	8.508	3
101	MP1C	Z	0	3
102	MP1C	Mx	.004	3
103	MP2A	X	8.508	3
104	MP2A	Z	0	3
105	MP2A	Mx	.004	3
106	MP2B	X	11.307	3
107	MP2B	Z	0	3
108	MP2B	Mx	-.003	3
109	MP2C	X	11.307	3
110	MP2C	Z	0	3
111	MP2C	Mx	-.003	3

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

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP1A	X	12.624	1
2	MP1A	Z	7.288	1
3	MP1A	Mx	-.006	1
4	MP1A	X	12.624	3
5	MP1A	Z	7.288	3
6	MP1A	Mx	-.006	3
7	MP1B	X	7.493	1
8	MP1B	Z	4.326	1
9	MP1B	Mx	0	1
10	MP1B	X	7.493	3
11	MP1B	Z	4.326	3
12	MP1B	Mx	0	3
13	MP1C	X	12.624	1
14	MP1C	Z	7.288	1
15	MP1C	Mx	.006	1
16	MP1C	X	12.624	3
17	MP1C	Z	7.288	3
18	MP1C	Mx	.006	3
19	MP4A	X	12.624	1
20	MP4A	Z	7.288	1
21	MP4A	Mx	-.006	1
22	MP4A	X	12.624	3
23	MP4A	Z	7.288	3
24	MP4A	Mx	-.006	3
25	MP4B	X	7.493	1
26	MP4B	Z	4.326	1
27	MP4B	Mx	0	1
28	MP4B	X	7.493	3
29	MP4B	Z	4.326	3
30	MP4B	Mx	0	3
31	MP4C	X	12.624	1
32	MP4C	Z	7.288	1
33	MP4C	Mx	.006	1
34	MP4C	X	12.624	3
35	MP4C	Z	7.288	3
36	MP4C	Mx	.006	3
37	MP2A	X	16.212	1
38	MP2A	Z	9.36	1
39	MP2A	Mx	-.013	1
40	MP2A	X	16.212	5
41	MP2A	Z	9.36	5
42	MP2A	Mx	-.013	5
43	MP2B	X	21.142	1
44	MP2B	Z	12.206	1
45	MP2B	Mx	.013	1
46	MP2B	X	21.142	5
47	MP2B	Z	12.206	5
48	MP2B	Mx	.013	5
49	MP2C	X	16.212	1
50	MP2C	Z	9.36	1
51	MP2C	Mx	.003	1
52	MP2C	X	16.212	5
53	MP2C	Z	9.36	5
54	MP2C	Mx	.003	5
55	MP2A	X	16.212	1
56	MP2A	Z	9.36	1
57	MP2A	Mx	-.003	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft, %]
58	MP2A	X	16.212	5
59	MP2A	Z	9.36	5
60	MP2A	Mx	-.003	5
61	MP2B	X	21.142	1
62	MP2B	Z	12.206	1
63	MP2B	Mx	-.013	1
64	MP2B	X	21.142	5
65	MP2B	Z	12.206	5
66	MP2B	Mx	-.013	5
67	MP2C	X	16.212	1
68	MP2C	Z	9.36	1
69	MP2C	Mx	.013	1
70	MP2C	X	16.212	5
71	MP2C	Z	9.36	5
72	MP2C	Mx	.013	5
73	MP3A	X	7.163	2
74	MP3A	Z	4.136	2
75	MP3A	Mx	-.004	2
76	MP3A	X	7.163	4
77	MP3A	Z	4.136	4
78	MP3A	Mx	-.004	4
79	MP3B	X	12.59	2
80	MP3B	Z	7.269	2
81	MP3B	Mx	0	2
82	MP3B	X	12.59	4
83	MP3B	Z	7.269	4
84	MP3B	Mx	0	4
85	MP3C	X	7.163	2
86	MP3C	Z	4.136	2
87	MP3C	Mx	.004	2
88	MP3C	X	7.163	4
89	MP3C	Z	4.136	4
90	MP3C	Mx	.004	4
91	M94	X	18.234	1
92	M94	Z	10.527	1
93	M94	Mx	0	1
94	MP1A	X	8.176	3
95	MP1A	Z	4.721	3
96	MP1A	Mx	.004	3
97	MP1B	X	8.176	3
98	MP1B	Z	4.721	3
99	MP1B	Mx	.004	3
100	MP1C	X	8.176	3
101	MP1C	Z	4.721	3
102	MP1C	Mx	.004	3
103	MP2A	X	8.176	3
104	MP2A	Z	4.721	3
105	MP2A	Mx	.004	3
106	MP2B	X	10.6	3
107	MP2B	Z	6.12	3
108	MP2B	Mx	0	3
109	MP2C	X	8.176	3
110	MP2C	Z	4.721	3
111	MP2C	Mx	-.004	3

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	MP1A	X	5.313	1
2	MP1A	Z	9.203	1
3	MP1A	Mx	-.003	1
4	MP1A	X	5.313	3
5	MP1A	Z	9.203	3
6	MP1A	Mx	-.003	3
7	MP1B	X	5.313	1
8	MP1B	Z	9.203	1
9	MP1B	Mx	-.003	1
10	MP1B	X	5.313	3
11	MP1B	Z	9.203	3
12	MP1B	Mx	-.003	3
13	MP1C	X	8.276	1
14	MP1C	Z	14.334	1
15	MP1C	Mx	.008	1
16	MP1C	X	8.276	3
17	MP1C	Z	14.334	3
18	MP1C	Mx	.008	3
19	MP4A	X	5.313	1
20	MP4A	Z	9.203	1
21	MP4A	Mx	-.003	1
22	MP4A	X	5.313	3
23	MP4A	Z	9.203	3
24	MP4A	Mx	-.003	3
25	MP4B	X	5.313	1
26	MP4B	Z	9.203	1
27	MP4B	Mx	-.003	1
28	MP4B	X	5.313	3
29	MP4B	Z	9.203	3
30	MP4B	Mx	-.003	3
31	MP4C	X	8.276	1
32	MP4C	Z	14.334	1
33	MP4C	Mx	.008	1
34	MP4C	X	8.276	3
35	MP4C	Z	14.334	3
36	MP4C	Mx	.008	3
37	MP2A	X	11.258	1
38	MP2A	Z	19.499	1
39	MP2A	Mx	-.016	1
40	MP2A	X	11.258	5
41	MP2A	Z	19.499	5
42	MP2A	Mx	-.016	5
43	MP2B	X	11.258	1
44	MP2B	Z	19.499	1
45	MP2B	Mx	.005	1
46	MP2B	X	11.258	5
47	MP2B	Z	19.499	5
48	MP2B	Mx	.005	5
49	MP2C	X	8.411	1
50	MP2C	Z	14.569	1
51	MP2C	Mx	.008	1
52	MP2C	X	8.411	5
53	MP2C	Z	14.569	5
54	MP2C	Mx	.008	5
55	MP2A	X	11.258	1
56	MP2A	Z	19.499	1
57	MP2A	Mx	.005	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
58	MP2A	X	11.258	5
59	MP2A	Z	19.499	5
60	MP2A	Mx	.005	5
61	MP2B	X	11.258	1
62	MP2B	Z	19.499	1
63	MP2B	Mx	-.016	1
64	MP2B	X	11.258	5
65	MP2B	Z	19.499	5
66	MP2B	Mx	-.016	5
67	MP2C	X	8.411	1
68	MP2C	Z	14.569	1
69	MP2C	Mx	.008	1
70	MP2C	X	8.411	5
71	MP2C	Z	14.569	5
72	MP2C	Mx	.008	5
73	MP3A	X	6.225	2
74	MP3A	Z	10.781	2
75	MP3A	Mx	-.003	2
76	MP3A	X	6.225	4
77	MP3A	Z	10.781	4
78	MP3A	Mx	-.003	4
79	MP3B	X	6.225	2
80	MP3B	Z	10.781	2
81	MP3B	Mx	-.003	2
82	MP3B	X	6.225	4
83	MP3B	Z	10.781	4
84	MP3B	Mx	-.003	4
85	MP3C	X	3.091	2
86	MP3C	Z	5.355	2
87	MP3C	Mx	.003	2
88	MP3C	X	3.091	4
89	MP3C	Z	5.355	4
90	MP3C	Mx	.003	4
91	M94	X	11.902	1
92	M94	Z	20.615	1
93	M94	Mx	0	1
94	MP1A	X	5.654	3
95	MP1A	Z	9.792	3
96	MP1A	Mx	.003	3
97	MP1B	X	5.654	3
98	MP1B	Z	9.792	3
99	MP1B	Mx	.003	3
100	MP1C	X	5.654	3
101	MP1C	Z	9.792	3
102	MP1C	Mx	.003	3
103	MP2A	X	5.654	3
104	MP2A	Z	9.792	3
105	MP2A	Mx	.003	3
106	MP2B	X	5.654	3
107	MP2B	Z	9.792	3
108	MP2B	Mx	.003	3
109	MP2C	X	4.254	3
110	MP2C	Z	7.368	3
111	MP2C	Mx	-.004	3

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	MP1A	X	0	1
2	MP1A	Z	8.652	1
3	MP1A	Mx	0	1
4	MP1A	X	0	3
5	MP1A	Z	8.652	3
6	MP1A	Mx	0	3
7	MP1B	X	0	1
8	MP1B	Z	14.576	1
9	MP1B	Mx	-.006	1
10	MP1B	X	0	3
11	MP1B	Z	14.576	3
12	MP1B	Mx	-.006	3
13	MP1C	X	0	1
14	MP1C	Z	14.576	1
15	MP1C	Mx	.006	1
16	MP1C	X	0	3
17	MP1C	Z	14.576	3
18	MP1C	Mx	.006	3
19	MP4A	X	0	1
20	MP4A	Z	8.652	1
21	MP4A	Mx	0	1
22	MP4A	X	0	3
23	MP4A	Z	8.652	3
24	MP4A	Mx	0	3
25	MP4B	X	0	1
26	MP4B	Z	14.576	1
27	MP4B	Mx	-.006	1
28	MP4B	X	0	3
29	MP4B	Z	14.576	3
30	MP4B	Mx	-.006	3
31	MP4C	X	0	1
32	MP4C	Z	14.576	1
33	MP4C	Mx	.006	1
34	MP4C	X	0	3
35	MP4C	Z	14.576	3
36	MP4C	Mx	.006	3
37	MP2A	X	0	1
38	MP2A	Z	24.413	1
39	MP2A	Mx	-.013	1
40	MP2A	X	0	5
41	MP2A	Z	24.413	5
42	MP2A	Mx	-.013	5
43	MP2B	X	0	1
44	MP2B	Z	18.72	1
45	MP2B	Mx	-.003	1
46	MP2B	X	0	5
47	MP2B	Z	18.72	5
48	MP2B	Mx	-.003	5
49	MP2C	X	0	1
50	MP2C	Z	18.72	1
51	MP2C	Mx	.013	1
52	MP2C	X	0	5
53	MP2C	Z	18.72	5
54	MP2C	Mx	.013	5
55	MP2A	X	0	1
56	MP2A	Z	24.413	1
57	MP2A	Mx	.013	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
58	MP2A	X	0	5
59	MP2A	Z	24.413	5
60	MP2A	Mx	.013	5
61	MP2B	X	0	1
62	MP2B	Z	18.72	1
63	MP2B	Mx	-.013	1
64	MP2B	X	0	5
65	MP2B	Z	18.72	5
66	MP2B	Mx	-.013	5
67	MP2C	X	0	1
68	MP2C	Z	18.72	1
69	MP2C	Mx	.003	1
70	MP2C	X	0	5
71	MP2C	Z	18.72	5
72	MP2C	Mx	.003	5
73	MP3A	X	0	2
74	MP3A	Z	14.538	2
75	MP3A	Mx	0	2
76	MP3A	X	0	4
77	MP3A	Z	14.538	4
78	MP3A	Mx	0	4
79	MP3B	X	0	2
80	MP3B	Z	8.272	2
81	MP3B	Mx	-.004	2
82	MP3B	X	0	4
83	MP3B	Z	8.272	4
84	MP3B	Mx	-.004	4
85	MP3C	X	0	2
86	MP3C	Z	8.272	2
87	MP3C	Mx	.004	2
88	MP3C	X	0	4
89	MP3C	Z	8.272	4
90	MP3C	Mx	.004	4
91	M94	X	0	1
92	M94	Z	25.178	1
93	M94	Mx	0	1
94	MP1A	X	0	3
95	MP1A	Z	12.24	3
96	MP1A	Mx	0	3
97	MP1B	X	0	3
98	MP1B	Z	12.24	3
99	MP1B	Mx	0	3
100	MP1C	X	0	3
101	MP1C	Z	12.24	3
102	MP1C	Mx	0	3
103	MP2A	X	0	3
104	MP2A	Z	12.24	3
105	MP2A	Mx	0	3
106	MP2B	X	0	3
107	MP2B	Z	9.441	3
108	MP2B	Mx	.004	3
109	MP2C	X	0	3
110	MP2C	Z	9.441	3
111	MP2C	Mx	-.004	3

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	MP1A	X	-5.313	1
2	MP1A	Z	9.203	1
3	MP1A	Mx	.003	1
4	MP1A	X	-5.313	3
5	MP1A	Z	9.203	3
6	MP1A	Mx	.003	3
7	MP1B	X	-8.276	1
8	MP1B	Z	14.334	1
9	MP1B	Mx	-.008	1
10	MP1B	X	-8.276	3
11	MP1B	Z	14.334	3
12	MP1B	Mx	-.008	3
13	MP1C	X	-5.313	1
14	MP1C	Z	9.203	1
15	MP1C	Mx	.003	1
16	MP1C	X	-5.313	3
17	MP1C	Z	9.203	3
18	MP1C	Mx	.003	3
19	MP4A	X	-5.313	1
20	MP4A	Z	9.203	1
21	MP4A	Mx	.003	1
22	MP4A	X	-5.313	3
23	MP4A	Z	9.203	3
24	MP4A	Mx	.003	3
25	MP4B	X	-8.276	1
26	MP4B	Z	14.334	1
27	MP4B	Mx	-.008	1
28	MP4B	X	-8.276	3
29	MP4B	Z	14.334	3
30	MP4B	Mx	-.008	3
31	MP4C	X	-5.313	1
32	MP4C	Z	9.203	1
33	MP4C	Mx	.003	1
34	MP4C	X	-5.313	3
35	MP4C	Z	9.203	3
36	MP4C	Mx	.003	3
37	MP2A	X	-11.258	1
38	MP2A	Z	19.499	1
39	MP2A	Mx	-.005	1
40	MP2A	X	-11.258	5
41	MP2A	Z	19.499	5
42	MP2A	Mx	-.005	5
43	MP2B	X	-8.411	1
44	MP2B	Z	14.569	1
45	MP2B	Mx	-.008	1
46	MP2B	X	-8.411	5
47	MP2B	Z	14.569	5
48	MP2B	Mx	-.008	5
49	MP2C	X	-11.258	1
50	MP2C	Z	19.499	1
51	MP2C	Mx	.016	1
52	MP2C	X	-11.258	5
53	MP2C	Z	19.499	5
54	MP2C	Mx	.016	5
55	MP2A	X	-11.258	1
56	MP2A	Z	19.499	1
57	MP2A	Mx	.016	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
58	MP2A	X	-11.258	5
59	MP2A	Z	19.499	5
60	MP2A	Mx	.016	5
61	MP2B	X	-8.411	1
62	MP2B	Z	14.569	1
63	MP2B	Mx	-.008	1
64	MP2B	X	-8.411	5
65	MP2B	Z	14.569	5
66	MP2B	Mx	-.008	5
67	MP2C	X	-11.258	1
68	MP2C	Z	19.499	1
69	MP2C	Mx	-.005	1
70	MP2C	X	-11.258	5
71	MP2C	Z	19.499	5
72	MP2C	Mx	-.005	5
73	MP3A	X	-6.225	2
74	MP3A	Z	10.781	2
75	MP3A	Mx	.003	2
76	MP3A	X	-6.225	4
77	MP3A	Z	10.781	4
78	MP3A	Mx	.003	4
79	MP3B	X	-3.091	2
80	MP3B	Z	5.355	2
81	MP3B	Mx	-.003	2
82	MP3B	X	-3.091	4
83	MP3B	Z	5.355	4
84	MP3B	Mx	-.003	4
85	MP3C	X	-6.225	2
86	MP3C	Z	10.781	2
87	MP3C	Mx	.003	2
88	MP3C	X	-6.225	4
89	MP3C	Z	10.781	4
90	MP3C	Mx	.003	4
91	M94	X	-11.902	1
92	M94	Z	20.615	1
93	M94	Mx	0	1
94	MP1A	X	-5.654	3
95	MP1A	Z	9.792	3
96	MP1A	Mx	-.003	3
97	MP1B	X	-5.654	3
98	MP1B	Z	9.792	3
99	MP1B	Mx	-.003	3
100	MP1C	X	-5.654	3
101	MP1C	Z	9.792	3
102	MP1C	Mx	-.003	3
103	MP2A	X	-5.654	3
104	MP2A	Z	9.792	3
105	MP2A	Mx	-.003	3
106	MP2B	X	-4.254	3
107	MP2B	Z	7.368	3
108	MP2B	Mx	.004	3
109	MP2C	X	-5.654	3
110	MP2C	Z	9.792	3
111	MP2C	Mx	-.003	3

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	MP1A	X	-12.624	1
2	MP1A	Z	7.288	1
3	MP1A	Mx	.006	1
4	MP1A	X	-12.624	3
5	MP1A	Z	7.288	3
6	MP1A	Mx	.006	3
7	MP1B	X	-12.624	1
8	MP1B	Z	7.288	1
9	MP1B	Mx	-.006	1
10	MP1B	X	-12.624	3
11	MP1B	Z	7.288	3
12	MP1B	Mx	-.006	3
13	MP1C	X	-7.493	1
14	MP1C	Z	4.326	1
15	MP1C	Mx	0	1
16	MP1C	X	-7.493	3
17	MP1C	Z	4.326	3
18	MP1C	Mx	0	3
19	MP4A	X	-12.624	1
20	MP4A	Z	7.288	1
21	MP4A	Mx	.006	1
22	MP4A	X	-12.624	3
23	MP4A	Z	7.288	3
24	MP4A	Mx	.006	3
25	MP4B	X	-12.624	1
26	MP4B	Z	7.288	1
27	MP4B	Mx	-.006	1
28	MP4B	X	-12.624	3
29	MP4B	Z	7.288	3
30	MP4B	Mx	-.006	3
31	MP4C	X	-7.493	1
32	MP4C	Z	4.326	1
33	MP4C	Mx	0	1
34	MP4C	X	-7.493	3
35	MP4C	Z	4.326	3
36	MP4C	Mx	0	3
37	MP2A	X	-16.212	1
38	MP2A	Z	9.36	1
39	MP2A	Mx	.003	1
40	MP2A	X	-16.212	5
41	MP2A	Z	9.36	5
42	MP2A	Mx	.003	5
43	MP2B	X	-16.212	1
44	MP2B	Z	9.36	1
45	MP2B	Mx	-.013	1
46	MP2B	X	-16.212	5
47	MP2B	Z	9.36	5
48	MP2B	Mx	-.013	5
49	MP2C	X	-21.142	1
50	MP2C	Z	12.206	1
51	MP2C	Mx	.013	1
52	MP2C	X	-21.142	5
53	MP2C	Z	12.206	5
54	MP2C	Mx	.013	5
55	MP2A	X	-16.212	1
56	MP2A	Z	9.36	1
57	MP2A	Mx	.013	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
58	MP2A	X	-16.212	5
59	MP2A	Z	9.36	5
60	MP2A	Mx	.013	5
61	MP2B	X	-16.212	1
62	MP2B	Z	9.36	1
63	MP2B	Mx	-.003	1
64	MP2B	X	-16.212	5
65	MP2B	Z	9.36	5
66	MP2B	Mx	-.003	5
67	MP2C	X	-21.142	1
68	MP2C	Z	12.206	1
69	MP2C	Mx	-.013	1
70	MP2C	X	-21.142	5
71	MP2C	Z	12.206	5
72	MP2C	Mx	-.013	5
73	MP3A	X	-7.163	2
74	MP3A	Z	4.136	2
75	MP3A	Mx	.004	2
76	MP3A	X	-7.163	4
77	MP3A	Z	4.136	4
78	MP3A	Mx	.004	4
79	MP3B	X	-7.163	2
80	MP3B	Z	4.136	2
81	MP3B	Mx	-.004	2
82	MP3B	X	-7.163	4
83	MP3B	Z	4.136	4
84	MP3B	Mx	-.004	4
85	MP3C	X	-12.59	2
86	MP3C	Z	7.269	2
87	MP3C	Mx	0	2
88	MP3C	X	-12.59	4
89	MP3C	Z	7.269	4
90	MP3C	Mx	0	4
91	M94	X	-18.234	1
92	M94	Z	10.527	1
93	M94	Mx	0	1
94	MP1A	X	-8.176	3
95	MP1A	Z	4.721	3
96	MP1A	Mx	-.004	3
97	MP1B	X	-8.176	3
98	MP1B	Z	4.721	3
99	MP1B	Mx	-.004	3
100	MP1C	X	-8.176	3
101	MP1C	Z	4.721	3
102	MP1C	Mx	-.004	3
103	MP2A	X	-8.176	3
104	MP2A	Z	4.721	3
105	MP2A	Mx	-.004	3
106	MP2B	X	-8.176	3
107	MP2B	Z	4.721	3
108	MP2B	Mx	.004	3
109	MP2C	X	-10.6	3
110	MP2C	Z	6.12	3
111	MP2C	Mx	0	3

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

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP1A	X	-16.551	1
2	MP1A	Z	0	1
3	MP1A	Mx	.008	1
4	MP1A	X	-16.551	3
5	MP1A	Z	0	3
6	MP1A	Mx	.008	3
7	MP1B	X	-10.627	1
8	MP1B	Z	0	1
9	MP1B	Mx	-.003	1
10	MP1B	X	-10.627	3
11	MP1B	Z	0	3
12	MP1B	Mx	-.003	3
13	MP1C	X	-10.627	1
14	MP1C	Z	0	1
15	MP1C	Mx	-.003	1
16	MP1C	X	-10.627	3
17	MP1C	Z	0	3
18	MP1C	Mx	-.003	3
19	MP4A	X	-16.551	1
20	MP4A	Z	0	1
21	MP4A	Mx	.008	1
22	MP4A	X	-16.551	3
23	MP4A	Z	0	3
24	MP4A	Mx	.008	3
25	MP4B	X	-10.627	1
26	MP4B	Z	0	1
27	MP4B	Mx	-.003	1
28	MP4B	X	-10.627	3
29	MP4B	Z	0	3
30	MP4B	Mx	-.003	3
31	MP4C	X	-10.627	1
32	MP4C	Z	0	1
33	MP4C	Mx	-.003	1
34	MP4C	X	-10.627	3
35	MP4C	Z	0	3
36	MP4C	Mx	-.003	3
37	MP2A	X	-16.822	1
38	MP2A	Z	0	1
39	MP2A	Mx	.008	1
40	MP2A	X	-16.822	5
41	MP2A	Z	0	5
42	MP2A	Mx	.008	5
43	MP2B	X	-22.515	1
44	MP2B	Z	0	1
45	MP2B	Mx	-.016	1
46	MP2B	X	-22.515	5
47	MP2B	Z	0	5
48	MP2B	Mx	-.016	5
49	MP2C	X	-22.515	1
50	MP2C	Z	0	1
51	MP2C	Mx	.005	1
52	MP2C	X	-22.515	5
53	MP2C	Z	0	5
54	MP2C	Mx	.005	5
55	MP2A	X	-16.822	1
56	MP2A	Z	0	1
57	MP2A	Mx	.008	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
58	MP2A	X	-16.822	5
59	MP2A	Z	0	5
60	MP2A	Mx	.008	5
61	MP2B	X	-22.515	1
62	MP2B	Z	0	1
63	MP2B	Mx	.005	1
64	MP2B	X	-22.515	5
65	MP2B	Z	0	5
66	MP2B	Mx	.005	5
67	MP2C	X	-22.515	1
68	MP2C	Z	0	1
69	MP2C	Mx	-.016	1
70	MP2C	X	-22.515	5
71	MP2C	Z	0	5
72	MP2C	Mx	-.016	5
73	MP3A	X	-6.183	2
74	MP3A	Z	0	2
75	MP3A	Mx	.003	2
76	MP3A	X	-6.183	4
77	MP3A	Z	0	4
78	MP3A	Mx	.003	4
79	MP3B	X	-12.449	2
80	MP3B	Z	0	2
81	MP3B	Mx	-.003	2
82	MP3B	X	-12.449	4
83	MP3B	Z	0	4
84	MP3B	Mx	-.003	4
85	MP3C	X	-12.449	2
86	MP3C	Z	0	2
87	MP3C	Mx	-.003	2
88	MP3C	X	-12.449	4
89	MP3C	Z	0	4
90	MP3C	Mx	-.003	4
91	M94	X	-19.681	1
92	M94	Z	0	1
93	M94	Mx	0	1
94	MP1A	X	-8.508	3
95	MP1A	Z	0	3
96	MP1A	Mx	-.004	3
97	MP1B	X	-8.508	3
98	MP1B	Z	0	3
99	MP1B	Mx	-.004	3
100	MP1C	X	-8.508	3
101	MP1C	Z	0	3
102	MP1C	Mx	-.004	3
103	MP2A	X	-8.508	3
104	MP2A	Z	0	3
105	MP2A	Mx	-.004	3
106	MP2B	X	-11.307	3
107	MP2B	Z	0	3
108	MP2B	Mx	.003	3
109	MP2C	X	-11.307	3
110	MP2C	Z	0	3
111	MP2C	Mx	.003	3

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	MP1A	X	-12.624	1
2	MP1A	Z	-7.288	1
3	MP1A	Mx	.006	1
4	MP1A	X	-12.624	3
5	MP1A	Z	-7.288	3
6	MP1A	Mx	.006	3
7	MP1B	X	-7.493	1
8	MP1B	Z	-4.326	1
9	MP1B	Mx	0	1
10	MP1B	X	-7.493	3
11	MP1B	Z	-4.326	3
12	MP1B	Mx	0	3
13	MP1C	X	-12.624	1
14	MP1C	Z	-7.288	1
15	MP1C	Mx	-.006	1
16	MP1C	X	-12.624	3
17	MP1C	Z	-7.288	3
18	MP1C	Mx	-.006	3
19	MP4A	X	-12.624	1
20	MP4A	Z	-7.288	1
21	MP4A	Mx	.006	1
22	MP4A	X	-12.624	3
23	MP4A	Z	-7.288	3
24	MP4A	Mx	.006	3
25	MP4B	X	-7.493	1
26	MP4B	Z	-4.326	1
27	MP4B	Mx	0	1
28	MP4B	X	-7.493	3
29	MP4B	Z	-4.326	3
30	MP4B	Mx	0	3
31	MP4C	X	-12.624	1
32	MP4C	Z	-7.288	1
33	MP4C	Mx	-.006	1
34	MP4C	X	-12.624	3
35	MP4C	Z	-7.288	3
36	MP4C	Mx	-.006	3
37	MP2A	X	-16.212	1
38	MP2A	Z	-9.36	1
39	MP2A	Mx	.013	1
40	MP2A	X	-16.212	5
41	MP2A	Z	-9.36	5
42	MP2A	Mx	.013	5
43	MP2B	X	-21.142	1
44	MP2B	Z	-12.206	1
45	MP2B	Mx	-.013	1
46	MP2B	X	-21.142	5
47	MP2B	Z	-12.206	5
48	MP2B	Mx	-.013	5
49	MP2C	X	-16.212	1
50	MP2C	Z	-9.36	1
51	MP2C	Mx	-.003	1
52	MP2C	X	-16.212	5
53	MP2C	Z	-9.36	5
54	MP2C	Mx	-.003	5
55	MP2A	X	-16.212	1
56	MP2A	Z	-9.36	1
57	MP2A	Mx	.003	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
58	MP2A	X	-16.212	5
59	MP2A	Z	-9.36	5
60	MP2A	Mx	.003	5
61	MP2B	X	-21.142	1
62	MP2B	Z	-12.206	1
63	MP2B	Mx	.013	1
64	MP2B	X	-21.142	5
65	MP2B	Z	-12.206	5
66	MP2B	Mx	.013	5
67	MP2C	X	-16.212	1
68	MP2C	Z	-9.36	1
69	MP2C	Mx	-.013	1
70	MP2C	X	-16.212	5
71	MP2C	Z	-9.36	5
72	MP2C	Mx	-.013	5
73	MP3A	X	-7.163	2
74	MP3A	Z	-4.136	2
75	MP3A	Mx	.004	2
76	MP3A	X	-7.163	4
77	MP3A	Z	-4.136	4
78	MP3A	Mx	.004	4
79	MP3B	X	-12.59	2
80	MP3B	Z	-7.269	2
81	MP3B	Mx	0	2
82	MP3B	X	-12.59	4
83	MP3B	Z	-7.269	4
84	MP3B	Mx	0	4
85	MP3C	X	-7.163	2
86	MP3C	Z	-4.136	2
87	MP3C	Mx	-.004	2
88	MP3C	X	-7.163	4
89	MP3C	Z	-4.136	4
90	MP3C	Mx	-.004	4
91	M94	X	-18.234	1
92	M94	Z	-10.527	1
93	M94	Mx	0	1
94	MP1A	X	-8.176	3
95	MP1A	Z	-4.721	3
96	MP1A	Mx	-.004	3
97	MP1B	X	-8.176	3
98	MP1B	Z	-4.721	3
99	MP1B	Mx	-.004	3
100	MP1C	X	-8.176	3
101	MP1C	Z	-4.721	3
102	MP1C	Mx	-.004	3
103	MP2A	X	-8.176	3
104	MP2A	Z	-4.721	3
105	MP2A	Mx	-.004	3
106	MP2B	X	-10.6	3
107	MP2B	Z	-6.12	3
108	MP2B	Mx	0	3
109	MP2C	X	-8.176	3
110	MP2C	Z	-4.721	3
111	MP2C	Mx	.004	3

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	MP1A	X	-5.313	1
2	MP1A	Z	-9.203	1
3	MP1A	Mx	.003	1
4	MP1A	X	-5.313	3
5	MP1A	Z	-9.203	3
6	MP1A	Mx	.003	3
7	MP1B	X	-5.313	1
8	MP1B	Z	-9.203	1
9	MP1B	Mx	.003	1
10	MP1B	X	-5.313	3
11	MP1B	Z	-9.203	3
12	MP1B	Mx	.003	3
13	MP1C	X	-8.276	1
14	MP1C	Z	-14.334	1
15	MP1C	Mx	-.008	1
16	MP1C	X	-8.276	3
17	MP1C	Z	-14.334	3
18	MP1C	Mx	-.008	3
19	MP4A	X	-5.313	1
20	MP4A	Z	-9.203	1
21	MP4A	Mx	.003	1
22	MP4A	X	-5.313	3
23	MP4A	Z	-9.203	3
24	MP4A	Mx	.003	3
25	MP4B	X	-5.313	1
26	MP4B	Z	-9.203	1
27	MP4B	Mx	.003	1
28	MP4B	X	-5.313	3
29	MP4B	Z	-9.203	3
30	MP4B	Mx	.003	3
31	MP4C	X	-8.276	1
32	MP4C	Z	-14.334	1
33	MP4C	Mx	-.008	1
34	MP4C	X	-8.276	3
35	MP4C	Z	-14.334	3
36	MP4C	Mx	-.008	3
37	MP2A	X	-11.258	1
38	MP2A	Z	-19.499	1
39	MP2A	Mx	.016	1
40	MP2A	X	-11.258	5
41	MP2A	Z	-19.499	5
42	MP2A	Mx	.016	5
43	MP2B	X	-11.258	1
44	MP2B	Z	-19.499	1
45	MP2B	Mx	-.005	1
46	MP2B	X	-11.258	5
47	MP2B	Z	-19.499	5
48	MP2B	Mx	-.005	5
49	MP2C	X	-8.411	1
50	MP2C	Z	-14.569	1
51	MP2C	Mx	-.008	1
52	MP2C	X	-8.411	5
53	MP2C	Z	-14.569	5
54	MP2C	Mx	-.008	5
55	MP2A	X	-11.258	1
56	MP2A	Z	-19.499	1
57	MP2A	Mx	-.005	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
58	MP2A	X	-11.258	5
59	MP2A	Z	-19.499	5
60	MP2A	Mx	-.005	5
61	MP2B	X	-11.258	1
62	MP2B	Z	-19.499	1
63	MP2B	Mx	.016	1
64	MP2B	X	-11.258	5
65	MP2B	Z	-19.499	5
66	MP2B	Mx	.016	5
67	MP2C	X	-8.411	1
68	MP2C	Z	-14.569	1
69	MP2C	Mx	-.008	1
70	MP2C	X	-8.411	5
71	MP2C	Z	-14.569	5
72	MP2C	Mx	-.008	5
73	MP3A	X	-6.225	2
74	MP3A	Z	-10.781	2
75	MP3A	Mx	.003	2
76	MP3A	X	-6.225	4
77	MP3A	Z	-10.781	4
78	MP3A	Mx	.003	4
79	MP3B	X	-6.225	2
80	MP3B	Z	-10.781	2
81	MP3B	Mx	.003	2
82	MP3B	X	-6.225	4
83	MP3B	Z	-10.781	4
84	MP3B	Mx	.003	4
85	MP3C	X	-3.091	2
86	MP3C	Z	-5.355	2
87	MP3C	Mx	-.003	2
88	MP3C	X	-3.091	4
89	MP3C	Z	-5.355	4
90	MP3C	Mx	-.003	4
91	M94	X	-11.902	1
92	M94	Z	-20.615	1
93	M94	Mx	0	1
94	MP1A	X	-5.654	3
95	MP1A	Z	-9.792	3
96	MP1A	Mx	-.003	3
97	MP1B	X	-5.654	3
98	MP1B	Z	-9.792	3
99	MP1B	Mx	-.003	3
100	MP1C	X	-5.654	3
101	MP1C	Z	-9.792	3
102	MP1C	Mx	-.003	3
103	MP2A	X	-5.654	3
104	MP2A	Z	-9.792	3
105	MP2A	Mx	-.003	3
106	MP2B	X	-5.654	3
107	MP2B	Z	-9.792	3
108	MP2B	Mx	-.003	3
109	MP2C	X	-4.254	3
110	MP2C	Z	-7.368	3
111	MP2C	Mx	.004	3

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	MP1A	X	0	1
2	MP1A	Z	-2.578	1
3	MP1A	Mx	0	1
4	MP1A	X	0	3
5	MP1A	Z	-2.578	3
6	MP1A	Mx	0	3
7	MP1B	X	0	1
8	MP1B	Z	-4.644	1
9	MP1B	Mx	.002	1
10	MP1B	X	0	3
11	MP1B	Z	-4.644	3
12	MP1B	Mx	.002	3
13	MP1C	X	0	1
14	MP1C	Z	-4.644	1
15	MP1C	Mx	-.002	1
16	MP1C	X	0	3
17	MP1C	Z	-4.644	3
18	MP1C	Mx	-.002	3
19	MP4A	X	0	1
20	MP4A	Z	-2.578	1
21	MP4A	Mx	0	1
22	MP4A	X	0	3
23	MP4A	Z	-2.578	3
24	MP4A	Mx	0	3
25	MP4B	X	0	1
26	MP4B	Z	-4.644	1
27	MP4B	Mx	.002	1
28	MP4B	X	0	3
29	MP4B	Z	-4.644	3
30	MP4B	Mx	.002	3
31	MP4C	X	0	1
32	MP4C	Z	-4.644	1
33	MP4C	Mx	-.002	1
34	MP4C	X	0	3
35	MP4C	Z	-4.644	3
36	MP4C	Mx	-.002	3
37	MP2A	X	0	1
38	MP2A	Z	-7.982	1
39	MP2A	Mx	.004	1
40	MP2A	X	0	5
41	MP2A	Z	-7.982	5
42	MP2A	Mx	.004	5
43	MP2B	X	0	1
44	MP2B	Z	-5.953	1
45	MP2B	Mx	.000965	1
46	MP2B	X	0	5
47	MP2B	Z	-5.953	5
48	MP2B	Mx	.000965	5
49	MP2C	X	0	1
50	MP2C	Z	-5.953	1
51	MP2C	Mx	-.004	1
52	MP2C	X	0	5
53	MP2C	Z	-5.953	5
54	MP2C	Mx	-.004	5
55	MP2A	X	0	1
56	MP2A	Z	-7.982	1
57	MP2A	Mx	-.004	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
58	MP2A	X	0	5
59	MP2A	Z	-7.982	5
60	MP2A	Mx	-.004	5
61	MP2B	X	0	1
62	MP2B	Z	-5.953	1
63	MP2B	Mx	.004	1
64	MP2B	X	0	5
65	MP2B	Z	-5.953	5
66	MP2B	Mx	.004	5
67	MP2C	X	0	1
68	MP2C	Z	-5.953	1
69	MP2C	Mx	-.000965	1
70	MP2C	X	0	5
71	MP2C	Z	-5.953	5
72	MP2C	Mx	-.000965	5
73	MP3A	X	0	2
74	MP3A	Z	-4.643	2
75	MP3A	Mx	0	2
76	MP3A	X	0	4
77	MP3A	Z	-4.643	4
78	MP3A	Mx	0	4
79	MP3B	X	0	2
80	MP3B	Z	-2.524	2
81	MP3B	Mx	.001	2
82	MP3B	X	0	4
83	MP3B	Z	-2.524	4
84	MP3B	Mx	.001	4
85	MP3C	X	0	2
86	MP3C	Z	-2.524	2
87	MP3C	Mx	-.001	2
88	MP3C	X	0	4
89	MP3C	Z	-2.524	4
90	MP3C	Mx	-.001	4
91	M94	X	0	1
92	M94	Z	-8.021	1
93	M94	Mx	0	1
94	MP1A	X	0	3
95	MP1A	Z	-3.694	3
96	MP1A	Mx	0	3
97	MP1B	X	0	3
98	MP1B	Z	-3.694	3
99	MP1B	Mx	0	3
100	MP1C	X	0	3
101	MP1C	Z	-3.694	3
102	MP1C	Mx	0	3
103	MP2A	X	0	3
104	MP2A	Z	-3.694	3
105	MP2A	Mx	0	3
106	MP2B	X	0	3
107	MP2B	Z	-2.776	3
108	MP2B	Mx	-.001	3
109	MP2C	X	0	3
110	MP2C	Z	-2.776	3
111	MP2C	Mx	.001	3

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	MP1A	X	1.633	1
2	MP1A	Z	-2.829	1
3	MP1A	Mx	-.000816	1
4	MP1A	X	1.633	3
5	MP1A	Z	-2.829	3
6	MP1A	Mx	-.000816	3
7	MP1B	X	2.667	1
8	MP1B	Z	-4.619	1
9	MP1B	Mx	.003	1
10	MP1B	X	2.667	3
11	MP1B	Z	-4.619	3
12	MP1B	Mx	.003	3
13	MP1C	X	1.633	1
14	MP1C	Z	-2.829	1
15	MP1C	Mx	-.000817	1
16	MP1C	X	1.633	3
17	MP1C	Z	-2.829	3
18	MP1C	Mx	-.000817	3
19	MP4A	X	1.633	1
20	MP4A	Z	-2.829	1
21	MP4A	Mx	-.000816	1
22	MP4A	X	1.633	3
23	MP4A	Z	-2.829	3
24	MP4A	Mx	-.000816	3
25	MP4B	X	2.667	1
26	MP4B	Z	-4.619	1
27	MP4B	Mx	.003	1
28	MP4B	X	2.667	3
29	MP4B	Z	-4.619	3
30	MP4B	Mx	.003	3
31	MP4C	X	1.633	1
32	MP4C	Z	-2.829	1
33	MP4C	Mx	-.000817	1
34	MP4C	X	1.633	3
35	MP4C	Z	-2.829	3
36	MP4C	Mx	-.000817	3
37	MP2A	X	3.653	1
38	MP2A	Z	-6.327	1
39	MP2A	Mx	.002	1
40	MP2A	X	3.653	5
41	MP2A	Z	-6.327	5
42	MP2A	Mx	.002	5
43	MP2B	X	2.638	1
44	MP2B	Z	-4.57	1
45	MP2B	Mx	.003	1
46	MP2B	X	2.638	5
47	MP2B	Z	-4.57	5
48	MP2B	Mx	.003	5
49	MP2C	X	3.653	1
50	MP2C	Z	-6.327	1
51	MP2C	Mx	-.005	1
52	MP2C	X	3.653	5
53	MP2C	Z	-6.327	5
54	MP2C	Mx	-.005	5
55	MP2A	X	3.653	1
56	MP2A	Z	-6.327	1
57	MP2A	Mx	-.005	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
58	MP2A	X	3.653	5
59	MP2A	Z	-6.327	5
60	MP2A	Mx	-.005	5
61	MP2B	X	2.638	1
62	MP2B	Z	-4.57	1
63	MP2B	Mx	.003	1
64	MP2B	X	2.638	5
65	MP2B	Z	-4.57	5
66	MP2B	Mx	.003	5
67	MP2C	X	3.653	1
68	MP2C	Z	-6.327	1
69	MP2C	Mx	.002	1
70	MP2C	X	3.653	5
71	MP2C	Z	-6.327	5
72	MP2C	Mx	.002	5
73	MP3A	X	1.968	2
74	MP3A	Z	-3.409	2
75	MP3A	Mx	-.000984	2
76	MP3A	X	1.968	4
77	MP3A	Z	-3.409	4
78	MP3A	Mx	-.000984	4
79	MP3B	X	.909	2
80	MP3B	Z	-1.574	2
81	MP3B	Mx	.000909	2
82	MP3B	X	.909	4
83	MP3B	Z	-1.574	4
84	MP3B	Mx	.000909	4
85	MP3C	X	1.968	2
86	MP3C	Z	-3.409	2
87	MP3C	Mx	-.000984	2
88	MP3C	X	1.968	4
89	MP3C	Z	-3.409	4
90	MP3C	Mx	-.000984	4
91	M94	X	3.773	1
92	M94	Z	-6.535	1
93	M94	Mx	0	1
94	MP1A	X	1.694	3
95	MP1A	Z	-2.934	3
96	MP1A	Mx	.000847	3
97	MP1B	X	1.694	3
98	MP1B	Z	-2.934	3
99	MP1B	Mx	.000847	3
100	MP1C	X	1.694	3
101	MP1C	Z	-2.934	3
102	MP1C	Mx	.000847	3
103	MP2A	X	1.694	3
104	MP2A	Z	-2.934	3
105	MP2A	Mx	.000847	3
106	MP2B	X	1.235	3
107	MP2B	Z	-2.139	3
108	MP2B	Mx	-.001	3
109	MP2C	X	1.694	3
110	MP2C	Z	-2.934	3
111	MP2C	Mx	.000847	3

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

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP1A	X	4.022	1
2	MP1A	Z	-2.322	1
3	MP1A	Mx	-.002	1
4	MP1A	X	4.022	3
5	MP1A	Z	-2.322	3
6	MP1A	Mx	-.002	3
7	MP1B	X	4.022	1
8	MP1B	Z	-2.322	1
9	MP1B	Mx	.002	1
10	MP1B	X	4.022	3
11	MP1B	Z	-2.322	3
12	MP1B	Mx	.002	3
13	MP1C	X	2.233	1
14	MP1C	Z	-1.289	1
15	MP1C	Mx	0	1
16	MP1C	X	2.233	3
17	MP1C	Z	-1.289	3
18	MP1C	Mx	0	3
19	MP4A	X	4.022	1
20	MP4A	Z	-2.322	1
21	MP4A	Mx	-.002	1
22	MP4A	X	4.022	3
23	MP4A	Z	-2.322	3
24	MP4A	Mx	-.002	3
25	MP4B	X	4.022	1
26	MP4B	Z	-2.322	1
27	MP4B	Mx	.002	1
28	MP4B	X	4.022	3
29	MP4B	Z	-2.322	3
30	MP4B	Mx	.002	3
31	MP4C	X	2.233	1
32	MP4C	Z	-1.289	1
33	MP4C	Mx	0	1
34	MP4C	X	2.233	3
35	MP4C	Z	-1.289	3
36	MP4C	Mx	0	3
37	MP2A	X	5.155	1
38	MP2A	Z	-2.976	1
39	MP2A	Mx	-.000965	1
40	MP2A	X	5.155	5
41	MP2A	Z	-2.976	5
42	MP2A	Mx	-.000965	5
43	MP2B	X	5.155	1
44	MP2B	Z	-2.976	1
45	MP2B	Mx	.004	1
46	MP2B	X	5.155	5
47	MP2B	Z	-2.976	5
48	MP2B	Mx	.004	5
49	MP2C	X	6.912	1
50	MP2C	Z	-3.991	1
51	MP2C	Mx	-.004	1
52	MP2C	X	6.912	5
53	MP2C	Z	-3.991	5
54	MP2C	Mx	-.004	5
55	MP2A	X	5.155	1
56	MP2A	Z	-2.976	1
57	MP2A	Mx	-.004	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
58	MP2A	X	5.155	5
59	MP2A	Z	-2.976	5
60	MP2A	Mx	-.004	5
61	MP2B	X	5.155	1
62	MP2B	Z	-2.976	1
63	MP2B	Mx	.000965	1
64	MP2B	X	5.155	5
65	MP2B	Z	-2.976	5
66	MP2B	Mx	.000965	5
67	MP2C	X	6.912	1
68	MP2C	Z	-3.991	1
69	MP2C	Mx	.004	1
70	MP2C	X	6.912	5
71	MP2C	Z	-3.991	5
72	MP2C	Mx	.004	5
73	MP3A	X	2.186	2
74	MP3A	Z	-1.262	2
75	MP3A	Mx	-.001	2
76	MP3A	X	2.186	4
77	MP3A	Z	-1.262	4
78	MP3A	Mx	-.001	4
79	MP3B	X	2.186	2
80	MP3B	Z	-1.262	2
81	MP3B	Mx	.001	2
82	MP3B	X	2.186	4
83	MP3B	Z	-1.262	4
84	MP3B	Mx	.001	4
85	MP3C	X	4.021	2
86	MP3C	Z	-2.321	2
87	MP3C	Mx	0	2
88	MP3C	X	4.021	4
89	MP3C	Z	-2.321	4
90	MP3C	Mx	0	4
91	M94	X	5.711	1
92	M94	Z	-3.297	1
93	M94	Mx	0	1
94	MP1A	X	2.404	3
95	MP1A	Z	-1.388	3
96	MP1A	Mx	.001	3
97	MP1B	X	2.404	3
98	MP1B	Z	-1.388	3
99	MP1B	Mx	.001	3
100	MP1C	X	2.404	3
101	MP1C	Z	-1.388	3
102	MP1C	Mx	.001	3
103	MP2A	X	2.404	3
104	MP2A	Z	-1.388	3
105	MP2A	Mx	.001	3
106	MP2B	X	2.404	3
107	MP2B	Z	-1.388	3
108	MP2B	Mx	-.001	3
109	MP2C	X	3.199	3
110	MP2C	Z	-1.847	3
111	MP2C	Mx	0	3

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	MP1A	X	5.333	1
2	MP1A	Z	0	1
3	MP1A	Mx	-.003	1
4	MP1A	X	5.333	3
5	MP1A	Z	0	3
6	MP1A	Mx	-.003	3
7	MP1B	X	3.267	1
8	MP1B	Z	0	1
9	MP1B	Mx	.000817	1
10	MP1B	X	3.267	3
11	MP1B	Z	0	3
12	MP1B	Mx	.000817	3
13	MP1C	X	3.267	1
14	MP1C	Z	0	1
15	MP1C	Mx	.000817	1
16	MP1C	X	3.267	3
17	MP1C	Z	0	3
18	MP1C	Mx	.000817	3
19	MP4A	X	5.333	1
20	MP4A	Z	0	1
21	MP4A	Mx	-.003	1
22	MP4A	X	5.333	3
23	MP4A	Z	0	3
24	MP4A	Mx	-.003	3
25	MP4B	X	3.267	1
26	MP4B	Z	0	1
27	MP4B	Mx	.000817	1
28	MP4B	X	3.267	3
29	MP4B	Z	0	3
30	MP4B	Mx	.000817	3
31	MP4C	X	3.267	1
32	MP4C	Z	0	1
33	MP4C	Mx	.000817	1
34	MP4C	X	3.267	3
35	MP4C	Z	0	3
36	MP4C	Mx	.000817	3
37	MP2A	X	5.277	1
38	MP2A	Z	0	1
39	MP2A	Mx	-.003	1
40	MP2A	X	5.277	5
41	MP2A	Z	0	5
42	MP2A	Mx	-.003	5
43	MP2B	X	7.305	1
44	MP2B	Z	0	1
45	MP2B	Mx	.005	1
46	MP2B	X	7.305	5
47	MP2B	Z	0	5
48	MP2B	Mx	.005	5
49	MP2C	X	7.305	1
50	MP2C	Z	0	1
51	MP2C	Mx	-.002	1
52	MP2C	X	7.305	5
53	MP2C	Z	0	5
54	MP2C	Mx	-.002	5
55	MP2A	X	5.277	1
56	MP2A	Z	0	1
57	MP2A	Mx	-.003	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft, %]
58	MP2A	X	5.277	5
59	MP2A	Z	0	5
60	MP2A	Mx	-.003	5
61	MP2B	X	7.305	1
62	MP2B	Z	0	1
63	MP2B	Mx	-.002	1
64	MP2B	X	7.305	5
65	MP2B	Z	0	5
66	MP2B	Mx	-.002	5
67	MP2C	X	7.305	1
68	MP2C	Z	0	1
69	MP2C	Mx	.005	1
70	MP2C	X	7.305	5
71	MP2C	Z	0	5
72	MP2C	Mx	.005	5
73	MP3A	X	1.818	2
74	MP3A	Z	0	2
75	MP3A	Mx	-.000909	2
76	MP3A	X	1.818	4
77	MP3A	Z	0	4
78	MP3A	Mx	-.000909	4
79	MP3B	X	3.936	2
80	MP3B	Z	0	2
81	MP3B	Mx	.000984	2
82	MP3B	X	3.936	4
83	MP3B	Z	0	4
84	MP3B	Mx	.000984	4
85	MP3C	X	3.936	2
86	MP3C	Z	0	2
87	MP3C	Mx	.000984	2
88	MP3C	X	3.936	4
89	MP3C	Z	0	4
90	MP3C	Mx	.000984	4
91	M94	X	6.12	1
92	M94	Z	0	1
93	M94	Mx	0	1
94	MP1A	X	2.47	3
95	MP1A	Z	0	3
96	MP1A	Mx	.001	3
97	MP1B	X	2.47	3
98	MP1B	Z	0	3
99	MP1B	Mx	.001	3
100	MP1C	X	2.47	3
101	MP1C	Z	0	3
102	MP1C	Mx	.001	3
103	MP2A	X	2.47	3
104	MP2A	Z	0	3
105	MP2A	Mx	.001	3
106	MP2B	X	3.388	3
107	MP2B	Z	0	3
108	MP2B	Mx	-.000847	3
109	MP2C	X	3.388	3
110	MP2C	Z	0	3
111	MP2C	Mx	-.000847	3

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

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP1A	X	4.022	1
2	MP1A	Z	2.322	1
3	MP1A	Mx	-.002	1
4	MP1A	X	4.022	3
5	MP1A	Z	2.322	3
6	MP1A	Mx	-.002	3
7	MP1B	X	2.233	1
8	MP1B	Z	1.289	1
9	MP1B	Mx	0	1
10	MP1B	X	2.233	3
11	MP1B	Z	1.289	3
12	MP1B	Mx	0	3
13	MP1C	X	4.022	1
14	MP1C	Z	2.322	1
15	MP1C	Mx	.002	1
16	MP1C	X	4.022	3
17	MP1C	Z	2.322	3
18	MP1C	Mx	.002	3
19	MP4A	X	4.022	1
20	MP4A	Z	2.322	1
21	MP4A	Mx	-.002	1
22	MP4A	X	4.022	3
23	MP4A	Z	2.322	3
24	MP4A	Mx	-.002	3
25	MP4B	X	2.233	1
26	MP4B	Z	1.289	1
27	MP4B	Mx	0	1
28	MP4B	X	2.233	3
29	MP4B	Z	1.289	3
30	MP4B	Mx	0	3
31	MP4C	X	4.022	1
32	MP4C	Z	2.322	1
33	MP4C	Mx	.002	1
34	MP4C	X	4.022	3
35	MP4C	Z	2.322	3
36	MP4C	Mx	.002	3
37	MP2A	X	5.155	1
38	MP2A	Z	2.976	1
39	MP2A	Mx	-.004	1
40	MP2A	X	5.155	5
41	MP2A	Z	2.976	5
42	MP2A	Mx	-.004	5
43	MP2B	X	6.912	1
44	MP2B	Z	3.991	1
45	MP2B	Mx	.004	1
46	MP2B	X	6.912	5
47	MP2B	Z	3.991	5
48	MP2B	Mx	.004	5
49	MP2C	X	5.155	1
50	MP2C	Z	2.976	1
51	MP2C	Mx	.000965	1
52	MP2C	X	5.155	5
53	MP2C	Z	2.976	5
54	MP2C	Mx	.000965	5
55	MP2A	X	5.155	1
56	MP2A	Z	2.976	1
57	MP2A	Mx	-.000965	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft, %]
58	MP2A	X	5.155	5
59	MP2A	Z	2.976	5
60	MP2A	Mx	-.000965	5
61	MP2B	X	6.912	1
62	MP2B	Z	3.991	1
63	MP2B	Mx	-.004	1
64	MP2B	X	6.912	5
65	MP2B	Z	3.991	5
66	MP2B	Mx	-.004	5
67	MP2C	X	5.155	1
68	MP2C	Z	2.976	1
69	MP2C	Mx	.004	1
70	MP2C	X	5.155	5
71	MP2C	Z	2.976	5
72	MP2C	Mx	.004	5
73	MP3A	X	2.186	2
74	MP3A	Z	1.262	2
75	MP3A	Mx	-.001	2
76	MP3A	X	2.186	4
77	MP3A	Z	1.262	4
78	MP3A	Mx	-.001	4
79	MP3B	X	4.021	2
80	MP3B	Z	2.321	2
81	MP3B	Mx	0	2
82	MP3B	X	4.021	4
83	MP3B	Z	2.321	4
84	MP3B	Mx	0	4
85	MP3C	X	2.186	2
86	MP3C	Z	1.262	2
87	MP3C	Mx	.001	2
88	MP3C	X	2.186	4
89	MP3C	Z	1.262	4
90	MP3C	Mx	.001	4
91	M94	X	5.711	1
92	M94	Z	3.297	1
93	M94	Mx	0	1
94	MP1A	X	2.404	3
95	MP1A	Z	1.388	3
96	MP1A	Mx	.001	3
97	MP1B	X	2.404	3
98	MP1B	Z	1.388	3
99	MP1B	Mx	.001	3
100	MP1C	X	2.404	3
101	MP1C	Z	1.388	3
102	MP1C	Mx	.001	3
103	MP2A	X	2.404	3
104	MP2A	Z	1.388	3
105	MP2A	Mx	.001	3
106	MP2B	X	3.199	3
107	MP2B	Z	1.847	3
108	MP2B	Mx	0	3
109	MP2C	X	2.404	3
110	MP2C	Z	1.388	3
111	MP2C	Mx	-.001	3

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	MP1A	X	1.633	1
2	MP1A	Z	2.829	1
3	MP1A	Mx	-.000816	1
4	MP1A	X	1.633	3
5	MP1A	Z	2.829	3
6	MP1A	Mx	-.000816	3
7	MP1B	X	1.633	1
8	MP1B	Z	2.829	1
9	MP1B	Mx	-.000817	1
10	MP1B	X	1.633	3
11	MP1B	Z	2.829	3
12	MP1B	Mx	-.000817	3
13	MP1C	X	2.667	1
14	MP1C	Z	4.619	1
15	MP1C	Mx	.003	1
16	MP1C	X	2.667	3
17	MP1C	Z	4.619	3
18	MP1C	Mx	.003	3
19	MP4A	X	1.633	1
20	MP4A	Z	2.829	1
21	MP4A	Mx	-.000816	1
22	MP4A	X	1.633	3
23	MP4A	Z	2.829	3
24	MP4A	Mx	-.000816	3
25	MP4B	X	1.633	1
26	MP4B	Z	2.829	1
27	MP4B	Mx	-.000817	1
28	MP4B	X	1.633	3
29	MP4B	Z	2.829	3
30	MP4B	Mx	-.000817	3
31	MP4C	X	2.667	1
32	MP4C	Z	4.619	1
33	MP4C	Mx	.003	1
34	MP4C	X	2.667	3
35	MP4C	Z	4.619	3
36	MP4C	Mx	.003	3
37	MP2A	X	3.653	1
38	MP2A	Z	6.327	1
39	MP2A	Mx	-.005	1
40	MP2A	X	3.653	5
41	MP2A	Z	6.327	5
42	MP2A	Mx	-.005	5
43	MP2B	X	3.653	1
44	MP2B	Z	6.327	1
45	MP2B	Mx	.002	1
46	MP2B	X	3.653	5
47	MP2B	Z	6.327	5
48	MP2B	Mx	.002	5
49	MP2C	X	2.638	1
50	MP2C	Z	4.57	1
51	MP2C	Mx	.003	1
52	MP2C	X	2.638	5
53	MP2C	Z	4.57	5
54	MP2C	Mx	.003	5
55	MP2A	X	3.653	1
56	MP2A	Z	6.327	1
57	MP2A	Mx	.002	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
58	MP2A	X	3.653	5
59	MP2A	Z	6.327	5
60	MP2A	Mx	.002	5
61	MP2B	X	3.653	1
62	MP2B	Z	6.327	1
63	MP2B	Mx	-.005	1
64	MP2B	X	3.653	5
65	MP2B	Z	6.327	5
66	MP2B	Mx	-.005	5
67	MP2C	X	2.638	1
68	MP2C	Z	4.57	1
69	MP2C	Mx	.003	1
70	MP2C	X	2.638	5
71	MP2C	Z	4.57	5
72	MP2C	Mx	.003	5
73	MP3A	X	1.968	2
74	MP3A	Z	3.409	2
75	MP3A	Mx	-.000984	2
76	MP3A	X	1.968	4
77	MP3A	Z	3.409	4
78	MP3A	Mx	-.000984	4
79	MP3B	X	1.968	2
80	MP3B	Z	3.409	2
81	MP3B	Mx	-.000984	2
82	MP3B	X	1.968	4
83	MP3B	Z	3.409	4
84	MP3B	Mx	-.000984	4
85	MP3C	X	.909	2
86	MP3C	Z	1.574	2
87	MP3C	Mx	.000909	2
88	MP3C	X	.909	4
89	MP3C	Z	1.574	4
90	MP3C	Mx	.000909	4
91	M94	X	3.773	1
92	M94	Z	6.535	1
93	M94	Mx	0	1
94	MP1A	X	1.694	3
95	MP1A	Z	2.934	3
96	MP1A	Mx	.000847	3
97	MP1B	X	1.694	3
98	MP1B	Z	2.934	3
99	MP1B	Mx	.000847	3
100	MP1C	X	1.694	3
101	MP1C	Z	2.934	3
102	MP1C	Mx	.000847	3
103	MP2A	X	1.694	3
104	MP2A	Z	2.934	3
105	MP2A	Mx	.000847	3
106	MP2B	X	1.694	3
107	MP2B	Z	2.934	3
108	MP2B	Mx	.000847	3
109	MP2C	X	1.235	3
110	MP2C	Z	2.139	3
111	MP2C	Mx	-.001	3

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

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP1A	X	0	1
2	MP1A	Z	2.578	1
3	MP1A	Mx	0	1
4	MP1A	X	0	3
5	MP1A	Z	2.578	3
6	MP1A	Mx	0	3
7	MP1B	X	0	1
8	MP1B	Z	4.644	1
9	MP1B	Mx	-.002	1
10	MP1B	X	0	3
11	MP1B	Z	4.644	3
12	MP1B	Mx	-.002	3
13	MP1C	X	0	1
14	MP1C	Z	4.644	1
15	MP1C	Mx	.002	1
16	MP1C	X	0	3
17	MP1C	Z	4.644	3
18	MP1C	Mx	.002	3
19	MP4A	X	0	1
20	MP4A	Z	2.578	1
21	MP4A	Mx	0	1
22	MP4A	X	0	3
23	MP4A	Z	2.578	3
24	MP4A	Mx	0	3
25	MP4B	X	0	1
26	MP4B	Z	4.644	1
27	MP4B	Mx	-.002	1
28	MP4B	X	0	3
29	MP4B	Z	4.644	3
30	MP4B	Mx	-.002	3
31	MP4C	X	0	1
32	MP4C	Z	4.644	1
33	MP4C	Mx	.002	1
34	MP4C	X	0	3
35	MP4C	Z	4.644	3
36	MP4C	Mx	.002	3
37	MP2A	X	0	1
38	MP2A	Z	7.982	1
39	MP2A	Mx	-.004	1
40	MP2A	X	0	5
41	MP2A	Z	7.982	5
42	MP2A	Mx	-.004	5
43	MP2B	X	0	1
44	MP2B	Z	5.953	1
45	MP2B	Mx	-.000965	1
46	MP2B	X	0	5
47	MP2B	Z	5.953	5
48	MP2B	Mx	-.000965	5
49	MP2C	X	0	1
50	MP2C	Z	5.953	1
51	MP2C	Mx	.004	1
52	MP2C	X	0	5
53	MP2C	Z	5.953	5
54	MP2C	Mx	.004	5
55	MP2A	X	0	1
56	MP2A	Z	7.982	1
57	MP2A	Mx	.004	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
58	MP2A	X	0	5
59	MP2A	Z	7.982	5
60	MP2A	Mx	.004	5
61	MP2B	X	0	1
62	MP2B	Z	5.953	1
63	MP2B	Mx	-.004	1
64	MP2B	X	0	5
65	MP2B	Z	5.953	5
66	MP2B	Mx	-.004	5
67	MP2C	X	0	1
68	MP2C	Z	5.953	1
69	MP2C	Mx	.000965	1
70	MP2C	X	0	5
71	MP2C	Z	5.953	5
72	MP2C	Mx	.000965	5
73	MP3A	X	0	2
74	MP3A	Z	4.643	2
75	MP3A	Mx	0	2
76	MP3A	X	0	4
77	MP3A	Z	4.643	4
78	MP3A	Mx	0	4
79	MP3B	X	0	2
80	MP3B	Z	2.524	2
81	MP3B	Mx	-.001	2
82	MP3B	X	0	4
83	MP3B	Z	2.524	4
84	MP3B	Mx	-.001	4
85	MP3C	X	0	2
86	MP3C	Z	2.524	2
87	MP3C	Mx	.001	2
88	MP3C	X	0	4
89	MP3C	Z	2.524	4
90	MP3C	Mx	.001	4
91	M94	X	0	1
92	M94	Z	8.021	1
93	M94	Mx	0	1
94	MP1A	X	0	3
95	MP1A	Z	3.694	3
96	MP1A	Mx	0	3
97	MP1B	X	0	3
98	MP1B	Z	3.694	3
99	MP1B	Mx	0	3
100	MP1C	X	0	3
101	MP1C	Z	3.694	3
102	MP1C	Mx	0	3
103	MP2A	X	0	3
104	MP2A	Z	3.694	3
105	MP2A	Mx	0	3
106	MP2B	X	0	3
107	MP2B	Z	2.776	3
108	MP2B	Mx	.001	3
109	MP2C	X	0	3
110	MP2C	Z	2.776	3
111	MP2C	Mx	-.001	3

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

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP1A	X	-1.633	1
2	MP1A	Z	2.829	1
3	MP1A	Mx	.000816	1
4	MP1A	X	-1.633	3
5	MP1A	Z	2.829	3
6	MP1A	Mx	.000816	3
7	MP1B	X	-2.667	1
8	MP1B	Z	4.619	1
9	MP1B	Mx	-.003	1
10	MP1B	X	-2.667	3
11	MP1B	Z	4.619	3
12	MP1B	Mx	-.003	3
13	MP1C	X	-1.633	1
14	MP1C	Z	2.829	1
15	MP1C	Mx	.000817	1
16	MP1C	X	-1.633	3
17	MP1C	Z	2.829	3
18	MP1C	Mx	.000817	3
19	MP4A	X	-1.633	1
20	MP4A	Z	2.829	1
21	MP4A	Mx	.000816	1
22	MP4A	X	-1.633	3
23	MP4A	Z	2.829	3
24	MP4A	Mx	.000816	3
25	MP4B	X	-2.667	1
26	MP4B	Z	4.619	1
27	MP4B	Mx	-.003	1
28	MP4B	X	-2.667	3
29	MP4B	Z	4.619	3
30	MP4B	Mx	-.003	3
31	MP4C	X	-1.633	1
32	MP4C	Z	2.829	1
33	MP4C	Mx	.000817	1
34	MP4C	X	-1.633	3
35	MP4C	Z	2.829	3
36	MP4C	Mx	.000817	3
37	MP2A	X	-3.653	1
38	MP2A	Z	6.327	1
39	MP2A	Mx	-.002	1
40	MP2A	X	-3.653	5
41	MP2A	Z	6.327	5
42	MP2A	Mx	-.002	5
43	MP2B	X	-2.638	1
44	MP2B	Z	4.57	1
45	MP2B	Mx	-.003	1
46	MP2B	X	-2.638	5
47	MP2B	Z	4.57	5
48	MP2B	Mx	-.003	5
49	MP2C	X	-3.653	1
50	MP2C	Z	6.327	1
51	MP2C	Mx	.005	1
52	MP2C	X	-3.653	5
53	MP2C	Z	6.327	5
54	MP2C	Mx	.005	5
55	MP2A	X	-3.653	1
56	MP2A	Z	6.327	1
57	MP2A	Mx	.005	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
58	MP2A	X	-3.653	5
59	MP2A	Z	6.327	5
60	MP2A	Mx	.005	5
61	MP2B	X	-2.638	1
62	MP2B	Z	4.57	1
63	MP2B	Mx	-.003	1
64	MP2B	X	-2.638	5
65	MP2B	Z	4.57	5
66	MP2B	Mx	-.003	5
67	MP2C	X	-3.653	1
68	MP2C	Z	6.327	1
69	MP2C	Mx	-.002	1
70	MP2C	X	-3.653	5
71	MP2C	Z	6.327	5
72	MP2C	Mx	-.002	5
73	MP3A	X	-1.968	2
74	MP3A	Z	3.409	2
75	MP3A	Mx	.000984	2
76	MP3A	X	-1.968	4
77	MP3A	Z	3.409	4
78	MP3A	Mx	.000984	4
79	MP3B	X	-.909	2
80	MP3B	Z	1.574	2
81	MP3B	Mx	-.000909	2
82	MP3B	X	-.909	4
83	MP3B	Z	1.574	4
84	MP3B	Mx	-.000909	4
85	MP3C	X	-1.968	2
86	MP3C	Z	3.409	2
87	MP3C	Mx	.000984	2
88	MP3C	X	-1.968	4
89	MP3C	Z	3.409	4
90	MP3C	Mx	.000984	4
91	M94	X	-3.773	1
92	M94	Z	6.535	1
93	M94	Mx	0	1
94	MP1A	X	-1.694	3
95	MP1A	Z	2.934	3
96	MP1A	Mx	-.000847	3
97	MP1B	X	-1.694	3
98	MP1B	Z	2.934	3
99	MP1B	Mx	-.000847	3
100	MP1C	X	-1.694	3
101	MP1C	Z	2.934	3
102	MP1C	Mx	-.000847	3
103	MP2A	X	-1.694	3
104	MP2A	Z	2.934	3
105	MP2A	Mx	-.000847	3
106	MP2B	X	-1.235	3
107	MP2B	Z	2.139	3
108	MP2B	Mx	.001	3
109	MP2C	X	-1.694	3
110	MP2C	Z	2.934	3
111	MP2C	Mx	-.000847	3

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

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP1A	X	-4.022	1
2	MP1A	Z	2.322	1
3	MP1A	Mx	.002	1
4	MP1A	X	-4.022	3
5	MP1A	Z	2.322	3
6	MP1A	Mx	.002	3
7	MP1B	X	-4.022	1
8	MP1B	Z	2.322	1
9	MP1B	Mx	-.002	1
10	MP1B	X	-4.022	3
11	MP1B	Z	2.322	3
12	MP1B	Mx	-.002	3
13	MP1C	X	-2.233	1
14	MP1C	Z	1.289	1
15	MP1C	Mx	0	1
16	MP1C	X	-2.233	3
17	MP1C	Z	1.289	3
18	MP1C	Mx	0	3
19	MP4A	X	-4.022	1
20	MP4A	Z	2.322	1
21	MP4A	Mx	.002	1
22	MP4A	X	-4.022	3
23	MP4A	Z	2.322	3
24	MP4A	Mx	.002	3
25	MP4B	X	-4.022	1
26	MP4B	Z	2.322	1
27	MP4B	Mx	-.002	1
28	MP4B	X	-4.022	3
29	MP4B	Z	2.322	3
30	MP4B	Mx	-.002	3
31	MP4C	X	-2.233	1
32	MP4C	Z	1.289	1
33	MP4C	Mx	0	1
34	MP4C	X	-2.233	3
35	MP4C	Z	1.289	3
36	MP4C	Mx	0	3
37	MP2A	X	-5.155	1
38	MP2A	Z	2.976	1
39	MP2A	Mx	.000965	1
40	MP2A	X	-5.155	5
41	MP2A	Z	2.976	5
42	MP2A	Mx	.000965	5
43	MP2B	X	-5.155	1
44	MP2B	Z	2.976	1
45	MP2B	Mx	-.004	1
46	MP2B	X	-5.155	5
47	MP2B	Z	2.976	5
48	MP2B	Mx	-.004	5
49	MP2C	X	-6.912	1
50	MP2C	Z	3.991	1
51	MP2C	Mx	.004	1
52	MP2C	X	-6.912	5
53	MP2C	Z	3.991	5
54	MP2C	Mx	.004	5
55	MP2A	X	-5.155	1
56	MP2A	Z	2.976	1
57	MP2A	Mx	.004	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft, %]
58	MP2A	X	-5.155	5
59	MP2A	Z	2.976	5
60	MP2A	Mx	.004	5
61	MP2B	X	-5.155	1
62	MP2B	Z	2.976	1
63	MP2B	Mx	-.000965	1
64	MP2B	X	-5.155	5
65	MP2B	Z	2.976	5
66	MP2B	Mx	-.000965	5
67	MP2C	X	-6.912	1
68	MP2C	Z	3.991	1
69	MP2C	Mx	-.004	1
70	MP2C	X	-6.912	5
71	MP2C	Z	3.991	5
72	MP2C	Mx	-.004	5
73	MP3A	X	-2.186	2
74	MP3A	Z	1.262	2
75	MP3A	Mx	.001	2
76	MP3A	X	-2.186	4
77	MP3A	Z	1.262	4
78	MP3A	Mx	.001	4
79	MP3B	X	-2.186	2
80	MP3B	Z	1.262	2
81	MP3B	Mx	-.001	2
82	MP3B	X	-2.186	4
83	MP3B	Z	1.262	4
84	MP3B	Mx	-.001	4
85	MP3C	X	-4.021	2
86	MP3C	Z	2.321	2
87	MP3C	Mx	0	2
88	MP3C	X	-4.021	4
89	MP3C	Z	2.321	4
90	MP3C	Mx	0	4
91	M94	X	-5.711	1
92	M94	Z	3.297	1
93	M94	Mx	0	1
94	MP1A	X	-2.404	3
95	MP1A	Z	1.388	3
96	MP1A	Mx	-.001	3
97	MP1B	X	-2.404	3
98	MP1B	Z	1.388	3
99	MP1B	Mx	-.001	3
100	MP1C	X	-2.404	3
101	MP1C	Z	1.388	3
102	MP1C	Mx	-.001	3
103	MP2A	X	-2.404	3
104	MP2A	Z	1.388	3
105	MP2A	Mx	-.001	3
106	MP2B	X	-2.404	3
107	MP2B	Z	1.388	3
108	MP2B	Mx	.001	3
109	MP2C	X	-3.199	3
110	MP2C	Z	1.847	3
111	MP2C	Mx	0	3

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	MP1A	X	-5.333	1
2	MP1A	Z	0	1
3	MP1A	Mx	.003	1
4	MP1A	X	-5.333	3
5	MP1A	Z	0	3
6	MP1A	Mx	.003	3
7	MP1B	X	-3.267	1
8	MP1B	Z	0	1
9	MP1B	Mx	-.000817	1
10	MP1B	X	-3.267	3
11	MP1B	Z	0	3
12	MP1B	Mx	-.000817	3
13	MP1C	X	-3.267	1
14	MP1C	Z	0	1
15	MP1C	Mx	-.000817	1
16	MP1C	X	-3.267	3
17	MP1C	Z	0	3
18	MP1C	Mx	-.000817	3
19	MP4A	X	-5.333	1
20	MP4A	Z	0	1
21	MP4A	Mx	.003	1
22	MP4A	X	-5.333	3
23	MP4A	Z	0	3
24	MP4A	Mx	.003	3
25	MP4B	X	-3.267	1
26	MP4B	Z	0	1
27	MP4B	Mx	-.000817	1
28	MP4B	X	-3.267	3
29	MP4B	Z	0	3
30	MP4B	Mx	-.000817	3
31	MP4C	X	-3.267	1
32	MP4C	Z	0	1
33	MP4C	Mx	-.000817	1
34	MP4C	X	-3.267	3
35	MP4C	Z	0	3
36	MP4C	Mx	-.000817	3
37	MP2A	X	-5.277	1
38	MP2A	Z	0	1
39	MP2A	Mx	.003	1
40	MP2A	X	-5.277	5
41	MP2A	Z	0	5
42	MP2A	Mx	.003	5
43	MP2B	X	-7.305	1
44	MP2B	Z	0	1
45	MP2B	Mx	-.005	1
46	MP2B	X	-7.305	5
47	MP2B	Z	0	5
48	MP2B	Mx	-.005	5
49	MP2C	X	-7.305	1
50	MP2C	Z	0	1
51	MP2C	Mx	.002	1
52	MP2C	X	-7.305	5
53	MP2C	Z	0	5
54	MP2C	Mx	.002	5
55	MP2A	X	-5.277	1
56	MP2A	Z	0	1
57	MP2A	Mx	.003	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft, %]
58	MP2A	X	-5.277	5
59	MP2A	Z	0	5
60	MP2A	Mx	.003	5
61	MP2B	X	-7.305	1
62	MP2B	Z	0	1
63	MP2B	Mx	.002	1
64	MP2B	X	-7.305	5
65	MP2B	Z	0	5
66	MP2B	Mx	.002	5
67	MP2C	X	-7.305	1
68	MP2C	Z	0	1
69	MP2C	Mx	-.005	1
70	MP2C	X	-7.305	5
71	MP2C	Z	0	5
72	MP2C	Mx	-.005	5
73	MP3A	X	-1.818	2
74	MP3A	Z	0	2
75	MP3A	Mx	.000909	2
76	MP3A	X	-1.818	4
77	MP3A	Z	0	4
78	MP3A	Mx	.000909	4
79	MP3B	X	-3.936	2
80	MP3B	Z	0	2
81	MP3B	Mx	-.000984	2
82	MP3B	X	-3.936	4
83	MP3B	Z	0	4
84	MP3B	Mx	-.000984	4
85	MP3C	X	-3.936	2
86	MP3C	Z	0	2
87	MP3C	Mx	-.000984	2
88	MP3C	X	-3.936	4
89	MP3C	Z	0	4
90	MP3C	Mx	-.000984	4
91	M94	X	-6.12	1
92	M94	Z	0	1
93	M94	Mx	0	1
94	MP1A	X	-2.47	3
95	MP1A	Z	0	3
96	MP1A	Mx	-.001	3
97	MP1B	X	-2.47	3
98	MP1B	Z	0	3
99	MP1B	Mx	-.001	3
100	MP1C	X	-2.47	3
101	MP1C	Z	0	3
102	MP1C	Mx	-.001	3
103	MP2A	X	-2.47	3
104	MP2A	Z	0	3
105	MP2A	Mx	-.001	3
106	MP2B	X	-3.388	3
107	MP2B	Z	0	3
108	MP2B	Mx	.000847	3
109	MP2C	X	-3.388	3
110	MP2C	Z	0	3
111	MP2C	Mx	.000847	3

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

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP1A	X	-4.022	1
2	MP1A	Z	-2.322	1
3	MP1A	Mx	.002	1
4	MP1A	X	-4.022	3
5	MP1A	Z	-2.322	3
6	MP1A	Mx	.002	3
7	MP1B	X	-2.233	1
8	MP1B	Z	-1.289	1
9	MP1B	Mx	0	1
10	MP1B	X	-2.233	3
11	MP1B	Z	-1.289	3
12	MP1B	Mx	0	3
13	MP1C	X	-4.022	1
14	MP1C	Z	-2.322	1
15	MP1C	Mx	-.002	1
16	MP1C	X	-4.022	3
17	MP1C	Z	-2.322	3
18	MP1C	Mx	-.002	3
19	MP4A	X	-4.022	1
20	MP4A	Z	-2.322	1
21	MP4A	Mx	.002	1
22	MP4A	X	-4.022	3
23	MP4A	Z	-2.322	3
24	MP4A	Mx	.002	3
25	MP4B	X	-2.233	1
26	MP4B	Z	-1.289	1
27	MP4B	Mx	0	1
28	MP4B	X	-2.233	3
29	MP4B	Z	-1.289	3
30	MP4B	Mx	0	3
31	MP4C	X	-4.022	1
32	MP4C	Z	-2.322	1
33	MP4C	Mx	-.002	1
34	MP4C	X	-4.022	3
35	MP4C	Z	-2.322	3
36	MP4C	Mx	-.002	3
37	MP2A	X	-5.155	1
38	MP2A	Z	-2.976	1
39	MP2A	Mx	.004	1
40	MP2A	X	-5.155	5
41	MP2A	Z	-2.976	5
42	MP2A	Mx	.004	5
43	MP2B	X	-6.912	1
44	MP2B	Z	-3.991	1
45	MP2B	Mx	-.004	1
46	MP2B	X	-6.912	5
47	MP2B	Z	-3.991	5
48	MP2B	Mx	-.004	5
49	MP2C	X	-5.155	1
50	MP2C	Z	-2.976	1
51	MP2C	Mx	-.000965	1
52	MP2C	X	-5.155	5
53	MP2C	Z	-2.976	5
54	MP2C	Mx	-.000965	5
55	MP2A	X	-5.155	1
56	MP2A	Z	-2.976	1
57	MP2A	Mx	.000965	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
58	MP2A	X	-5.155	5
59	MP2A	Z	-2.976	5
60	MP2A	Mx	.000965	5
61	MP2B	X	-6.912	1
62	MP2B	Z	-3.991	1
63	MP2B	Mx	.004	1
64	MP2B	X	-6.912	5
65	MP2B	Z	-3.991	5
66	MP2B	Mx	.004	5
67	MP2C	X	-5.155	1
68	MP2C	Z	-2.976	1
69	MP2C	Mx	-.004	1
70	MP2C	X	-5.155	5
71	MP2C	Z	-2.976	5
72	MP2C	Mx	-.004	5
73	MP3A	X	-2.186	2
74	MP3A	Z	-1.262	2
75	MP3A	Mx	.001	2
76	MP3A	X	-2.186	4
77	MP3A	Z	-1.262	4
78	MP3A	Mx	.001	4
79	MP3B	X	-4.021	2
80	MP3B	Z	-2.321	2
81	MP3B	Mx	0	2
82	MP3B	X	-4.021	4
83	MP3B	Z	-2.321	4
84	MP3B	Mx	0	4
85	MP3C	X	-2.186	2
86	MP3C	Z	-1.262	2
87	MP3C	Mx	-.001	2
88	MP3C	X	-2.186	4
89	MP3C	Z	-1.262	4
90	MP3C	Mx	-.001	4
91	M94	X	-5.711	1
92	M94	Z	-3.297	1
93	M94	Mx	0	1
94	MP1A	X	-2.404	3
95	MP1A	Z	-1.388	3
96	MP1A	Mx	-.001	3
97	MP1B	X	-2.404	3
98	MP1B	Z	-1.388	3
99	MP1B	Mx	-.001	3
100	MP1C	X	-2.404	3
101	MP1C	Z	-1.388	3
102	MP1C	Mx	-.001	3
103	MP2A	X	-2.404	3
104	MP2A	Z	-1.388	3
105	MP2A	Mx	-.001	3
106	MP2B	X	-3.199	3
107	MP2B	Z	-1.847	3
108	MP2B	Mx	0	3
109	MP2C	X	-2.404	3
110	MP2C	Z	-1.388	3
111	MP2C	Mx	.001	3

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

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP1A	X	-1.633	1
2	MP1A	Z	-2.829	1
3	MP1A	Mx	.000816	1
4	MP1A	X	-1.633	3
5	MP1A	Z	-2.829	3
6	MP1A	Mx	.000816	3
7	MP1B	X	-1.633	1
8	MP1B	Z	-2.829	1
9	MP1B	Mx	.000817	1
10	MP1B	X	-1.633	3
11	MP1B	Z	-2.829	3
12	MP1B	Mx	.000817	3
13	MP1C	X	-2.667	1
14	MP1C	Z	-4.619	1
15	MP1C	Mx	-.003	1
16	MP1C	X	-2.667	3
17	MP1C	Z	-4.619	3
18	MP1C	Mx	-.003	3
19	MP4A	X	-1.633	1
20	MP4A	Z	-2.829	1
21	MP4A	Mx	.000816	1
22	MP4A	X	-1.633	3
23	MP4A	Z	-2.829	3
24	MP4A	Mx	.000816	3
25	MP4B	X	-1.633	1
26	MP4B	Z	-2.829	1
27	MP4B	Mx	.000817	1
28	MP4B	X	-1.633	3
29	MP4B	Z	-2.829	3
30	MP4B	Mx	.000817	3
31	MP4C	X	-2.667	1
32	MP4C	Z	-4.619	1
33	MP4C	Mx	-.003	1
34	MP4C	X	-2.667	3
35	MP4C	Z	-4.619	3
36	MP4C	Mx	-.003	3
37	MP2A	X	-3.653	1
38	MP2A	Z	-6.327	1
39	MP2A	Mx	.005	1
40	MP2A	X	-3.653	5
41	MP2A	Z	-6.327	5
42	MP2A	Mx	.005	5
43	MP2B	X	-3.653	1
44	MP2B	Z	-6.327	1
45	MP2B	Mx	-.002	1
46	MP2B	X	-3.653	5
47	MP2B	Z	-6.327	5
48	MP2B	Mx	-.002	5
49	MP2C	X	-2.638	1
50	MP2C	Z	-4.57	1
51	MP2C	Mx	-.003	1
52	MP2C	X	-2.638	5
53	MP2C	Z	-4.57	5
54	MP2C	Mx	-.003	5
55	MP2A	X	-3.653	1
56	MP2A	Z	-6.327	1
57	MP2A	Mx	-.002	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
58	MP2A	X	-3.653	5
59	MP2A	Z	-6.327	5
60	MP2A	Mx	-.002	5
61	MP2B	X	-3.653	1
62	MP2B	Z	-6.327	1
63	MP2B	Mx	.005	1
64	MP2B	X	-3.653	5
65	MP2B	Z	-6.327	5
66	MP2B	Mx	.005	5
67	MP2C	X	-2.638	1
68	MP2C	Z	-4.57	1
69	MP2C	Mx	-.003	1
70	MP2C	X	-2.638	5
71	MP2C	Z	-4.57	5
72	MP2C	Mx	-.003	5
73	MP3A	X	-1.968	2
74	MP3A	Z	-3.409	2
75	MP3A	Mx	.000984	2
76	MP3A	X	-1.968	4
77	MP3A	Z	-3.409	4
78	MP3A	Mx	.000984	4
79	MP3B	X	-1.968	2
80	MP3B	Z	-3.409	2
81	MP3B	Mx	.000984	2
82	MP3B	X	-1.968	4
83	MP3B	Z	-3.409	4
84	MP3B	Mx	.000984	4
85	MP3C	X	-.909	2
86	MP3C	Z	-1.574	2
87	MP3C	Mx	-.000909	2
88	MP3C	X	-.909	4
89	MP3C	Z	-1.574	4
90	MP3C	Mx	-.000909	4
91	M94	X	-3.773	1
92	M94	Z	-6.535	1
93	M94	Mx	0	1
94	MP1A	X	-1.694	3
95	MP1A	Z	-2.934	3
96	MP1A	Mx	-.000847	3
97	MP1B	X	-1.694	3
98	MP1B	Z	-2.934	3
99	MP1B	Mx	-.000847	3
100	MP1C	X	-1.694	3
101	MP1C	Z	-2.934	3
102	MP1C	Mx	-.000847	3
103	MP2A	X	-1.694	3
104	MP2A	Z	-2.934	3
105	MP2A	Mx	-.000847	3
106	MP2B	X	-1.694	3
107	MP2B	Z	-2.934	3
108	MP2B	Mx	-.000847	3
109	MP2C	X	-1.235	3
110	MP2C	Z	-2.139	3
111	MP2C	Mx	.001	3

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	M148A	Y	-500	0

Member Point Loads (BLC 78 : Lm2)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	M146A	Y	-500	0

Member Point Loads (BLC 79 : Lv1)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	M20	Y	-250	%50

Member Point Loads (BLC 80 : Lv2)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	M20	Y	-250	%100

Member Point Loads (BLC 81 : Antenna Ev)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP1A	Y	-.118	1
2	MP1A	My	-5.9e-5	1
3	MP1A	Mz	0	1
4	MP1A	Y	-.118	3
5	MP1A	My	-5.9e-5	3
6	MP1A	Mz	0	3
7	MP1B	Y	-.118	1
8	MP1B	My	2.9e-5	1
9	MP1B	Mz	-5.1e-5	1
10	MP1B	Y	-.118	3
11	MP1B	My	2.9e-5	3
12	MP1B	Mz	-5.1e-5	3
13	MP1C	Y	-.118	1
14	MP1C	My	2.9e-5	1
15	MP1C	Mz	5.1e-5	1
16	MP1C	Y	-.118	3
17	MP1C	My	2.9e-5	3
18	MP1C	Mz	5.1e-5	3
19	MP4A	Y	-.118	1
20	MP4A	My	-5.9e-5	1
21	MP4A	Mz	0	1
22	MP4A	Y	-.118	3
23	MP4A	My	-5.9e-5	3
24	MP4A	Mz	0	3
25	MP4B	Y	-.118	1
26	MP4B	My	2.9e-5	1
27	MP4B	Mz	-5.1e-5	1
28	MP4B	Y	-.118	3
29	MP4B	My	2.9e-5	3
30	MP4B	Mz	-5.1e-5	3
31	MP4C	Y	-.118	1
32	MP4C	My	2.9e-5	1
33	MP4C	Mz	5.1e-5	1
34	MP4C	Y	-.118	3
35	MP4C	My	2.9e-5	3
36	MP4C	Mz	5.1e-5	3
37	MP2A	Y	-.429	1
38	MP2A	My	-.000214	1
39	MP2A	Mz	-.000232	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
40	MP2A	Y	-.429	5
41	MP2A	My	-.000214	5
42	MP2A	Mz	-.000232	5
43	MP2B	Y	-.429	1
44	MP2B	My	.000308	1
45	MP2B	Mz	-7e-5	1
46	MP2B	Y	-.429	5
47	MP2B	My	.000308	5
48	MP2B	Mz	-7e-5	5
49	MP2C	Y	-.429	1
50	MP2C	My	-9.4e-5	1
51	MP2C	Mz	.000302	1
52	MP2C	Y	-.429	5
53	MP2C	My	-9.4e-5	5
54	MP2C	Mz	.000302	5
55	MP2A	Y	-.429	1
56	MP2A	My	-.000214	1
57	MP2A	Mz	.000232	1
58	MP2A	Y	-.429	5
59	MP2A	My	-.000214	5
60	MP2A	Mz	.000232	5
61	MP2B	Y	-.429	1
62	MP2B	My	-9.4e-5	1
63	MP2B	Mz	-.000302	1
64	MP2B	Y	-.429	5
65	MP2B	My	-9.4e-5	5
66	MP2B	Mz	-.000302	5
67	MP2C	Y	-.429	1
68	MP2C	My	.000308	1
69	MP2C	Mz	7e-5	1
70	MP2C	Y	-.429	5
71	MP2C	My	.000308	5
72	MP2C	Mz	7e-5	5
73	MP3A	Y	-.855	2
74	MP3A	My	-.000427	2
75	MP3A	Mz	0	2
76	MP3A	Y	-.855	4
77	MP3A	My	-.000427	4
78	MP3A	Mz	0	4
79	MP3B	Y	-.855	2
80	MP3B	My	.000214	2
81	MP3B	Mz	-.00037	2
82	MP3B	Y	-.855	4
83	MP3B	My	.000214	4
84	MP3B	Mz	-.00037	4
85	MP3C	Y	-.855	2
86	MP3C	My	.000214	2
87	MP3C	Mz	.00037	2
88	MP3C	Y	-.855	4
89	MP3C	My	.000214	4
90	MP3C	Mz	.00037	4
91	M94	Y	-.628	1
92	M94	My	0	1
93	M94	Mz	0	1
94	MP1A	Y	-1.466	3
95	MP1A	My	.000733	3
96	MP1A	Mz	0	3

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
97	MP1B	Y	-1.466	3
98	MP1B	My	.000733	3
99	MP1B	Mz	0	3
100	MP1C	Y	-1.466	3
101	MP1C	My	.000733	3
102	MP1C	Mz	0	3
103	MP2A	Y	-1.466	3
104	MP2A	My	.000733	3
105	MP2A	Mz	0	3
106	MP2B	Y	-1.466	3
107	MP2B	My	-.000367	3
108	MP2B	Mz	.000635	3
109	MP2C	Y	-1.466	3
110	MP2C	My	-.000367	3
111	MP2C	Mz	-.000635	3

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP1A	Z	-.294	1
2	MP1A	Mx	0	1
3	MP1A	Z	-.294	3
4	MP1A	Mx	0	3
5	MP1B	Z	-.294	1
6	MP1B	Mx	.000127	1
7	MP1B	Z	-.294	3
8	MP1B	Mx	.000127	3
9	MP1C	Z	-.294	1
10	MP1C	Mx	-.000127	1
11	MP1C	Z	-.294	3
12	MP1C	Mx	-.000127	3
13	MP4A	Z	-.294	1
14	MP4A	Mx	0	1
15	MP4A	Z	-.294	3
16	MP4A	Mx	0	3
17	MP4B	Z	-.294	1
18	MP4B	Mx	.000127	1
19	MP4B	Z	-.294	3
20	MP4B	Mx	.000127	3
21	MP4C	Z	-.294	1
22	MP4C	Mx	-.000127	1
23	MP4C	Z	-.294	3
24	MP4C	Mx	-.000127	3
25	MP2A	Z	-1.072	1
26	MP2A	Mx	.000581	1
27	MP2A	Z	-1.072	5
28	MP2A	Mx	.000581	5
29	MP2B	Z	-1.072	1
30	MP2B	Mx	.000174	1
31	MP2B	Z	-1.072	5
32	MP2B	Mx	.000174	5
33	MP2C	Z	-1.072	1
34	MP2C	Mx	-.000755	1
35	MP2C	Z	-1.072	5
36	MP2C	Mx	-.000755	5
37	MP2A	Z	-1.072	1
38	MP2A	Mx	-.000581	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
39	MP2A	Z	-1.072	5
40	MP2A	Mx	-.000581	5
41	MP2B	Z	-1.072	1
42	MP2B	Mx	.000755	1
43	MP2B	Z	-1.072	5
44	MP2B	Mx	.000755	5
45	MP2C	Z	-1.072	1
46	MP2C	Mx	-.000174	1
47	MP2C	Z	-1.072	5
48	MP2C	Mx	-.000174	5
49	MP3A	Z	-2.137	2
50	MP3A	Mx	0	2
51	MP3A	Z	-2.137	4
52	MP3A	Mx	0	4
53	MP3B	Z	-2.137	2
54	MP3B	Mx	.000925	2
55	MP3B	Z	-2.137	4
56	MP3B	Mx	.000925	4
57	MP3C	Z	-2.137	2
58	MP3C	Mx	-.000925	2
59	MP3C	Z	-2.137	4
60	MP3C	Mx	-.000925	4
61	M94	Z	-1.57	1
62	M94	Mx	0	1
63	MP1A	Z	-3.665	3
64	MP1A	Mx	0	3
65	MP1B	Z	-3.665	3
66	MP1B	Mx	0	3
67	MP1C	Z	-3.665	3
68	MP1C	Mx	0	3
69	MP2A	Z	-3.665	3
70	MP2A	Mx	0	3
71	MP2B	Z	-3.665	3
72	MP2B	Mx	-.002	3
73	MP2C	Z	-3.665	3
74	MP2C	Mx	.002	3

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP1A	X	.294	1
2	MP1A	Mx	-.000147	1
3	MP1A	X	.294	3
4	MP1A	Mx	-.000147	3
5	MP1B	X	.294	1
6	MP1B	Mx	7.4e-5	1
7	MP1B	X	.294	3
8	MP1B	Mx	7.4e-5	3
9	MP1C	X	.294	1
10	MP1C	Mx	7.4e-5	1
11	MP1C	X	.294	3
12	MP1C	Mx	7.4e-5	3
13	MP4A	X	.294	1
14	MP4A	Mx	-.000147	1
15	MP4A	X	.294	3
16	MP4A	Mx	-.000147	3
17	MP4B	X	.294	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
18	MP4B	Mx	7.4e-5	1
19	MP4B	X	.294	3
20	MP4B	Mx	7.4e-5	3
21	MP4C	X	.294	1
22	MP4C	Mx	7.4e-5	1
23	MP4C	X	.294	3
24	MP4C	Mx	7.4e-5	3
25	MP2A	X	1.072	1
26	MP2A	Mx	-.000536	1
27	MP2A	X	1.072	5
28	MP2A	Mx	-.000536	5
29	MP2B	X	1.072	1
30	MP2B	Mx	.000771	1
31	MP2B	X	1.072	5
32	MP2B	Mx	.000771	5
33	MP2C	X	1.072	1
34	MP2C	Mx	-.000235	1
35	MP2C	X	1.072	5
36	MP2C	Mx	-.000235	5
37	MP2A	X	1.072	1
38	MP2A	Mx	-.000536	1
39	MP2A	X	1.072	5
40	MP2A	Mx	-.000536	5
41	MP2B	X	1.072	1
42	MP2B	Mx	-.000235	1
43	MP2B	X	1.072	5
44	MP2B	Mx	-.000235	5
45	MP2C	X	1.072	1
46	MP2C	Mx	.000771	1
47	MP2C	X	1.072	5
48	MP2C	Mx	.000771	5
49	MP3A	X	2.137	2
50	MP3A	Mx	-.001	2
51	MP3A	X	2.137	4
52	MP3A	Mx	-.001	4
53	MP3B	X	2.137	2
54	MP3B	Mx	.000534	2
55	MP3B	X	2.137	4
56	MP3B	Mx	.000534	4
57	MP3C	X	2.137	2
58	MP3C	Mx	.000534	2
59	MP3C	X	2.137	4
60	MP3C	Mx	.000534	4
61	M94	X	1.57	1
62	M94	Mx	0	1
63	MP1A	X	3.665	3
64	MP1A	Mx	.002	3
65	MP1B	X	3.665	3
66	MP1B	Mx	.002	3
67	MP1C	X	3.665	3
68	MP1C	Mx	.002	3
69	MP2A	X	3.665	3
70	MP2A	Mx	.002	3
71	MP2B	X	3.665	3
72	MP2B	Mx	-.000916	3
73	MP2C	X	3.665	3
74	MP2C	Mx	-.000916	3

Member Distributed Loads (BLC 40 : Structure Di)

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location...	End Location[f...
1	M20	Y	-6.413	-6.413	0	%100
2	MP4A	Y	-4.856	-4.856	0	%100
3	MP3A	Y	-4.856	-4.856	0	%100
4	MP2A	Y	-4.856	-4.856	0	%100
5	MP1A	Y	-4.856	-4.856	0	%100
6	M142C	Y	-9.902	-9.902	0	%100
7	M144C	Y	-9.902	-9.902	0	%100
8	M164A	Y	-9.902	-9.902	0	%100
9	M169A	Y	-9.398	-9.398	0	%100
10	M160A	Y	-9.89	-9.89	0	%100
11	M161A	Y	-9.89	-9.89	0	%100
12	M163B	Y	-9.89	-9.89	0	%100
13	M164B	Y	-9.89	-9.89	0	%100
14	M169B	Y	-9.398	-9.398	0	%100
15	M170B	Y	-9.398	-9.398	0	%100
16	M183A	Y	-5.483	-5.483	0	%100
17	M186A	Y	-5.483	-5.483	0	%100
18	M94	Y	-4.856	-4.856	0	%100
19	M34	Y	-9.902	-9.902	0	%100
20	M36	Y	-9.902	-9.902	0	%100
21	M38	Y	-9.902	-9.902	0	%100
22	M39	Y	-9.398	-9.398	0	%100
23	M40	Y	-9.89	-9.89	0	%100
24	M41	Y	-9.89	-9.89	0	%100
25	M43	Y	-9.89	-9.89	0	%100
26	M44	Y	-9.89	-9.89	0	%100
27	M46	Y	-9.398	-9.398	0	%100
28	M47	Y	-9.398	-9.398	0	%100
29	M52	Y	-5.483	-5.483	0	%100
30	M55	Y	-5.483	-5.483	0	%100
31	M58	Y	-9.902	-9.902	0	%100
32	M60	Y	-9.902	-9.902	0	%100
33	M62	Y	-9.902	-9.902	0	%100
34	M63	Y	-9.398	-9.398	0	%100
35	M64	Y	-9.89	-9.89	0	%100
36	M65	Y	-9.89	-9.89	0	%100
37	M67	Y	-9.89	-9.89	0	%100
38	M68	Y	-9.89	-9.89	0	%100
39	M70	Y	-9.398	-9.398	0	%100
40	M71	Y	-9.398	-9.398	0	%100
41	M76	Y	-5.483	-5.483	0	%100
42	M79	Y	-5.483	-5.483	0	%100
43	M82	Y	-6.413	-6.413	0	%100
44	MP4B	Y	-4.856	-4.856	0	%100
45	MP3B	Y	-4.856	-4.856	0	%100
46	MP2B	Y	-4.856	-4.856	0	%100
47	MP1B	Y	-4.856	-4.856	0	%100
48	M91	Y	-6.413	-6.413	0	%100
49	MP4C	Y	-4.856	-4.856	0	%100
50	MP3C	Y	-4.856	-4.856	0	%100
51	MP2C	Y	-4.856	-4.856	0	%100
52	MP1C	Y	-4.856	-4.856	0	%100
53	M96A	Y	-5.548	-5.548	0	%100
54	M101	Y	-5.548	-5.548	0	%100
55	M106	Y	-5.548	-5.548	0	%100
56	M117	Y	-7.441	-7.441	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location...	End Location[f...
57	M118	Y	-7.441	-7.441	0	%100
58	M119	Y	-7.441	-7.441	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location...	End Location[f...
1	M20	X	0	0	0	%100
2	M20	Z	-11.249	-11.249	0	%100
3	MP4A	X	0	0	0	%100
4	MP4A	Z	-7.633	-7.633	0	%100
5	MP3A	X	0	0	0	%100
6	MP3A	Z	-7.633	-7.633	0	%100
7	MP2A	X	0	0	0	%100
8	MP2A	Z	-7.633	-7.633	0	%100
9	MP1A	X	0	0	0	%100
10	MP1A	Z	-7.633	-7.633	0	%100
11	M142C	X	0	0	0	%100
12	M142C	Z	-5.089	-5.089	0	%100
13	M144C	X	0	0	0	%100
14	M144C	Z	-5.089	-5.089	0	%100
15	M164A	X	0	0	0	%100
16	M164A	Z	-19.284	-19.284	0	%100
17	M169A	X	0	0	0	%100
18	M169A	Z	0	0	0	%100
19	M160A	X	0	0	0	%100
20	M160A	Z	0	0	0	%100
21	M161A	X	0	0	0	%100
22	M161A	Z	-4.91	-4.91	0	%100
23	M163B	X	0	0	0	%100
24	M163B	Z	0	0	0	%100
25	M164B	X	0	0	0	%100
26	M164B	Z	-4.91	-4.91	0	%100
27	M169B	X	0	0	0	%100
28	M169B	Z	-9.755	-9.755	0	%100
29	M170B	X	0	0	0	%100
30	M170B	Z	-9.755	-9.755	0	%100
31	M183A	X	0	0	0	%100
32	M183A	Z	-2.554	-2.554	0	%100
33	M186A	X	0	0	0	%100
34	M186A	Z	-2.554	-2.554	0	%100
35	M94	X	0	0	0	%100
36	M94	Z	-6.242	-6.242	0	%100
37	M34	X	0	0	0	%100
38	M34	Z	-5.089	-5.089	0	%100
39	M36	X	0	0	0	%100
40	M36	Z	-20.355	-20.355	0	%100
41	M38	X	0	0	0	%100
42	M38	Z	-4.821	-4.821	0	%100
43	M39	X	0	0	0	%100
44	M39	Z	-8.559	-8.559	0	%100
45	M40	X	0	0	0	%100
46	M40	Z	-14.552	-14.552	0	%100
47	M41	X	0	0	0	%100
48	M41	Z	-4.91	-4.91	0	%100
49	M43	X	0	0	0	%100
50	M43	Z	-14.552	-14.552	0	%100
51	M44	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location...	End Locationlf...
52	M44	Z	-19.641	-19.641	0	%100
53	M46	X	0	0	0	%100
54	M46	Z	-2.439	-2.439	0	%100
55	M47	X	0	0	0	%100
56	M47	Z	-2.439	-2.439	0	%100
57	M52	X	0	0	0	%100
58	M52	Z	-10.711	-10.711	0	%100
59	M55	X	0	0	0	%100
60	M55	Z	-2.805	-2.805	0	%100
61	M58	X	0	0	0	%100
62	M58	Z	-20.355	-20.355	0	%100
63	M60	X	0	0	0	%100
64	M60	Z	-5.089	-5.089	0	%100
65	M62	X	0	0	0	%100
66	M62	Z	-4.821	-4.821	0	%100
67	M63	X	0	0	0	%100
68	M63	Z	-8.559	-8.559	0	%100
69	M64	X	0	0	0	%100
70	M64	Z	-14.552	-14.552	0	%100
71	M65	X	0	0	0	%100
72	M65	Z	-19.641	-19.641	0	%100
73	M67	X	0	0	0	%100
74	M67	Z	-14.552	-14.552	0	%100
75	M68	X	0	0	0	%100
76	M68	Z	-4.91	-4.91	0	%100
77	M70	X	0	0	0	%100
78	M70	Z	-2.439	-2.439	0	%100
79	M71	X	0	0	0	%100
80	M71	Z	-2.439	-2.439	0	%100
81	M76	X	0	0	0	%100
82	M76	Z	-2.805	-2.805	0	%100
83	M79	X	0	0	0	%100
84	M79	Z	-10.711	-10.711	0	%100
85	M82	X	0	0	0	%100
86	M82	Z	-2.812	-2.812	0	%100
87	MP4B	X	0	0	0	%100
88	MP4B	Z	-7.633	-7.633	0	%100
89	MP3B	X	0	0	0	%100
90	MP3B	Z	-7.633	-7.633	0	%100
91	MP2B	X	0	0	0	%100
92	MP2B	Z	-7.633	-7.633	0	%100
93	MP1B	X	0	0	0	%100
94	MP1B	Z	-7.633	-7.633	0	%100
95	M91	X	0	0	0	%100
96	M91	Z	-2.812	-2.812	0	%100
97	MP4C	X	0	0	0	%100
98	MP4C	Z	-7.633	-7.633	0	%100
99	MP3C	X	0	0	0	%100
100	MP3C	Z	-7.633	-7.633	0	%100
101	MP2C	X	0	0	0	%100
102	MP2C	Z	-7.633	-7.633	0	%100
103	MP1C	X	0	0	0	%100
104	MP1C	Z	-7.633	-7.633	0	%100
105	M96A	X	0	0	0	%100
106	M96A	Z	-9.24	-9.24	0	%100
107	M101	X	0	0	0	%100
108	M101	Z	-2.31	-2.31	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location...	End Location[f...
109	M106	X	0	0	0	%100
110	M106	Z	-2.31	-2.31	0	%100
111	M117	X	0	0	0	%100
112	M117	Z	-2.912	-2.912	0	%100
113	M118	X	0	0	0	%100
114	M118	Z	-2.912	-2.912	0	%100
115	M119	X	0	0	0	%100
116	M119	Z	-11.647	-11.647	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location...	End Location[f...
1	M20	X	4.218	4.218	0	%100
2	M20	Z	-7.306	-7.306	0	%100
3	MP4A	X	3.817	3.817	0	%100
4	MP4A	Z	-6.61	-6.61	0	%100
5	MP3A	X	3.817	3.817	0	%100
6	MP3A	Z	-6.61	-6.61	0	%100
7	MP2A	X	3.817	3.817	0	%100
8	MP2A	Z	-6.61	-6.61	0	%100
9	MP1A	X	3.817	3.817	0	%100
10	MP1A	Z	-6.61	-6.61	0	%100
11	M142C	X	7.633	7.633	0	%100
12	M142C	Z	-13.221	-13.221	0	%100
13	M144C	X	0	0	0	%100
14	M144C	Z	0	0	0	%100
15	M164A	X	7.231	7.231	0	%100
16	M164A	Z	-12.525	-12.525	0	%100
17	M169A	X	1.427	1.427	0	%100
18	M169A	Z	-2.471	-2.471	0	%100
19	M160A	X	2.425	2.425	0	%100
20	M160A	Z	-4.201	-4.201	0	%100
21	M161A	X	7.365	7.365	0	%100
22	M161A	Z	-12.757	-12.757	0	%100
23	M163B	X	2.425	2.425	0	%100
24	M163B	Z	-4.201	-4.201	0	%100
25	M164B	X	0	0	0	%100
26	M164B	Z	0	0	0	%100
27	M169B	X	3.658	3.658	0	%100
28	M169B	Z	-6.336	-6.336	0	%100
29	M170B	X	3.658	3.658	0	%100
30	M170B	Z	-6.336	-6.336	0	%100
31	M183A	X	.00098	.00098	0	%100
32	M183A	Z	-.002	-.002	0	%100
33	M186A	X	3.954	3.954	0	%100
34	M186A	Z	-6.849	-6.849	0	%100
35	M94	X	3.121	3.121	0	%100
36	M94	Z	-5.406	-5.406	0	%100
37	M34	X	0	0	0	%100
38	M34	Z	0	0	0	%100
39	M36	X	7.633	7.633	0	%100
40	M36	Z	-13.221	-13.221	0	%100
41	M38	X	7.231	7.231	0	%100
42	M38	Z	-12.525	-12.525	0	%100
43	M39	X	1.427	1.427	0	%100
44	M39	Z	-2.471	-2.471	0	%100
45	M40	X	2.425	2.425	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location...	End Locationlf...
46	M40	Z	-4.201	-4.201	0	%100
47	M41	X	0	0	0	%100
48	M41	Z	0	0	0	%100
49	M43	X	2.425	2.425	0	%100
50	M43	Z	-4.201	-4.201	0	%100
51	M44	X	7.365	7.365	0	%100
52	M44	Z	-12.757	-12.757	0	%100
53	M46	X	3.658	3.658	0	%100
54	M46	Z	-6.336	-6.336	0	%100
55	M47	X	3.658	3.658	0	%100
56	M47	Z	-6.336	-6.336	0	%100
57	M52	X	3.954	3.954	0	%100
58	M52	Z	-6.849	-6.849	0	%100
59	M55	X	.00098	.00098	0	%100
60	M55	Z	-.002	-.002	0	%100
61	M58	X	7.633	7.633	0	%100
62	M58	Z	-13.221	-13.221	0	%100
63	M60	X	7.633	7.633	0	%100
64	M60	Z	-13.221	-13.221	0	%100
65	M62	X	0	0	0	%100
66	M62	Z	0	0	0	%100
67	M63	X	5.706	5.706	0	%100
68	M63	Z	-9.883	-9.883	0	%100
69	M64	X	9.701	9.701	0	%100
70	M64	Z	-16.803	-16.803	0	%100
71	M65	X	7.365	7.365	0	%100
72	M65	Z	-12.757	-12.757	0	%100
73	M67	X	9.701	9.701	0	%100
74	M67	Z	-16.803	-16.803	0	%100
75	M68	X	7.365	7.365	0	%100
76	M68	Z	-12.757	-12.757	0	%100
77	M70	X	0	0	0	%100
78	M70	Z	0	0	0	%100
79	M71	X	0	0	0	%100
80	M71	Z	0	0	0	%100
81	M76	X	4.08	4.08	0	%100
82	M76	Z	-7.066	-7.066	0	%100
83	M79	X	4.08	4.08	0	%100
84	M79	Z	-7.066	-7.066	0	%100
85	M82	X	4.218	4.218	0	%100
86	M82	Z	-7.306	-7.306	0	%100
87	MP4B	X	3.817	3.817	0	%100
88	MP4B	Z	-6.61	-6.61	0	%100
89	MP3B	X	3.817	3.817	0	%100
90	MP3B	Z	-6.61	-6.61	0	%100
91	MP2B	X	3.817	3.817	0	%100
92	MP2B	Z	-6.61	-6.61	0	%100
93	MP1B	X	3.817	3.817	0	%100
94	MP1B	Z	-6.61	-6.61	0	%100
95	M91	X	0	0	0	%100
96	M91	Z	0	0	0	%100
97	MP4C	X	3.817	3.817	0	%100
98	MP4C	Z	-6.61	-6.61	0	%100
99	MP3C	X	3.817	3.817	0	%100
100	MP3C	Z	-6.61	-6.61	0	%100
101	MP2C	X	3.817	3.817	0	%100
102	MP2C	Z	-6.61	-6.61	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft.F,ksf]	End Magnitude[lb/ft.F,ksf]	Start Location...	End Location[f...
103	MP1C	X	3.817	3.817	0	%100
104	MP1C	Z	-6.61	-6.61	0	%100
105	M96A	X	3.465	3.465	0	%100
106	M96A	Z	-6.002	-6.002	0	%100
107	M101	X	3.465	3.465	0	%100
108	M101	Z	-6.002	-6.002	0	%100
109	M106	X	0	0	0	%100
110	M106	Z	0	0	0	%100
111	M117	X	4.368	4.368	0	%100
112	M117	Z	-7.565	-7.565	0	%100
113	M118	X	0	0	0	%100
114	M118	Z	0	0	0	%100
115	M119	X	4.368	4.368	0	%100
116	M119	Z	-7.565	-7.565	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft.F,ksf]	End Magnitude[lb/ft.F,ksf]	Start Location...	End Location[f...
1	M20	X	2.435	2.435	0	%100
2	M20	Z	-1.406	-1.406	0	%100
3	MP4A	X	6.61	6.61	0	%100
4	MP4A	Z	-3.817	-3.817	0	%100
5	MP3A	X	6.61	6.61	0	%100
6	MP3A	Z	-3.817	-3.817	0	%100
7	MP2A	X	6.61	6.61	0	%100
8	MP2A	Z	-3.817	-3.817	0	%100
9	MP1A	X	6.61	6.61	0	%100
10	MP1A	Z	-3.817	-3.817	0	%100
11	M142C	X	17.628	17.628	0	%100
12	M142C	Z	-10.177	-10.177	0	%100
13	M144C	X	4.407	4.407	0	%100
14	M144C	Z	-2.544	-2.544	0	%100
15	M164A	X	4.175	4.175	0	%100
16	M164A	Z	-2.41	-2.41	0	%100
17	M169A	X	7.413	7.413	0	%100
18	M169A	Z	-4.28	-4.28	0	%100
19	M160A	X	12.602	12.602	0	%100
20	M160A	Z	-7.276	-7.276	0	%100
21	M161A	X	17.009	17.009	0	%100
22	M161A	Z	-9.82	-9.82	0	%100
23	M163B	X	12.602	12.602	0	%100
24	M163B	Z	-7.276	-7.276	0	%100
25	M164B	X	4.252	4.252	0	%100
26	M164B	Z	-2.455	-2.455	0	%100
27	M169B	X	2.112	2.112	0	%100
28	M169B	Z	-1.219	-1.219	0	%100
29	M170B	X	2.112	2.112	0	%100
30	M170B	Z	-1.219	-1.219	0	%100
31	M183A	X	2.429	2.429	0	%100
32	M183A	Z	-1.402	-1.402	0	%100
33	M186A	X	9.276	9.276	0	%100
34	M186A	Z	-5.356	-5.356	0	%100
35	M94	X	5.406	5.406	0	%100
36	M94	Z	-3.121	-3.121	0	%100
37	M34	X	4.407	4.407	0	%100
38	M34	Z	-2.544	-2.544	0	%100
39	M36	X	4.407	4.407	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location...	End Locationlf...
40	M36	Z	-2.544	-2.544	0	%100
41	M38	X	16.7	16.7	0	%100
42	M38	Z	-9.642	-9.642	0	%100
43	M39	X	0	0	0	%100
44	M39	Z	0	0	0	%100
45	M40	X	0	0	0	%100
46	M40	Z	0	0	0	%100
47	M41	X	4.252	4.252	0	%100
48	M41	Z	-2.455	-2.455	0	%100
49	M43	X	0	0	0	%100
50	M43	Z	0	0	0	%100
51	M44	X	4.252	4.252	0	%100
52	M44	Z	-2.455	-2.455	0	%100
53	M46	X	8.448	8.448	0	%100
54	M46	Z	-4.878	-4.878	0	%100
55	M47	X	8.448	8.448	0	%100
56	M47	Z	-4.878	-4.878	0	%100
57	M52	X	2.212	2.212	0	%100
58	M52	Z	-1.277	-1.277	0	%100
59	M55	X	2.212	2.212	0	%100
60	M55	Z	-1.277	-1.277	0	%100
61	M58	X	4.407	4.407	0	%100
62	M58	Z	-2.544	-2.544	0	%100
63	M60	X	17.628	17.628	0	%100
64	M60	Z	-10.177	-10.177	0	%100
65	M62	X	4.175	4.175	0	%100
66	M62	Z	-2.41	-2.41	0	%100
67	M63	X	7.413	7.413	0	%100
68	M63	Z	-4.28	-4.28	0	%100
69	M64	X	12.602	12.602	0	%100
70	M64	Z	-7.276	-7.276	0	%100
71	M65	X	4.252	4.252	0	%100
72	M65	Z	-2.455	-2.455	0	%100
73	M67	X	12.602	12.602	0	%100
74	M67	Z	-7.276	-7.276	0	%100
75	M68	X	17.009	17.009	0	%100
76	M68	Z	-9.82	-9.82	0	%100
77	M70	X	2.112	2.112	0	%100
78	M70	Z	-1.219	-1.219	0	%100
79	M71	X	2.112	2.112	0	%100
80	M71	Z	-1.219	-1.219	0	%100
81	M76	X	9.276	9.276	0	%100
82	M76	Z	-5.356	-5.356	0	%100
83	M79	X	2.429	2.429	0	%100
84	M79	Z	-1.402	-1.402	0	%100
85	M82	X	9.742	9.742	0	%100
86	M82	Z	-5.624	-5.624	0	%100
87	MP4B	X	6.61	6.61	0	%100
88	MP4B	Z	-3.817	-3.817	0	%100
89	MP3B	X	6.61	6.61	0	%100
90	MP3B	Z	-3.817	-3.817	0	%100
91	MP2B	X	6.61	6.61	0	%100
92	MP2B	Z	-3.817	-3.817	0	%100
93	MP1B	X	6.61	6.61	0	%100
94	MP1B	Z	-3.817	-3.817	0	%100
95	M91	X	2.435	2.435	0	%100
96	M91	Z	-1.406	-1.406	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location...	End Location[f...]
97	MP4C	X	6.61	6.61	0	%100
98	MP4C	Z	-3.817	-3.817	0	%100
99	MP3C	X	6.61	6.61	0	%100
100	MP3C	Z	-3.817	-3.817	0	%100
101	MP2C	X	6.61	6.61	0	%100
102	MP2C	Z	-3.817	-3.817	0	%100
103	MP1C	X	6.61	6.61	0	%100
104	MP1C	Z	-3.817	-3.817	0	%100
105	M96A	X	2.001	2.001	0	%100
106	M96A	Z	-1.155	-1.155	0	%100
107	M101	X	8.002	8.002	0	%100
108	M101	Z	-4.62	-4.62	0	%100
109	M106	X	2.001	2.001	0	%100
110	M106	Z	-1.155	-1.155	0	%100
111	M117	X	10.087	10.087	0	%100
112	M117	Z	-5.824	-5.824	0	%100
113	M118	X	2.522	2.522	0	%100
114	M118	Z	-1.456	-1.456	0	%100
115	M119	X	2.522	2.522	0	%100
116	M119	Z	-1.456	-1.456	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location...	End Location[f...]
1	M20	X	0	0	0	%100
2	M20	Z	0	0	0	%100
3	MP4A	X	7.633	7.633	0	%100
4	MP4A	Z	0	0	0	%100
5	MP3A	X	7.633	7.633	0	%100
6	MP3A	Z	0	0	0	%100
7	MP2A	X	7.633	7.633	0	%100
8	MP2A	Z	0	0	0	%100
9	MP1A	X	7.633	7.633	0	%100
10	MP1A	Z	0	0	0	%100
11	M142C	X	15.266	15.266	0	%100
12	M142C	Z	0	0	0	%100
13	M144C	X	15.266	15.266	0	%100
14	M144C	Z	0	0	0	%100
15	M164A	X	0	0	0	%100
16	M164A	Z	0	0	0	%100
17	M169A	X	11.412	11.412	0	%100
18	M169A	Z	0	0	0	%100
19	M160A	X	19.403	19.403	0	%100
20	M160A	Z	0	0	0	%100
21	M161A	X	14.731	14.731	0	%100
22	M161A	Z	0	0	0	%100
23	M163B	X	19.403	19.403	0	%100
24	M163B	Z	0	0	0	%100
25	M164B	X	14.731	14.731	0	%100
26	M164B	Z	0	0	0	%100
27	M169B	X	0	0	0	%100
28	M169B	Z	0	0	0	%100
29	M170B	X	0	0	0	%100
30	M170B	Z	0	0	0	%100
31	M183A	X	8.159	8.159	0	%100
32	M183A	Z	0	0	0	%100
33	M186A	X	8.159	8.159	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location...	End Locationlf...
34	M186A	Z	0	0	0	%100
35	M94	X	6.242	6.242	0	%100
36	M94	Z	0	0	0	%100
37	M34	X	15.266	15.266	0	%100
38	M34	Z	0	0	0	%100
39	M36	X	0	0	0	%100
40	M36	Z	0	0	0	%100
41	M38	X	14.463	14.463	0	%100
42	M38	Z	0	0	0	%100
43	M39	X	2.853	2.853	0	%100
44	M39	Z	0	0	0	%100
45	M40	X	4.851	4.851	0	%100
46	M40	Z	0	0	0	%100
47	M41	X	14.731	14.731	0	%100
48	M41	Z	0	0	0	%100
49	M43	X	4.851	4.851	0	%100
50	M43	Z	0	0	0	%100
51	M44	X	0	0	0	%100
52	M44	Z	0	0	0	%100
53	M46	X	7.316	7.316	0	%100
54	M46	Z	0	0	0	%100
55	M47	X	7.316	7.316	0	%100
56	M47	Z	0	0	0	%100
57	M52	X	.002	.002	0	%100
58	M52	Z	0	0	0	%100
59	M55	X	7.908	7.908	0	%100
60	M55	Z	0	0	0	%100
61	M58	X	0	0	0	%100
62	M58	Z	0	0	0	%100
63	M60	X	15.266	15.266	0	%100
64	M60	Z	0	0	0	%100
65	M62	X	14.463	14.463	0	%100
66	M62	Z	0	0	0	%100
67	M63	X	2.853	2.853	0	%100
68	M63	Z	0	0	0	%100
69	M64	X	4.851	4.851	0	%100
70	M64	Z	0	0	0	%100
71	M65	X	0	0	0	%100
72	M65	Z	0	0	0	%100
73	M67	X	4.851	4.851	0	%100
74	M67	Z	0	0	0	%100
75	M68	X	14.731	14.731	0	%100
76	M68	Z	0	0	0	%100
77	M70	X	7.316	7.316	0	%100
78	M70	Z	0	0	0	%100
79	M71	X	7.316	7.316	0	%100
80	M71	Z	0	0	0	%100
81	M76	X	7.908	7.908	0	%100
82	M76	Z	0	0	0	%100
83	M79	X	.002	.002	0	%100
84	M79	Z	0	0	0	%100
85	M82	X	8.437	8.437	0	%100
86	M82	Z	0	0	0	%100
87	MP4B	X	7.633	7.633	0	%100
88	MP4B	Z	0	0	0	%100
89	MP3B	X	7.633	7.633	0	%100
90	MP3B	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location...	End Location[f...
91	MP2B	X	7.633	7.633	0	%100
92	MP2B	Z	0	0	0	%100
93	MP1B	X	7.633	7.633	0	%100
94	MP1B	Z	0	0	0	%100
95	M91	X	8.437	8.437	0	%100
96	M91	Z	0	0	0	%100
97	MP4C	X	7.633	7.633	0	%100
98	MP4C	Z	0	0	0	%100
99	MP3C	X	7.633	7.633	0	%100
100	MP3C	Z	0	0	0	%100
101	MP2C	X	7.633	7.633	0	%100
102	MP2C	Z	0	0	0	%100
103	MP1C	X	7.633	7.633	0	%100
104	MP1C	Z	0	0	0	%100
105	M96A	X	0	0	0	%100
106	M96A	Z	0	0	0	%100
107	M101	X	6.93	6.93	0	%100
108	M101	Z	0	0	0	%100
109	M106	X	6.93	6.93	0	%100
110	M106	Z	0	0	0	%100
111	M117	X	8.735	8.735	0	%100
112	M117	Z	0	0	0	%100
113	M118	X	8.735	8.735	0	%100
114	M118	Z	0	0	0	%100
115	M119	X	0	0	0	%100
116	M119	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location...	End Location[f...
1	M20	X	2.435	2.435	0	%100
2	M20	Z	1.406	1.406	0	%100
3	MP4A	X	6.61	6.61	0	%100
4	MP4A	Z	3.817	3.817	0	%100
5	MP3A	X	6.61	6.61	0	%100
6	MP3A	Z	3.817	3.817	0	%100
7	MP2A	X	6.61	6.61	0	%100
8	MP2A	Z	3.817	3.817	0	%100
9	MP1A	X	6.61	6.61	0	%100
10	MP1A	Z	3.817	3.817	0	%100
11	M142C	X	4.407	4.407	0	%100
12	M142C	Z	2.544	2.544	0	%100
13	M144C	X	17.628	17.628	0	%100
14	M144C	Z	10.177	10.177	0	%100
15	M164A	X	4.175	4.175	0	%100
16	M164A	Z	2.41	2.41	0	%100
17	M169A	X	7.413	7.413	0	%100
18	M169A	Z	4.28	4.28	0	%100
19	M160A	X	12.602	12.602	0	%100
20	M160A	Z	7.276	7.276	0	%100
21	M161A	X	4.252	4.252	0	%100
22	M161A	Z	2.455	2.455	0	%100
23	M163B	X	12.602	12.602	0	%100
24	M163B	Z	7.276	7.276	0	%100
25	M164B	X	17.009	17.009	0	%100
26	M164B	Z	9.82	9.82	0	%100
27	M169B	X	2.112	2.112	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location...	End Locationlf...
28	M169B	Z	1.219	1.219	0	%100
29	M170B	X	2.112	2.112	0	%100
30	M170B	Z	1.219	1.219	0	%100
31	M183A	X	9.276	9.276	0	%100
32	M183A	Z	5.356	5.356	0	%100
33	M186A	X	2.429	2.429	0	%100
34	M186A	Z	1.402	1.402	0	%100
35	M94	X	5.406	5.406	0	%100
36	M94	Z	3.121	3.121	0	%100
37	M34	X	17.628	17.628	0	%100
38	M34	Z	10.177	10.177	0	%100
39	M36	X	4.407	4.407	0	%100
40	M36	Z	2.544	2.544	0	%100
41	M38	X	4.175	4.175	0	%100
42	M38	Z	2.41	2.41	0	%100
43	M39	X	7.413	7.413	0	%100
44	M39	Z	4.28	4.28	0	%100
45	M40	X	12.602	12.602	0	%100
46	M40	Z	7.276	7.276	0	%100
47	M41	X	17.009	17.009	0	%100
48	M41	Z	9.82	9.82	0	%100
49	M43	X	12.602	12.602	0	%100
50	M43	Z	7.276	7.276	0	%100
51	M44	X	4.252	4.252	0	%100
52	M44	Z	2.455	2.455	0	%100
53	M46	X	2.112	2.112	0	%100
54	M46	Z	1.219	1.219	0	%100
55	M47	X	2.112	2.112	0	%100
56	M47	Z	1.219	1.219	0	%100
57	M52	X	2.429	2.429	0	%100
58	M52	Z	1.402	1.402	0	%100
59	M55	X	9.276	9.276	0	%100
60	M55	Z	5.356	5.356	0	%100
61	M58	X	4.407	4.407	0	%100
62	M58	Z	2.544	2.544	0	%100
63	M60	X	4.407	4.407	0	%100
64	M60	Z	2.544	2.544	0	%100
65	M62	X	16.7	16.7	0	%100
66	M62	Z	9.642	9.642	0	%100
67	M63	X	0	0	0	%100
68	M63	Z	0	0	0	%100
69	M64	X	0	0	0	%100
70	M64	Z	0	0	0	%100
71	M65	X	4.252	4.252	0	%100
72	M65	Z	2.455	2.455	0	%100
73	M67	X	0	0	0	%100
74	M67	Z	0	0	0	%100
75	M68	X	4.252	4.252	0	%100
76	M68	Z	2.455	2.455	0	%100
77	M70	X	8.448	8.448	0	%100
78	M70	Z	4.878	4.878	0	%100
79	M71	X	8.448	8.448	0	%100
80	M71	Z	4.878	4.878	0	%100
81	M76	X	2.212	2.212	0	%100
82	M76	Z	1.277	1.277	0	%100
83	M79	X	2.212	2.212	0	%100
84	M79	Z	1.277	1.277	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location...	End Location[f...
85	M82	X	2.435	2.435	0	%100
86	M82	Z	1.406	1.406	0	%100
87	MP4B	X	6.61	6.61	0	%100
88	MP4B	Z	3.817	3.817	0	%100
89	MP3B	X	6.61	6.61	0	%100
90	MP3B	Z	3.817	3.817	0	%100
91	MP2B	X	6.61	6.61	0	%100
92	MP2B	Z	3.817	3.817	0	%100
93	MP1B	X	6.61	6.61	0	%100
94	MP1B	Z	3.817	3.817	0	%100
95	M91	X	9.742	9.742	0	%100
96	M91	Z	5.624	5.624	0	%100
97	MP4C	X	6.61	6.61	0	%100
98	MP4C	Z	3.817	3.817	0	%100
99	MP3C	X	6.61	6.61	0	%100
100	MP3C	Z	3.817	3.817	0	%100
101	MP2C	X	6.61	6.61	0	%100
102	MP2C	Z	3.817	3.817	0	%100
103	MP1C	X	6.61	6.61	0	%100
104	MP1C	Z	3.817	3.817	0	%100
105	M96A	X	2.001	2.001	0	%100
106	M96A	Z	1.155	1.155	0	%100
107	M101	X	2.001	2.001	0	%100
108	M101	Z	1.155	1.155	0	%100
109	M106	X	8.002	8.002	0	%100
110	M106	Z	4.62	4.62	0	%100
111	M117	X	2.522	2.522	0	%100
112	M117	Z	1.456	1.456	0	%100
113	M118	X	10.087	10.087	0	%100
114	M118	Z	5.824	5.824	0	%100
115	M119	X	2.522	2.522	0	%100
116	M119	Z	1.456	1.456	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location...	End Location[f...
1	M20	X	4.218	4.218	0	%100
2	M20	Z	7.306	7.306	0	%100
3	MP4A	X	3.817	3.817	0	%100
4	MP4A	Z	6.61	6.61	0	%100
5	MP3A	X	3.817	3.817	0	%100
6	MP3A	Z	6.61	6.61	0	%100
7	MP2A	X	3.817	3.817	0	%100
8	MP2A	Z	6.61	6.61	0	%100
9	MP1A	X	3.817	3.817	0	%100
10	MP1A	Z	6.61	6.61	0	%100
11	M142C	X	0	0	0	%100
12	M142C	Z	0	0	0	%100
13	M144C	X	7.633	7.633	0	%100
14	M144C	Z	13.221	13.221	0	%100
15	M164A	X	7.231	7.231	0	%100
16	M164A	Z	12.525	12.525	0	%100
17	M169A	X	1.427	1.427	0	%100
18	M169A	Z	2.471	2.471	0	%100
19	M160A	X	2.425	2.425	0	%100
20	M160A	Z	4.201	4.201	0	%100
21	M161A	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location...	End Locationlf...
22	M161A	Z	0	0	0	%100
23	M163B	X	2.425	2.425	0	%100
24	M163B	Z	4.201	4.201	0	%100
25	M164B	X	7.365	7.365	0	%100
26	M164B	Z	12.757	12.757	0	%100
27	M169B	X	3.658	3.658	0	%100
28	M169B	Z	6.336	6.336	0	%100
29	M170B	X	3.658	3.658	0	%100
30	M170B	Z	6.336	6.336	0	%100
31	M183A	X	3.954	3.954	0	%100
32	M183A	Z	6.849	6.849	0	%100
33	M186A	X	.00098	.00098	0	%100
34	M186A	Z	.002	.002	0	%100
35	M94	X	3.121	3.121	0	%100
36	M94	Z	5.406	5.406	0	%100
37	M34	X	7.633	7.633	0	%100
38	M34	Z	13.221	13.221	0	%100
39	M36	X	7.633	7.633	0	%100
40	M36	Z	13.221	13.221	0	%100
41	M38	X	0	0	0	%100
42	M38	Z	0	0	0	%100
43	M39	X	5.706	5.706	0	%100
44	M39	Z	9.883	9.883	0	%100
45	M40	X	9.701	9.701	0	%100
46	M40	Z	16.803	16.803	0	%100
47	M41	X	7.365	7.365	0	%100
48	M41	Z	12.757	12.757	0	%100
49	M43	X	9.701	9.701	0	%100
50	M43	Z	16.803	16.803	0	%100
51	M44	X	7.365	7.365	0	%100
52	M44	Z	12.757	12.757	0	%100
53	M46	X	0	0	0	%100
54	M46	Z	0	0	0	%100
55	M47	X	0	0	0	%100
56	M47	Z	0	0	0	%100
57	M52	X	4.08	4.08	0	%100
58	M52	Z	7.066	7.066	0	%100
59	M55	X	4.08	4.08	0	%100
60	M55	Z	7.066	7.066	0	%100
61	M58	X	7.633	7.633	0	%100
62	M58	Z	13.221	13.221	0	%100
63	M60	X	0	0	0	%100
64	M60	Z	0	0	0	%100
65	M62	X	7.231	7.231	0	%100
66	M62	Z	12.525	12.525	0	%100
67	M63	X	1.427	1.427	0	%100
68	M63	Z	2.471	2.471	0	%100
69	M64	X	2.425	2.425	0	%100
70	M64	Z	4.201	4.201	0	%100
71	M65	X	7.365	7.365	0	%100
72	M65	Z	12.757	12.757	0	%100
73	M67	X	2.425	2.425	0	%100
74	M67	Z	4.201	4.201	0	%100
75	M68	X	0	0	0	%100
76	M68	Z	0	0	0	%100
77	M70	X	3.658	3.658	0	%100
78	M70	Z	6.336	6.336	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location...	End Location[f...
79	M71	X	3.658	3.658	0	%100
80	M71	Z	6.336	6.336	0	%100
81	M76	X	.00098	.00098	0	%100
82	M76	Z	.002	.002	0	%100
83	M79	X	3.954	3.954	0	%100
84	M79	Z	6.849	6.849	0	%100
85	M82	X	0	0	0	%100
86	M82	Z	0	0	0	%100
87	MP4B	X	3.817	3.817	0	%100
88	MP4B	Z	6.61	6.61	0	%100
89	MP3B	X	3.817	3.817	0	%100
90	MP3B	Z	6.61	6.61	0	%100
91	MP2B	X	3.817	3.817	0	%100
92	MP2B	Z	6.61	6.61	0	%100
93	MP1B	X	3.817	3.817	0	%100
94	MP1B	Z	6.61	6.61	0	%100
95	M91	X	4.218	4.218	0	%100
96	M91	Z	7.306	7.306	0	%100
97	MP4C	X	3.817	3.817	0	%100
98	MP4C	Z	6.61	6.61	0	%100
99	MP3C	X	3.817	3.817	0	%100
100	MP3C	Z	6.61	6.61	0	%100
101	MP2C	X	3.817	3.817	0	%100
102	MP2C	Z	6.61	6.61	0	%100
103	MP1C	X	3.817	3.817	0	%100
104	MP1C	Z	6.61	6.61	0	%100
105	M96A	X	3.465	3.465	0	%100
106	M96A	Z	6.002	6.002	0	%100
107	M101	X	0	0	0	%100
108	M101	Z	0	0	0	%100
109	M106	X	3.465	3.465	0	%100
110	M106	Z	6.002	6.002	0	%100
111	M117	X	0	0	0	%100
112	M117	Z	0	0	0	%100
113	M118	X	4.368	4.368	0	%100
114	M118	Z	7.565	7.565	0	%100
115	M119	X	4.368	4.368	0	%100
116	M119	Z	7.565	7.565	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location...	End Location[f...
1	M20	X	0	0	0	%100
2	M20	Z	11.249	11.249	0	%100
3	MP4A	X	0	0	0	%100
4	MP4A	Z	7.633	7.633	0	%100
5	MP3A	X	0	0	0	%100
6	MP3A	Z	7.633	7.633	0	%100
7	MP2A	X	0	0	0	%100
8	MP2A	Z	7.633	7.633	0	%100
9	MP1A	X	0	0	0	%100
10	MP1A	Z	7.633	7.633	0	%100
11	M142C	X	0	0	0	%100
12	M142C	Z	5.089	5.089	0	%100
13	M144C	X	0	0	0	%100
14	M144C	Z	5.089	5.089	0	%100
15	M164A	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location...	End Locationlf...
16	M164A	Z	19.284	19.284	0	%100
17	M169A	X	0	0	0	%100
18	M169A	Z	0	0	0	%100
19	M160A	X	0	0	0	%100
20	M160A	Z	0	0	0	%100
21	M161A	X	0	0	0	%100
22	M161A	Z	4.91	4.91	0	%100
23	M163B	X	0	0	0	%100
24	M163B	Z	0	0	0	%100
25	M164B	X	0	0	0	%100
26	M164B	Z	4.91	4.91	0	%100
27	M169B	X	0	0	0	%100
28	M169B	Z	9.755	9.755	0	%100
29	M170B	X	0	0	0	%100
30	M170B	Z	9.755	9.755	0	%100
31	M183A	X	0	0	0	%100
32	M183A	Z	2.554	2.554	0	%100
33	M186A	X	0	0	0	%100
34	M186A	Z	2.554	2.554	0	%100
35	M94	X	0	0	0	%100
36	M94	Z	6.242	6.242	0	%100
37	M34	X	0	0	0	%100
38	M34	Z	5.089	5.089	0	%100
39	M36	X	0	0	0	%100
40	M36	Z	20.355	20.355	0	%100
41	M38	X	0	0	0	%100
42	M38	Z	4.821	4.821	0	%100
43	M39	X	0	0	0	%100
44	M39	Z	8.559	8.559	0	%100
45	M40	X	0	0	0	%100
46	M40	Z	14.552	14.552	0	%100
47	M41	X	0	0	0	%100
48	M41	Z	4.91	4.91	0	%100
49	M43	X	0	0	0	%100
50	M43	Z	14.552	14.552	0	%100
51	M44	X	0	0	0	%100
52	M44	Z	19.641	19.641	0	%100
53	M46	X	0	0	0	%100
54	M46	Z	2.439	2.439	0	%100
55	M47	X	0	0	0	%100
56	M47	Z	2.439	2.439	0	%100
57	M52	X	0	0	0	%100
58	M52	Z	10.711	10.711	0	%100
59	M55	X	0	0	0	%100
60	M55	Z	2.805	2.805	0	%100
61	M58	X	0	0	0	%100
62	M58	Z	20.355	20.355	0	%100
63	M60	X	0	0	0	%100
64	M60	Z	5.089	5.089	0	%100
65	M62	X	0	0	0	%100
66	M62	Z	4.821	4.821	0	%100
67	M63	X	0	0	0	%100
68	M63	Z	8.559	8.559	0	%100
69	M64	X	0	0	0	%100
70	M64	Z	14.552	14.552	0	%100
71	M65	X	0	0	0	%100
72	M65	Z	19.641	19.641	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location...	End Location[f...
73	M67	X	0	0	0	%100
74	M67	Z	14.552	14.552	0	%100
75	M68	X	0	0	0	%100
76	M68	Z	4.91	4.91	0	%100
77	M70	X	0	0	0	%100
78	M70	Z	2.439	2.439	0	%100
79	M71	X	0	0	0	%100
80	M71	Z	2.439	2.439	0	%100
81	M76	X	0	0	0	%100
82	M76	Z	2.805	2.805	0	%100
83	M79	X	0	0	0	%100
84	M79	Z	10.711	10.711	0	%100
85	M82	X	0	0	0	%100
86	M82	Z	2.812	2.812	0	%100
87	MP4B	X	0	0	0	%100
88	MP4B	Z	7.633	7.633	0	%100
89	MP3B	X	0	0	0	%100
90	MP3B	Z	7.633	7.633	0	%100
91	MP2B	X	0	0	0	%100
92	MP2B	Z	7.633	7.633	0	%100
93	MP1B	X	0	0	0	%100
94	MP1B	Z	7.633	7.633	0	%100
95	M91	X	0	0	0	%100
96	M91	Z	2.812	2.812	0	%100
97	MP4C	X	0	0	0	%100
98	MP4C	Z	7.633	7.633	0	%100
99	MP3C	X	0	0	0	%100
100	MP3C	Z	7.633	7.633	0	%100
101	MP2C	X	0	0	0	%100
102	MP2C	Z	7.633	7.633	0	%100
103	MP1C	X	0	0	0	%100
104	MP1C	Z	7.633	7.633	0	%100
105	M96A	X	0	0	0	%100
106	M96A	Z	9.24	9.24	0	%100
107	M101	X	0	0	0	%100
108	M101	Z	2.31	2.31	0	%100
109	M106	X	0	0	0	%100
110	M106	Z	2.31	2.31	0	%100
111	M117	X	0	0	0	%100
112	M117	Z	2.912	2.912	0	%100
113	M118	X	0	0	0	%100
114	M118	Z	2.912	2.912	0	%100
115	M119	X	0	0	0	%100
116	M119	Z	11.647	11.647	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location...	End Location[f...
1	M20	X	-4.218	-4.218	0	%100
2	M20	Z	7.306	7.306	0	%100
3	MP4A	X	-3.817	-3.817	0	%100
4	MP4A	Z	6.61	6.61	0	%100
5	MP3A	X	-3.817	-3.817	0	%100
6	MP3A	Z	6.61	6.61	0	%100
7	MP2A	X	-3.817	-3.817	0	%100
8	MP2A	Z	6.61	6.61	0	%100
9	MP1A	X	-3.817	-3.817	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location...	End Locationlf...
10	MP1A	Z	6.61	6.61	0	%100
11	M142C	X	-7.633	-7.633	0	%100
12	M142C	Z	13.221	13.221	0	%100
13	M144C	X	0	0	0	%100
14	M144C	Z	0	0	0	%100
15	M164A	X	-7.231	-7.231	0	%100
16	M164A	Z	12.525	12.525	0	%100
17	M169A	X	-1.427	-1.427	0	%100
18	M169A	Z	2.471	2.471	0	%100
19	M160A	X	-2.425	-2.425	0	%100
20	M160A	Z	4.201	4.201	0	%100
21	M161A	X	-7.365	-7.365	0	%100
22	M161A	Z	12.757	12.757	0	%100
23	M163B	X	-2.425	-2.425	0	%100
24	M163B	Z	4.201	4.201	0	%100
25	M164B	X	0	0	0	%100
26	M164B	Z	0	0	0	%100
27	M169B	X	-3.658	-3.658	0	%100
28	M169B	Z	6.336	6.336	0	%100
29	M170B	X	-3.658	-3.658	0	%100
30	M170B	Z	6.336	6.336	0	%100
31	M183A	X	-.00098	-.00098	0	%100
32	M183A	Z	.002	.002	0	%100
33	M186A	X	-3.954	-3.954	0	%100
34	M186A	Z	6.849	6.849	0	%100
35	M94	X	-3.121	-3.121	0	%100
36	M94	Z	5.406	5.406	0	%100
37	M34	X	0	0	0	%100
38	M34	Z	0	0	0	%100
39	M36	X	-7.633	-7.633	0	%100
40	M36	Z	13.221	13.221	0	%100
41	M38	X	-7.231	-7.231	0	%100
42	M38	Z	12.525	12.525	0	%100
43	M39	X	-1.427	-1.427	0	%100
44	M39	Z	2.471	2.471	0	%100
45	M40	X	-2.425	-2.425	0	%100
46	M40	Z	4.201	4.201	0	%100
47	M41	X	0	0	0	%100
48	M41	Z	0	0	0	%100
49	M43	X	-2.425	-2.425	0	%100
50	M43	Z	4.201	4.201	0	%100
51	M44	X	-7.365	-7.365	0	%100
52	M44	Z	12.757	12.757	0	%100
53	M46	X	-3.658	-3.658	0	%100
54	M46	Z	6.336	6.336	0	%100
55	M47	X	-3.658	-3.658	0	%100
56	M47	Z	6.336	6.336	0	%100
57	M52	X	-3.954	-3.954	0	%100
58	M52	Z	6.849	6.849	0	%100
59	M55	X	-.00098	-.00098	0	%100
60	M55	Z	.002	.002	0	%100
61	M58	X	-7.633	-7.633	0	%100
62	M58	Z	13.221	13.221	0	%100
63	M60	X	-7.633	-7.633	0	%100
64	M60	Z	13.221	13.221	0	%100
65	M62	X	0	0	0	%100
66	M62	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location...	End Location[f...
67	M63	X	-5.706	-5.706	0	%100
68	M63	Z	9.883	9.883	0	%100
69	M64	X	-9.701	-9.701	0	%100
70	M64	Z	16.803	16.803	0	%100
71	M65	X	-7.365	-7.365	0	%100
72	M65	Z	12.757	12.757	0	%100
73	M67	X	-9.701	-9.701	0	%100
74	M67	Z	16.803	16.803	0	%100
75	M68	X	-7.365	-7.365	0	%100
76	M68	Z	12.757	12.757	0	%100
77	M70	X	0	0	0	%100
78	M70	Z	0	0	0	%100
79	M71	X	0	0	0	%100
80	M71	Z	0	0	0	%100
81	M76	X	-4.08	-4.08	0	%100
82	M76	Z	7.066	7.066	0	%100
83	M79	X	-4.08	-4.08	0	%100
84	M79	Z	7.066	7.066	0	%100
85	M82	X	-4.218	-4.218	0	%100
86	M82	Z	7.306	7.306	0	%100
87	MP4B	X	-3.817	-3.817	0	%100
88	MP4B	Z	6.61	6.61	0	%100
89	MP3B	X	-3.817	-3.817	0	%100
90	MP3B	Z	6.61	6.61	0	%100
91	MP2B	X	-3.817	-3.817	0	%100
92	MP2B	Z	6.61	6.61	0	%100
93	MP1B	X	-3.817	-3.817	0	%100
94	MP1B	Z	6.61	6.61	0	%100
95	M91	X	0	0	0	%100
96	M91	Z	0	0	0	%100
97	MP4C	X	-3.817	-3.817	0	%100
98	MP4C	Z	6.61	6.61	0	%100
99	MP3C	X	-3.817	-3.817	0	%100
100	MP3C	Z	6.61	6.61	0	%100
101	MP2C	X	-3.817	-3.817	0	%100
102	MP2C	Z	6.61	6.61	0	%100
103	MP1C	X	-3.817	-3.817	0	%100
104	MP1C	Z	6.61	6.61	0	%100
105	M96A	X	-3.465	-3.465	0	%100
106	M96A	Z	6.002	6.002	0	%100
107	M101	X	-3.465	-3.465	0	%100
108	M101	Z	6.002	6.002	0	%100
109	M106	X	0	0	0	%100
110	M106	Z	0	0	0	%100
111	M117	X	-4.368	-4.368	0	%100
112	M117	Z	7.565	7.565	0	%100
113	M118	X	0	0	0	%100
114	M118	Z	0	0	0	%100
115	M119	X	-4.368	-4.368	0	%100
116	M119	Z	7.565	7.565	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location...	End Location[f...
1	M20	X	-2.435	-2.435	0	%100
2	M20	Z	1.406	1.406	0	%100
3	MP4A	X	-6.61	-6.61	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location...	End Locationlf...
4	MP4A	Z	3.817	3.817	0	%100
5	MP3A	X	-6.61	-6.61	0	%100
6	MP3A	Z	3.817	3.817	0	%100
7	MP2A	X	-6.61	-6.61	0	%100
8	MP2A	Z	3.817	3.817	0	%100
9	MP1A	X	-6.61	-6.61	0	%100
10	MP1A	Z	3.817	3.817	0	%100
11	M142C	X	-17.628	-17.628	0	%100
12	M142C	Z	10.177	10.177	0	%100
13	M144C	X	-4.407	-4.407	0	%100
14	M144C	Z	2.544	2.544	0	%100
15	M164A	X	-4.175	-4.175	0	%100
16	M164A	Z	2.41	2.41	0	%100
17	M169A	X	-7.413	-7.413	0	%100
18	M169A	Z	4.28	4.28	0	%100
19	M160A	X	-12.602	-12.602	0	%100
20	M160A	Z	7.276	7.276	0	%100
21	M161A	X	-17.009	-17.009	0	%100
22	M161A	Z	9.82	9.82	0	%100
23	M163B	X	-12.602	-12.602	0	%100
24	M163B	Z	7.276	7.276	0	%100
25	M164B	X	-4.252	-4.252	0	%100
26	M164B	Z	2.455	2.455	0	%100
27	M169B	X	-2.112	-2.112	0	%100
28	M169B	Z	1.219	1.219	0	%100
29	M170B	X	-2.112	-2.112	0	%100
30	M170B	Z	1.219	1.219	0	%100
31	M183A	X	-2.429	-2.429	0	%100
32	M183A	Z	1.402	1.402	0	%100
33	M186A	X	-9.276	-9.276	0	%100
34	M186A	Z	5.356	5.356	0	%100
35	M94	X	-5.406	-5.406	0	%100
36	M94	Z	3.121	3.121	0	%100
37	M34	X	-4.407	-4.407	0	%100
38	M34	Z	2.544	2.544	0	%100
39	M36	X	-4.407	-4.407	0	%100
40	M36	Z	2.544	2.544	0	%100
41	M38	X	-16.7	-16.7	0	%100
42	M38	Z	9.642	9.642	0	%100
43	M39	X	0	0	0	%100
44	M39	Z	0	0	0	%100
45	M40	X	0	0	0	%100
46	M40	Z	0	0	0	%100
47	M41	X	-4.252	-4.252	0	%100
48	M41	Z	2.455	2.455	0	%100
49	M43	X	0	0	0	%100
50	M43	Z	0	0	0	%100
51	M44	X	-4.252	-4.252	0	%100
52	M44	Z	2.455	2.455	0	%100
53	M46	X	-8.448	-8.448	0	%100
54	M46	Z	4.878	4.878	0	%100
55	M47	X	-8.448	-8.448	0	%100
56	M47	Z	4.878	4.878	0	%100
57	M52	X	-2.212	-2.212	0	%100
58	M52	Z	1.277	1.277	0	%100
59	M55	X	-2.212	-2.212	0	%100
60	M55	Z	1.277	1.277	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location...	End Location[f...
61	M58	X	-4.407	-4.407	0	%100
62	M58	Z	2.544	2.544	0	%100
63	M60	X	-17.628	-17.628	0	%100
64	M60	Z	10.177	10.177	0	%100
65	M62	X	-4.175	-4.175	0	%100
66	M62	Z	2.41	2.41	0	%100
67	M63	X	-7.413	-7.413	0	%100
68	M63	Z	4.28	4.28	0	%100
69	M64	X	-12.602	-12.602	0	%100
70	M64	Z	7.276	7.276	0	%100
71	M65	X	-4.252	-4.252	0	%100
72	M65	Z	2.455	2.455	0	%100
73	M67	X	-12.602	-12.602	0	%100
74	M67	Z	7.276	7.276	0	%100
75	M68	X	-17.009	-17.009	0	%100
76	M68	Z	9.82	9.82	0	%100
77	M70	X	-2.112	-2.112	0	%100
78	M70	Z	1.219	1.219	0	%100
79	M71	X	-2.112	-2.112	0	%100
80	M71	Z	1.219	1.219	0	%100
81	M76	X	-9.276	-9.276	0	%100
82	M76	Z	5.356	5.356	0	%100
83	M79	X	-2.429	-2.429	0	%100
84	M79	Z	1.402	1.402	0	%100
85	M82	X	-9.742	-9.742	0	%100
86	M82	Z	5.624	5.624	0	%100
87	MP4B	X	-6.61	-6.61	0	%100
88	MP4B	Z	3.817	3.817	0	%100
89	MP3B	X	-6.61	-6.61	0	%100
90	MP3B	Z	3.817	3.817	0	%100
91	MP2B	X	-6.61	-6.61	0	%100
92	MP2B	Z	3.817	3.817	0	%100
93	MP1B	X	-6.61	-6.61	0	%100
94	MP1B	Z	3.817	3.817	0	%100
95	M91	X	-2.435	-2.435	0	%100
96	M91	Z	1.406	1.406	0	%100
97	MP4C	X	-6.61	-6.61	0	%100
98	MP4C	Z	3.817	3.817	0	%100
99	MP3C	X	-6.61	-6.61	0	%100
100	MP3C	Z	3.817	3.817	0	%100
101	MP2C	X	-6.61	-6.61	0	%100
102	MP2C	Z	3.817	3.817	0	%100
103	MP1C	X	-6.61	-6.61	0	%100
104	MP1C	Z	3.817	3.817	0	%100
105	M96A	X	-2.001	-2.001	0	%100
106	M96A	Z	1.155	1.155	0	%100
107	M101	X	-8.002	-8.002	0	%100
108	M101	Z	4.62	4.62	0	%100
109	M106	X	-2.001	-2.001	0	%100
110	M106	Z	1.155	1.155	0	%100
111	M117	X	-10.087	-10.087	0	%100
112	M117	Z	5.824	5.824	0	%100
113	M118	X	-2.522	-2.522	0	%100
114	M118	Z	1.456	1.456	0	%100
115	M119	X	-2.522	-2.522	0	%100
116	M119	Z	1.456	1.456	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location...	End Locationf...
1	M20	X	0	0	0	%100
2	M20	Z	0	0	0	%100
3	MP4A	X	-7.633	-7.633	0	%100
4	MP4A	Z	0	0	0	%100
5	MP3A	X	-7.633	-7.633	0	%100
6	MP3A	Z	0	0	0	%100
7	MP2A	X	-7.633	-7.633	0	%100
8	MP2A	Z	0	0	0	%100
9	MP1A	X	-7.633	-7.633	0	%100
10	MP1A	Z	0	0	0	%100
11	M142C	X	-15.266	-15.266	0	%100
12	M142C	Z	0	0	0	%100
13	M144C	X	-15.266	-15.266	0	%100
14	M144C	Z	0	0	0	%100
15	M164A	X	0	0	0	%100
16	M164A	Z	0	0	0	%100
17	M169A	X	-11.412	-11.412	0	%100
18	M169A	Z	0	0	0	%100
19	M160A	X	-19.403	-19.403	0	%100
20	M160A	Z	0	0	0	%100
21	M161A	X	-14.731	-14.731	0	%100
22	M161A	Z	0	0	0	%100
23	M163B	X	-19.403	-19.403	0	%100
24	M163B	Z	0	0	0	%100
25	M164B	X	-14.731	-14.731	0	%100
26	M164B	Z	0	0	0	%100
27	M169B	X	0	0	0	%100
28	M169B	Z	0	0	0	%100
29	M170B	X	0	0	0	%100
30	M170B	Z	0	0	0	%100
31	M183A	X	-8.159	-8.159	0	%100
32	M183A	Z	0	0	0	%100
33	M186A	X	-8.159	-8.159	0	%100
34	M186A	Z	0	0	0	%100
35	M94	X	-6.242	-6.242	0	%100
36	M94	Z	0	0	0	%100
37	M34	X	-15.266	-15.266	0	%100
38	M34	Z	0	0	0	%100
39	M36	X	0	0	0	%100
40	M36	Z	0	0	0	%100
41	M38	X	-14.463	-14.463	0	%100
42	M38	Z	0	0	0	%100
43	M39	X	-2.853	-2.853	0	%100
44	M39	Z	0	0	0	%100
45	M40	X	-4.851	-4.851	0	%100
46	M40	Z	0	0	0	%100
47	M41	X	-14.731	-14.731	0	%100
48	M41	Z	0	0	0	%100
49	M43	X	-4.851	-4.851	0	%100
50	M43	Z	0	0	0	%100
51	M44	X	0	0	0	%100
52	M44	Z	0	0	0	%100
53	M46	X	-7.316	-7.316	0	%100
54	M46	Z	0	0	0	%100
55	M47	X	-7.316	-7.316	0	%100
56	M47	Z	0	0	0	%100
57	M52	X	-.002	-.002	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location...	End Locationlf...
58	M52	Z	0	0	0	%100
59	M55	X	-7.908	-7.908	0	%100
60	M55	Z	0	0	0	%100
61	M58	X	0	0	0	%100
62	M58	Z	0	0	0	%100
63	M60	X	-15.266	-15.266	0	%100
64	M60	Z	0	0	0	%100
65	M62	X	-14.463	-14.463	0	%100
66	M62	Z	0	0	0	%100
67	M63	X	-2.853	-2.853	0	%100
68	M63	Z	0	0	0	%100
69	M64	X	-4.851	-4.851	0	%100
70	M64	Z	0	0	0	%100
71	M65	X	0	0	0	%100
72	M65	Z	0	0	0	%100
73	M67	X	-4.851	-4.851	0	%100
74	M67	Z	0	0	0	%100
75	M68	X	-14.731	-14.731	0	%100
76	M68	Z	0	0	0	%100
77	M70	X	-7.316	-7.316	0	%100
78	M70	Z	0	0	0	%100
79	M71	X	-7.316	-7.316	0	%100
80	M71	Z	0	0	0	%100
81	M76	X	-7.908	-7.908	0	%100
82	M76	Z	0	0	0	%100
83	M79	X	-.002	-.002	0	%100
84	M79	Z	0	0	0	%100
85	M82	X	-8.437	-8.437	0	%100
86	M82	Z	0	0	0	%100
87	MP4B	X	-7.633	-7.633	0	%100
88	MP4B	Z	0	0	0	%100
89	MP3B	X	-7.633	-7.633	0	%100
90	MP3B	Z	0	0	0	%100
91	MP2B	X	-7.633	-7.633	0	%100
92	MP2B	Z	0	0	0	%100
93	MP1B	X	-7.633	-7.633	0	%100
94	MP1B	Z	0	0	0	%100
95	M91	X	-8.437	-8.437	0	%100
96	M91	Z	0	0	0	%100
97	MP4C	X	-7.633	-7.633	0	%100
98	MP4C	Z	0	0	0	%100
99	MP3C	X	-7.633	-7.633	0	%100
100	MP3C	Z	0	0	0	%100
101	MP2C	X	-7.633	-7.633	0	%100
102	MP2C	Z	0	0	0	%100
103	MP1C	X	-7.633	-7.633	0	%100
104	MP1C	Z	0	0	0	%100
105	M96A	X	0	0	0	%100
106	M96A	Z	0	0	0	%100
107	M101	X	-6.93	-6.93	0	%100
108	M101	Z	0	0	0	%100
109	M106	X	-6.93	-6.93	0	%100
110	M106	Z	0	0	0	%100
111	M117	X	-8.735	-8.735	0	%100
112	M117	Z	0	0	0	%100
113	M118	X	-8.735	-8.735	0	%100
114	M118	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location...	End Location[f...
115	M119	X	0	0	0	%100
116	M119	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location...	End Location[f...
1	M20	X	-2.435	-2.435	0	%100
2	M20	Z	-1.406	-1.406	0	%100
3	MP4A	X	-6.61	-6.61	0	%100
4	MP4A	Z	-3.817	-3.817	0	%100
5	MP3A	X	-6.61	-6.61	0	%100
6	MP3A	Z	-3.817	-3.817	0	%100
7	MP2A	X	-6.61	-6.61	0	%100
8	MP2A	Z	-3.817	-3.817	0	%100
9	MP1A	X	-6.61	-6.61	0	%100
10	MP1A	Z	-3.817	-3.817	0	%100
11	M142C	X	-4.407	-4.407	0	%100
12	M142C	Z	-2.544	-2.544	0	%100
13	M144C	X	-17.628	-17.628	0	%100
14	M144C	Z	-10.177	-10.177	0	%100
15	M164A	X	-4.175	-4.175	0	%100
16	M164A	Z	-2.41	-2.41	0	%100
17	M169A	X	-7.413	-7.413	0	%100
18	M169A	Z	-4.28	-4.28	0	%100
19	M160A	X	-12.602	-12.602	0	%100
20	M160A	Z	-7.276	-7.276	0	%100
21	M161A	X	-4.252	-4.252	0	%100
22	M161A	Z	-2.455	-2.455	0	%100
23	M163B	X	-12.602	-12.602	0	%100
24	M163B	Z	-7.276	-7.276	0	%100
25	M164B	X	-17.009	-17.009	0	%100
26	M164B	Z	-9.82	-9.82	0	%100
27	M169B	X	-2.112	-2.112	0	%100
28	M169B	Z	-1.219	-1.219	0	%100
29	M170B	X	-2.112	-2.112	0	%100
30	M170B	Z	-1.219	-1.219	0	%100
31	M183A	X	-9.276	-9.276	0	%100
32	M183A	Z	-5.356	-5.356	0	%100
33	M186A	X	-2.429	-2.429	0	%100
34	M186A	Z	-1.402	-1.402	0	%100
35	M94	X	-5.406	-5.406	0	%100
36	M94	Z	-3.121	-3.121	0	%100
37	M34	X	-17.628	-17.628	0	%100
38	M34	Z	-10.177	-10.177	0	%100
39	M36	X	-4.407	-4.407	0	%100
40	M36	Z	-2.544	-2.544	0	%100
41	M38	X	-4.175	-4.175	0	%100
42	M38	Z	-2.41	-2.41	0	%100
43	M39	X	-7.413	-7.413	0	%100
44	M39	Z	-4.28	-4.28	0	%100
45	M40	X	-12.602	-12.602	0	%100
46	M40	Z	-7.276	-7.276	0	%100
47	M41	X	-17.009	-17.009	0	%100
48	M41	Z	-9.82	-9.82	0	%100
49	M43	X	-12.602	-12.602	0	%100
50	M43	Z	-7.276	-7.276	0	%100
51	M44	X	-4.252	-4.252	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location...	End Locationlf...
52	M44	Z	-2.455	-2.455	0	%100
53	M46	X	-2.112	-2.112	0	%100
54	M46	Z	-1.219	-1.219	0	%100
55	M47	X	-2.112	-2.112	0	%100
56	M47	Z	-1.219	-1.219	0	%100
57	M52	X	-2.429	-2.429	0	%100
58	M52	Z	-1.402	-1.402	0	%100
59	M55	X	-9.276	-9.276	0	%100
60	M55	Z	-5.356	-5.356	0	%100
61	M58	X	-4.407	-4.407	0	%100
62	M58	Z	-2.544	-2.544	0	%100
63	M60	X	-4.407	-4.407	0	%100
64	M60	Z	-2.544	-2.544	0	%100
65	M62	X	-16.7	-16.7	0	%100
66	M62	Z	-9.642	-9.642	0	%100
67	M63	X	0	0	0	%100
68	M63	Z	0	0	0	%100
69	M64	X	0	0	0	%100
70	M64	Z	0	0	0	%100
71	M65	X	-4.252	-4.252	0	%100
72	M65	Z	-2.455	-2.455	0	%100
73	M67	X	0	0	0	%100
74	M67	Z	0	0	0	%100
75	M68	X	-4.252	-4.252	0	%100
76	M68	Z	-2.455	-2.455	0	%100
77	M70	X	-8.448	-8.448	0	%100
78	M70	Z	-4.878	-4.878	0	%100
79	M71	X	-8.448	-8.448	0	%100
80	M71	Z	-4.878	-4.878	0	%100
81	M76	X	-2.212	-2.212	0	%100
82	M76	Z	-1.277	-1.277	0	%100
83	M79	X	-2.212	-2.212	0	%100
84	M79	Z	-1.277	-1.277	0	%100
85	M82	X	-2.435	-2.435	0	%100
86	M82	Z	-1.406	-1.406	0	%100
87	MP4B	X	-6.61	-6.61	0	%100
88	MP4B	Z	-3.817	-3.817	0	%100
89	MP3B	X	-6.61	-6.61	0	%100
90	MP3B	Z	-3.817	-3.817	0	%100
91	MP2B	X	-6.61	-6.61	0	%100
92	MP2B	Z	-3.817	-3.817	0	%100
93	MP1B	X	-6.61	-6.61	0	%100
94	MP1B	Z	-3.817	-3.817	0	%100
95	M91	X	-9.742	-9.742	0	%100
96	M91	Z	-5.624	-5.624	0	%100
97	MP4C	X	-6.61	-6.61	0	%100
98	MP4C	Z	-3.817	-3.817	0	%100
99	MP3C	X	-6.61	-6.61	0	%100
100	MP3C	Z	-3.817	-3.817	0	%100
101	MP2C	X	-6.61	-6.61	0	%100
102	MP2C	Z	-3.817	-3.817	0	%100
103	MP1C	X	-6.61	-6.61	0	%100
104	MP1C	Z	-3.817	-3.817	0	%100
105	M96A	X	-2.001	-2.001	0	%100
106	M96A	Z	-1.155	-1.155	0	%100
107	M101	X	-2.001	-2.001	0	%100
108	M101	Z	-1.155	-1.155	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location...	End Location[f...
109	M106	X	-8.002	-8.002	0	%100
110	M106	Z	-4.62	-4.62	0	%100
111	M117	X	-2.522	-2.522	0	%100
112	M117	Z	-1.456	-1.456	0	%100
113	M118	X	-10.087	-10.087	0	%100
114	M118	Z	-5.824	-5.824	0	%100
115	M119	X	-2.522	-2.522	0	%100
116	M119	Z	-1.456	-1.456	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location...	End Location[f...
1	M20	X	-4.218	-4.218	0	%100
2	M20	Z	-7.306	-7.306	0	%100
3	MP4A	X	-3.817	-3.817	0	%100
4	MP4A	Z	-6.61	-6.61	0	%100
5	MP3A	X	-3.817	-3.817	0	%100
6	MP3A	Z	-6.61	-6.61	0	%100
7	MP2A	X	-3.817	-3.817	0	%100
8	MP2A	Z	-6.61	-6.61	0	%100
9	MP1A	X	-3.817	-3.817	0	%100
10	MP1A	Z	-6.61	-6.61	0	%100
11	M142C	X	0	0	0	%100
12	M142C	Z	0	0	0	%100
13	M144C	X	-7.633	-7.633	0	%100
14	M144C	Z	-13.221	-13.221	0	%100
15	M164A	X	-7.231	-7.231	0	%100
16	M164A	Z	-12.525	-12.525	0	%100
17	M169A	X	-1.427	-1.427	0	%100
18	M169A	Z	-2.471	-2.471	0	%100
19	M160A	X	-2.425	-2.425	0	%100
20	M160A	Z	-4.201	-4.201	0	%100
21	M161A	X	0	0	0	%100
22	M161A	Z	0	0	0	%100
23	M163B	X	-2.425	-2.425	0	%100
24	M163B	Z	-4.201	-4.201	0	%100
25	M164B	X	-7.365	-7.365	0	%100
26	M164B	Z	-12.757	-12.757	0	%100
27	M169B	X	-3.658	-3.658	0	%100
28	M169B	Z	-6.336	-6.336	0	%100
29	M170B	X	-3.658	-3.658	0	%100
30	M170B	Z	-6.336	-6.336	0	%100
31	M183A	X	-3.954	-3.954	0	%100
32	M183A	Z	-6.849	-6.849	0	%100
33	M186A	X	-0.00098	-0.00098	0	%100
34	M186A	Z	-0.002	-0.002	0	%100
35	M94	X	-3.121	-3.121	0	%100
36	M94	Z	-5.406	-5.406	0	%100
37	M34	X	-7.633	-7.633	0	%100
38	M34	Z	-13.221	-13.221	0	%100
39	M36	X	-7.633	-7.633	0	%100
40	M36	Z	-13.221	-13.221	0	%100
41	M38	X	0	0	0	%100
42	M38	Z	0	0	0	%100
43	M39	X	-5.706	-5.706	0	%100
44	M39	Z	-9.883	-9.883	0	%100
45	M40	X	-9.701	-9.701	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location...	End Locationlf...
46	M40	Z	-16.803	-16.803	0	%100
47	M41	X	-7.365	-7.365	0	%100
48	M41	Z	-12.757	-12.757	0	%100
49	M43	X	-9.701	-9.701	0	%100
50	M43	Z	-16.803	-16.803	0	%100
51	M44	X	-7.365	-7.365	0	%100
52	M44	Z	-12.757	-12.757	0	%100
53	M46	X	0	0	0	%100
54	M46	Z	0	0	0	%100
55	M47	X	0	0	0	%100
56	M47	Z	0	0	0	%100
57	M52	X	-4.08	-4.08	0	%100
58	M52	Z	-7.066	-7.066	0	%100
59	M55	X	-4.08	-4.08	0	%100
60	M55	Z	-7.066	-7.066	0	%100
61	M58	X	-7.633	-7.633	0	%100
62	M58	Z	-13.221	-13.221	0	%100
63	M60	X	0	0	0	%100
64	M60	Z	0	0	0	%100
65	M62	X	-7.231	-7.231	0	%100
66	M62	Z	-12.525	-12.525	0	%100
67	M63	X	-1.427	-1.427	0	%100
68	M63	Z	-2.471	-2.471	0	%100
69	M64	X	-2.425	-2.425	0	%100
70	M64	Z	-4.201	-4.201	0	%100
71	M65	X	-7.365	-7.365	0	%100
72	M65	Z	-12.757	-12.757	0	%100
73	M67	X	-2.425	-2.425	0	%100
74	M67	Z	-4.201	-4.201	0	%100
75	M68	X	0	0	0	%100
76	M68	Z	0	0	0	%100
77	M70	X	-3.658	-3.658	0	%100
78	M70	Z	-6.336	-6.336	0	%100
79	M71	X	-3.658	-3.658	0	%100
80	M71	Z	-6.336	-6.336	0	%100
81	M76	X	-0.00098	-0.00098	0	%100
82	M76	Z	-0.002	-0.002	0	%100
83	M79	X	-3.954	-3.954	0	%100
84	M79	Z	-6.849	-6.849	0	%100
85	M82	X	0	0	0	%100
86	M82	Z	0	0	0	%100
87	MP4B	X	-3.817	-3.817	0	%100
88	MP4B	Z	-6.61	-6.61	0	%100
89	MP3B	X	-3.817	-3.817	0	%100
90	MP3B	Z	-6.61	-6.61	0	%100
91	MP2B	X	-3.817	-3.817	0	%100
92	MP2B	Z	-6.61	-6.61	0	%100
93	MP1B	X	-3.817	-3.817	0	%100
94	MP1B	Z	-6.61	-6.61	0	%100
95	M91	X	-4.218	-4.218	0	%100
96	M91	Z	-7.306	-7.306	0	%100
97	MP4C	X	-3.817	-3.817	0	%100
98	MP4C	Z	-6.61	-6.61	0	%100
99	MP3C	X	-3.817	-3.817	0	%100
100	MP3C	Z	-6.61	-6.61	0	%100
101	MP2C	X	-3.817	-3.817	0	%100
102	MP2C	Z	-6.61	-6.61	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft.F,ksf]	End Magnitude[lb/ft.F,ksf]	Start Location...	End Location[f...
103	MP1C	X	-3.817	-3.817	0	%100
104	MP1C	Z	-6.61	-6.61	0	%100
105	M96A	X	-3.465	-3.465	0	%100
106	M96A	Z	-6.002	-6.002	0	%100
107	M101	X	0	0	0	%100
108	M101	Z	0	0	0	%100
109	M106	X	-3.465	-3.465	0	%100
110	M106	Z	-6.002	-6.002	0	%100
111	M117	X	0	0	0	%100
112	M117	Z	0	0	0	%100
113	M118	X	-4.368	-4.368	0	%100
114	M118	Z	-7.565	-7.565	0	%100
115	M119	X	-4.368	-4.368	0	%100
116	M119	Z	-7.565	-7.565	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft.F,ksf]	End Magnitude[lb/ft.F,ksf]	Start Location...	End Location[f...
1	M20	X	0	0	0	%100
2	M20	Z	-3.164	-3.164	0	%100
3	MP4A	X	0	0	0	%100
4	MP4A	Z	-2.547	-2.547	0	%100
5	MP3A	X	0	0	0	%100
6	MP3A	Z	-2.547	-2.547	0	%100
7	MP2A	X	0	0	0	%100
8	MP2A	Z	-2.547	-2.547	0	%100
9	MP1A	X	0	0	0	%100
10	MP1A	Z	-2.547	-2.547	0	%100
11	M142C	X	0	0	0	%100
12	M142C	Z	-1.05	-1.05	0	%100
13	M144C	X	0	0	0	%100
14	M144C	Z	-1.05	-1.05	0	%100
15	M164A	X	0	0	0	%100
16	M164A	Z	-4.09	-4.09	0	%100
17	M169A	X	0	0	0	%100
18	M169A	Z	0	0	0	%100
19	M160A	X	0	0	0	%100
20	M160A	Z	0	0	0	%100
21	M161A	X	0	0	0	%100
22	M161A	Z	-1.02	-1.02	0	%100
23	M163B	X	0	0	0	%100
24	M163B	Z	0	0	0	%100
25	M164B	X	0	0	0	%100
26	M164B	Z	-1.02	-1.02	0	%100
27	M169B	X	0	0	0	%100
28	M169B	Z	-2.64	-2.64	0	%100
29	M170B	X	0	0	0	%100
30	M170B	Z	-2.64	-2.64	0	%100
31	M183A	X	0	0	0	%100
32	M183A	Z	-7.17	-7.17	0	%100
33	M186A	X	0	0	0	%100
34	M186A	Z	-7.17	-7.17	0	%100
35	M94	X	0	0	0	%100
36	M94	Z	-2.1	-2.1	0	%100
37	M34	X	0	0	0	%100
38	M34	Z	-1.05	-1.05	0	%100
39	M36	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location...	End Locationlf...
40	M36	Z	-4.201	-4.201	0	%100
41	M38	X	0	0	0	%100
42	M38	Z	-1.022	-1.022	0	%100
43	M39	X	0	0	0	%100
44	M39	Z	-2.394	-2.394	0	%100
45	M40	X	0	0	0	%100
46	M40	Z	-3.029	-3.029	0	%100
47	M41	X	0	0	0	%100
48	M41	Z	-1.02	-1.02	0	%100
49	M43	X	0	0	0	%100
50	M43	Z	-3.029	-3.029	0	%100
51	M44	X	0	0	0	%100
52	M44	Z	-4.079	-4.079	0	%100
53	M46	X	0	0	0	%100
54	M46	Z	-.66	-.66	0	%100
55	M47	X	0	0	0	%100
56	M47	Z	-.66	-.66	0	%100
57	M52	X	0	0	0	%100
58	M52	Z	-3.007	-3.007	0	%100
59	M55	X	0	0	0	%100
60	M55	Z	-.787	-.787	0	%100
61	M58	X	0	0	0	%100
62	M58	Z	-4.201	-4.201	0	%100
63	M60	X	0	0	0	%100
64	M60	Z	-1.05	-1.05	0	%100
65	M62	X	0	0	0	%100
66	M62	Z	-1.022	-1.022	0	%100
67	M63	X	0	0	0	%100
68	M63	Z	-2.394	-2.394	0	%100
69	M64	X	0	0	0	%100
70	M64	Z	-3.029	-3.029	0	%100
71	M65	X	0	0	0	%100
72	M65	Z	-4.079	-4.079	0	%100
73	M67	X	0	0	0	%100
74	M67	Z	-3.029	-3.029	0	%100
75	M68	X	0	0	0	%100
76	M68	Z	-1.02	-1.02	0	%100
77	M70	X	0	0	0	%100
78	M70	Z	-.66	-.66	0	%100
79	M71	X	0	0	0	%100
80	M71	Z	-.66	-.66	0	%100
81	M76	X	0	0	0	%100
82	M76	Z	-.787	-.787	0	%100
83	M79	X	0	0	0	%100
84	M79	Z	-3.007	-3.007	0	%100
85	M82	X	0	0	0	%100
86	M82	Z	-.791	-.791	0	%100
87	MP4B	X	0	0	0	%100
88	MP4B	Z	-2.547	-2.547	0	%100
89	MP3B	X	0	0	0	%100
90	MP3B	Z	-2.547	-2.547	0	%100
91	MP2B	X	0	0	0	%100
92	MP2B	Z	-2.547	-2.547	0	%100
93	MP1B	X	0	0	0	%100
94	MP1B	Z	-2.547	-2.547	0	%100
95	M91	X	0	0	0	%100
96	M91	Z	-.791	-.791	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location...	End Location[f...]
97	MP4C	X	0	0	0	%100
98	MP4C	Z	-2.547	-2.547	0	%100
99	MP3C	X	0	0	0	%100
100	MP3C	Z	-2.547	-2.547	0	%100
101	MP2C	X	0	0	0	%100
102	MP2C	Z	-2.547	-2.547	0	%100
103	MP1C	X	0	0	0	%100
104	MP1C	Z	-2.547	-2.547	0	%100
105	M96A	X	0	0	0	%100
106	M96A	Z	-2.821	-2.821	0	%100
107	M101	X	0	0	0	%100
108	M101	Z	-.705	-.705	0	%100
109	M106	X	0	0	0	%100
110	M106	Z	-.705	-.705	0	%100
111	M117	X	0	0	0	%100
112	M117	Z	-.729	-.729	0	%100
113	M118	X	0	0	0	%100
114	M118	Z	-.729	-.729	0	%100
115	M119	X	0	0	0	%100
116	M119	Z	-2.915	-2.915	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location...	End Location[f...]
1	M20	X	1.187	1.187	0	%100
2	M20	Z	-2.055	-2.055	0	%100
3	MP4A	X	1.273	1.273	0	%100
4	MP4A	Z	-2.206	-2.206	0	%100
5	MP3A	X	1.273	1.273	0	%100
6	MP3A	Z	-2.206	-2.206	0	%100
7	MP2A	X	1.273	1.273	0	%100
8	MP2A	Z	-2.206	-2.206	0	%100
9	MP1A	X	1.273	1.273	0	%100
10	MP1A	Z	-2.206	-2.206	0	%100
11	M142C	X	1.575	1.575	0	%100
12	M142C	Z	-2.729	-2.729	0	%100
13	M144C	X	0	0	0	%100
14	M144C	Z	0	0	0	%100
15	M164A	X	1.534	1.534	0	%100
16	M164A	Z	-2.657	-2.657	0	%100
17	M169A	X	.399	.399	0	%100
18	M169A	Z	-.691	-.691	0	%100
19	M160A	X	.505	.505	0	%100
20	M160A	Z	-.874	-.874	0	%100
21	M161A	X	1.53	1.53	0	%100
22	M161A	Z	-2.649	-2.649	0	%100
23	M163B	X	.505	.505	0	%100
24	M163B	Z	-.874	-.874	0	%100
25	M164B	X	0	0	0	%100
26	M164B	Z	0	0	0	%100
27	M169B	X	.99	.99	0	%100
28	M169B	Z	-1.715	-1.715	0	%100
29	M170B	X	.99	.99	0	%100
30	M170B	Z	-1.715	-1.715	0	%100
31	M183A	X	.000275	.000275	0	%100
32	M183A	Z	-.000476	-.000476	0	%100
33	M186A	X	1.11	1.11	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location...	End Locationlf...
34	M186A	Z	-1.923	-1.923	0	%100
35	M94	X	1.05	1.05	0	%100
36	M94	Z	-1.818	-1.818	0	%100
37	M34	X	0	0	0	%100
38	M34	Z	0	0	0	%100
39	M36	X	1.575	1.575	0	%100
40	M36	Z	-2.729	-2.729	0	%100
41	M38	X	1.534	1.534	0	%100
42	M38	Z	-2.657	-2.657	0	%100
43	M39	X	.399	.399	0	%100
44	M39	Z	-.691	-.691	0	%100
45	M40	X	.505	.505	0	%100
46	M40	Z	-.874	-.874	0	%100
47	M41	X	0	0	0	%100
48	M41	Z	0	0	0	%100
49	M43	X	.505	.505	0	%100
50	M43	Z	-.874	-.874	0	%100
51	M44	X	1.53	1.53	0	%100
52	M44	Z	-2.649	-2.649	0	%100
53	M46	X	.99	.99	0	%100
54	M46	Z	-1.715	-1.715	0	%100
55	M47	X	.99	.99	0	%100
56	M47	Z	-1.715	-1.715	0	%100
57	M52	X	1.11	1.11	0	%100
58	M52	Z	-1.923	-1.923	0	%100
59	M55	X	.000275	.000275	0	%100
60	M55	Z	-.000476	-.000476	0	%100
61	M58	X	1.575	1.575	0	%100
62	M58	Z	-2.729	-2.729	0	%100
63	M60	X	1.575	1.575	0	%100
64	M60	Z	-2.729	-2.729	0	%100
65	M62	X	0	0	0	%100
66	M62	Z	0	0	0	%100
67	M63	X	1.596	1.596	0	%100
68	M63	Z	-2.765	-2.765	0	%100
69	M64	X	2.019	2.019	0	%100
70	M64	Z	-3.497	-3.497	0	%100
71	M65	X	1.53	1.53	0	%100
72	M65	Z	-2.649	-2.649	0	%100
73	M67	X	2.019	2.019	0	%100
74	M67	Z	-3.497	-3.497	0	%100
75	M68	X	1.53	1.53	0	%100
76	M68	Z	-2.649	-2.649	0	%100
77	M70	X	0	0	0	%100
78	M70	Z	0	0	0	%100
79	M71	X	0	0	0	%100
80	M71	Z	0	0	0	%100
81	M76	X	1.145	1.145	0	%100
82	M76	Z	-1.984	-1.984	0	%100
83	M79	X	1.145	1.145	0	%100
84	M79	Z	-1.984	-1.984	0	%100
85	M82	X	1.187	1.187	0	%100
86	M82	Z	-2.055	-2.055	0	%100
87	MP4B	X	1.273	1.273	0	%100
88	MP4B	Z	-2.206	-2.206	0	%100
89	MP3B	X	1.273	1.273	0	%100
90	MP3B	Z	-2.206	-2.206	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location...	End Location[f...]
91	MP2B	X	1.273	1.273	0	%100
92	MP2B	Z	-2.206	-2.206	0	%100
93	MP1B	X	1.273	1.273	0	%100
94	MP1B	Z	-2.206	-2.206	0	%100
95	M91	X	0	0	0	%100
96	M91	Z	0	0	0	%100
97	MP4C	X	1.273	1.273	0	%100
98	MP4C	Z	-2.206	-2.206	0	%100
99	MP3C	X	1.273	1.273	0	%100
100	MP3C	Z	-2.206	-2.206	0	%100
101	MP2C	X	1.273	1.273	0	%100
102	MP2C	Z	-2.206	-2.206	0	%100
103	MP1C	X	1.273	1.273	0	%100
104	MP1C	Z	-2.206	-2.206	0	%100
105	M96A	X	1.058	1.058	0	%100
106	M96A	Z	-1.832	-1.832	0	%100
107	M101	X	1.058	1.058	0	%100
108	M101	Z	-1.832	-1.832	0	%100
109	M106	X	0	0	0	%100
110	M106	Z	0	0	0	%100
111	M117	X	1.093	1.093	0	%100
112	M117	Z	-1.894	-1.894	0	%100
113	M118	X	0	0	0	%100
114	M118	Z	0	0	0	%100
115	M119	X	1.093	1.093	0	%100
116	M119	Z	-1.894	-1.894	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location...	End Location[f...]
1	M20	X	.685	.685	0	%100
2	M20	Z	-.396	-.396	0	%100
3	MP4A	X	2.206	2.206	0	%100
4	MP4A	Z	-1.273	-1.273	0	%100
5	MP3A	X	2.206	2.206	0	%100
6	MP3A	Z	-1.273	-1.273	0	%100
7	MP2A	X	2.206	2.206	0	%100
8	MP2A	Z	-1.273	-1.273	0	%100
9	MP1A	X	2.206	2.206	0	%100
10	MP1A	Z	-1.273	-1.273	0	%100
11	M142C	X	3.638	3.638	0	%100
12	M142C	Z	-2.101	-2.101	0	%100
13	M144C	X	.91	.91	0	%100
14	M144C	Z	-.525	-.525	0	%100
15	M164A	X	.886	.886	0	%100
16	M164A	Z	-.511	-.511	0	%100
17	M169A	X	2.073	2.073	0	%100
18	M169A	Z	-1.197	-1.197	0	%100
19	M160A	X	2.623	2.623	0	%100
20	M160A	Z	-1.514	-1.514	0	%100
21	M161A	X	3.533	3.533	0	%100
22	M161A	Z	-2.04	-2.04	0	%100
23	M163B	X	2.623	2.623	0	%100
24	M163B	Z	-1.514	-1.514	0	%100
25	M164B	X	.883	.883	0	%100
26	M164B	Z	-.51	-.51	0	%100
27	M169B	X	.572	.572	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location...	End Locationlf...
28	M169B	Z	-.33	-.33	0	%100
29	M170B	X	.572	.572	0	%100
30	M170B	Z	-.33	-.33	0	%100
31	M183A	X	.682	.682	0	%100
32	M183A	Z	-.394	-.394	0	%100
33	M186A	X	2.604	2.604	0	%100
34	M186A	Z	-1.503	-1.503	0	%100
35	M94	X	1.818	1.818	0	%100
36	M94	Z	-1.05	-1.05	0	%100
37	M34	X	.91	.91	0	%100
38	M34	Z	-.525	-.525	0	%100
39	M36	X	.91	.91	0	%100
40	M36	Z	-.525	-.525	0	%100
41	M38	X	3.542	3.542	0	%100
42	M38	Z	-2.045	-2.045	0	%100
43	M39	X	0	0	0	%100
44	M39	Z	0	0	0	%100
45	M40	X	0	0	0	%100
46	M40	Z	0	0	0	%100
47	M41	X	.883	.883	0	%100
48	M41	Z	-.51	-.51	0	%100
49	M43	X	0	0	0	%100
50	M43	Z	0	0	0	%100
51	M44	X	.883	.883	0	%100
52	M44	Z	-.51	-.51	0	%100
53	M46	X	2.287	2.287	0	%100
54	M46	Z	-1.32	-1.32	0	%100
55	M47	X	2.287	2.287	0	%100
56	M47	Z	-1.32	-1.32	0	%100
57	M52	X	.621	.621	0	%100
58	M52	Z	-.358	-.358	0	%100
59	M55	X	.621	.621	0	%100
60	M55	Z	-.358	-.358	0	%100
61	M58	X	.91	.91	0	%100
62	M58	Z	-.525	-.525	0	%100
63	M60	X	3.638	3.638	0	%100
64	M60	Z	-2.101	-2.101	0	%100
65	M62	X	.886	.886	0	%100
66	M62	Z	-.511	-.511	0	%100
67	M63	X	2.073	2.073	0	%100
68	M63	Z	-1.197	-1.197	0	%100
69	M64	X	2.623	2.623	0	%100
70	M64	Z	-1.514	-1.514	0	%100
71	M65	X	.883	.883	0	%100
72	M65	Z	-.51	-.51	0	%100
73	M67	X	2.623	2.623	0	%100
74	M67	Z	-1.514	-1.514	0	%100
75	M68	X	3.533	3.533	0	%100
76	M68	Z	-2.04	-2.04	0	%100
77	M70	X	.572	.572	0	%100
78	M70	Z	-.33	-.33	0	%100
79	M71	X	.572	.572	0	%100
80	M71	Z	-.33	-.33	0	%100
81	M76	X	2.604	2.604	0	%100
82	M76	Z	-1.503	-1.503	0	%100
83	M79	X	.682	.682	0	%100
84	M79	Z	-.394	-.394	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location...	End Location[f...
85	M82	X	2.74	2.74	0	%100
86	M82	Z	-1.582	-1.582	0	%100
87	MP4B	X	2.206	2.206	0	%100
88	MP4B	Z	-1.273	-1.273	0	%100
89	MP3B	X	2.206	2.206	0	%100
90	MP3B	Z	-1.273	-1.273	0	%100
91	MP2B	X	2.206	2.206	0	%100
92	MP2B	Z	-1.273	-1.273	0	%100
93	MP1B	X	2.206	2.206	0	%100
94	MP1B	Z	-1.273	-1.273	0	%100
95	M91	X	.685	.685	0	%100
96	M91	Z	-.396	-.396	0	%100
97	MP4C	X	2.206	2.206	0	%100
98	MP4C	Z	-1.273	-1.273	0	%100
99	MP3C	X	2.206	2.206	0	%100
100	MP3C	Z	-1.273	-1.273	0	%100
101	MP2C	X	2.206	2.206	0	%100
102	MP2C	Z	-1.273	-1.273	0	%100
103	MP1C	X	2.206	2.206	0	%100
104	MP1C	Z	-1.273	-1.273	0	%100
105	M96A	X	.611	.611	0	%100
106	M96A	Z	-.353	-.353	0	%100
107	M101	X	2.443	2.443	0	%100
108	M101	Z	-1.411	-1.411	0	%100
109	M106	X	.611	.611	0	%100
110	M106	Z	-.353	-.353	0	%100
111	M117	X	2.525	2.525	0	%100
112	M117	Z	-1.458	-1.458	0	%100
113	M118	X	.631	.631	0	%100
114	M118	Z	-.364	-.364	0	%100
115	M119	X	.631	.631	0	%100
116	M119	Z	-.364	-.364	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location...	End Location[f...
1	M20	X	0	0	0	%100
2	M20	Z	0	0	0	%100
3	MP4A	X	2.547	2.547	0	%100
4	MP4A	Z	0	0	0	%100
5	MP3A	X	2.547	2.547	0	%100
6	MP3A	Z	0	0	0	%100
7	MP2A	X	2.547	2.547	0	%100
8	MP2A	Z	0	0	0	%100
9	MP1A	X	2.547	2.547	0	%100
10	MP1A	Z	0	0	0	%100
11	M142C	X	3.151	3.151	0	%100
12	M142C	Z	0	0	0	%100
13	M144C	X	3.151	3.151	0	%100
14	M144C	Z	0	0	0	%100
15	M164A	X	0	0	0	%100
16	M164A	Z	0	0	0	%100
17	M169A	X	3.192	3.192	0	%100
18	M169A	Z	0	0	0	%100
19	M160A	X	4.038	4.038	0	%100
20	M160A	Z	0	0	0	%100
21	M161A	X	3.059	3.059	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location...	End Locationlf...
22	M161A	Z	0	0	0	%100
23	M163B	X	4.038	4.038	0	%100
24	M163B	Z	0	0	0	%100
25	M164B	X	3.059	3.059	0	%100
26	M164B	Z	0	0	0	%100
27	M169B	X	0	0	0	%100
28	M169B	Z	0	0	0	%100
29	M170B	X	0	0	0	%100
30	M170B	Z	0	0	0	%100
31	M183A	X	2.29	2.29	0	%100
32	M183A	Z	0	0	0	%100
33	M186A	X	2.29	2.29	0	%100
34	M186A	Z	0	0	0	%100
35	M94	X	2.1	2.1	0	%100
36	M94	Z	0	0	0	%100
37	M34	X	3.151	3.151	0	%100
38	M34	Z	0	0	0	%100
39	M36	X	0	0	0	%100
40	M36	Z	0	0	0	%100
41	M38	X	3.067	3.067	0	%100
42	M38	Z	0	0	0	%100
43	M39	X	.798	.798	0	%100
44	M39	Z	0	0	0	%100
45	M40	X	1.01	1.01	0	%100
46	M40	Z	0	0	0	%100
47	M41	X	3.059	3.059	0	%100
48	M41	Z	0	0	0	%100
49	M43	X	1.01	1.01	0	%100
50	M43	Z	0	0	0	%100
51	M44	X	0	0	0	%100
52	M44	Z	0	0	0	%100
53	M46	X	1.98	1.98	0	%100
54	M46	Z	0	0	0	%100
55	M47	X	1.98	1.98	0	%100
56	M47	Z	0	0	0	%100
57	M52	X	.00055	.00055	0	%100
58	M52	Z	0	0	0	%100
59	M55	X	2.22	2.22	0	%100
60	M55	Z	0	0	0	%100
61	M58	X	0	0	0	%100
62	M58	Z	0	0	0	%100
63	M60	X	3.151	3.151	0	%100
64	M60	Z	0	0	0	%100
65	M62	X	3.067	3.067	0	%100
66	M62	Z	0	0	0	%100
67	M63	X	.798	.798	0	%100
68	M63	Z	0	0	0	%100
69	M64	X	1.01	1.01	0	%100
70	M64	Z	0	0	0	%100
71	M65	X	0	0	0	%100
72	M65	Z	0	0	0	%100
73	M67	X	1.01	1.01	0	%100
74	M67	Z	0	0	0	%100
75	M68	X	3.059	3.059	0	%100
76	M68	Z	0	0	0	%100
77	M70	X	1.98	1.98	0	%100
78	M70	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location...	End Location[f...]
79	M71	X	1.98	1.98	0	%100
80	M71	Z	0	0	0	%100
81	M76	X	2.22	2.22	0	%100
82	M76	Z	0	0	0	%100
83	M79	X	.00055	.00055	0	%100
84	M79	Z	0	0	0	%100
85	M82	X	2.373	2.373	0	%100
86	M82	Z	0	0	0	%100
87	MP4B	X	2.547	2.547	0	%100
88	MP4B	Z	0	0	0	%100
89	MP3B	X	2.547	2.547	0	%100
90	MP3B	Z	0	0	0	%100
91	MP2B	X	2.547	2.547	0	%100
92	MP2B	Z	0	0	0	%100
93	MP1B	X	2.547	2.547	0	%100
94	MP1B	Z	0	0	0	%100
95	M91	X	2.373	2.373	0	%100
96	M91	Z	0	0	0	%100
97	MP4C	X	2.547	2.547	0	%100
98	MP4C	Z	0	0	0	%100
99	MP3C	X	2.547	2.547	0	%100
100	MP3C	Z	0	0	0	%100
101	MP2C	X	2.547	2.547	0	%100
102	MP2C	Z	0	0	0	%100
103	MP1C	X	2.547	2.547	0	%100
104	MP1C	Z	0	0	0	%100
105	M96A	X	0	0	0	%100
106	M96A	Z	0	0	0	%100
107	M101	X	2.116	2.116	0	%100
108	M101	Z	0	0	0	%100
109	M106	X	2.116	2.116	0	%100
110	M106	Z	0	0	0	%100
111	M117	X	2.187	2.187	0	%100
112	M117	Z	0	0	0	%100
113	M118	X	2.187	2.187	0	%100
114	M118	Z	0	0	0	%100
115	M119	X	0	0	0	%100
116	M119	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location...	End Location[f...]
1	M20	X	.685	.685	0	%100
2	M20	Z	.396	.396	0	%100
3	MP4A	X	2.206	2.206	0	%100
4	MP4A	Z	1.273	1.273	0	%100
5	MP3A	X	2.206	2.206	0	%100
6	MP3A	Z	1.273	1.273	0	%100
7	MP2A	X	2.206	2.206	0	%100
8	MP2A	Z	1.273	1.273	0	%100
9	MP1A	X	2.206	2.206	0	%100
10	MP1A	Z	1.273	1.273	0	%100
11	M142C	X	.91	.91	0	%100
12	M142C	Z	.525	.525	0	%100
13	M144C	X	3.638	3.638	0	%100
14	M144C	Z	2.101	2.101	0	%100
15	M164A	X	.886	.886	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location...	End Locationlf...
16	M164A	Z	.511	.511	0	%100
17	M169A	X	2.073	2.073	0	%100
18	M169A	Z	1.197	1.197	0	%100
19	M160A	X	2.623	2.623	0	%100
20	M160A	Z	1.514	1.514	0	%100
21	M161A	X	.883	.883	0	%100
22	M161A	Z	.51	.51	0	%100
23	M163B	X	2.623	2.623	0	%100
24	M163B	Z	1.514	1.514	0	%100
25	M164B	X	3.533	3.533	0	%100
26	M164B	Z	2.04	2.04	0	%100
27	M169B	X	.572	.572	0	%100
28	M169B	Z	.33	.33	0	%100
29	M170B	X	.572	.572	0	%100
30	M170B	Z	.33	.33	0	%100
31	M183A	X	2.604	2.604	0	%100
32	M183A	Z	1.503	1.503	0	%100
33	M186A	X	.682	.682	0	%100
34	M186A	Z	.394	.394	0	%100
35	M94	X	1.818	1.818	0	%100
36	M94	Z	1.05	1.05	0	%100
37	M34	X	3.638	3.638	0	%100
38	M34	Z	2.101	2.101	0	%100
39	M36	X	.91	.91	0	%100
40	M36	Z	.525	.525	0	%100
41	M38	X	.886	.886	0	%100
42	M38	Z	.511	.511	0	%100
43	M39	X	2.073	2.073	0	%100
44	M39	Z	1.197	1.197	0	%100
45	M40	X	2.623	2.623	0	%100
46	M40	Z	1.514	1.514	0	%100
47	M41	X	3.533	3.533	0	%100
48	M41	Z	2.04	2.04	0	%100
49	M43	X	2.623	2.623	0	%100
50	M43	Z	1.514	1.514	0	%100
51	M44	X	.883	.883	0	%100
52	M44	Z	.51	.51	0	%100
53	M46	X	.572	.572	0	%100
54	M46	Z	.33	.33	0	%100
55	M47	X	.572	.572	0	%100
56	M47	Z	.33	.33	0	%100
57	M52	X	.682	.682	0	%100
58	M52	Z	.394	.394	0	%100
59	M55	X	2.604	2.604	0	%100
60	M55	Z	1.503	1.503	0	%100
61	M58	X	.91	.91	0	%100
62	M58	Z	.525	.525	0	%100
63	M60	X	.91	.91	0	%100
64	M60	Z	.525	.525	0	%100
65	M62	X	3.542	3.542	0	%100
66	M62	Z	2.045	2.045	0	%100
67	M63	X	0	0	0	%100
68	M63	Z	0	0	0	%100
69	M64	X	0	0	0	%100
70	M64	Z	0	0	0	%100
71	M65	X	.883	.883	0	%100
72	M65	Z	.51	.51	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft.F,ksf]	End Magnitude[lb/ft.F,ksf]	Start Location...	End Location[f...
73	M67	X	0	0	0	%100
74	M67	Z	0	0	0	%100
75	M68	X	.883	.883	0	%100
76	M68	Z	.51	.51	0	%100
77	M70	X	2.287	2.287	0	%100
78	M70	Z	1.32	1.32	0	%100
79	M71	X	2.287	2.287	0	%100
80	M71	Z	1.32	1.32	0	%100
81	M76	X	.621	.621	0	%100
82	M76	Z	.358	.358	0	%100
83	M79	X	.621	.621	0	%100
84	M79	Z	.358	.358	0	%100
85	M82	X	.685	.685	0	%100
86	M82	Z	.396	.396	0	%100
87	MP4B	X	2.206	2.206	0	%100
88	MP4B	Z	1.273	1.273	0	%100
89	MP3B	X	2.206	2.206	0	%100
90	MP3B	Z	1.273	1.273	0	%100
91	MP2B	X	2.206	2.206	0	%100
92	MP2B	Z	1.273	1.273	0	%100
93	MP1B	X	2.206	2.206	0	%100
94	MP1B	Z	1.273	1.273	0	%100
95	M91	X	2.74	2.74	0	%100
96	M91	Z	1.582	1.582	0	%100
97	MP4C	X	2.206	2.206	0	%100
98	MP4C	Z	1.273	1.273	0	%100
99	MP3C	X	2.206	2.206	0	%100
100	MP3C	Z	1.273	1.273	0	%100
101	MP2C	X	2.206	2.206	0	%100
102	MP2C	Z	1.273	1.273	0	%100
103	MP1C	X	2.206	2.206	0	%100
104	MP1C	Z	1.273	1.273	0	%100
105	M96A	X	.611	.611	0	%100
106	M96A	Z	.353	.353	0	%100
107	M101	X	.611	.611	0	%100
108	M101	Z	.353	.353	0	%100
109	M106	X	2.443	2.443	0	%100
110	M106	Z	1.411	1.411	0	%100
111	M117	X	.631	.631	0	%100
112	M117	Z	.364	.364	0	%100
113	M118	X	2.525	2.525	0	%100
114	M118	Z	1.458	1.458	0	%100
115	M119	X	.631	.631	0	%100
116	M119	Z	.364	.364	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft.F,ksf]	End Magnitude[lb/ft.F,ksf]	Start Location...	End Location[f...
1	M20	X	1.187	1.187	0	%100
2	M20	Z	2.055	2.055	0	%100
3	MP4A	X	1.273	1.273	0	%100
4	MP4A	Z	2.206	2.206	0	%100
5	MP3A	X	1.273	1.273	0	%100
6	MP3A	Z	2.206	2.206	0	%100
7	MP2A	X	1.273	1.273	0	%100
8	MP2A	Z	2.206	2.206	0	%100
9	MP1A	X	1.273	1.273	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location...	End Locationlf...
10	MP1A	Z	2.206	2.206	0	%100
11	M142C	X	0	0	0	%100
12	M142C	Z	0	0	0	%100
13	M144C	X	1.575	1.575	0	%100
14	M144C	Z	2.729	2.729	0	%100
15	M164A	X	1.534	1.534	0	%100
16	M164A	Z	2.657	2.657	0	%100
17	M169A	X	.399	.399	0	%100
18	M169A	Z	.691	.691	0	%100
19	M160A	X	.505	.505	0	%100
20	M160A	Z	.874	.874	0	%100
21	M161A	X	0	0	0	%100
22	M161A	Z	0	0	0	%100
23	M163B	X	.505	.505	0	%100
24	M163B	Z	.874	.874	0	%100
25	M164B	X	1.53	1.53	0	%100
26	M164B	Z	2.649	2.649	0	%100
27	M169B	X	.99	.99	0	%100
28	M169B	Z	1.715	1.715	0	%100
29	M170B	X	.99	.99	0	%100
30	M170B	Z	1.715	1.715	0	%100
31	M183A	X	1.11	1.11	0	%100
32	M183A	Z	1.923	1.923	0	%100
33	M186A	X	.000275	.000275	0	%100
34	M186A	Z	.000476	.000476	0	%100
35	M94	X	1.05	1.05	0	%100
36	M94	Z	1.818	1.818	0	%100
37	M34	X	1.575	1.575	0	%100
38	M34	Z	2.729	2.729	0	%100
39	M36	X	1.575	1.575	0	%100
40	M36	Z	2.729	2.729	0	%100
41	M38	X	0	0	0	%100
42	M38	Z	0	0	0	%100
43	M39	X	1.596	1.596	0	%100
44	M39	Z	2.765	2.765	0	%100
45	M40	X	2.019	2.019	0	%100
46	M40	Z	3.497	3.497	0	%100
47	M41	X	1.53	1.53	0	%100
48	M41	Z	2.649	2.649	0	%100
49	M43	X	2.019	2.019	0	%100
50	M43	Z	3.497	3.497	0	%100
51	M44	X	1.53	1.53	0	%100
52	M44	Z	2.649	2.649	0	%100
53	M46	X	0	0	0	%100
54	M46	Z	0	0	0	%100
55	M47	X	0	0	0	%100
56	M47	Z	0	0	0	%100
57	M52	X	1.145	1.145	0	%100
58	M52	Z	1.984	1.984	0	%100
59	M55	X	1.145	1.145	0	%100
60	M55	Z	1.984	1.984	0	%100
61	M58	X	1.575	1.575	0	%100
62	M58	Z	2.729	2.729	0	%100
63	M60	X	0	0	0	%100
64	M60	Z	0	0	0	%100
65	M62	X	1.534	1.534	0	%100
66	M62	Z	2.657	2.657	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location...	End Location[f...
67	M63	X	.399	.399	0	%100
68	M63	Z	.691	.691	0	%100
69	M64	X	.505	.505	0	%100
70	M64	Z	.874	.874	0	%100
71	M65	X	1.53	1.53	0	%100
72	M65	Z	2.649	2.649	0	%100
73	M67	X	.505	.505	0	%100
74	M67	Z	.874	.874	0	%100
75	M68	X	0	0	0	%100
76	M68	Z	0	0	0	%100
77	M70	X	.99	.99	0	%100
78	M70	Z	1.715	1.715	0	%100
79	M71	X	.99	.99	0	%100
80	M71	Z	1.715	1.715	0	%100
81	M76	X	.000275	.000275	0	%100
82	M76	Z	.000476	.000476	0	%100
83	M79	X	1.11	1.11	0	%100
84	M79	Z	1.923	1.923	0	%100
85	M82	X	0	0	0	%100
86	M82	Z	0	0	0	%100
87	MP4B	X	1.273	1.273	0	%100
88	MP4B	Z	2.206	2.206	0	%100
89	MP3B	X	1.273	1.273	0	%100
90	MP3B	Z	2.206	2.206	0	%100
91	MP2B	X	1.273	1.273	0	%100
92	MP2B	Z	2.206	2.206	0	%100
93	MP1B	X	1.273	1.273	0	%100
94	MP1B	Z	2.206	2.206	0	%100
95	M91	X	1.187	1.187	0	%100
96	M91	Z	2.055	2.055	0	%100
97	MP4C	X	1.273	1.273	0	%100
98	MP4C	Z	2.206	2.206	0	%100
99	MP3C	X	1.273	1.273	0	%100
100	MP3C	Z	2.206	2.206	0	%100
101	MP2C	X	1.273	1.273	0	%100
102	MP2C	Z	2.206	2.206	0	%100
103	MP1C	X	1.273	1.273	0	%100
104	MP1C	Z	2.206	2.206	0	%100
105	M96A	X	1.058	1.058	0	%100
106	M96A	Z	1.832	1.832	0	%100
107	M101	X	0	0	0	%100
108	M101	Z	0	0	0	%100
109	M106	X	1.058	1.058	0	%100
110	M106	Z	1.832	1.832	0	%100
111	M117	X	0	0	0	%100
112	M117	Z	0	0	0	%100
113	M118	X	1.093	1.093	0	%100
114	M118	Z	1.894	1.894	0	%100
115	M119	X	1.093	1.093	0	%100
116	M119	Z	1.894	1.894	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location...	End Location[f...
1	M20	X	0	0	0	%100
2	M20	Z	3.164	3.164	0	%100
3	MP4A	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location...	End Locationlf...
4	MP4A	Z	2.547	2.547	0	%100
5	MP3A	X	0	0	0	%100
6	MP3A	Z	2.547	2.547	0	%100
7	MP2A	X	0	0	0	%100
8	MP2A	Z	2.547	2.547	0	%100
9	MP1A	X	0	0	0	%100
10	MP1A	Z	2.547	2.547	0	%100
11	M142C	X	0	0	0	%100
12	M142C	Z	1.05	1.05	0	%100
13	M144C	X	0	0	0	%100
14	M144C	Z	1.05	1.05	0	%100
15	M164A	X	0	0	0	%100
16	M164A	Z	4.09	4.09	0	%100
17	M169A	X	0	0	0	%100
18	M169A	Z	0	0	0	%100
19	M160A	X	0	0	0	%100
20	M160A	Z	0	0	0	%100
21	M161A	X	0	0	0	%100
22	M161A	Z	1.02	1.02	0	%100
23	M163B	X	0	0	0	%100
24	M163B	Z	0	0	0	%100
25	M164B	X	0	0	0	%100
26	M164B	Z	1.02	1.02	0	%100
27	M169B	X	0	0	0	%100
28	M169B	Z	2.64	2.64	0	%100
29	M170B	X	0	0	0	%100
30	M170B	Z	2.64	2.64	0	%100
31	M183A	X	0	0	0	%100
32	M183A	Z	.717	.717	0	%100
33	M186A	X	0	0	0	%100
34	M186A	Z	.717	.717	0	%100
35	M94	X	0	0	0	%100
36	M94	Z	2.1	2.1	0	%100
37	M34	X	0	0	0	%100
38	M34	Z	1.05	1.05	0	%100
39	M36	X	0	0	0	%100
40	M36	Z	4.201	4.201	0	%100
41	M38	X	0	0	0	%100
42	M38	Z	1.022	1.022	0	%100
43	M39	X	0	0	0	%100
44	M39	Z	2.394	2.394	0	%100
45	M40	X	0	0	0	%100
46	M40	Z	3.029	3.029	0	%100
47	M41	X	0	0	0	%100
48	M41	Z	1.02	1.02	0	%100
49	M43	X	0	0	0	%100
50	M43	Z	3.029	3.029	0	%100
51	M44	X	0	0	0	%100
52	M44	Z	4.079	4.079	0	%100
53	M46	X	0	0	0	%100
54	M46	Z	.66	.66	0	%100
55	M47	X	0	0	0	%100
56	M47	Z	.66	.66	0	%100
57	M52	X	0	0	0	%100
58	M52	Z	3.007	3.007	0	%100
59	M55	X	0	0	0	%100
60	M55	Z	.787	.787	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location...	End Locationf...
61	M58	X	0	0	0	%100
62	M58	Z	4.201	4.201	0	%100
63	M60	X	0	0	0	%100
64	M60	Z	1.05	1.05	0	%100
65	M62	X	0	0	0	%100
66	M62	Z	1.022	1.022	0	%100
67	M63	X	0	0	0	%100
68	M63	Z	2.394	2.394	0	%100
69	M64	X	0	0	0	%100
70	M64	Z	3.029	3.029	0	%100
71	M65	X	0	0	0	%100
72	M65	Z	4.079	4.079	0	%100
73	M67	X	0	0	0	%100
74	M67	Z	3.029	3.029	0	%100
75	M68	X	0	0	0	%100
76	M68	Z	1.02	1.02	0	%100
77	M70	X	0	0	0	%100
78	M70	Z	.66	.66	0	%100
79	M71	X	0	0	0	%100
80	M71	Z	.66	.66	0	%100
81	M76	X	0	0	0	%100
82	M76	Z	.787	.787	0	%100
83	M79	X	0	0	0	%100
84	M79	Z	3.007	3.007	0	%100
85	M82	X	0	0	0	%100
86	M82	Z	.791	.791	0	%100
87	MP4B	X	0	0	0	%100
88	MP4B	Z	2.547	2.547	0	%100
89	MP3B	X	0	0	0	%100
90	MP3B	Z	2.547	2.547	0	%100
91	MP2B	X	0	0	0	%100
92	MP2B	Z	2.547	2.547	0	%100
93	MP1B	X	0	0	0	%100
94	MP1B	Z	2.547	2.547	0	%100
95	M91	X	0	0	0	%100
96	M91	Z	.791	.791	0	%100
97	MP4C	X	0	0	0	%100
98	MP4C	Z	2.547	2.547	0	%100
99	MP3C	X	0	0	0	%100
100	MP3C	Z	2.547	2.547	0	%100
101	MP2C	X	0	0	0	%100
102	MP2C	Z	2.547	2.547	0	%100
103	MP1C	X	0	0	0	%100
104	MP1C	Z	2.547	2.547	0	%100
105	M96A	X	0	0	0	%100
106	M96A	Z	2.821	2.821	0	%100
107	M101	X	0	0	0	%100
108	M101	Z	.705	.705	0	%100
109	M106	X	0	0	0	%100
110	M106	Z	.705	.705	0	%100
111	M117	X	0	0	0	%100
112	M117	Z	.729	.729	0	%100
113	M118	X	0	0	0	%100
114	M118	Z	.729	.729	0	%100
115	M119	X	0	0	0	%100
116	M119	Z	2.915	2.915	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location...	End Location[f...]
1	M20	X	-1.187	-1.187	0	%100
2	M20	Z	2.055	2.055	0	%100
3	MP4A	X	-1.273	-1.273	0	%100
4	MP4A	Z	2.206	2.206	0	%100
5	MP3A	X	-1.273	-1.273	0	%100
6	MP3A	Z	2.206	2.206	0	%100
7	MP2A	X	-1.273	-1.273	0	%100
8	MP2A	Z	2.206	2.206	0	%100
9	MP1A	X	-1.273	-1.273	0	%100
10	MP1A	Z	2.206	2.206	0	%100
11	M142C	X	-1.575	-1.575	0	%100
12	M142C	Z	2.729	2.729	0	%100
13	M144C	X	0	0	0	%100
14	M144C	Z	0	0	0	%100
15	M164A	X	-1.534	-1.534	0	%100
16	M164A	Z	2.657	2.657	0	%100
17	M169A	X	-.399	-.399	0	%100
18	M169A	Z	.691	.691	0	%100
19	M160A	X	-.505	-.505	0	%100
20	M160A	Z	.874	.874	0	%100
21	M161A	X	-1.53	-1.53	0	%100
22	M161A	Z	2.649	2.649	0	%100
23	M163B	X	-.505	-.505	0	%100
24	M163B	Z	.874	.874	0	%100
25	M164B	X	0	0	0	%100
26	M164B	Z	0	0	0	%100
27	M169B	X	-.99	-.99	0	%100
28	M169B	Z	1.715	1.715	0	%100
29	M170B	X	-.99	-.99	0	%100
30	M170B	Z	1.715	1.715	0	%100
31	M183A	X	-.000275	-.000275	0	%100
32	M183A	Z	.000476	.000476	0	%100
33	M186A	X	-1.11	-1.11	0	%100
34	M186A	Z	1.923	1.923	0	%100
35	M94	X	-1.05	-1.05	0	%100
36	M94	Z	1.818	1.818	0	%100
37	M34	X	0	0	0	%100
38	M34	Z	0	0	0	%100
39	M36	X	-1.575	-1.575	0	%100
40	M36	Z	2.729	2.729	0	%100
41	M38	X	-1.534	-1.534	0	%100
42	M38	Z	2.657	2.657	0	%100
43	M39	X	-.399	-.399	0	%100
44	M39	Z	.691	.691	0	%100
45	M40	X	-.505	-.505	0	%100
46	M40	Z	.874	.874	0	%100
47	M41	X	0	0	0	%100
48	M41	Z	0	0	0	%100
49	M43	X	-.505	-.505	0	%100
50	M43	Z	.874	.874	0	%100
51	M44	X	-1.53	-1.53	0	%100
52	M44	Z	2.649	2.649	0	%100
53	M46	X	-.99	-.99	0	%100
54	M46	Z	1.715	1.715	0	%100
55	M47	X	-.99	-.99	0	%100
56	M47	Z	1.715	1.715	0	%100
57	M52	X	-1.11	-1.11	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location...	End Locationlf...
58	M52	Z	1.923	1.923	0	%100
59	M55	X	-.000275	-.000275	0	%100
60	M55	Z	.000476	.000476	0	%100
61	M58	X	-1.575	-1.575	0	%100
62	M58	Z	2.729	2.729	0	%100
63	M60	X	-1.575	-1.575	0	%100
64	M60	Z	2.729	2.729	0	%100
65	M62	X	0	0	0	%100
66	M62	Z	0	0	0	%100
67	M63	X	-1.596	-1.596	0	%100
68	M63	Z	2.765	2.765	0	%100
69	M64	X	-2.019	-2.019	0	%100
70	M64	Z	3.497	3.497	0	%100
71	M65	X	-1.53	-1.53	0	%100
72	M65	Z	2.649	2.649	0	%100
73	M67	X	-2.019	-2.019	0	%100
74	M67	Z	3.497	3.497	0	%100
75	M68	X	-1.53	-1.53	0	%100
76	M68	Z	2.649	2.649	0	%100
77	M70	X	0	0	0	%100
78	M70	Z	0	0	0	%100
79	M71	X	0	0	0	%100
80	M71	Z	0	0	0	%100
81	M76	X	-1.145	-1.145	0	%100
82	M76	Z	1.984	1.984	0	%100
83	M79	X	-1.145	-1.145	0	%100
84	M79	Z	1.984	1.984	0	%100
85	M82	X	-1.187	-1.187	0	%100
86	M82	Z	2.055	2.055	0	%100
87	MP4B	X	-1.273	-1.273	0	%100
88	MP4B	Z	2.206	2.206	0	%100
89	MP3B	X	-1.273	-1.273	0	%100
90	MP3B	Z	2.206	2.206	0	%100
91	MP2B	X	-1.273	-1.273	0	%100
92	MP2B	Z	2.206	2.206	0	%100
93	MP1B	X	-1.273	-1.273	0	%100
94	MP1B	Z	2.206	2.206	0	%100
95	M91	X	0	0	0	%100
96	M91	Z	0	0	0	%100
97	MP4C	X	-1.273	-1.273	0	%100
98	MP4C	Z	2.206	2.206	0	%100
99	MP3C	X	-1.273	-1.273	0	%100
100	MP3C	Z	2.206	2.206	0	%100
101	MP2C	X	-1.273	-1.273	0	%100
102	MP2C	Z	2.206	2.206	0	%100
103	MP1C	X	-1.273	-1.273	0	%100
104	MP1C	Z	2.206	2.206	0	%100
105	M96A	X	-1.058	-1.058	0	%100
106	M96A	Z	1.832	1.832	0	%100
107	M101	X	-1.058	-1.058	0	%100
108	M101	Z	1.832	1.832	0	%100
109	M106	X	0	0	0	%100
110	M106	Z	0	0	0	%100
111	M117	X	-1.093	-1.093	0	%100
112	M117	Z	1.894	1.894	0	%100
113	M118	X	0	0	0	%100
114	M118	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location...	End Location[f...
115	M119	X	-1.093	-1.093	0	%100
116	M119	Z	1.894	1.894	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location...	End Location[f...
1	M20	X	-.685	-.685	0	%100
2	M20	Z	.396	.396	0	%100
3	MP4A	X	-2.206	-2.206	0	%100
4	MP4A	Z	1.273	1.273	0	%100
5	MP3A	X	-2.206	-2.206	0	%100
6	MP3A	Z	1.273	1.273	0	%100
7	MP2A	X	-2.206	-2.206	0	%100
8	MP2A	Z	1.273	1.273	0	%100
9	MP1A	X	-2.206	-2.206	0	%100
10	MP1A	Z	1.273	1.273	0	%100
11	M142C	X	-3.638	-3.638	0	%100
12	M142C	Z	2.101	2.101	0	%100
13	M144C	X	-.91	-.91	0	%100
14	M144C	Z	.525	.525	0	%100
15	M164A	X	-.886	-.886	0	%100
16	M164A	Z	.511	.511	0	%100
17	M169A	X	-2.073	-2.073	0	%100
18	M169A	Z	1.197	1.197	0	%100
19	M160A	X	-2.623	-2.623	0	%100
20	M160A	Z	1.514	1.514	0	%100
21	M161A	X	-3.533	-3.533	0	%100
22	M161A	Z	2.04	2.04	0	%100
23	M163B	X	-2.623	-2.623	0	%100
24	M163B	Z	1.514	1.514	0	%100
25	M164B	X	-.883	-.883	0	%100
26	M164B	Z	.51	.51	0	%100
27	M169B	X	-.572	-.572	0	%100
28	M169B	Z	.33	.33	0	%100
29	M170B	X	-.572	-.572	0	%100
30	M170B	Z	.33	.33	0	%100
31	M183A	X	-.682	-.682	0	%100
32	M183A	Z	.394	.394	0	%100
33	M186A	X	-2.604	-2.604	0	%100
34	M186A	Z	1.503	1.503	0	%100
35	M94	X	-1.818	-1.818	0	%100
36	M94	Z	1.05	1.05	0	%100
37	M34	X	-.91	-.91	0	%100
38	M34	Z	.525	.525	0	%100
39	M36	X	-.91	-.91	0	%100
40	M36	Z	.525	.525	0	%100
41	M38	X	-3.542	-3.542	0	%100
42	M38	Z	2.045	2.045	0	%100
43	M39	X	0	0	0	%100
44	M39	Z	0	0	0	%100
45	M40	X	0	0	0	%100
46	M40	Z	0	0	0	%100
47	M41	X	-.883	-.883	0	%100
48	M41	Z	.51	.51	0	%100
49	M43	X	0	0	0	%100
50	M43	Z	0	0	0	%100
51	M44	X	-.883	-.883	0	%100

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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location...	End Locationlf...
52	M44	Z	.51	0	%100
53	M46	X	-2.287	0	%100
54	M46	Z	1.32	0	%100
55	M47	X	-2.287	0	%100
56	M47	Z	1.32	0	%100
57	M52	X	-.621	0	%100
58	M52	Z	.358	0	%100
59	M55	X	-.621	0	%100
60	M55	Z	.358	0	%100
61	M58	X	-.91	0	%100
62	M58	Z	.525	0	%100
63	M60	X	-3.638	0	%100
64	M60	Z	2.101	0	%100
65	M62	X	-.886	0	%100
66	M62	Z	.511	0	%100
67	M63	X	-2.073	0	%100
68	M63	Z	1.197	0	%100
69	M64	X	-2.623	0	%100
70	M64	Z	1.514	0	%100
71	M65	X	-.883	0	%100
72	M65	Z	.51	0	%100
73	M67	X	-2.623	0	%100
74	M67	Z	1.514	0	%100
75	M68	X	-3.533	0	%100
76	M68	Z	2.04	0	%100
77	M70	X	-.572	0	%100
78	M70	Z	.33	0	%100
79	M71	X	-.572	0	%100
80	M71	Z	.33	0	%100
81	M76	X	-2.604	0	%100
82	M76	Z	1.503	0	%100
83	M79	X	-.682	0	%100
84	M79	Z	.394	0	%100
85	M82	X	-2.74	0	%100
86	M82	Z	1.582	0	%100
87	MP4B	X	-2.206	0	%100
88	MP4B	Z	1.273	0	%100
89	MP3B	X	-2.206	0	%100
90	MP3B	Z	1.273	0	%100
91	MP2B	X	-2.206	0	%100
92	MP2B	Z	1.273	0	%100
93	MP1B	X	-2.206	0	%100
94	MP1B	Z	1.273	0	%100
95	M91	X	-.685	0	%100
96	M91	Z	.396	0	%100
97	MP4C	X	-2.206	0	%100
98	MP4C	Z	1.273	0	%100
99	MP3C	X	-2.206	0	%100
100	MP3C	Z	1.273	0	%100
101	MP2C	X	-2.206	0	%100
102	MP2C	Z	1.273	0	%100
103	MP1C	X	-2.206	0	%100
104	MP1C	Z	1.273	0	%100
105	M96A	X	-.611	0	%100
106	M96A	Z	.353	0	%100
107	M101	X	-2.443	0	%100
108	M101	Z	1.411	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location...	End Location[f...
109	M106	X	-.611	-.611	0	%100
110	M106	Z	.353	.353	0	%100
111	M117	X	-2.525	-2.525	0	%100
112	M117	Z	1.458	1.458	0	%100
113	M118	X	-.631	-.631	0	%100
114	M118	Z	.364	.364	0	%100
115	M119	X	-.631	-.631	0	%100
116	M119	Z	.364	.364	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location...	End Location[f...
1	M20	X	0	0	0	%100
2	M20	Z	0	0	0	%100
3	MP4A	X	-2.547	-2.547	0	%100
4	MP4A	Z	0	0	0	%100
5	MP3A	X	-2.547	-2.547	0	%100
6	MP3A	Z	0	0	0	%100
7	MP2A	X	-2.547	-2.547	0	%100
8	MP2A	Z	0	0	0	%100
9	MP1A	X	-2.547	-2.547	0	%100
10	MP1A	Z	0	0	0	%100
11	M142C	X	-3.151	-3.151	0	%100
12	M142C	Z	0	0	0	%100
13	M144C	X	-3.151	-3.151	0	%100
14	M144C	Z	0	0	0	%100
15	M164A	X	0	0	0	%100
16	M164A	Z	0	0	0	%100
17	M169A	X	-3.192	-3.192	0	%100
18	M169A	Z	0	0	0	%100
19	M160A	X	-4.038	-4.038	0	%100
20	M160A	Z	0	0	0	%100
21	M161A	X	-3.059	-3.059	0	%100
22	M161A	Z	0	0	0	%100
23	M163B	X	-4.038	-4.038	0	%100
24	M163B	Z	0	0	0	%100
25	M164B	X	-3.059	-3.059	0	%100
26	M164B	Z	0	0	0	%100
27	M169B	X	0	0	0	%100
28	M169B	Z	0	0	0	%100
29	M170B	X	0	0	0	%100
30	M170B	Z	0	0	0	%100
31	M183A	X	-2.29	-2.29	0	%100
32	M183A	Z	0	0	0	%100
33	M186A	X	-2.29	-2.29	0	%100
34	M186A	Z	0	0	0	%100
35	M94	X	-2.1	-2.1	0	%100
36	M94	Z	0	0	0	%100
37	M34	X	-3.151	-3.151	0	%100
38	M34	Z	0	0	0	%100
39	M36	X	0	0	0	%100
40	M36	Z	0	0	0	%100
41	M38	X	-3.067	-3.067	0	%100
42	M38	Z	0	0	0	%100
43	M39	X	-.798	-.798	0	%100
44	M39	Z	0	0	0	%100
45	M40	X	-1.01	-1.01	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location...	End Locationlf...
46	M40	Z	0	0	0	%100
47	M41	X	-3.059	-3.059	0	%100
48	M41	Z	0	0	0	%100
49	M43	X	-1.01	-1.01	0	%100
50	M43	Z	0	0	0	%100
51	M44	X	0	0	0	%100
52	M44	Z	0	0	0	%100
53	M46	X	-1.98	-1.98	0	%100
54	M46	Z	0	0	0	%100
55	M47	X	-1.98	-1.98	0	%100
56	M47	Z	0	0	0	%100
57	M52	X	-0.00055	-0.00055	0	%100
58	M52	Z	0	0	0	%100
59	M55	X	-2.22	-2.22	0	%100
60	M55	Z	0	0	0	%100
61	M58	X	0	0	0	%100
62	M58	Z	0	0	0	%100
63	M60	X	-3.151	-3.151	0	%100
64	M60	Z	0	0	0	%100
65	M62	X	-3.067	-3.067	0	%100
66	M62	Z	0	0	0	%100
67	M63	X	-0.798	-0.798	0	%100
68	M63	Z	0	0	0	%100
69	M64	X	-1.01	-1.01	0	%100
70	M64	Z	0	0	0	%100
71	M65	X	0	0	0	%100
72	M65	Z	0	0	0	%100
73	M67	X	-1.01	-1.01	0	%100
74	M67	Z	0	0	0	%100
75	M68	X	-3.059	-3.059	0	%100
76	M68	Z	0	0	0	%100
77	M70	X	-1.98	-1.98	0	%100
78	M70	Z	0	0	0	%100
79	M71	X	-1.98	-1.98	0	%100
80	M71	Z	0	0	0	%100
81	M76	X	-2.22	-2.22	0	%100
82	M76	Z	0	0	0	%100
83	M79	X	-0.00055	-0.00055	0	%100
84	M79	Z	0	0	0	%100
85	M82	X	-2.373	-2.373	0	%100
86	M82	Z	0	0	0	%100
87	MP4B	X	-2.547	-2.547	0	%100
88	MP4B	Z	0	0	0	%100
89	MP3B	X	-2.547	-2.547	0	%100
90	MP3B	Z	0	0	0	%100
91	MP2B	X	-2.547	-2.547	0	%100
92	MP2B	Z	0	0	0	%100
93	MP1B	X	-2.547	-2.547	0	%100
94	MP1B	Z	0	0	0	%100
95	M91	X	-2.373	-2.373	0	%100
96	M91	Z	0	0	0	%100
97	MP4C	X	-2.547	-2.547	0	%100
98	MP4C	Z	0	0	0	%100
99	MP3C	X	-2.547	-2.547	0	%100
100	MP3C	Z	0	0	0	%100
101	MP2C	X	-2.547	-2.547	0	%100
102	MP2C	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft.F,ksf]	End Magnitude[lb/ft.F,ksf]	Start Location...	End Location[f...
103	MP1C	X	-2.547	-2.547	0	%100
104	MP1C	Z	0	0	0	%100
105	M96A	X	0	0	0	%100
106	M96A	Z	0	0	0	%100
107	M101	X	-2.116	-2.116	0	%100
108	M101	Z	0	0	0	%100
109	M106	X	-2.116	-2.116	0	%100
110	M106	Z	0	0	0	%100
111	M117	X	-2.187	-2.187	0	%100
112	M117	Z	0	0	0	%100
113	M118	X	-2.187	-2.187	0	%100
114	M118	Z	0	0	0	%100
115	M119	X	0	0	0	%100
116	M119	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft.F,ksf]	End Magnitude[lb/ft.F,ksf]	Start Location...	End Location[f...
1	M20	X	-.685	-.685	0	%100
2	M20	Z	-.396	-.396	0	%100
3	MP4A	X	-2.206	-2.206	0	%100
4	MP4A	Z	-1.273	-1.273	0	%100
5	MP3A	X	-2.206	-2.206	0	%100
6	MP3A	Z	-1.273	-1.273	0	%100
7	MP2A	X	-2.206	-2.206	0	%100
8	MP2A	Z	-1.273	-1.273	0	%100
9	MP1A	X	-2.206	-2.206	0	%100
10	MP1A	Z	-1.273	-1.273	0	%100
11	M142C	X	-.91	-.91	0	%100
12	M142C	Z	-.525	-.525	0	%100
13	M144C	X	-3.638	-3.638	0	%100
14	M144C	Z	-2.101	-2.101	0	%100
15	M164A	X	-.886	-.886	0	%100
16	M164A	Z	-.511	-.511	0	%100
17	M169A	X	-2.073	-2.073	0	%100
18	M169A	Z	-1.197	-1.197	0	%100
19	M160A	X	-2.623	-2.623	0	%100
20	M160A	Z	-1.514	-1.514	0	%100
21	M161A	X	-.883	-.883	0	%100
22	M161A	Z	-.51	-.51	0	%100
23	M163B	X	-2.623	-2.623	0	%100
24	M163B	Z	-1.514	-1.514	0	%100
25	M164B	X	-3.533	-3.533	0	%100
26	M164B	Z	-2.04	-2.04	0	%100
27	M169B	X	-.572	-.572	0	%100
28	M169B	Z	-.33	-.33	0	%100
29	M170B	X	-.572	-.572	0	%100
30	M170B	Z	-.33	-.33	0	%100
31	M183A	X	-2.604	-2.604	0	%100
32	M183A	Z	-1.503	-1.503	0	%100
33	M186A	X	-.682	-.682	0	%100
34	M186A	Z	-.394	-.394	0	%100
35	M94	X	-1.818	-1.818	0	%100
36	M94	Z	-1.05	-1.05	0	%100
37	M34	X	-3.638	-3.638	0	%100
38	M34	Z	-2.101	-2.101	0	%100
39	M36	X	-.91	-.91	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location...	End Locationlf...
40	M36	Z	-.525	-.525	0	%100
41	M38	X	-.886	-.886	0	%100
42	M38	Z	-.511	-.511	0	%100
43	M39	X	-2.073	-2.073	0	%100
44	M39	Z	-1.197	-1.197	0	%100
45	M40	X	-2.623	-2.623	0	%100
46	M40	Z	-1.514	-1.514	0	%100
47	M41	X	-3.533	-3.533	0	%100
48	M41	Z	-2.04	-2.04	0	%100
49	M43	X	-2.623	-2.623	0	%100
50	M43	Z	-1.514	-1.514	0	%100
51	M44	X	-.883	-.883	0	%100
52	M44	Z	-.51	-.51	0	%100
53	M46	X	-.572	-.572	0	%100
54	M46	Z	-.33	-.33	0	%100
55	M47	X	-.572	-.572	0	%100
56	M47	Z	-.33	-.33	0	%100
57	M52	X	-.682	-.682	0	%100
58	M52	Z	-.394	-.394	0	%100
59	M55	X	-2.604	-2.604	0	%100
60	M55	Z	-1.503	-1.503	0	%100
61	M58	X	-.91	-.91	0	%100
62	M58	Z	-.525	-.525	0	%100
63	M60	X	-.91	-.91	0	%100
64	M60	Z	-.525	-.525	0	%100
65	M62	X	-3.542	-3.542	0	%100
66	M62	Z	-2.045	-2.045	0	%100
67	M63	X	0	0	0	%100
68	M63	Z	0	0	0	%100
69	M64	X	0	0	0	%100
70	M64	Z	0	0	0	%100
71	M65	X	-.883	-.883	0	%100
72	M65	Z	-.51	-.51	0	%100
73	M67	X	0	0	0	%100
74	M67	Z	0	0	0	%100
75	M68	X	-.883	-.883	0	%100
76	M68	Z	-.51	-.51	0	%100
77	M70	X	-2.287	-2.287	0	%100
78	M70	Z	-1.32	-1.32	0	%100
79	M71	X	-2.287	-2.287	0	%100
80	M71	Z	-1.32	-1.32	0	%100
81	M76	X	-.621	-.621	0	%100
82	M76	Z	-.358	-.358	0	%100
83	M79	X	-.621	-.621	0	%100
84	M79	Z	-.358	-.358	0	%100
85	M82	X	-.685	-.685	0	%100
86	M82	Z	-.396	-.396	0	%100
87	MP4B	X	-2.206	-2.206	0	%100
88	MP4B	Z	-1.273	-1.273	0	%100
89	MP3B	X	-2.206	-2.206	0	%100
90	MP3B	Z	-1.273	-1.273	0	%100
91	MP2B	X	-2.206	-2.206	0	%100
92	MP2B	Z	-1.273	-1.273	0	%100
93	MP1B	X	-2.206	-2.206	0	%100
94	MP1B	Z	-1.273	-1.273	0	%100
95	M91	X	-2.74	-2.74	0	%100
96	M91	Z	-1.582	-1.582	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location...	End Location[f...
97	MP4C	X	-2.206	-2.206	0	%100
98	MP4C	Z	-1.273	-1.273	0	%100
99	MP3C	X	-2.206	-2.206	0	%100
100	MP3C	Z	-1.273	-1.273	0	%100
101	MP2C	X	-2.206	-2.206	0	%100
102	MP2C	Z	-1.273	-1.273	0	%100
103	MP1C	X	-2.206	-2.206	0	%100
104	MP1C	Z	-1.273	-1.273	0	%100
105	M96A	X	-.611	-.611	0	%100
106	M96A	Z	-.353	-.353	0	%100
107	M101	X	-.611	-.611	0	%100
108	M101	Z	-.353	-.353	0	%100
109	M106	X	-2.443	-2.443	0	%100
110	M106	Z	-1.411	-1.411	0	%100
111	M117	X	-.631	-.631	0	%100
112	M117	Z	-.364	-.364	0	%100
113	M118	X	-2.525	-2.525	0	%100
114	M118	Z	-1.458	-1.458	0	%100
115	M119	X	-.631	-.631	0	%100
116	M119	Z	-.364	-.364	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location...	End Location[f...
1	M20	X	-1.187	-1.187	0	%100
2	M20	Z	-2.055	-2.055	0	%100
3	MP4A	X	-1.273	-1.273	0	%100
4	MP4A	Z	-2.206	-2.206	0	%100
5	MP3A	X	-1.273	-1.273	0	%100
6	MP3A	Z	-2.206	-2.206	0	%100
7	MP2A	X	-1.273	-1.273	0	%100
8	MP2A	Z	-2.206	-2.206	0	%100
9	MP1A	X	-1.273	-1.273	0	%100
10	MP1A	Z	-2.206	-2.206	0	%100
11	M142C	X	0	0	0	%100
12	M142C	Z	0	0	0	%100
13	M144C	X	-1.575	-1.575	0	%100
14	M144C	Z	-2.729	-2.729	0	%100
15	M164A	X	-1.534	-1.534	0	%100
16	M164A	Z	-2.657	-2.657	0	%100
17	M169A	X	-.399	-.399	0	%100
18	M169A	Z	-.691	-.691	0	%100
19	M160A	X	-.505	-.505	0	%100
20	M160A	Z	-.874	-.874	0	%100
21	M161A	X	0	0	0	%100
22	M161A	Z	0	0	0	%100
23	M163B	X	-.505	-.505	0	%100
24	M163B	Z	-.874	-.874	0	%100
25	M164B	X	-1.53	-1.53	0	%100
26	M164B	Z	-2.649	-2.649	0	%100
27	M169B	X	-.99	-.99	0	%100
28	M169B	Z	-1.715	-1.715	0	%100
29	M170B	X	-.99	-.99	0	%100
30	M170B	Z	-1.715	-1.715	0	%100
31	M183A	X	-1.11	-1.11	0	%100
32	M183A	Z	-1.923	-1.923	0	%100
33	M186A	X	-.000275	-.000275	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location...	End Locationlf...
34	M186A	Z	-.000476	-.000476	0	%100
35	M94	X	-1.05	-1.05	0	%100
36	M94	Z	-1.818	-1.818	0	%100
37	M34	X	-1.575	-1.575	0	%100
38	M34	Z	-2.729	-2.729	0	%100
39	M36	X	-1.575	-1.575	0	%100
40	M36	Z	-2.729	-2.729	0	%100
41	M38	X	0	0	0	%100
42	M38	Z	0	0	0	%100
43	M39	X	-1.596	-1.596	0	%100
44	M39	Z	-2.765	-2.765	0	%100
45	M40	X	-2.019	-2.019	0	%100
46	M40	Z	-3.497	-3.497	0	%100
47	M41	X	-1.53	-1.53	0	%100
48	M41	Z	-2.649	-2.649	0	%100
49	M43	X	-2.019	-2.019	0	%100
50	M43	Z	-3.497	-3.497	0	%100
51	M44	X	-1.53	-1.53	0	%100
52	M44	Z	-2.649	-2.649	0	%100
53	M46	X	0	0	0	%100
54	M46	Z	0	0	0	%100
55	M47	X	0	0	0	%100
56	M47	Z	0	0	0	%100
57	M52	X	-1.145	-1.145	0	%100
58	M52	Z	-1.984	-1.984	0	%100
59	M55	X	-1.145	-1.145	0	%100
60	M55	Z	-1.984	-1.984	0	%100
61	M58	X	-1.575	-1.575	0	%100
62	M58	Z	-2.729	-2.729	0	%100
63	M60	X	0	0	0	%100
64	M60	Z	0	0	0	%100
65	M62	X	-1.534	-1.534	0	%100
66	M62	Z	-2.657	-2.657	0	%100
67	M63	X	-.399	-.399	0	%100
68	M63	Z	-.691	-.691	0	%100
69	M64	X	-.505	-.505	0	%100
70	M64	Z	-.874	-.874	0	%100
71	M65	X	-1.53	-1.53	0	%100
72	M65	Z	-2.649	-2.649	0	%100
73	M67	X	-.505	-.505	0	%100
74	M67	Z	-.874	-.874	0	%100
75	M68	X	0	0	0	%100
76	M68	Z	0	0	0	%100
77	M70	X	-.99	-.99	0	%100
78	M70	Z	-1.715	-1.715	0	%100
79	M71	X	-.99	-.99	0	%100
80	M71	Z	-1.715	-1.715	0	%100
81	M76	X	-.000275	-.000275	0	%100
82	M76	Z	-.000476	-.000476	0	%100
83	M79	X	-1.11	-1.11	0	%100
84	M79	Z	-1.923	-1.923	0	%100
85	M82	X	0	0	0	%100
86	M82	Z	0	0	0	%100
87	MP4B	X	-1.273	-1.273	0	%100
88	MP4B	Z	-2.206	-2.206	0	%100
89	MP3B	X	-1.273	-1.273	0	%100
90	MP3B	Z	-2.206	-2.206	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location...	End Location[f...
91	MP2B	X	-1.273	-1.273	0	%100
92	MP2B	Z	-2.206	-2.206	0	%100
93	MP1B	X	-1.273	-1.273	0	%100
94	MP1B	Z	-2.206	-2.206	0	%100
95	M91	X	-1.187	-1.187	0	%100
96	M91	Z	-2.055	-2.055	0	%100
97	MP4C	X	-1.273	-1.273	0	%100
98	MP4C	Z	-2.206	-2.206	0	%100
99	MP3C	X	-1.273	-1.273	0	%100
100	MP3C	Z	-2.206	-2.206	0	%100
101	MP2C	X	-1.273	-1.273	0	%100
102	MP2C	Z	-2.206	-2.206	0	%100
103	MP1C	X	-1.273	-1.273	0	%100
104	MP1C	Z	-2.206	-2.206	0	%100
105	M96A	X	-1.058	-1.058	0	%100
106	M96A	Z	-1.832	-1.832	0	%100
107	M101	X	0	0	0	%100
108	M101	Z	0	0	0	%100
109	M106	X	-1.058	-1.058	0	%100
110	M106	Z	-1.832	-1.832	0	%100
111	M117	X	0	0	0	%100
112	M117	Z	0	0	0	%100
113	M118	X	-1.093	-1.093	0	%100
114	M118	Z	-1.894	-1.894	0	%100
115	M119	X	-1.093	-1.093	0	%100
116	M119	Z	-1.894	-1.894	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location...	End Location[f...
1	M20	X	0	0	0	%100
2	M20	Z	-.691	-.691	0	%100
3	MP4A	X	0	0	0	%100
4	MP4A	Z	-.469	-.469	0	%100
5	MP3A	X	0	0	0	%100
6	MP3A	Z	-.469	-.469	0	%100
7	MP2A	X	0	0	0	%100
8	MP2A	Z	-.469	-.469	0	%100
9	MP1A	X	0	0	0	%100
10	MP1A	Z	-.469	-.469	0	%100
11	M142C	X	0	0	0	%100
12	M142C	Z	-.313	-.313	0	%100
13	M144C	X	0	0	0	%100
14	M144C	Z	-.313	-.313	0	%100
15	M164A	X	0	0	0	%100
16	M164A	Z	-1.185	-1.185	0	%100
17	M169A	X	0	0	0	%100
18	M169A	Z	0	0	0	%100
19	M160A	X	0	0	0	%100
20	M160A	Z	0	0	0	%100
21	M161A	X	0	0	0	%100
22	M161A	Z	-.302	-.302	0	%100
23	M163B	X	0	0	0	%100
24	M163B	Z	0	0	0	%100
25	M164B	X	0	0	0	%100
26	M164B	Z	-.302	-.302	0	%100
27	M169B	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location...	End Locationlf...
28	M169B	Z	-6	-6	0	%100
29	M170B	X	0	0	0	%100
30	M170B	Z	-6	-6	0	%100
31	M183A	X	0	0	0	%100
32	M183A	Z	-.157	-.157	0	%100
33	M186A	X	0	0	0	%100
34	M186A	Z	-.157	-.157	0	%100
35	M94	X	0	0	0	%100
36	M94	Z	-.384	-.384	0	%100
37	M34	X	0	0	0	%100
38	M34	Z	-.313	-.313	0	%100
39	M36	X	0	0	0	%100
40	M36	Z	-1.251	-1.251	0	%100
41	M38	X	0	0	0	%100
42	M38	Z	-.296	-.296	0	%100
43	M39	X	0	0	0	%100
44	M39	Z	-.526	-.526	0	%100
45	M40	X	0	0	0	%100
46	M40	Z	-.895	-.895	0	%100
47	M41	X	0	0	0	%100
48	M41	Z	-.302	-.302	0	%100
49	M43	X	0	0	0	%100
50	M43	Z	-.895	-.895	0	%100
51	M44	X	0	0	0	%100
52	M44	Z	-1.207	-1.207	0	%100
53	M46	X	0	0	0	%100
54	M46	Z	-.15	-.15	0	%100
55	M47	X	0	0	0	%100
56	M47	Z	-.15	-.15	0	%100
57	M52	X	0	0	0	%100
58	M52	Z	-.658	-.658	0	%100
59	M55	X	0	0	0	%100
60	M55	Z	-.172	-.172	0	%100
61	M58	X	0	0	0	%100
62	M58	Z	-1.251	-1.251	0	%100
63	M60	X	0	0	0	%100
64	M60	Z	-.313	-.313	0	%100
65	M62	X	0	0	0	%100
66	M62	Z	-.296	-.296	0	%100
67	M63	X	0	0	0	%100
68	M63	Z	-.526	-.526	0	%100
69	M64	X	0	0	0	%100
70	M64	Z	-.895	-.895	0	%100
71	M65	X	0	0	0	%100
72	M65	Z	-1.207	-1.207	0	%100
73	M67	X	0	0	0	%100
74	M67	Z	-.895	-.895	0	%100
75	M68	X	0	0	0	%100
76	M68	Z	-.302	-.302	0	%100
77	M70	X	0	0	0	%100
78	M70	Z	-.15	-.15	0	%100
79	M71	X	0	0	0	%100
80	M71	Z	-.15	-.15	0	%100
81	M76	X	0	0	0	%100
82	M76	Z	-.172	-.172	0	%100
83	M79	X	0	0	0	%100
84	M79	Z	-.658	-.658	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location...	End Location[f...]
85	M82	X	0	0	0	%100
86	M82	Z	-.173	-.173	0	%100
87	MP4B	X	0	0	0	%100
88	MP4B	Z	-.469	-.469	0	%100
89	MP3B	X	0	0	0	%100
90	MP3B	Z	-.469	-.469	0	%100
91	MP2B	X	0	0	0	%100
92	MP2B	Z	-.469	-.469	0	%100
93	MP1B	X	0	0	0	%100
94	MP1B	Z	-.469	-.469	0	%100
95	M91	X	0	0	0	%100
96	M91	Z	-.173	-.173	0	%100
97	MP4C	X	0	0	0	%100
98	MP4C	Z	-.469	-.469	0	%100
99	MP3C	X	0	0	0	%100
100	MP3C	Z	-.469	-.469	0	%100
101	MP2C	X	0	0	0	%100
102	MP2C	Z	-.469	-.469	0	%100
103	MP1C	X	0	0	0	%100
104	MP1C	Z	-.469	-.469	0	%100
105	M96A	X	0	0	0	%100
106	M96A	Z	-.568	-.568	0	%100
107	M101	X	0	0	0	%100
108	M101	Z	-.142	-.142	0	%100
109	M106	X	0	0	0	%100
110	M106	Z	-.142	-.142	0	%100
111	M117	X	0	0	0	%100
112	M117	Z	-.179	-.179	0	%100
113	M118	X	0	0	0	%100
114	M118	Z	-.179	-.179	0	%100
115	M119	X	0	0	0	%100
116	M119	Z	-.716	-.716	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location...	End Location[f...]
1	M20	X	.259	.259	0	%100
2	M20	Z	-.449	-.449	0	%100
3	MP4A	X	.235	.235	0	%100
4	MP4A	Z	-.406	-.406	0	%100
5	MP3A	X	.235	.235	0	%100
6	MP3A	Z	-.406	-.406	0	%100
7	MP2A	X	.235	.235	0	%100
8	MP2A	Z	-.406	-.406	0	%100
9	MP1A	X	.235	.235	0	%100
10	MP1A	Z	-.406	-.406	0	%100
11	M142C	X	.469	.469	0	%100
12	M142C	Z	-.813	-.813	0	%100
13	M144C	X	0	0	0	%100
14	M144C	Z	0	0	0	%100
15	M164A	X	.445	.445	0	%100
16	M164A	Z	-.77	-.77	0	%100
17	M169A	X	.088	.088	0	%100
18	M169A	Z	-.152	-.152	0	%100
19	M160A	X	.149	.149	0	%100
20	M160A	Z	-.258	-.258	0	%100
21	M161A	X	.453	.453	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location...	End Locationlf...
22	M161A	Z	-.784	-.784	0	%100
23	M163B	X	.149	.149	0	%100
24	M163B	Z	-.258	-.258	0	%100
25	M164B	X	0	0	0	%100
26	M164B	Z	0	0	0	%100
27	M169B	X	.225	.225	0	%100
28	M169B	Z	-.389	-.389	0	%100
29	M170B	X	.225	.225	0	%100
30	M170B	Z	-.389	-.389	0	%100
31	M183A	X	6e-5	6e-5	0	%100
32	M183A	Z	-.000104	-.000104	0	%100
33	M186A	X	.243	.243	0	%100
34	M186A	Z	-.421	-.421	0	%100
35	M94	X	.192	.192	0	%100
36	M94	Z	-.332	-.332	0	%100
37	M34	X	0	0	0	%100
38	M34	Z	0	0	0	%100
39	M36	X	.469	.469	0	%100
40	M36	Z	-.813	-.813	0	%100
41	M38	X	.445	.445	0	%100
42	M38	Z	-.77	-.77	0	%100
43	M39	X	.088	.088	0	%100
44	M39	Z	-.152	-.152	0	%100
45	M40	X	.149	.149	0	%100
46	M40	Z	-.258	-.258	0	%100
47	M41	X	0	0	0	%100
48	M41	Z	0	0	0	%100
49	M43	X	.149	.149	0	%100
50	M43	Z	-.258	-.258	0	%100
51	M44	X	.453	.453	0	%100
52	M44	Z	-.784	-.784	0	%100
53	M46	X	.225	.225	0	%100
54	M46	Z	-.389	-.389	0	%100
55	M47	X	.225	.225	0	%100
56	M47	Z	-.389	-.389	0	%100
57	M52	X	.243	.243	0	%100
58	M52	Z	-.421	-.421	0	%100
59	M55	X	6e-5	6e-5	0	%100
60	M55	Z	-.000104	-.000104	0	%100
61	M58	X	.469	.469	0	%100
62	M58	Z	-.813	-.813	0	%100
63	M60	X	.469	.469	0	%100
64	M60	Z	-.813	-.813	0	%100
65	M62	X	0	0	0	%100
66	M62	Z	0	0	0	%100
67	M63	X	.351	.351	0	%100
68	M63	Z	-.608	-.608	0	%100
69	M64	X	.596	.596	0	%100
70	M64	Z	-1.033	-1.033	0	%100
71	M65	X	.453	.453	0	%100
72	M65	Z	-.784	-.784	0	%100
73	M67	X	.596	.596	0	%100
74	M67	Z	-1.033	-1.033	0	%100
75	M68	X	.453	.453	0	%100
76	M68	Z	-.784	-.784	0	%100
77	M70	X	0	0	0	%100
78	M70	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location...	End Location[f...]
79	M71	X	0	0	0	%100
80	M71	Z	0	0	0	%100
81	M76	X	.251	.251	0	%100
82	M76	Z	-.434	-.434	0	%100
83	M79	X	.251	.251	0	%100
84	M79	Z	-.434	-.434	0	%100
85	M82	X	.259	.259	0	%100
86	M82	Z	-.449	-.449	0	%100
87	MP4B	X	.235	.235	0	%100
88	MP4B	Z	-.406	-.406	0	%100
89	MP3B	X	.235	.235	0	%100
90	MP3B	Z	-.406	-.406	0	%100
91	MP2B	X	.235	.235	0	%100
92	MP2B	Z	-.406	-.406	0	%100
93	MP1B	X	.235	.235	0	%100
94	MP1B	Z	-.406	-.406	0	%100
95	M91	X	0	0	0	%100
96	M91	Z	0	0	0	%100
97	MP4C	X	.235	.235	0	%100
98	MP4C	Z	-.406	-.406	0	%100
99	MP3C	X	.235	.235	0	%100
100	MP3C	Z	-.406	-.406	0	%100
101	MP2C	X	.235	.235	0	%100
102	MP2C	Z	-.406	-.406	0	%100
103	MP1C	X	.235	.235	0	%100
104	MP1C	Z	-.406	-.406	0	%100
105	M96A	X	.213	.213	0	%100
106	M96A	Z	-.369	-.369	0	%100
107	M101	X	.213	.213	0	%100
108	M101	Z	-.369	-.369	0	%100
109	M106	X	0	0	0	%100
110	M106	Z	0	0	0	%100
111	M117	X	.268	.268	0	%100
112	M117	Z	-.465	-.465	0	%100
113	M118	X	0	0	0	%100
114	M118	Z	0	0	0	%100
115	M119	X	.268	.268	0	%100
116	M119	Z	-.465	-.465	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location...	End Location[f...]
1	M20	X	.15	.15	0	%100
2	M20	Z	-.086	-.086	0	%100
3	MP4A	X	.406	.406	0	%100
4	MP4A	Z	-.235	-.235	0	%100
5	MP3A	X	.406	.406	0	%100
6	MP3A	Z	-.235	-.235	0	%100
7	MP2A	X	.406	.406	0	%100
8	MP2A	Z	-.235	-.235	0	%100
9	MP1A	X	.406	.406	0	%100
10	MP1A	Z	-.235	-.235	0	%100
11	M142C	X	1.084	1.084	0	%100
12	M142C	Z	-.626	-.626	0	%100
13	M144C	X	.271	.271	0	%100
14	M144C	Z	-.156	-.156	0	%100
15	M164A	X	.257	.257	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location...	End Locationlf...
16	M164A	Z	-.148	-.148	0	%100
17	M169A	X	.456	.456	0	%100
18	M169A	Z	-.263	-.263	0	%100
19	M160A	X	.775	.775	0	%100
20	M160A	Z	-.447	-.447	0	%100
21	M161A	X	1.046	1.046	0	%100
22	M161A	Z	-.604	-.604	0	%100
23	M163B	X	.775	.775	0	%100
24	M163B	Z	-.447	-.447	0	%100
25	M164B	X	.261	.261	0	%100
26	M164B	Z	-.151	-.151	0	%100
27	M169B	X	.13	.13	0	%100
28	M169B	Z	-.075	-.075	0	%100
29	M170B	X	.13	.13	0	%100
30	M170B	Z	-.075	-.075	0	%100
31	M183A	X	.149	.149	0	%100
32	M183A	Z	-.086	-.086	0	%100
33	M186A	X	.57	.57	0	%100
34	M186A	Z	-.329	-.329	0	%100
35	M94	X	.332	.332	0	%100
36	M94	Z	-.192	-.192	0	%100
37	M34	X	.271	.271	0	%100
38	M34	Z	-.156	-.156	0	%100
39	M36	X	.271	.271	0	%100
40	M36	Z	-.156	-.156	0	%100
41	M38	X	1.027	1.027	0	%100
42	M38	Z	-.593	-.593	0	%100
43	M39	X	0	0	0	%100
44	M39	Z	0	0	0	%100
45	M40	X	0	0	0	%100
46	M40	Z	0	0	0	%100
47	M41	X	.261	.261	0	%100
48	M41	Z	-.151	-.151	0	%100
49	M43	X	0	0	0	%100
50	M43	Z	0	0	0	%100
51	M44	X	.261	.261	0	%100
52	M44	Z	-.151	-.151	0	%100
53	M46	X	.519	.519	0	%100
54	M46	Z	-.3	-.3	0	%100
55	M47	X	.519	.519	0	%100
56	M47	Z	-.3	-.3	0	%100
57	M52	X	.136	.136	0	%100
58	M52	Z	-.078	-.078	0	%100
59	M55	X	.136	.136	0	%100
60	M55	Z	-.078	-.078	0	%100
61	M58	X	.271	.271	0	%100
62	M58	Z	-.156	-.156	0	%100
63	M60	X	1.084	1.084	0	%100
64	M60	Z	-.626	-.626	0	%100
65	M62	X	.257	.257	0	%100
66	M62	Z	-.148	-.148	0	%100
67	M63	X	.456	.456	0	%100
68	M63	Z	-.263	-.263	0	%100
69	M64	X	.775	.775	0	%100
70	M64	Z	-.447	-.447	0	%100
71	M65	X	.261	.261	0	%100
72	M65	Z	-.151	-.151	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft.F,ksf]	End Magnitude[lb/ft.F,ksf]	Start Location...	End Location[f...
73	M67	X	.775	.775	0	%100
74	M67	Z	-.447	-.447	0	%100
75	M68	X	1.046	1.046	0	%100
76	M68	Z	-.604	-.604	0	%100
77	M70	X	.13	.13	0	%100
78	M70	Z	-.075	-.075	0	%100
79	M71	X	.13	.13	0	%100
80	M71	Z	-.075	-.075	0	%100
81	M76	X	.57	.57	0	%100
82	M76	Z	-.329	-.329	0	%100
83	M79	X	.149	.149	0	%100
84	M79	Z	-.086	-.086	0	%100
85	M82	X	.599	.599	0	%100
86	M82	Z	-.346	-.346	0	%100
87	MP4B	X	.406	.406	0	%100
88	MP4B	Z	-.235	-.235	0	%100
89	MP3B	X	.406	.406	0	%100
90	MP3B	Z	-.235	-.235	0	%100
91	MP2B	X	.406	.406	0	%100
92	MP2B	Z	-.235	-.235	0	%100
93	MP1B	X	.406	.406	0	%100
94	MP1B	Z	-.235	-.235	0	%100
95	M91	X	.15	.15	0	%100
96	M91	Z	-.086	-.086	0	%100
97	MP4C	X	.406	.406	0	%100
98	MP4C	Z	-.235	-.235	0	%100
99	MP3C	X	.406	.406	0	%100
100	MP3C	Z	-.235	-.235	0	%100
101	MP2C	X	.406	.406	0	%100
102	MP2C	Z	-.235	-.235	0	%100
103	MP1C	X	.406	.406	0	%100
104	MP1C	Z	-.235	-.235	0	%100
105	M96A	X	.123	.123	0	%100
106	M96A	Z	-.071	-.071	0	%100
107	M101	X	.492	.492	0	%100
108	M101	Z	-.284	-.284	0	%100
109	M106	X	.123	.123	0	%100
110	M106	Z	-.071	-.071	0	%100
111	M117	X	.62	.62	0	%100
112	M117	Z	-.358	-.358	0	%100
113	M118	X	.155	.155	0	%100
114	M118	Z	-.089	-.089	0	%100
115	M119	X	.155	.155	0	%100
116	M119	Z	-.089	-.089	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft.F,ksf]	End Magnitude[lb/ft.F,ksf]	Start Location...	End Location[f...
1	M20	X	0	0	0	%100
2	M20	Z	0	0	0	%100
3	MP4A	X	.469	.469	0	%100
4	MP4A	Z	0	0	0	%100
5	MP3A	X	.469	.469	0	%100
6	MP3A	Z	0	0	0	%100
7	MP2A	X	.469	.469	0	%100
8	MP2A	Z	0	0	0	%100
9	MP1A	X	.469	.469	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location...	End Locationlf...
10	MP1A	Z	0	0	0	%100
11	M142C	X	.938	.938	0	%100
12	M142C	Z	0	0	0	%100
13	M144C	X	.938	.938	0	%100
14	M144C	Z	0	0	0	%100
15	M164A	X	0	0	0	%100
16	M164A	Z	0	0	0	%100
17	M169A	X	.702	.702	0	%100
18	M169A	Z	0	0	0	%100
19	M160A	X	1.193	1.193	0	%100
20	M160A	Z	0	0	0	%100
21	M161A	X	.906	.906	0	%100
22	M161A	Z	0	0	0	%100
23	M163B	X	1.193	1.193	0	%100
24	M163B	Z	0	0	0	%100
25	M164B	X	.906	.906	0	%100
26	M164B	Z	0	0	0	%100
27	M169B	X	0	0	0	%100
28	M169B	Z	0	0	0	%100
29	M170B	X	0	0	0	%100
30	M170B	Z	0	0	0	%100
31	M183A	X	.502	.502	0	%100
32	M183A	Z	0	0	0	%100
33	M186A	X	.502	.502	0	%100
34	M186A	Z	0	0	0	%100
35	M94	X	.384	.384	0	%100
36	M94	Z	0	0	0	%100
37	M34	X	.938	.938	0	%100
38	M34	Z	0	0	0	%100
39	M36	X	0	0	0	%100
40	M36	Z	0	0	0	%100
41	M38	X	.889	.889	0	%100
42	M38	Z	0	0	0	%100
43	M39	X	.175	.175	0	%100
44	M39	Z	0	0	0	%100
45	M40	X	.298	.298	0	%100
46	M40	Z	0	0	0	%100
47	M41	X	.906	.906	0	%100
48	M41	Z	0	0	0	%100
49	M43	X	.298	.298	0	%100
50	M43	Z	0	0	0	%100
51	M44	X	0	0	0	%100
52	M44	Z	0	0	0	%100
53	M46	X	.45	.45	0	%100
54	M46	Z	0	0	0	%100
55	M47	X	.45	.45	0	%100
56	M47	Z	0	0	0	%100
57	M52	X	.00012	.00012	0	%100
58	M52	Z	0	0	0	%100
59	M55	X	.486	.486	0	%100
60	M55	Z	0	0	0	%100
61	M58	X	0	0	0	%100
62	M58	Z	0	0	0	%100
63	M60	X	.938	.938	0	%100
64	M60	Z	0	0	0	%100
65	M62	X	.889	.889	0	%100
66	M62	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location...	End Location[f...
67	M63	X	.175	.175	0	%100
68	M63	Z	0	0	0	%100
69	M64	X	.298	.298	0	%100
70	M64	Z	0	0	0	%100
71	M65	X	0	0	0	%100
72	M65	Z	0	0	0	%100
73	M67	X	.298	.298	0	%100
74	M67	Z	0	0	0	%100
75	M68	X	.906	.906	0	%100
76	M68	Z	0	0	0	%100
77	M70	X	.45	.45	0	%100
78	M70	Z	0	0	0	%100
79	M71	X	.45	.45	0	%100
80	M71	Z	0	0	0	%100
81	M76	X	.486	.486	0	%100
82	M76	Z	0	0	0	%100
83	M79	X	.00012	.00012	0	%100
84	M79	Z	0	0	0	%100
85	M82	X	.519	.519	0	%100
86	M82	Z	0	0	0	%100
87	MP4B	X	.469	.469	0	%100
88	MP4B	Z	0	0	0	%100
89	MP3B	X	.469	.469	0	%100
90	MP3B	Z	0	0	0	%100
91	MP2B	X	.469	.469	0	%100
92	MP2B	Z	0	0	0	%100
93	MP1B	X	.469	.469	0	%100
94	MP1B	Z	0	0	0	%100
95	M91	X	.519	.519	0	%100
96	M91	Z	0	0	0	%100
97	MP4C	X	.469	.469	0	%100
98	MP4C	Z	0	0	0	%100
99	MP3C	X	.469	.469	0	%100
100	MP3C	Z	0	0	0	%100
101	MP2C	X	.469	.469	0	%100
102	MP2C	Z	0	0	0	%100
103	MP1C	X	.469	.469	0	%100
104	MP1C	Z	0	0	0	%100
105	M96A	X	0	0	0	%100
106	M96A	Z	0	0	0	%100
107	M101	X	.426	.426	0	%100
108	M101	Z	0	0	0	%100
109	M106	X	.426	.426	0	%100
110	M106	Z	0	0	0	%100
111	M117	X	.537	.537	0	%100
112	M117	Z	0	0	0	%100
113	M118	X	.537	.537	0	%100
114	M118	Z	0	0	0	%100
115	M119	X	0	0	0	%100
116	M119	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location...	End Location[f...
1	M20	X	.15	.15	0	%100
2	M20	Z	.086	.086	0	%100
3	MP4A	X	.406	.406	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location...	End Locationlf...
4	MP4A	Z	.235	.235	0	%100
5	MP3A	X	.406	.406	0	%100
6	MP3A	Z	.235	.235	0	%100
7	MP2A	X	.406	.406	0	%100
8	MP2A	Z	.235	.235	0	%100
9	MP1A	X	.406	.406	0	%100
10	MP1A	Z	.235	.235	0	%100
11	M142C	X	.271	.271	0	%100
12	M142C	Z	.156	.156	0	%100
13	M144C	X	1.084	1.084	0	%100
14	M144C	Z	.626	.626	0	%100
15	M164A	X	.257	.257	0	%100
16	M164A	Z	.148	.148	0	%100
17	M169A	X	.456	.456	0	%100
18	M169A	Z	.263	.263	0	%100
19	M160A	X	.775	.775	0	%100
20	M160A	Z	.447	.447	0	%100
21	M161A	X	.261	.261	0	%100
22	M161A	Z	.151	.151	0	%100
23	M163B	X	.775	.775	0	%100
24	M163B	Z	.447	.447	0	%100
25	M164B	X	1.046	1.046	0	%100
26	M164B	Z	.604	.604	0	%100
27	M169B	X	.13	.13	0	%100
28	M169B	Z	.075	.075	0	%100
29	M170B	X	.13	.13	0	%100
30	M170B	Z	.075	.075	0	%100
31	M183A	X	.57	.57	0	%100
32	M183A	Z	.329	.329	0	%100
33	M186A	X	.149	.149	0	%100
34	M186A	Z	.086	.086	0	%100
35	M94	X	.332	.332	0	%100
36	M94	Z	.192	.192	0	%100
37	M34	X	1.084	1.084	0	%100
38	M34	Z	.626	.626	0	%100
39	M36	X	.271	.271	0	%100
40	M36	Z	.156	.156	0	%100
41	M38	X	.257	.257	0	%100
42	M38	Z	.148	.148	0	%100
43	M39	X	.456	.456	0	%100
44	M39	Z	.263	.263	0	%100
45	M40	X	.775	.775	0	%100
46	M40	Z	.447	.447	0	%100
47	M41	X	1.046	1.046	0	%100
48	M41	Z	.604	.604	0	%100
49	M43	X	.775	.775	0	%100
50	M43	Z	.447	.447	0	%100
51	M44	X	.261	.261	0	%100
52	M44	Z	.151	.151	0	%100
53	M46	X	.13	.13	0	%100
54	M46	Z	.075	.075	0	%100
55	M47	X	.13	.13	0	%100
56	M47	Z	.075	.075	0	%100
57	M52	X	.149	.149	0	%100
58	M52	Z	.086	.086	0	%100
59	M55	X	.57	.57	0	%100
60	M55	Z	.329	.329	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location...	End Location[f...]
61	M58	X	.271	.271	0	%100
62	M58	Z	.156	.156	0	%100
63	M60	X	.271	.271	0	%100
64	M60	Z	.156	.156	0	%100
65	M62	X	1.027	1.027	0	%100
66	M62	Z	.593	.593	0	%100
67	M63	X	0	0	0	%100
68	M63	Z	0	0	0	%100
69	M64	X	0	0	0	%100
70	M64	Z	0	0	0	%100
71	M65	X	.261	.261	0	%100
72	M65	Z	.151	.151	0	%100
73	M67	X	0	0	0	%100
74	M67	Z	0	0	0	%100
75	M68	X	.261	.261	0	%100
76	M68	Z	.151	.151	0	%100
77	M70	X	.519	.519	0	%100
78	M70	Z	.3	.3	0	%100
79	M71	X	.519	.519	0	%100
80	M71	Z	.3	.3	0	%100
81	M76	X	.136	.136	0	%100
82	M76	Z	.078	.078	0	%100
83	M79	X	.136	.136	0	%100
84	M79	Z	.078	.078	0	%100
85	M82	X	.15	.15	0	%100
86	M82	Z	.086	.086	0	%100
87	MP4B	X	.406	.406	0	%100
88	MP4B	Z	.235	.235	0	%100
89	MP3B	X	.406	.406	0	%100
90	MP3B	Z	.235	.235	0	%100
91	MP2B	X	.406	.406	0	%100
92	MP2B	Z	.235	.235	0	%100
93	MP1B	X	.406	.406	0	%100
94	MP1B	Z	.235	.235	0	%100
95	M91	X	.599	.599	0	%100
96	M91	Z	.346	.346	0	%100
97	MP4C	X	.406	.406	0	%100
98	MP4C	Z	.235	.235	0	%100
99	MP3C	X	.406	.406	0	%100
100	MP3C	Z	.235	.235	0	%100
101	MP2C	X	.406	.406	0	%100
102	MP2C	Z	.235	.235	0	%100
103	MP1C	X	.406	.406	0	%100
104	MP1C	Z	.235	.235	0	%100
105	M96A	X	.123	.123	0	%100
106	M96A	Z	.071	.071	0	%100
107	M101	X	.123	.123	0	%100
108	M101	Z	.071	.071	0	%100
109	M106	X	.492	.492	0	%100
110	M106	Z	.284	.284	0	%100
111	M117	X	.155	.155	0	%100
112	M117	Z	.089	.089	0	%100
113	M118	X	.62	.62	0	%100
114	M118	Z	.358	.358	0	%100
115	M119	X	.155	.155	0	%100
116	M119	Z	.089	.089	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location...	End Location[f...
1	M20	X	.259	.259	0	%100
2	M20	Z	.449	.449	0	%100
3	MP4A	X	.235	.235	0	%100
4	MP4A	Z	.406	.406	0	%100
5	MP3A	X	.235	.235	0	%100
6	MP3A	Z	.406	.406	0	%100
7	MP2A	X	.235	.235	0	%100
8	MP2A	Z	.406	.406	0	%100
9	MP1A	X	.235	.235	0	%100
10	MP1A	Z	.406	.406	0	%100
11	M142C	X	0	0	0	%100
12	M142C	Z	0	0	0	%100
13	M144C	X	.469	.469	0	%100
14	M144C	Z	.813	.813	0	%100
15	M164A	X	.445	.445	0	%100
16	M164A	Z	.77	.77	0	%100
17	M169A	X	.088	.088	0	%100
18	M169A	Z	.152	.152	0	%100
19	M160A	X	.149	.149	0	%100
20	M160A	Z	.258	.258	0	%100
21	M161A	X	0	0	0	%100
22	M161A	Z	0	0	0	%100
23	M163B	X	.149	.149	0	%100
24	M163B	Z	.258	.258	0	%100
25	M164B	X	.453	.453	0	%100
26	M164B	Z	.784	.784	0	%100
27	M169B	X	.225	.225	0	%100
28	M169B	Z	.389	.389	0	%100
29	M170B	X	.225	.225	0	%100
30	M170B	Z	.389	.389	0	%100
31	M183A	X	.243	.243	0	%100
32	M183A	Z	.421	.421	0	%100
33	M186A	X	6e-5	6e-5	0	%100
34	M186A	Z	.000104	.000104	0	%100
35	M94	X	.192	.192	0	%100
36	M94	Z	.332	.332	0	%100
37	M34	X	.469	.469	0	%100
38	M34	Z	.813	.813	0	%100
39	M36	X	.469	.469	0	%100
40	M36	Z	.813	.813	0	%100
41	M38	X	0	0	0	%100
42	M38	Z	0	0	0	%100
43	M39	X	.351	.351	0	%100
44	M39	Z	.608	.608	0	%100
45	M40	X	.596	.596	0	%100
46	M40	Z	1.033	1.033	0	%100
47	M41	X	.453	.453	0	%100
48	M41	Z	.784	.784	0	%100
49	M43	X	.596	.596	0	%100
50	M43	Z	1.033	1.033	0	%100
51	M44	X	.453	.453	0	%100
52	M44	Z	.784	.784	0	%100
53	M46	X	0	0	0	%100
54	M46	Z	0	0	0	%100
55	M47	X	0	0	0	%100
56	M47	Z	0	0	0	%100
57	M52	X	.251	.251	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location...	End Locationlf...
58	M52	Z	.434	.434	0	%100
59	M55	X	.251	.251	0	%100
60	M55	Z	.434	.434	0	%100
61	M58	X	.469	.469	0	%100
62	M58	Z	.813	.813	0	%100
63	M60	X	0	0	0	%100
64	M60	Z	0	0	0	%100
65	M62	X	.445	.445	0	%100
66	M62	Z	.77	.77	0	%100
67	M63	X	.088	.088	0	%100
68	M63	Z	.152	.152	0	%100
69	M64	X	.149	.149	0	%100
70	M64	Z	.258	.258	0	%100
71	M65	X	.453	.453	0	%100
72	M65	Z	.784	.784	0	%100
73	M67	X	.149	.149	0	%100
74	M67	Z	.258	.258	0	%100
75	M68	X	0	0	0	%100
76	M68	Z	0	0	0	%100
77	M70	X	.225	.225	0	%100
78	M70	Z	.389	.389	0	%100
79	M71	X	.225	.225	0	%100
80	M71	Z	.389	.389	0	%100
81	M76	X	6e-5	6e-5	0	%100
82	M76	Z	.000104	.000104	0	%100
83	M79	X	.243	.243	0	%100
84	M79	Z	.421	.421	0	%100
85	M82	X	0	0	0	%100
86	M82	Z	0	0	0	%100
87	MP4B	X	.235	.235	0	%100
88	MP4B	Z	.406	.406	0	%100
89	MP3B	X	.235	.235	0	%100
90	MP3B	Z	.406	.406	0	%100
91	MP2B	X	.235	.235	0	%100
92	MP2B	Z	.406	.406	0	%100
93	MP1B	X	.235	.235	0	%100
94	MP1B	Z	.406	.406	0	%100
95	M91	X	.259	.259	0	%100
96	M91	Z	.449	.449	0	%100
97	MP4C	X	.235	.235	0	%100
98	MP4C	Z	.406	.406	0	%100
99	MP3C	X	.235	.235	0	%100
100	MP3C	Z	.406	.406	0	%100
101	MP2C	X	.235	.235	0	%100
102	MP2C	Z	.406	.406	0	%100
103	MP1C	X	.235	.235	0	%100
104	MP1C	Z	.406	.406	0	%100
105	M96A	X	.213	.213	0	%100
106	M96A	Z	.369	.369	0	%100
107	M101	X	0	0	0	%100
108	M101	Z	0	0	0	%100
109	M106	X	.213	.213	0	%100
110	M106	Z	.369	.369	0	%100
111	M117	X	0	0	0	%100
112	M117	Z	0	0	0	%100
113	M118	X	.268	.268	0	%100
114	M118	Z	.465	.465	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location...	End Location[f...
115	M119	X	.268	.268	0	%100
116	M119	Z	.465	.465	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location...	End Location[f...
1	M20	X	0	0	0	%100
2	M20	Z	.691	.691	0	%100
3	MP4A	X	0	0	0	%100
4	MP4A	Z	.469	.469	0	%100
5	MP3A	X	0	0	0	%100
6	MP3A	Z	.469	.469	0	%100
7	MP2A	X	0	0	0	%100
8	MP2A	Z	.469	.469	0	%100
9	MP1A	X	0	0	0	%100
10	MP1A	Z	.469	.469	0	%100
11	M142C	X	0	0	0	%100
12	M142C	Z	.313	.313	0	%100
13	M144C	X	0	0	0	%100
14	M144C	Z	.313	.313	0	%100
15	M164A	X	0	0	0	%100
16	M164A	Z	1.185	1.185	0	%100
17	M169A	X	0	0	0	%100
18	M169A	Z	0	0	0	%100
19	M160A	X	0	0	0	%100
20	M160A	Z	0	0	0	%100
21	M161A	X	0	0	0	%100
22	M161A	Z	.302	.302	0	%100
23	M163B	X	0	0	0	%100
24	M163B	Z	0	0	0	%100
25	M164B	X	0	0	0	%100
26	M164B	Z	.302	.302	0	%100
27	M169B	X	0	0	0	%100
28	M169B	Z	.6	.6	0	%100
29	M170B	X	0	0	0	%100
30	M170B	Z	.6	.6	0	%100
31	M183A	X	0	0	0	%100
32	M183A	Z	.157	.157	0	%100
33	M186A	X	0	0	0	%100
34	M186A	Z	.157	.157	0	%100
35	M94	X	0	0	0	%100
36	M94	Z	.384	.384	0	%100
37	M34	X	0	0	0	%100
38	M34	Z	.313	.313	0	%100
39	M36	X	0	0	0	%100
40	M36	Z	1.251	1.251	0	%100
41	M38	X	0	0	0	%100
42	M38	Z	.296	.296	0	%100
43	M39	X	0	0	0	%100
44	M39	Z	.526	.526	0	%100
45	M40	X	0	0	0	%100
46	M40	Z	.895	.895	0	%100
47	M41	X	0	0	0	%100
48	M41	Z	.302	.302	0	%100
49	M43	X	0	0	0	%100
50	M43	Z	.895	.895	0	%100
51	M44	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location...	End Locationlf...
52	M44	Z	1.207	1.207	0	%100
53	M46	X	0	0	0	%100
54	M46	Z	.15	.15	0	%100
55	M47	X	0	0	0	%100
56	M47	Z	.15	.15	0	%100
57	M52	X	0	0	0	%100
58	M52	Z	.658	.658	0	%100
59	M55	X	0	0	0	%100
60	M55	Z	.172	.172	0	%100
61	M58	X	0	0	0	%100
62	M58	Z	1.251	1.251	0	%100
63	M60	X	0	0	0	%100
64	M60	Z	.313	.313	0	%100
65	M62	X	0	0	0	%100
66	M62	Z	.296	.296	0	%100
67	M63	X	0	0	0	%100
68	M63	Z	.526	.526	0	%100
69	M64	X	0	0	0	%100
70	M64	Z	.895	.895	0	%100
71	M65	X	0	0	0	%100
72	M65	Z	1.207	1.207	0	%100
73	M67	X	0	0	0	%100
74	M67	Z	.895	.895	0	%100
75	M68	X	0	0	0	%100
76	M68	Z	.302	.302	0	%100
77	M70	X	0	0	0	%100
78	M70	Z	.15	.15	0	%100
79	M71	X	0	0	0	%100
80	M71	Z	.15	.15	0	%100
81	M76	X	0	0	0	%100
82	M76	Z	.172	.172	0	%100
83	M79	X	0	0	0	%100
84	M79	Z	.658	.658	0	%100
85	M82	X	0	0	0	%100
86	M82	Z	.173	.173	0	%100
87	MP4B	X	0	0	0	%100
88	MP4B	Z	.469	.469	0	%100
89	MP3B	X	0	0	0	%100
90	MP3B	Z	.469	.469	0	%100
91	MP2B	X	0	0	0	%100
92	MP2B	Z	.469	.469	0	%100
93	MP1B	X	0	0	0	%100
94	MP1B	Z	.469	.469	0	%100
95	M91	X	0	0	0	%100
96	M91	Z	.173	.173	0	%100
97	MP4C	X	0	0	0	%100
98	MP4C	Z	.469	.469	0	%100
99	MP3C	X	0	0	0	%100
100	MP3C	Z	.469	.469	0	%100
101	MP2C	X	0	0	0	%100
102	MP2C	Z	.469	.469	0	%100
103	MP1C	X	0	0	0	%100
104	MP1C	Z	.469	.469	0	%100
105	M96A	X	0	0	0	%100
106	M96A	Z	.568	.568	0	%100
107	M101	X	0	0	0	%100
108	M101	Z	.142	.142	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location...	End Location[f...]
109	M106	X	0	0	0	%100
110	M106	Z	.142	.142	0	%100
111	M117	X	0	0	0	%100
112	M117	Z	.179	.179	0	%100
113	M118	X	0	0	0	%100
114	M118	Z	.179	.179	0	%100
115	M119	X	0	0	0	%100
116	M119	Z	.716	.716	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location...	End Location[f...]
1	M20	X	-.259	-.259	0	%100
2	M20	Z	.449	.449	0	%100
3	MP4A	X	-.235	-.235	0	%100
4	MP4A	Z	.406	.406	0	%100
5	MP3A	X	-.235	-.235	0	%100
6	MP3A	Z	.406	.406	0	%100
7	MP2A	X	-.235	-.235	0	%100
8	MP2A	Z	.406	.406	0	%100
9	MP1A	X	-.235	-.235	0	%100
10	MP1A	Z	.406	.406	0	%100
11	M142C	X	-.469	-.469	0	%100
12	M142C	Z	.813	.813	0	%100
13	M144C	X	0	0	0	%100
14	M144C	Z	0	0	0	%100
15	M164A	X	-.445	-.445	0	%100
16	M164A	Z	.77	.77	0	%100
17	M169A	X	-.088	-.088	0	%100
18	M169A	Z	.152	.152	0	%100
19	M160A	X	-.149	-.149	0	%100
20	M160A	Z	.258	.258	0	%100
21	M161A	X	-.453	-.453	0	%100
22	M161A	Z	.784	.784	0	%100
23	M163B	X	-.149	-.149	0	%100
24	M163B	Z	.258	.258	0	%100
25	M164B	X	0	0	0	%100
26	M164B	Z	0	0	0	%100
27	M169B	X	-.225	-.225	0	%100
28	M169B	Z	.389	.389	0	%100
29	M170B	X	-.225	-.225	0	%100
30	M170B	Z	.389	.389	0	%100
31	M183A	X	-6e-5	-6e-5	0	%100
32	M183A	Z	.000104	.000104	0	%100
33	M186A	X	-.243	-.243	0	%100
34	M186A	Z	.421	.421	0	%100
35	M94	X	-.192	-.192	0	%100
36	M94	Z	.332	.332	0	%100
37	M34	X	0	0	0	%100
38	M34	Z	0	0	0	%100
39	M36	X	-.469	-.469	0	%100
40	M36	Z	.813	.813	0	%100
41	M38	X	-.445	-.445	0	%100
42	M38	Z	.77	.77	0	%100
43	M39	X	-.088	-.088	0	%100
44	M39	Z	.152	.152	0	%100
45	M40	X	-.149	-.149	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location...	End Locationlf...
46	M40	Z	.258	.258	0	%100
47	M41	X	0	0	0	%100
48	M41	Z	0	0	0	%100
49	M43	X	-.149	-.149	0	%100
50	M43	Z	.258	.258	0	%100
51	M44	X	-.453	-.453	0	%100
52	M44	Z	.784	.784	0	%100
53	M46	X	-.225	-.225	0	%100
54	M46	Z	.389	.389	0	%100
55	M47	X	-.225	-.225	0	%100
56	M47	Z	.389	.389	0	%100
57	M52	X	-.243	-.243	0	%100
58	M52	Z	.421	.421	0	%100
59	M55	X	-6e-5	-6e-5	0	%100
60	M55	Z	.000104	.000104	0	%100
61	M58	X	-.469	-.469	0	%100
62	M58	Z	.813	.813	0	%100
63	M60	X	-.469	-.469	0	%100
64	M60	Z	.813	.813	0	%100
65	M62	X	0	0	0	%100
66	M62	Z	0	0	0	%100
67	M63	X	-.351	-.351	0	%100
68	M63	Z	.608	.608	0	%100
69	M64	X	-.596	-.596	0	%100
70	M64	Z	1.033	1.033	0	%100
71	M65	X	-.453	-.453	0	%100
72	M65	Z	.784	.784	0	%100
73	M67	X	-.596	-.596	0	%100
74	M67	Z	1.033	1.033	0	%100
75	M68	X	-.453	-.453	0	%100
76	M68	Z	.784	.784	0	%100
77	M70	X	0	0	0	%100
78	M70	Z	0	0	0	%100
79	M71	X	0	0	0	%100
80	M71	Z	0	0	0	%100
81	M76	X	-.251	-.251	0	%100
82	M76	Z	.434	.434	0	%100
83	M79	X	-.251	-.251	0	%100
84	M79	Z	.434	.434	0	%100
85	M82	X	-.259	-.259	0	%100
86	M82	Z	.449	.449	0	%100
87	MP4B	X	-.235	-.235	0	%100
88	MP4B	Z	.406	.406	0	%100
89	MP3B	X	-.235	-.235	0	%100
90	MP3B	Z	.406	.406	0	%100
91	MP2B	X	-.235	-.235	0	%100
92	MP2B	Z	.406	.406	0	%100
93	MP1B	X	-.235	-.235	0	%100
94	MP1B	Z	.406	.406	0	%100
95	M91	X	0	0	0	%100
96	M91	Z	0	0	0	%100
97	MP4C	X	-.235	-.235	0	%100
98	MP4C	Z	.406	.406	0	%100
99	MP3C	X	-.235	-.235	0	%100
100	MP3C	Z	.406	.406	0	%100
101	MP2C	X	-.235	-.235	0	%100
102	MP2C	Z	.406	.406	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft.F,ksf]	End Magnitude[lb/ft.F,ksf]	Start Location...	End Location[f...
103	MP1C	X	-.235	-.235	0	%100
104	MP1C	Z	.406	.406	0	%100
105	M96A	X	-.213	-.213	0	%100
106	M96A	Z	.369	.369	0	%100
107	M101	X	-.213	-.213	0	%100
108	M101	Z	.369	.369	0	%100
109	M106	X	0	0	0	%100
110	M106	Z	0	0	0	%100
111	M117	X	-.268	-.268	0	%100
112	M117	Z	.465	.465	0	%100
113	M118	X	0	0	0	%100
114	M118	Z	0	0	0	%100
115	M119	X	-.268	-.268	0	%100
116	M119	Z	.465	.465	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft.F,ksf]	End Magnitude[lb/ft.F,ksf]	Start Location...	End Location[f...
1	M20	X	-.15	-.15	0	%100
2	M20	Z	.086	.086	0	%100
3	MP4A	X	-.406	-.406	0	%100
4	MP4A	Z	.235	.235	0	%100
5	MP3A	X	-.406	-.406	0	%100
6	MP3A	Z	.235	.235	0	%100
7	MP2A	X	-.406	-.406	0	%100
8	MP2A	Z	.235	.235	0	%100
9	MP1A	X	-.406	-.406	0	%100
10	MP1A	Z	.235	.235	0	%100
11	M142C	X	-1.084	-1.084	0	%100
12	M142C	Z	.626	.626	0	%100
13	M144C	X	-.271	-.271	0	%100
14	M144C	Z	.156	.156	0	%100
15	M164A	X	-.257	-.257	0	%100
16	M164A	Z	.148	.148	0	%100
17	M169A	X	-.456	-.456	0	%100
18	M169A	Z	.263	.263	0	%100
19	M160A	X	-.775	-.775	0	%100
20	M160A	Z	.447	.447	0	%100
21	M161A	X	-1.046	-1.046	0	%100
22	M161A	Z	.604	.604	0	%100
23	M163B	X	-.775	-.775	0	%100
24	M163B	Z	.447	.447	0	%100
25	M164B	X	-.261	-.261	0	%100
26	M164B	Z	.151	.151	0	%100
27	M169B	X	-.13	-.13	0	%100
28	M169B	Z	.075	.075	0	%100
29	M170B	X	-.13	-.13	0	%100
30	M170B	Z	.075	.075	0	%100
31	M183A	X	-.149	-.149	0	%100
32	M183A	Z	.086	.086	0	%100
33	M186A	X	-.57	-.57	0	%100
34	M186A	Z	.329	.329	0	%100
35	M94	X	-.332	-.332	0	%100
36	M94	Z	.192	.192	0	%100
37	M34	X	-.271	-.271	0	%100
38	M34	Z	.156	.156	0	%100
39	M36	X	-.271	-.271	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location...	End Locationlf...
40	M36	Z	.156	.156	0	%100
41	M38	X	-1.027	-1.027	0	%100
42	M38	Z	.593	.593	0	%100
43	M39	X	0	0	0	%100
44	M39	Z	0	0	0	%100
45	M40	X	0	0	0	%100
46	M40	Z	0	0	0	%100
47	M41	X	-.261	-.261	0	%100
48	M41	Z	.151	.151	0	%100
49	M43	X	0	0	0	%100
50	M43	Z	0	0	0	%100
51	M44	X	-.261	-.261	0	%100
52	M44	Z	.151	.151	0	%100
53	M46	X	-.519	-.519	0	%100
54	M46	Z	.3	.3	0	%100
55	M47	X	-.519	-.519	0	%100
56	M47	Z	.3	.3	0	%100
57	M52	X	-.136	-.136	0	%100
58	M52	Z	.078	.078	0	%100
59	M55	X	-.136	-.136	0	%100
60	M55	Z	.078	.078	0	%100
61	M58	X	-.271	-.271	0	%100
62	M58	Z	.156	.156	0	%100
63	M60	X	-1.084	-1.084	0	%100
64	M60	Z	.626	.626	0	%100
65	M62	X	-.257	-.257	0	%100
66	M62	Z	.148	.148	0	%100
67	M63	X	-.456	-.456	0	%100
68	M63	Z	.263	.263	0	%100
69	M64	X	-.775	-.775	0	%100
70	M64	Z	.447	.447	0	%100
71	M65	X	-.261	-.261	0	%100
72	M65	Z	.151	.151	0	%100
73	M67	X	-.775	-.775	0	%100
74	M67	Z	.447	.447	0	%100
75	M68	X	-1.046	-1.046	0	%100
76	M68	Z	.604	.604	0	%100
77	M70	X	-.13	-.13	0	%100
78	M70	Z	.075	.075	0	%100
79	M71	X	-.13	-.13	0	%100
80	M71	Z	.075	.075	0	%100
81	M76	X	-.57	-.57	0	%100
82	M76	Z	.329	.329	0	%100
83	M79	X	-.149	-.149	0	%100
84	M79	Z	.086	.086	0	%100
85	M82	X	-.599	-.599	0	%100
86	M82	Z	.346	.346	0	%100
87	MP4B	X	-.406	-.406	0	%100
88	MP4B	Z	.235	.235	0	%100
89	MP3B	X	-.406	-.406	0	%100
90	MP3B	Z	.235	.235	0	%100
91	MP2B	X	-.406	-.406	0	%100
92	MP2B	Z	.235	.235	0	%100
93	MP1B	X	-.406	-.406	0	%100
94	MP1B	Z	.235	.235	0	%100
95	M91	X	-.15	-.15	0	%100
96	M91	Z	.086	.086	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location...	End Location[f...]
97	MP4C	X	-.406	-.406	0	%100
98	MP4C	Z	.235	.235	0	%100
99	MP3C	X	-.406	-.406	0	%100
100	MP3C	Z	.235	.235	0	%100
101	MP2C	X	-.406	-.406	0	%100
102	MP2C	Z	.235	.235	0	%100
103	MP1C	X	-.406	-.406	0	%100
104	MP1C	Z	.235	.235	0	%100
105	M96A	X	-.123	-.123	0	%100
106	M96A	Z	.071	.071	0	%100
107	M101	X	-.492	-.492	0	%100
108	M101	Z	.284	.284	0	%100
109	M106	X	-.123	-.123	0	%100
110	M106	Z	.071	.071	0	%100
111	M117	X	-.62	-.62	0	%100
112	M117	Z	.358	.358	0	%100
113	M118	X	-.155	-.155	0	%100
114	M118	Z	.089	.089	0	%100
115	M119	X	-.155	-.155	0	%100
116	M119	Z	.089	.089	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location...	End Location[f...]
1	M20	X	0	0	0	%100
2	M20	Z	0	0	0	%100
3	MP4A	X	-.469	-.469	0	%100
4	MP4A	Z	0	0	0	%100
5	MP3A	X	-.469	-.469	0	%100
6	MP3A	Z	0	0	0	%100
7	MP2A	X	-.469	-.469	0	%100
8	MP2A	Z	0	0	0	%100
9	MP1A	X	-.469	-.469	0	%100
10	MP1A	Z	0	0	0	%100
11	M142C	X	-.938	-.938	0	%100
12	M142C	Z	0	0	0	%100
13	M144C	X	-.938	-.938	0	%100
14	M144C	Z	0	0	0	%100
15	M164A	X	0	0	0	%100
16	M164A	Z	0	0	0	%100
17	M169A	X	-.702	-.702	0	%100
18	M169A	Z	0	0	0	%100
19	M160A	X	-1.193	-1.193	0	%100
20	M160A	Z	0	0	0	%100
21	M161A	X	-.906	-.906	0	%100
22	M161A	Z	0	0	0	%100
23	M163B	X	-1.193	-1.193	0	%100
24	M163B	Z	0	0	0	%100
25	M164B	X	-.906	-.906	0	%100
26	M164B	Z	0	0	0	%100
27	M169B	X	0	0	0	%100
28	M169B	Z	0	0	0	%100
29	M170B	X	0	0	0	%100
30	M170B	Z	0	0	0	%100
31	M183A	X	-.502	-.502	0	%100
32	M183A	Z	0	0	0	%100
33	M186A	X	-.502	-.502	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location...	End Locationlf...
34	M186A	Z	0	0	0	%100
35	M94	X	-.384	-.384	0	%100
36	M94	Z	0	0	0	%100
37	M34	X	-.938	-.938	0	%100
38	M34	Z	0	0	0	%100
39	M36	X	0	0	0	%100
40	M36	Z	0	0	0	%100
41	M38	X	-.889	-.889	0	%100
42	M38	Z	0	0	0	%100
43	M39	X	-.175	-.175	0	%100
44	M39	Z	0	0	0	%100
45	M40	X	-.298	-.298	0	%100
46	M40	Z	0	0	0	%100
47	M41	X	-.906	-.906	0	%100
48	M41	Z	0	0	0	%100
49	M43	X	-.298	-.298	0	%100
50	M43	Z	0	0	0	%100
51	M44	X	0	0	0	%100
52	M44	Z	0	0	0	%100
53	M46	X	-.45	-.45	0	%100
54	M46	Z	0	0	0	%100
55	M47	X	-.45	-.45	0	%100
56	M47	Z	0	0	0	%100
57	M52	X	-.00012	-.00012	0	%100
58	M52	Z	0	0	0	%100
59	M55	X	-.486	-.486	0	%100
60	M55	Z	0	0	0	%100
61	M58	X	0	0	0	%100
62	M58	Z	0	0	0	%100
63	M60	X	-.938	-.938	0	%100
64	M60	Z	0	0	0	%100
65	M62	X	-.889	-.889	0	%100
66	M62	Z	0	0	0	%100
67	M63	X	-.175	-.175	0	%100
68	M63	Z	0	0	0	%100
69	M64	X	-.298	-.298	0	%100
70	M64	Z	0	0	0	%100
71	M65	X	0	0	0	%100
72	M65	Z	0	0	0	%100
73	M67	X	-.298	-.298	0	%100
74	M67	Z	0	0	0	%100
75	M68	X	-.906	-.906	0	%100
76	M68	Z	0	0	0	%100
77	M70	X	-.45	-.45	0	%100
78	M70	Z	0	0	0	%100
79	M71	X	-.45	-.45	0	%100
80	M71	Z	0	0	0	%100
81	M76	X	-.486	-.486	0	%100
82	M76	Z	0	0	0	%100
83	M79	X	-.00012	-.00012	0	%100
84	M79	Z	0	0	0	%100
85	M82	X	-.519	-.519	0	%100
86	M82	Z	0	0	0	%100
87	MP4B	X	-.469	-.469	0	%100
88	MP4B	Z	0	0	0	%100
89	MP3B	X	-.469	-.469	0	%100
90	MP3B	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location...	End Location[f...
91	MP2B	X	-.469	-.469	0	%100
92	MP2B	Z	0	0	0	%100
93	MP1B	X	-.469	-.469	0	%100
94	MP1B	Z	0	0	0	%100
95	M91	X	-.519	-.519	0	%100
96	M91	Z	0	0	0	%100
97	MP4C	X	-.469	-.469	0	%100
98	MP4C	Z	0	0	0	%100
99	MP3C	X	-.469	-.469	0	%100
100	MP3C	Z	0	0	0	%100
101	MP2C	X	-.469	-.469	0	%100
102	MP2C	Z	0	0	0	%100
103	MP1C	X	-.469	-.469	0	%100
104	MP1C	Z	0	0	0	%100
105	M96A	X	0	0	0	%100
106	M96A	Z	0	0	0	%100
107	M101	X	-.426	-.426	0	%100
108	M101	Z	0	0	0	%100
109	M106	X	-.426	-.426	0	%100
110	M106	Z	0	0	0	%100
111	M117	X	-.537	-.537	0	%100
112	M117	Z	0	0	0	%100
113	M118	X	-.537	-.537	0	%100
114	M118	Z	0	0	0	%100
115	M119	X	0	0	0	%100
116	M119	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location...	End Location[f...
1	M20	X	-.15	-.15	0	%100
2	M20	Z	-.086	-.086	0	%100
3	MP4A	X	-.406	-.406	0	%100
4	MP4A	Z	-.235	-.235	0	%100
5	MP3A	X	-.406	-.406	0	%100
6	MP3A	Z	-.235	-.235	0	%100
7	MP2A	X	-.406	-.406	0	%100
8	MP2A	Z	-.235	-.235	0	%100
9	MP1A	X	-.406	-.406	0	%100
10	MP1A	Z	-.235	-.235	0	%100
11	M142C	X	-.271	-.271	0	%100
12	M142C	Z	-.156	-.156	0	%100
13	M144C	X	-1.084	-1.084	0	%100
14	M144C	Z	-.626	-.626	0	%100
15	M164A	X	-.257	-.257	0	%100
16	M164A	Z	-.148	-.148	0	%100
17	M169A	X	-.456	-.456	0	%100
18	M169A	Z	-.263	-.263	0	%100
19	M160A	X	-.775	-.775	0	%100
20	M160A	Z	-.447	-.447	0	%100
21	M161A	X	-.261	-.261	0	%100
22	M161A	Z	-.151	-.151	0	%100
23	M163B	X	-.775	-.775	0	%100
24	M163B	Z	-.447	-.447	0	%100
25	M164B	X	-1.046	-1.046	0	%100
26	M164B	Z	-.604	-.604	0	%100
27	M169B	X	-.13	-.13	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location...	End Locationlf...
28	M169B	Z	-.075	-.075	0	%100
29	M170B	X	-.13	-.13	0	%100
30	M170B	Z	-.075	-.075	0	%100
31	M183A	X	-.57	-.57	0	%100
32	M183A	Z	-.329	-.329	0	%100
33	M186A	X	-.149	-.149	0	%100
34	M186A	Z	-.086	-.086	0	%100
35	M94	X	-.332	-.332	0	%100
36	M94	Z	-.192	-.192	0	%100
37	M34	X	-1.084	-1.084	0	%100
38	M34	Z	-.626	-.626	0	%100
39	M36	X	-.271	-.271	0	%100
40	M36	Z	-.156	-.156	0	%100
41	M38	X	-.257	-.257	0	%100
42	M38	Z	-.148	-.148	0	%100
43	M39	X	-.456	-.456	0	%100
44	M39	Z	-.263	-.263	0	%100
45	M40	X	-.775	-.775	0	%100
46	M40	Z	-.447	-.447	0	%100
47	M41	X	-1.046	-1.046	0	%100
48	M41	Z	-.604	-.604	0	%100
49	M43	X	-.775	-.775	0	%100
50	M43	Z	-.447	-.447	0	%100
51	M44	X	-.261	-.261	0	%100
52	M44	Z	-.151	-.151	0	%100
53	M46	X	-.13	-.13	0	%100
54	M46	Z	-.075	-.075	0	%100
55	M47	X	-.13	-.13	0	%100
56	M47	Z	-.075	-.075	0	%100
57	M52	X	-.149	-.149	0	%100
58	M52	Z	-.086	-.086	0	%100
59	M55	X	-.57	-.57	0	%100
60	M55	Z	-.329	-.329	0	%100
61	M58	X	-.271	-.271	0	%100
62	M58	Z	-.156	-.156	0	%100
63	M60	X	-.271	-.271	0	%100
64	M60	Z	-.156	-.156	0	%100
65	M62	X	-1.027	-1.027	0	%100
66	M62	Z	-.593	-.593	0	%100
67	M63	X	0	0	0	%100
68	M63	Z	0	0	0	%100
69	M64	X	0	0	0	%100
70	M64	Z	0	0	0	%100
71	M65	X	-.261	-.261	0	%100
72	M65	Z	-.151	-.151	0	%100
73	M67	X	0	0	0	%100
74	M67	Z	0	0	0	%100
75	M68	X	-.261	-.261	0	%100
76	M68	Z	-.151	-.151	0	%100
77	M70	X	-.519	-.519	0	%100
78	M70	Z	-.3	-.3	0	%100
79	M71	X	-.519	-.519	0	%100
80	M71	Z	-.3	-.3	0	%100
81	M76	X	-.136	-.136	0	%100
82	M76	Z	-.078	-.078	0	%100
83	M79	X	-.136	-.136	0	%100
84	M79	Z	-.078	-.078	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location...	End Location[f...
85	M82	X	-.15	-.15	0	%100
86	M82	Z	-.086	-.086	0	%100
87	MP4B	X	-.406	-.406	0	%100
88	MP4B	Z	-.235	-.235	0	%100
89	MP3B	X	-.406	-.406	0	%100
90	MP3B	Z	-.235	-.235	0	%100
91	MP2B	X	-.406	-.406	0	%100
92	MP2B	Z	-.235	-.235	0	%100
93	MP1B	X	-.406	-.406	0	%100
94	MP1B	Z	-.235	-.235	0	%100
95	M91	X	-.599	-.599	0	%100
96	M91	Z	-.346	-.346	0	%100
97	MP4C	X	-.406	-.406	0	%100
98	MP4C	Z	-.235	-.235	0	%100
99	MP3C	X	-.406	-.406	0	%100
100	MP3C	Z	-.235	-.235	0	%100
101	MP2C	X	-.406	-.406	0	%100
102	MP2C	Z	-.235	-.235	0	%100
103	MP1C	X	-.406	-.406	0	%100
104	MP1C	Z	-.235	-.235	0	%100
105	M96A	X	-.123	-.123	0	%100
106	M96A	Z	-.071	-.071	0	%100
107	M101	X	-.123	-.123	0	%100
108	M101	Z	-.071	-.071	0	%100
109	M106	X	-.492	-.492	0	%100
110	M106	Z	-.284	-.284	0	%100
111	M117	X	-.155	-.155	0	%100
112	M117	Z	-.089	-.089	0	%100
113	M118	X	-.62	-.62	0	%100
114	M118	Z	-.358	-.358	0	%100
115	M119	X	-.155	-.155	0	%100
116	M119	Z	-.089	-.089	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location...	End Location[f...
1	M20	X	-.259	-.259	0	%100
2	M20	Z	-.449	-.449	0	%100
3	MP4A	X	-.235	-.235	0	%100
4	MP4A	Z	-.406	-.406	0	%100
5	MP3A	X	-.235	-.235	0	%100
6	MP3A	Z	-.406	-.406	0	%100
7	MP2A	X	-.235	-.235	0	%100
8	MP2A	Z	-.406	-.406	0	%100
9	MP1A	X	-.235	-.235	0	%100
10	MP1A	Z	-.406	-.406	0	%100
11	M142C	X	0	0	0	%100
12	M142C	Z	0	0	0	%100
13	M144C	X	-.469	-.469	0	%100
14	M144C	Z	-.813	-.813	0	%100
15	M164A	X	-.445	-.445	0	%100
16	M164A	Z	-.77	-.77	0	%100
17	M169A	X	-.088	-.088	0	%100
18	M169A	Z	-.152	-.152	0	%100
19	M160A	X	-.149	-.149	0	%100
20	M160A	Z	-.258	-.258	0	%100
21	M161A	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location...	End Locationlf...
22	M161A	Z	0	0	0	%100
23	M163B	X	-.149	-.149	0	%100
24	M163B	Z	-.258	-.258	0	%100
25	M164B	X	-.453	-.453	0	%100
26	M164B	Z	-.784	-.784	0	%100
27	M169B	X	-.225	-.225	0	%100
28	M169B	Z	-.389	-.389	0	%100
29	M170B	X	-.225	-.225	0	%100
30	M170B	Z	-.389	-.389	0	%100
31	M183A	X	-.243	-.243	0	%100
32	M183A	Z	-.421	-.421	0	%100
33	M186A	X	-6e-5	-6e-5	0	%100
34	M186A	Z	-.000104	-.000104	0	%100
35	M94	X	-.192	-.192	0	%100
36	M94	Z	-.332	-.332	0	%100
37	M34	X	-.469	-.469	0	%100
38	M34	Z	-.813	-.813	0	%100
39	M36	X	-.469	-.469	0	%100
40	M36	Z	-.813	-.813	0	%100
41	M38	X	0	0	0	%100
42	M38	Z	0	0	0	%100
43	M39	X	-.351	-.351	0	%100
44	M39	Z	-.608	-.608	0	%100
45	M40	X	-.596	-.596	0	%100
46	M40	Z	-1.033	-1.033	0	%100
47	M41	X	-.453	-.453	0	%100
48	M41	Z	-.784	-.784	0	%100
49	M43	X	-.596	-.596	0	%100
50	M43	Z	-1.033	-1.033	0	%100
51	M44	X	-.453	-.453	0	%100
52	M44	Z	-.784	-.784	0	%100
53	M46	X	0	0	0	%100
54	M46	Z	0	0	0	%100
55	M47	X	0	0	0	%100
56	M47	Z	0	0	0	%100
57	M52	X	-.251	-.251	0	%100
58	M52	Z	-.434	-.434	0	%100
59	M55	X	-.251	-.251	0	%100
60	M55	Z	-.434	-.434	0	%100
61	M58	X	-.469	-.469	0	%100
62	M58	Z	-.813	-.813	0	%100
63	M60	X	0	0	0	%100
64	M60	Z	0	0	0	%100
65	M62	X	-.445	-.445	0	%100
66	M62	Z	-.77	-.77	0	%100
67	M63	X	-.088	-.088	0	%100
68	M63	Z	-.152	-.152	0	%100
69	M64	X	-.149	-.149	0	%100
70	M64	Z	-.258	-.258	0	%100
71	M65	X	-.453	-.453	0	%100
72	M65	Z	-.784	-.784	0	%100
73	M67	X	-.149	-.149	0	%100
74	M67	Z	-.258	-.258	0	%100
75	M68	X	0	0	0	%100
76	M68	Z	0	0	0	%100
77	M70	X	-.225	-.225	0	%100
78	M70	Z	-.389	-.389	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location...	End Location[f...]
79	M71	X	-.225	-.225	0	%100
80	M71	Z	-.389	-.389	0	%100
81	M76	X	-6e-5	-6e-5	0	%100
82	M76	Z	-.000104	-.000104	0	%100
83	M79	X	-.243	-.243	0	%100
84	M79	Z	-.421	-.421	0	%100
85	M82	X	0	0	0	%100
86	M82	Z	0	0	0	%100
87	MP4B	X	-.235	-.235	0	%100
88	MP4B	Z	-.406	-.406	0	%100
89	MP3B	X	-.235	-.235	0	%100
90	MP3B	Z	-.406	-.406	0	%100
91	MP2B	X	-.235	-.235	0	%100
92	MP2B	Z	-.406	-.406	0	%100
93	MP1B	X	-.235	-.235	0	%100
94	MP1B	Z	-.406	-.406	0	%100
95	M91	X	-.259	-.259	0	%100
96	M91	Z	-.449	-.449	0	%100
97	MP4C	X	-.235	-.235	0	%100
98	MP4C	Z	-.406	-.406	0	%100
99	MP3C	X	-.235	-.235	0	%100
100	MP3C	Z	-.406	-.406	0	%100
101	MP2C	X	-.235	-.235	0	%100
102	MP2C	Z	-.406	-.406	0	%100
103	MP1C	X	-.235	-.235	0	%100
104	MP1C	Z	-.406	-.406	0	%100
105	M96A	X	-.213	-.213	0	%100
106	M96A	Z	-.369	-.369	0	%100
107	M101	X	0	0	0	%100
108	M101	Z	0	0	0	%100
109	M106	X	-.213	-.213	0	%100
110	M106	Z	-.369	-.369	0	%100
111	M117	X	0	0	0	%100
112	M117	Z	0	0	0	%100
113	M118	X	-.268	-.268	0	%100
114	M118	Z	-.465	-.465	0	%100
115	M119	X	-.268	-.268	0	%100
116	M119	Z	-.465	-.465	0	%100

Member Distributed Loads (BLC 87 : BLC 39 Transient Area Loads)

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location...	End Location[f...]
1	M52	Y	-4.039	-7.24	0	.837
2	M52	Y	-7.24	-8.288	.837	1.674
3	M52	Y	-8.288	-6.823	1.674	2.51
4	M52	Y	-6.823	-4.864	2.51	3.347
5	M52	Y	-4.864	-2.772	3.347	4.184
6	M55	Y	-2.106	-8.187	0	1.046
7	M55	Y	-8.187	-9.585	1.046	2.092
8	M55	Y	-9.585	-5.54	2.092	3.138
9	M55	Y	-5.54	-.734	3.138	4.184
10	M183A	Y	-4.039	-7.24	0	.837
11	M183A	Y	-7.24	-8.288	.837	1.674
12	M183A	Y	-8.288	-6.823	1.674	2.51
13	M183A	Y	-6.823	-4.864	2.51	3.347
14	M183A	Y	-4.864	-2.772	3.347	4.184
15	M186A	Y	-2.106	-8.187	0	1.046

Member Distributed Loads (BLC 87 : BLC 39 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location...	End Location[f...
16	M186A	Y	-8.187	-9.585	1.046	2.092
17	M186A	Y	-9.585	-5.54	2.092	3.138
18	M186A	Y	-5.54	-.734	3.138	4.184
19	M76	Y	-4.039	-7.24	0	.837
20	M76	Y	-7.24	-8.288	.837	1.674
21	M76	Y	-8.288	-6.823	1.674	2.51
22	M76	Y	-6.823	-4.864	2.51	3.347
23	M76	Y	-4.864	-2.772	3.347	4.184
24	M79	Y	-2.106	-8.187	0	1.046
25	M79	Y	-8.187	-9.585	1.046	2.092
26	M79	Y	-9.585	-5.54	2.092	3.138
27	M79	Y	-5.54	-.734	3.138	4.184

Member Distributed Loads (BLC 88 : BLC 40 Transient Area Loads)

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location...	End Location[f...
1	M52	Y	-8.563	-15.348	0	.837
2	M52	Y	-15.348	-17.571	.837	1.674
3	M52	Y	-17.571	-14.465	1.674	2.51
4	M52	Y	-14.465	-10.311	2.51	3.347
5	M52	Y	-10.311	-5.877	3.347	4.184
6	M55	Y	-4.465	-17.356	0	1.046
7	M55	Y	-17.356	-20.32	1.046	2.092
8	M55	Y	-20.32	-11.744	2.092	3.138
9	M55	Y	-11.744	-1.556	3.138	4.184
10	M183A	Y	-8.563	-15.348	0	.837
11	M183A	Y	-15.348	-17.571	.837	1.674
12	M183A	Y	-17.571	-14.465	1.674	2.51
13	M183A	Y	-14.465	-10.311	2.51	3.347
14	M183A	Y	-10.311	-5.877	3.347	4.184
15	M186A	Y	-4.465	-17.356	0	1.046
16	M186A	Y	-17.356	-20.32	1.046	2.092
17	M186A	Y	-20.32	-11.744	2.092	3.138
18	M186A	Y	-11.744	-1.556	3.138	4.184
19	M76	Y	-8.563	-15.348	0	.837
20	M76	Y	-15.348	-17.571	.837	1.674
21	M76	Y	-17.571	-14.465	1.674	2.51
22	M76	Y	-14.465	-10.311	2.51	3.347
23	M76	Y	-10.311	-5.877	3.347	4.184
24	M79	Y	-4.465	-17.356	0	1.046
25	M79	Y	-17.356	-20.32	1.046	2.092
26	M79	Y	-20.32	-11.744	2.092	3.138
27	M79	Y	-11.744	-1.556	3.138	4.184

Member Area Loads (BLC 39 : Structure D)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N74	N78	N77	N73	Y	Two Way	-.005
2	N275A	N276A	N280	N279	Y	Two Way	-.005
3	N105	N106	N110	N109	Y	Two Way	-.005

Member Area Loads (BLC 40 : Structure Di)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N74	N78	N77	N73	Y	Two Way	-.011
2	N275A	N276A	N280	N279	Y	Two Way	-.011
3	N105	N106	N110	N109	Y	Two Way	-.011

Envelope Joint Reactions

	Joint		X [lb]	LC	Y [lb]	LC	Z [lb]	LC	MX [k-ft]	LC	MY [k-ft]	LC	MZ [k-ft]	LC
1	N259A	m...	959.082	10	2460.947	13	2004.837	1	4.938	1	1.167	4	.174	17
2		min	-941.098	4	122.015	7	-2122.418	7	-1.192	7	-1.171	10	-.005	11
3	N59	m...	1716.632	9	2259.273	21	1063.604	2	.675	3	.899	12	.996	3
4		min	-1811.802	3	41.582	3	-996.007	8	-2.289	9	-.88	6	-4.053	9
5	N91	m...	1677.146	11	2260.691	17	1257.002	12	.515	11	.968	8	4.027	5
6		min	-1599.915	5	42.941	11	-1205.028	6	-2.605	29	-.957	2	-1.08	11
7	Totals:	m...	4067.312	10	6356.544	19	4157.907	1						
8		min	-4067.312	4	2175.252	75	-4157.909	7						

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

	Member	Shape	Code Ch...	Loc[ft]	LC	Shear Check	Loc[ft]		Dir	LC	phi*...	phi*...	phi*...	phi*...	Eqn
1	M20	PIPE_...	.126	7.552	18	.074	7.552			8	2984...	.65205	5.749	5.749	H1-...
2	MP4A	PIPE_...	.359	4.411	5	.112	2.979			6	2235...	.32130	1.872	1.872	H1-...
3	MP3A	PIPE_...	.372	4.625	4	.093	4.625			3	2086...	.32130	1.872	1.872	H1-...
4	MP2A	PIPE_...	.393	4.5	10	.098	4.5			10	2086...	.32130	1.872	1.872	H1-...
5	MP1A	PIPE_...	.340	4.411	9	.107	1.089			7	2235...	.32130	1.872	1.872	H1-...
6	M142C	PL1/2x6	.043	.125	5	.100	0		y	11	9664...	.97200	1.012	12.15	H1-...
7	M144C	PL1/2x6	.034	.125	1	.101	.125		y	9	9664...	.97200	1.012	12.15	H1-...
8	M164A	PL1/2x6	.224	.531	7	.160	0		y	12	6452...	.97200	1.012	12.15	H1-...
9	M169A	HSS4X...	.313	5.167	1	.076	5.167		y	14	1247...	.1395...	16.181	16.181	H1-...
10	M160A	PL3/8x6	.234	0	10	.148	0		y	6	7123...	.72900	.57	9.113	H1-...
11	M161A	PL3/8x6	.127	0	10	.095	0		y	13	7158...	.72900	.57	9.113	H1-...
12	M163B	PL3/8x6	.205	0	3	.195	0		y	9	7123...	.72900	.57	9.113	H1-...
13	M164B	PL3/8x6	.098	0	10	.094	0		y	13	7158...	.72900	.57	9.113	H1-...
14	M169B	HSS4X...	.173	2.515	1	.036	2.515		z	14	1358...	.1395...	16.181	16.181	H1-...
15	M170B	HSS4X...	.167	0	1	.043	0		z	24	1358...	.1395...	16.181	16.181	H1-...
16	M183A	L2x2x3	.155	0	12	.015	0		y	23	9732...	.2339...	.558	1.08	H2-1
17	M186A	L2x2x3	.168	4.184	1	.015	0		z	18	9732...	.2339...	.558	1.226	H2-1
18	M94	PIPE_...	.077	2	1	.015	2			1	2884...	.32130	1.872	1.872	1 H1-...
19	M34	PL1/2x6	.042	.125	2	.099	0		y	7	9664...	.97200	1.012	12.15	H1-...
20	M36	PL1/2x6	.038	.125	9	.101	.125		y	5	9664...	.97200	1.012	12.15	H1-...
21	M38	PL1/2x6	.236	.531	3	.158	0		y	8	6452...	.97200	1.012	12.15	H1-...
22	M39	HSS4X...	.295	5.167	9	.070	5.167		y	21	1247...	.1395...	16.181	16.181	H1-...
23	M40	PL3/8x6	.203	0	7	.164	0		y	2	7123...	.72900	.57	9.113	H1-...
24	M41	PL3/8x6	.105	0	6	.094	0		y	21	7158...	.72900	.57	9.113	H1-...
25	M43	PL3/8x6	.176	0	11	.195	0		y	5	7123...	.72900	.57	9.113	H1-...
26	M44	PL3/8x6	.087	0	12	.091	0		y	21	7158...	.72900	.57	9.113	H1-...
27	M46	HSS4X...	.170	2.515	9	.035	2.515		z	22	1358...	.1395...	16.181	16.181	H1-...
28	M47	HSS4X...	.170	0	9	.041	0		z	20	1358...	.1395...	16.181	16.181	H1-...
29	M52	L2x2x3	.157	0	9	.014	0		y	19	9732...	.2339...	.558	1.075	H2-1
30	M55	L2x2x3	.175	4.184	9	.014	0		z	14	9732...	.2339...	.558	1.226	H2-1
31	M58	PL1/2x6	.043	.125	10	.123	0		y	27	9664...	.97200	1.012	12.15	H1-...
32	M60	PL1/2x6	.037	.125	5	.105	.125		y	1	9664...	.97200	1.012	12.15	H1-...
33	M62	PL1/2x6	.235	.531	11	.157	0		y	4	6452...	.97200	1.012	12.15	H1-...
34	M63	HSS4X...	.304	5.167	5	.093	5.167		y	41	1247...	.1395...	16.181	16.181	H1-...
35	M64	PL3/8x6	.227	0	2	.151	0		y	10	7123...	.72900	.57	9.113	H1-...
36	M65	PL3/8x6	.123	0	2	.093	0		y	18	7158...	.72900	.57	9.113	H1-...
37	M67	PL3/8x6	.186	0	6	.203	0		y	1	7123...	.72900	.57	9.113	H1-...
38	M68	PL3/8x6	.078	0	1	.091	0		y	17	7158...	.72900	.57	9.113	H1-...
39	M70	HSS4X...	.173	2.515	5	.035	.236		y	5	1358...	.1395...	16.181	16.181	H1-...
40	M71	HSS4X...	.169	0	6	.042	0		z	16	1358...	.1395...	16.181	16.181	H1-...
41	M76	L2x2x3	.158	0	5	.015	0		y	15	9732...	.2339...	.558	1.075	H2-1
42	M79	L2x2x3	.169	4.184	5	.014	0		z	22	9732...	.2339...	.558	1.226	H2-1
43	M82	PIPE_...	.129	7.552	14	.075	7.552			4	2984...	.65205	5.749	5.749	H1-...

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

Member	Shape	Code Ch...	Loc[ft]	LC	Shear Check	Loc[ft]	Dir	LC	phi*...	phi*...	phi*...	phi*...	Eqn
44	MP4B	PIPE_...	.370	4.411	1	.124	4.411		2	2235...	32130	1.872	1.872 ... H1-...
45	MP3B	PIPE_...	.394	4.625	12	.089	4.625		5	2086...	32130	1.872	1.872 ... H1-...
46	MP2B	PIPE_...	.405	4.5	6	.090	4.5		7	2086...	32130	1.872	1.872 ... H1-...
47	MP1B	PIPE_...	.335	4.411	5	.111	1.089		3	2235...	32130	1.872	1.872 ... H1-...
48	M91	PIPE_...	.127	7.552	22	.069	7.552		12	2984...	65205	5.749	5.749 ... H1-...
49	MP4C	PIPE_...	.353	4.411	9	.111	2.979		10	2235...	32130	1.872	1.872 ... H1-...
50	MP3C	PIPE_...	.384	4.625	8	.087	1.938		7	2086...	32130	1.872	1.872 ... H1-...
51	MP2C	PIPE_...	.409	4.5	2	.098	4.5		1	2086...	32130	1.872	1.872 ... H1-...
52	MP1C	PIPE_...	.349	4.411	1	.121	4.411		12	2235...	32130	1.872	1.872 ... H1-...
53	M96A	PIPE_...	.172	10.417	4	.073	1.953		6	1455...	50715	3.596	3.596 ... H1-...
54	M101	PIPE_...	.189	10.417	1	.071	10.547		10	1455...	50715	3.596	3.596 ... H1-...
55	M106	PIPE_...	.180	10.417	8	.074	1.953		4	1455...	50715	3.596	3.596 ... H1-...
56	M117	L3X3X4	.300	0	11	.034	0	y	6	4222...	46656	1.688	3.756 ... H2-1
57	M118	L3X3X4	.301	0	7	.035	.044	y	2	4222...	46656	1.688	3.756 ... H2-1
58	M119	L3X3X4	.280	0	3	.035	0	y	10	4222...	46656	1.688	3.756 ... H2-1



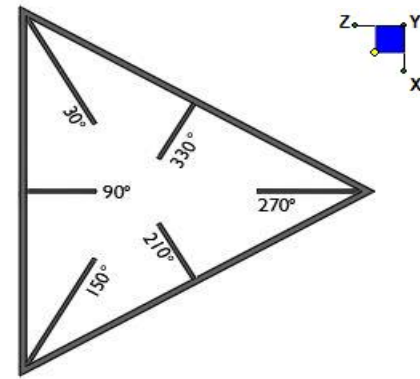
Client:	Verizon Wireless	Date:	11/12/2021
Site Name:	BROOKLYN WEST CT		
Project No.	21777307A		
Title:	Antenna Mount Replacment Analysis	Page:	1

Version 3.1

I. Mount-to-Tower Connection Check

RISA Model Data

Nodes (labeled per RISA)	Orientation (per graphic of typical platform)
N59	30
N91	150
N59A	270



TYPICAL PLATFORM

Tower Connection Bolt Checks

Any moment resistance?:

Bolt Quantity per Reaction:

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

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

Bolt Type:

Bolt Diameter (in):

Required Tensile Strength (kips):

Required Shear Strength (kips):

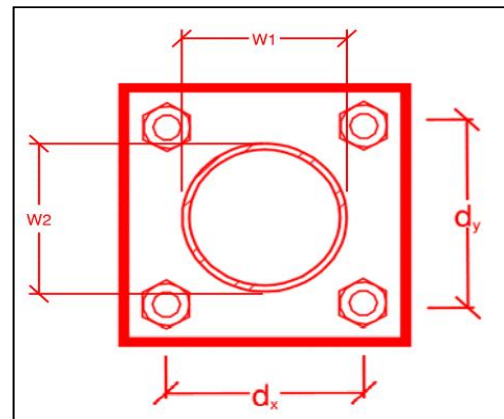
Tensile Strength / bolt (kips):

Shear Strength / bolt (kips):

Tensile Capacity Overall:

Shear Capacity Overall:

yes
4
7
7
A325N
0.625
17.9
4.0
20.7
12.4
21.6%*
8.0%



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

Tower Connection Plate and Weld Check

Connecting Standoff Member Shape:

Plate Width (in):

Plate Height (in):

W1 (in):

W2 (in):

Fy (ksi, plate):

t_{plate} (in):

Weld Size (1/16 in):

$\Phi \cdot R_n$ (kip/in):

Required Weld Strength (kip/in):

Plate Bending Capacity:

Weld Capacity:

Rect
10
10
4
4
36
0.625
6
8.35
2.75
43.6%
32.9%

Max Plate Bending Strengths

$M_{u_{xx}}$ (kip-in):	13.4
$\Phi \cdot M_{n_{xx}}$ (kip-in):	31.6
$M_{u_{yy}}$ (kip-in):	0.4
$\Phi \cdot M_{n_{yy}}$ (kip-in):	31.6

Mount Desktop – Post Modification Inspection (PMI) Report Requirements

Documents & Photos Required from Contractor – Mount Modification

Electronic pdf version of this can be downloaded at <https://pmi.vzwsmart.com>

For additional questions and support, please reach out to pmisupport@colliersengineering.com

Purpose – to upload the proper documentation to the SMART Tool in order to allow the SMART Tool engineering vendor to complete the required Mount Desktop review of the Post Modification Inspection Report.

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

Base Requirements:

- If installation of the modification will cause damage to the structure, the climbing facility, or safety climb if present or any installed system, SMART Tool vendor to be notified prior to install. Any special photos outside of the standard requirements will be indicated on the drawings.
- Provide “as built drawings” showing contractor’s name, preparer’s signature, and date. Any deviations from the drawings (proposed modification) shall be shown. NOTE: If loading is different than what is conveyed in the post-modification passing mount analysis (MA) contact the SMART Tool vendor immediately.
- Each photo shall be time and date stamped.
- Photos should be high resolution.
- Contractor shall ensure that the safety climb wire rope is not adversely impacted by the install of the modification components. This may involve the install of wire rope guides, or other items to protect the wire rope. If there is conflict, contact the SMART Tool engineer for recommendations.
- The PMI can be accessed at the following portal: <https://pmi.vzwsmart.com>

Photo Requirements:

- *Photos taken at ground level*
 - Photo of Gate Signs showing the tower owner, site name, and number.
 - Overall tower structure after installation of the modifications.
 - Photos of the mount after installation of the modifications; if the mounts are at different rad elevations, pictures must be provided for all elevations that the modifications were installed
- *Photos taken at Mount Elevation*
 - Photos showing the safety climb wire rope above and below the mount prior to modification.
 - Photos showing the climbing facility and safety climb if present.
 - Photos showing each individual sector after installation of modifications. Each entire sector must be in one photo to show the interconnection of members.

- These photos shall also certify that the placement and geometry of the equipment on the mount is as depicted in the antenna placement diagram in this form.
- Photos that show the model number of each antenna and piece of equipment installed per sector.
- Photos of each installed modification per the modification drawings; pictures shall also include connection hardware (U-bolts, bolts, nuts, all-threaded rods, etc.)
- Photos showing the distances (relative distance between collars) of the installed modifications from the appropriate reference locations shown in the modification drawings.
- Photos showing the installed modifications onto the tower (i.e. ring/collar mounts, tie-backs, V-bracing kits, etc.); if the existing mount elevation needs to be changed according to the modification drawings, an elevation measurement shall be provided before the elevation change.

Material Certification:

- Materials utilized must be as per specification on the drawings or the equivalent as validated by the SMART Tool vendor.
 - If the materials are as specified on the drawings
 - The contractor shall provide the packing list, or the materials certifications for the materials utilized to perform the mount modification
 - Commscope, Metrosite, Perfect Vision, Sabre, and Site Pro have all agreed to support Verizon vendors with the necessary material certifications
 - If seeking permission to use an equivalent
 - It is required that the SMART Tool engineering vendor approval of such is included in the contractor submission package. There may be an additional charge for approval if the equivalent submission doesn't meet specifications as prescribed in the drawings.

☐ All hardware has been properly installed, and the existing hardware was inspected.

☐ The material utilized was as specified on the SMART Tool engineering vendor Mount Modification Drawings and included in the material certification folder is a packing list or invoice for these materials.

OR

☐ The material utilized was approved by a SMART Tool as an "equivalent" and this approval is included as part of the contractor submission.

Antenna & equipment placement and Geometry Confirmation:

☐ The contractor certifies that the photos support and the equipment on the mount is as depicted on the sketch and table included in this form and with the mount analysis provided.

OR

☐ The contractor notes that the equipment on the mount is not in accordance with the sketch and has noted the differences below and provided photo documentation of any alterations.

Comments:

--

Certifying Individual:

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

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

☐ Yes ☐ No

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

Issue:

1. Contractor to install a 36" P2 STD equipment pipe 12" away from the mount tower connection on the standoff horizontal between beta and gamma sector, connect to the standoff horizontal with crossover plates (VZWSMART-MSK6), install proposed OVP on this pipe.
2. Contractor shall install 1/2" dia. U-bolts at any missing U-bolt locations between bent plates and bottom face horizontal pipes.

Response:

--

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

☐ Yes ☐ No

Contractor certifies no new damage/obstructions created during the current installation:

☐ Yes ☐ No

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

- ☐ Safety climb in good condition with no obstructions
- ☐ Safety Climb Obstructed

☐ Safety Climb Damaged

Comments:

Sector: A

11/12/2021

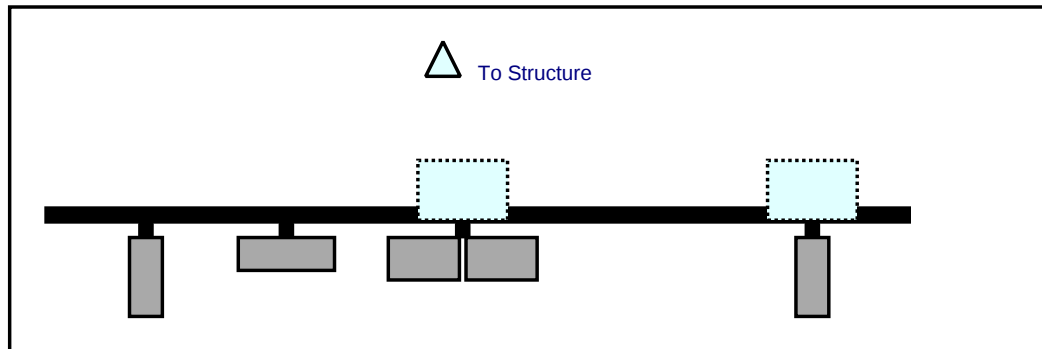
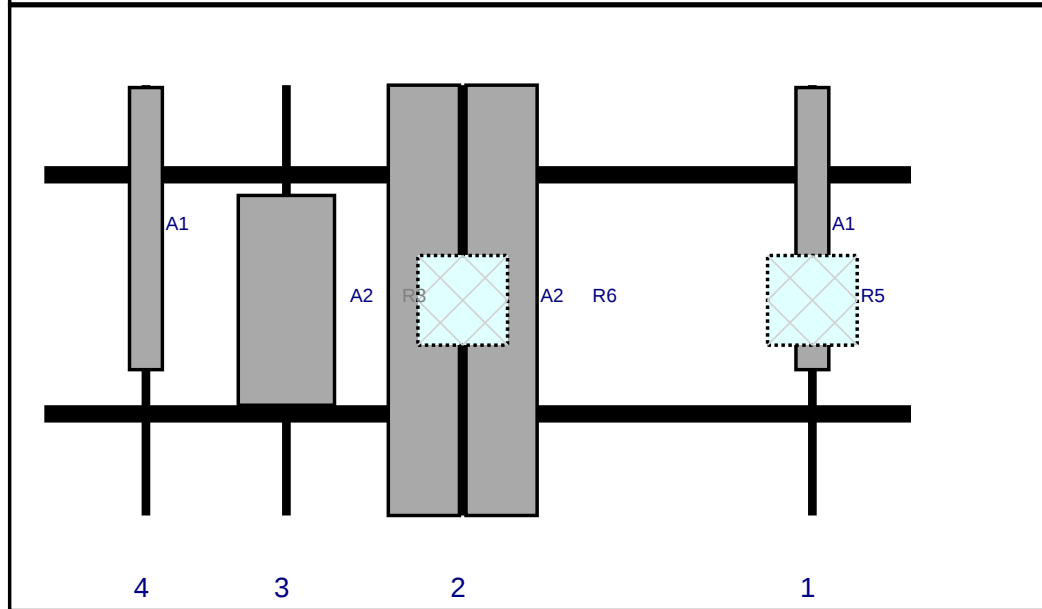
Structure Type: Monopole

10115174

Mount Elev: 115.00

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
A1	LPA-80080/4CF ____	47.2	5.5	128.5	1	a	Front	24	0	Retained	10/20/2021
R5	RF4439d-25A	15	15	128.5	1	a	Behind	36	0	Added	
A2	NHH-65B-R2B	72	11.9	70	2	a	Front	36	-6.5	Added	
A2	NHH-65B-R2B	72	11.9	70	2	b	Front	36	6.5	Added	
R6	RF4439d-25A	15	15	70	2	a	Behind	36	0	Added	
R3	MT6407-77A	35.1	16.1	40.5	3	a	Front	36	0	Added	
A1	LPA-80080/4CF ____	47.2	5.5	17	4	a	Front	24	0	Retained	10/20/2021

Sector: **B**

11/12/2021

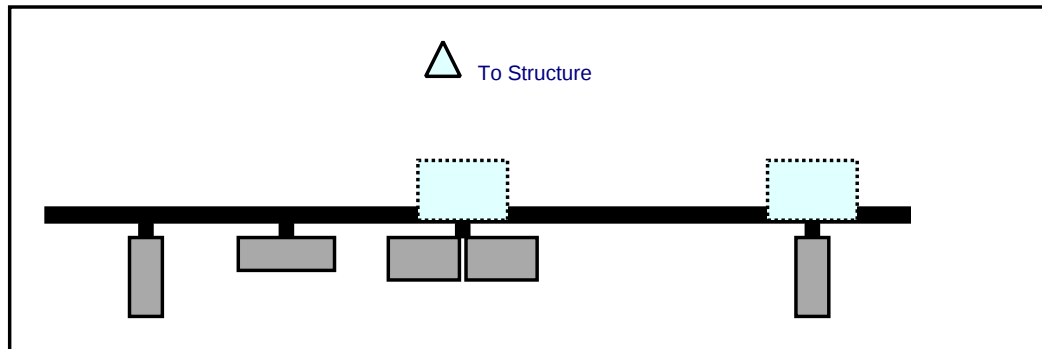
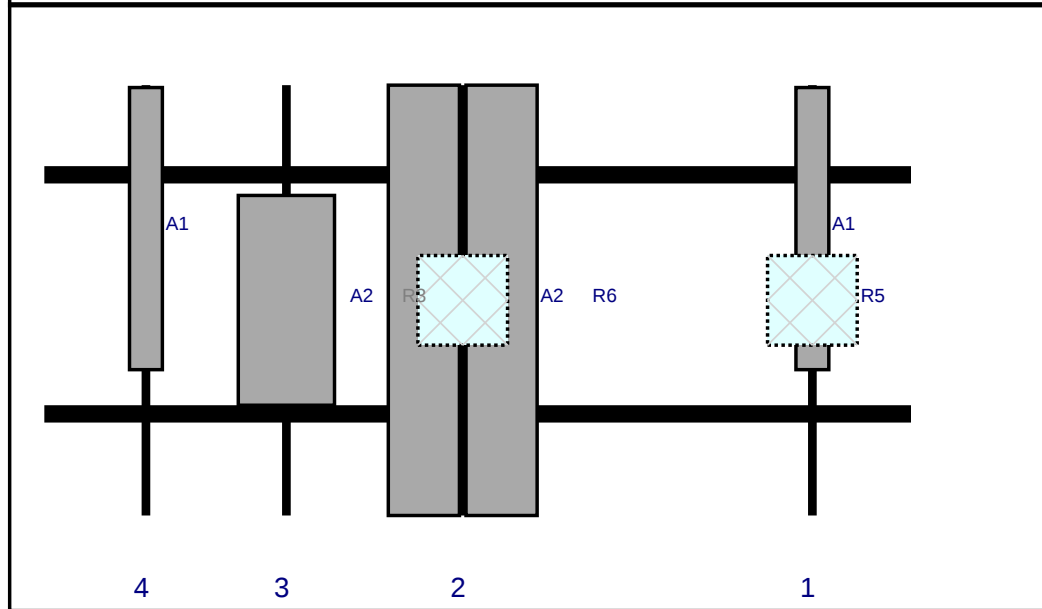
Structure Type: Monopole

10115174

Mount Elev: 115.00

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
A1	LPA-80080/4CF ____	47.2	5.5	128.5	1	a	Front	24	0	Retained	10/20/2021
R5	RF4439d-25A	15	15	128.5	1	a	Behind	36	0	Added	
A2	NHH-65B-R2B	72	11.9	70	2	a	Front	36	-6.5	Added	
A2	NHH-65B-R2B	72	11.9	70	2	b	Front	36	6.5	Added	
R6	RF4439d-25A	15	15	70	2	a	Behind	36	0	Added	
R3	MT6407-77A	35.1	16.1	40.5	3	a	Front	36	0	Added	
A1	LPA-80080/4CF ____	47.2	5.5	17	4	a	Front	24	0	Retained	10/20/2021

Sector: C

11/12/2021

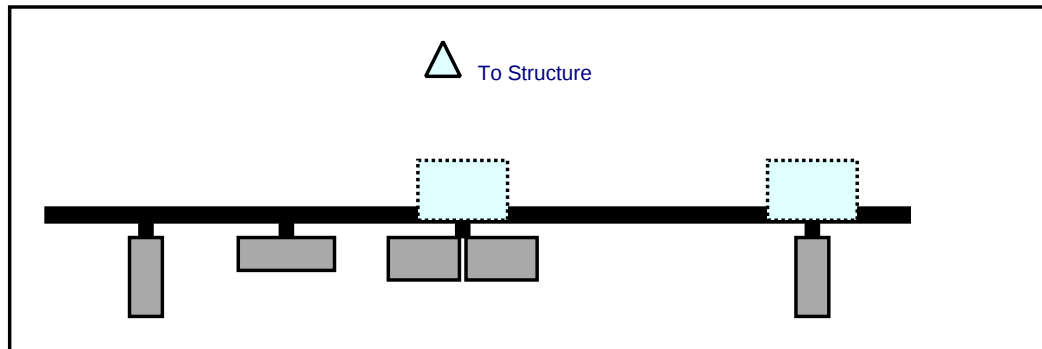
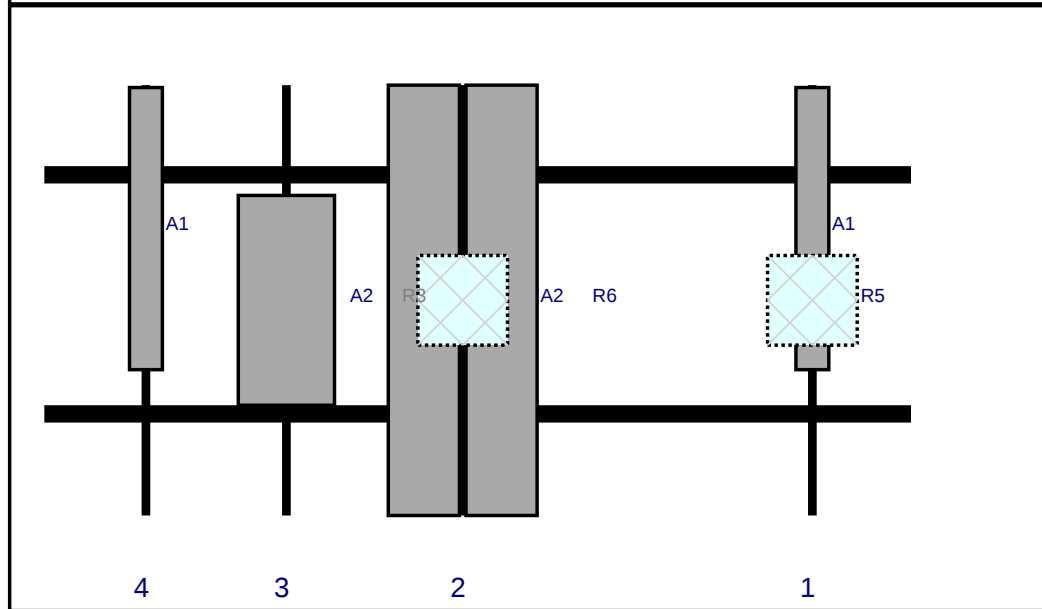
Structure Type: Monopole

10115174

Mount Elev: 115.00

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
A1	LPA-80080/4CF ____	47.2	5.5	128.5	1	a	Front	24	0	Retained	10/20/2021
R5	RF4439d-25A	15	15	128.5	1	a	Behind	36	0	Added	
A2	NHH-65B-R2B	72	11.9	70	2	a	Front	36	-6.5	Added	
A2	NHH-65B-R2B	72	11.9	70	2	b	Front	36	6.5	Added	
R6	RF4439d-25A	15	15	70	2	a	Behind	36	0	Added	
R3	MT6407-77A	35.1	16.1	40.5	3	a	Front	36	0	Added	
A1	LPA-80080/4CF ____	47.2	5.5	17	4	a	Front	24	0	Retained	10/20/2021

Maser Consulting Connecticut

Subject

TIA-222-H Adoption and Wind Speed Usage

Site Information

Site ID: 468141-VZW / Brooklyn West CT
Site Name: BROOKLYN WEST CT
Carrier Name: Verizon Wireless
Address: 118 GRANT HILL RD
Brooklyn, Connecticut 06234
Windham County
Latitude: 41.791806°
Longitude: -72.014775°

Structure Information

Tower Type: 140-Ft Monopole
Mount Type: 12.08-Ft Platform

To Whom It May Concern,

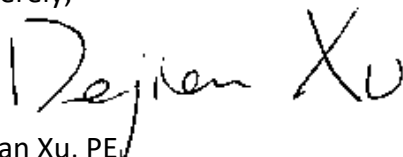
We respectfully submit the above referenced Antenna Mount Structural Analysis report in conformance with ANSI/TIA-222-H, Structural Standard for Antenna Supporting Structures and Antennas and Small Wind Turbine Support Structures.

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

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

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

Sincerely,



Dejian Xu, PE
Technical Manager

Exhibit F

Power Density/RF Emissions Report

Site Name: **BROOKLYN WEST CT**
Cumulative Power Density

Operator	Operating Frequency	Number of Trans.	ERP Per Trans.	Total ERP	Distance to Target	Calculated Power Density	Maximum Permissible Exposure*	Fraction of MPE
	(MHz)		(watts)	(watts)	(feet)	(mW/cm^2)	(mW/cm^2)	(%)
VZW 700	751	4	721	2882	117	0.0076	0.5007	1.51%
VZW CDMA	877.26	2	364	728	117	0.0019	0.5848	0.33%
VZW Cellular	874	4	723	2893	117	0.0076	0.5827	1.30%
VZW PCS	1977.5	4	1535	6138	117	0.0161	1.0000	1.61%
VZW AWS	2120	4	1702	6809	117	0.0179	1.0000	1.79%
VZW CBAND	3730.08	4	6531	26125	117	0.0686	1.0000	6.86%
Total Percentage of Maximum Permissible Exposure								13.41%

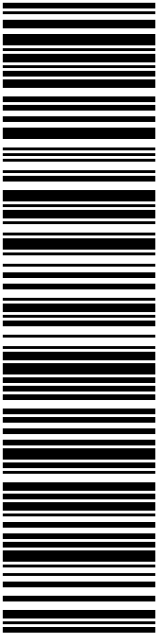
*Guidelines adopted by the FCC on August 1, 1996, 47 CFR Part 1 based on NCRP Report 86, 1986 and generally on ANSI/IEEE C95.1-1992
**Calculation includes a -10 dB Off Beam Antenna Pattern Adjustment pursuant to Attachments B and C of the Siting Council's November 10, 2015 Memorandum for Exempt Modification filings

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

Absolute worst case maximum values used.

Exhibit G

Recipient Mailings

 Click-N-Ship®	
P	usps.com US POSTAGE Flat Rate Env 12/09/2021 Mailed from 01566
PRIORITY MAIL 2-DAY™	
DEBORAH CHASE NORTHEAST SITE SOLUTIONS 420 MAIN ST STE 1 STURBRIDGE MA 01566-1359	Expected Delivery Date: 12/13/21 Re#: CR-876390 0006
SHIP TO: AUSTIN TANNER FIRST SELECTMAN PO BOX 356 BROOKLYN CT 06234-0356	
USPS TRACKING #  9405 5036 9930 0090 4724 89	
Electronic Rate Approved #038555749	

— ✂ — Cut on dotted line.

Instructions

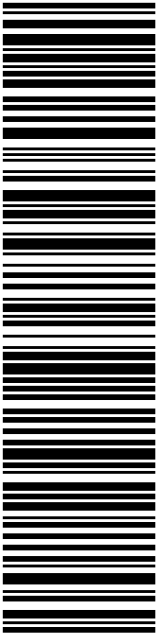
- Each Click-N-Ship® label is unique. Labels are to be used as printed and used only once. DO NOT PHOTO COPY OR ALTER LABEL.
- Place your label so it does not wrap around the edge of the package.
- Adhere your label to the package. A self-adhesive label is recommended. If tape or glue is used, DO NOT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

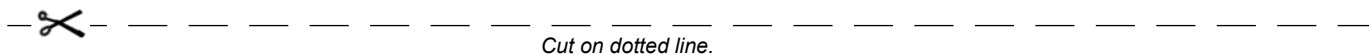
Click-N-Ship® Label Record

USPS TRACKING # : 9405 5036 9930 0090 4724 89	
Trans. #: 550528011 Print Date: 12/09/2021 Ship Date: 12/09/2021 Expected Delivery Date: 12/13/2021	Priority Mail® Postage: \$8.70 Total: \$8.70
From: DEBORAH CHASE NORTHEAST SITE SOLUTIONS 420 MAIN ST STE 1 STURBRIDGE MA 01566-1359	
To: AUSTIN TANNER FIRST SELECTMAN PO BOX 356 BROOKLYN CT 06234-0356	
Re#: CR-876390	
* Retail Pricing Priority Mail rates apply. There is no fee for USPS Tracking® service on Priority Mail service with use of this electronic rate shipping label. Refunds for unused postage paid labels can be requested online 30 days from the print date.	



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

 Click-N-Ship®	
P	usps.com US POSTAGE Flat Rate Env 12/09/2021 Mailed from 01566
PRIORITY MAIL 2-DAY™	
DEBORAH CHASE NORTHEAST SITE SOLUTIONS 420 MAIN ST STE 1 STURBRIDGE MA 01566-1359	Expected Delivery Date: 12/13/21 Re#: CR-876390 0006
SHIP TO: JANA BUTTS-ROBERTSON DIRECTOR OF COMMUNITY DEVELOPMENT 69 S MAIN ST BROOKLYN CT 06234-3829	
USPS TRACKING #  9405 5036 9930 0090 4725 02	
Electronic Rate Approved #038555749	



Instructions

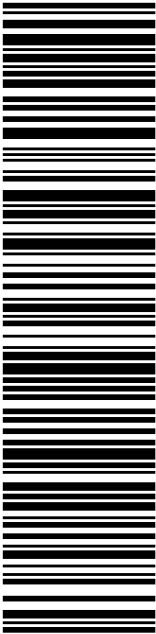
- Each Click-N-Ship® label is unique. Labels are to be used as printed and used only once. DO NOT PHOTO COPY OR ALTER LABEL.
- Place your label so it does not wrap around the edge of the package.
- Adhere your label to the package. A self-adhesive label is recommended. If tape or glue is used, DO NOT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

Click-N-Ship® Label Record

USPS TRACKING # : 9405 5036 9930 0090 4725 02	
Trans. #: 550528011 Print Date: 12/09/2021 Ship Date: 12/09/2021 Expected Delivery Date: 12/13/2021	Priority Mail® Postage: \$8.70 Total: \$8.70
From: DEBORAH CHASE NORTHEAST SITE SOLUTIONS 420 MAIN ST STE 1 STURBRIDGE MA 01566-1359	
To: JANA BUTTS-ROBERTSON DIRECTOR OF COMMUNITY DEVELOPMENT 69 S MAIN ST BROOKLYN CT 06234-3829	
Re#: CR-876390	
* Retail Pricing Priority Mail rates apply. There is no fee for USPS Tracking® service on Priority Mail service with use of this electronic rate shipping label. Refunds for unused postage paid labels can be requested online 30 days from the print date.	



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

 Click-N-Ship®	
P	usps.com US POSTAGE Flat Rate Env 12/09/2021 Mailed from 01566
PRIORITY MAIL 2-DAY™	
DEBORAH CHASE NORTHEAST SITE SOLUTIONS 420 MAIN ST STE 1 STURBRIDGE MA 01566-1359	Expected Delivery Date: 12/13/21 Re#: CR-876390 0006
SHIP TO: JEAN AND PAUL BERNIER 116 GRANT HILL RD BROOKLYN CT 06234-1430	
USPS TRACKING #  9405 5036 9930 0090 4725 19	
Electronic Rate Approved #038555749	

Cut on dotted line.

Instructions

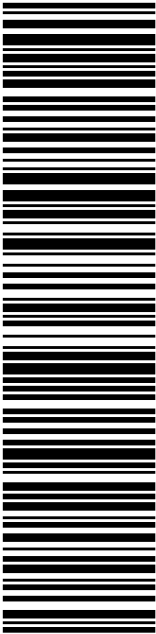
- Each Click-N-Ship® label is unique. Labels are to be used as printed and used only once. DO NOT PHOTO COPY OR ALTER LABEL.
- Place your label so it does not wrap around the edge of the package.
- Adhere your label to the package. A self-adhesive label is recommended. If tape or glue is used, DO NOT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

Click-N-Ship® Label Record

USPS TRACKING # : 9405 5036 9930 0090 4725 19	
Trans. #: 550528011 Print Date: 12/09/2021 Ship Date: 12/09/2021 Expected Delivery Date: 12/13/2021	Priority Mail® Postage: \$8.70 Total: \$8.70
From: DEBORAH CHASE NORTHEAST SITE SOLUTIONS 420 MAIN ST STE 1 STURBRIDGE MA 01566-1359	
To: JEAN AND PAUL BERNIER 116 GRANT HILL RD BROOKLYN CT 06234-1430	
Re#: CR-876390	
* Retail Pricing Priority Mail rates apply. There is no fee for USPS Tracking® service on Priority Mail service with use of this electronic rate shipping label. Refunds for unused postage paid labels can be requested online 30 days from the print date.	



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

 Click-N-Ship®	
P	usps.com US POSTAGE Flat Rate Env 12/09/2021 Mailed from 01566
9405 5036 9930 0090 4725 26 0087 0000 0010 1581	
U.S. POSTAGE PAID Click-N-Ship®	
PRIORITY MAIL 1-DAY™	
DEBORAH CHASE NORTHEAST SITE SOLUTIONS 420 MAIN ST STE 1 STURBRIDGE MA 01566-1359	Expected Delivery Date: 12/10/21 Ref#: CR-876390 0006
SHIP TO: SARAH SNELL 1800 W PARK DR WESTBOROUGH MA 01581-3926	
USPS TRACKING #  9405 5036 9930 0090 4725 26	
Electronic Rate Approved #038555749	



Cut on dotted line.

Instructions

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

Click-N-Ship® Label Record

USPS TRACKING # : 9405 5036 9930 0090 4725 26	
Trans. #: 550528011 Print Date: 12/09/2021 Ship Date: 12/09/2021 Expected Delivery Date: 12/10/2021	Priority Mail® Postage: \$8.70 Total: \$8.70
From: DEBORAH CHASE NORTHEAST SITE SOLUTIONS 420 MAIN ST STE 1 STURBRIDGE MA 01566-1359	
To: SARAH SNELL 1800 W PARK DR WESTBOROUGH MA 01581-3926	
Ref#: CR-876390	
* Retail Pricing Priority Mail rates apply. There is no fee for USPS Tracking® service on Priority Mail service with use of this electronic rate shipping label. Refunds for unused postage paid labels can be requested online 30 days from the print date.	



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

826390



UNIONVILLE
24 MILL ST
UNIONVILLE, CT 06085-9998
(800)275-8777

12/10/2021

12:05 PM

Product	Qty	Unit Price	Price
---------	-----	------------	-------

Prepaid Mail	1		\$0.00
Westborough, MA 01581			
Weight: 0 lb 2.00 oz			
Acceptance Date:			
Fri 12/10/2021			
Tracking #:			
9405 5036 9930 0090 4725 26			

Prepaid Mail	1		\$0.00
Brooklyn, CT 06234			
Weight: 0 lb 6.80 oz			
Acceptance Date:			
Fri 12/10/2021			
Tracking #:			
9405 5036 9930 0090 4724 89			

Prepaid Mail	1		\$0.00
Brooklyn, CT 06234			
Weight: 0 lb 6.80 oz			
Acceptance Date:			
Fri 12/10/2021			
Tracking #:			
9405 5036 9930 0090 4725 02			

Prepaid Mail	1		\$0.00
Brooklyn, CT 06234			
Weight: 0 lb 6.80 oz			
Acceptance Date:			
Fri 12/10/2021			
Tracking #:			
9405 5036 9930 0090 4725 19			

Grand Total:			\$0.00
--------------	--	--	--------