NORTHEAST SITE SOLUTIONS
Turnkey Wireless Development

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

April 29, 2022

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

RE: Exempt Modification Application
21 Berkshire Road, Newtown, CT 06482
Latitude: 41.412777
Longitude: -73.270833
Site #: 806354_Crown_VZW

Dear Ms. Bachman:

Verizon Wireless is requesting to file an exempt modification for an existing tower located at 21 Berkshire Road, Newtown, CT 06482. Verizon Wireless currently maintains fifteen (15) antennas at the 185-foot level of the existing 185-foot tower. The property is owned by Carmine Renzulli and the tower is owned by Crown Castle. Verizon now intends to install three (3) antennas. The new antennas would be installed at the 185-foot level of the tower. This modification includes B2, B5 hardware that is both 4G (LTE), and 5G capable.

Verizon Planned Modifications:

Remove: None

Remove and Replace: None

Install New:
(3) Samsung MT6407-77A Antennas

Existing to Remain:
(6) ANDREW / DECIBEL DB846F65ZAXY Antennas
(6) QUINTEL QS8658-5 Antennas
(3) SAMSUNG XXDWMM 12.6-65-8T-CBRS Antennas
(3) SAMSUNG B2/B66A BR049 RRH
(3) SAMSUNG B5/B13 BR04C RRH
(6) COMMSCOPE CBC78T-DS-43-2X Diplexers
(2) RAYCAP OVP
(6) Coax 1-5/8"
(1) Hybrid Line 1-5/8"

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The facility was approved by the Connecticut Siting Council, Docket No. 89 on March 3, 1988, see attached.

Please accept this letter as notification pursuant to Regulations of Connecticut State Agencies§ 16- SOj-73, for construction that constitutes an exempt modification pursuant to R.C.S.A. § 16-50j-72(b)(2). In accordance with R.C.SA. § 16-SOj-73, a copy of this letter is being sent to Daniel Rosenthal, First Selectman and George Benson, Director of Planning for the Town of Newtown. 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: Daniel Rosenthal, First Selectman
Newtown Municipal Center
3 Primrose Street
Newtown, CT 06470

George Benson, Director of Planning
Newtown Municipal Center
3 Primrose Street
Newtown, CT 06470

Carmine Renzulli – Property Owner
505 Westport Ave LT 31
Norwalk, CT 06851

Crown Castle – Tower Owner

Exhibit A

Original Facility Approval

DOCKET NO. 89 - An application of Metro Mobile CTS of Fairfield County, Inc., for a Certificate of Environmental Compatibility and Public Need for cellular telephone antennas and associated equipment in the Town of Newtown, Connecticut	:	CONNECTICUT SITING COUNCIL
	:	March 3, 1988

D E C I S I O N A N D O R D E R

Pursuant to the forgoing opinion, the Connecticut Siting Council hereby directs that a Certificate of Environmental Compatibility and Public Need, as provided by Section 16-50k of the General Statutes of Connecticut (CGS) be issued to Metro Mobile CTS of Fairfield County, Inc., for the construction, operation, and maintenance of a cellular telephone tower site and associated equipment at the "LM/A-Newtown" alternative site off of Route 34 in the Town of Newtown, Connecticut.

The "LM-Newtown" site off of Commerce Road is hereby denied.

The facility shall be constructed, operated, and maintained as specified in the Council's record in this matter, and subject to the following conditions:

1. The monopole tower at the Newtown site shall be no taller than necessary to provide the proposed service, and in no event shall exceed a total height of 193 feet, including antennas and associated equipment.

2. The facility shall be constructed in accordance with all applicable federal, state, and municipal laws and regulations.

3. Unless necessary to comply with condition number 2, above, no lights shall be installed on this tower.

4. The Certificate Holder shall prepare a development and management (D&M) plan for the Newtown site in compliance with sections 16-50j-75 through 16-50j-77 of the Regulations of State Agencies. The D&M plan shall provide for permanent evergreen screening around the outside perimeter of the eight-foot chain link fence which will surround the site.

5. The Certificate Holder or its successor shall notify the Council if and when directional antennas or any equipment other than that listed in this application is added to this facility.

6. The Certificate Holder or its successor shall permit public or private entities to share space on the tower for due consideration, or shall provide the requesting entity with specific legal, technical, environmental, or economic reasons precluding such tower sharing.

7. If this facility does not provide, or permanently ceases to provide, cellular service following completion of construction, this Decision and Order shall be void, and the tower and all associated equipment in this application shall be dismantled and removed or reapplication for any new use shall be made to the Council before any such new use is made.

8. The Certificate Holder shall comply with any future radio frequency (RF) standards promulgated by State or federal regulatory agencies. Upon the establishment of any new governmental RF standards, the facility granted in the Decision and Order shall be brought into compliance with such standards.

9. Unless otherwise approved by the Council, this Decision and Order shall be void if all construction authorized herein is not completed within three years of the the issuance of this Decision and Order.

Pursuant to CGS Section 16-50p, we hereby direct that a copy of this Decision and Order be served on each person listed below. A notice of the issuance shall be published in the Danbury News-Times and Newtown Bee.

By this Decison and Order the Council disposes of the legal rights, duties, and privileges of each party named or admitted to the proceeding in accordance with Section 16-50j-17 of the Regulations of State Agencies.

The parties or intervenors to this proceeding are:

Metro Mobile CTS of Fairfield County, Inc. (applicant)
50 Rockland Road
South Norwalk, CT 06854
ATTN: Peter Kelley
Vice President

Howard L. Slater, Esq. (its representative)
Jennifer Young Gaudet, Esq.
Byrne, Slater, Sandler, Shulman & Rouse, P.C.
330 Main Street
P.O. Box 3216
Hartford, CT 06103

Fleishman and Walsh, P.C. (party)
1725 N Street, N.W.
Washington, D.C. 20036
ATTN: Richard Rubin, Esq.

Theodore G. Whippie (party)
Chairman
Planning & Zoning Comm.
Edmond Town Hall
45 Main Street
Newtown, CT 06470

CERTIFICATION

The undersigned members of the Connecticut Siting Council hereby certify that they have heard this case in Docket 89 or read the record thereof, and that we voted as follows:

Dated at New Britain, Connecticut the 3rd day of March, 1988.

Council Members	Vote Cast
Gloria Dibble Pond Chairperson	Yes
Commissioner Peter Boucher Designee: Roland Miller	Yes
Commissioner Leslie Carothers Designee: Brian Emerick	Yes
Owen L. Clark	Absent
Fred J. Dodcy	Yes
Mortimer A. Gelston	Yes
James G. Horsfall	Yes
William H. Smith	Yes
Colin C. Tait	Absent

1058E-2

Exhibit B

Property Card

21 BERKSHIRE ROAD

Location	21 BERKSHIRE ROAD	**M/B/L**	38/ 10/ 3/C /
Acct#	00428200C	**Owner**	RENZULLI CARMINE V
Assessment	$327,820	**Appraisal**	$468,310
PID	15220	**Building Count**	1

Current Value

Appraisal			
Valuation Year	**Improvements**	**Land**	**Total**
2017	$108,310	$360,000	$468,310
Assessment			
Valuation Year	**Improvements**	**Land**	**Total**
2017	$75,820	$252,000	$327,820

Owner of Record

Owner	RENZULLI CARMINE V	**Sale Price**	$0
Co-Owner		**Book & Page**	0306/0377
Address	505 WESTPORT AVE LT 31 NORWALK, CT 06851	**Sale Date**	12/25/2009

Ownership History

Ownership History			
Owner	**Sale Price**	**Book & Page**	**Sale Date**
RENZULLI CARMINE V	$0	0306/0377	12/25/2009

Building Information

Building 1 : Section 1

Year Built:
Living Area: 0

Building Attributes	
Field	**Description**
Style	Outbuildings
Model	
Grade:	
Stories	

Occupancy	
Exterior Wall 1	
Exterior Wall 2	
Roof Structure	
Roof Cover	
Interior Wall 1	
Interior Wall 2	
Interior Flr 1	
Interior Flr 2	
Heat Fuel	
Heat Type:	
AC Type:	
Total Bedrooms:	
Full Bthrms:	
Half Baths:	
Extra Fixtures	
Total Rooms:	
Bath Style:	
Kitchen Style:	
Extra Kitchens	
Fireplace(s)	
Extra Opening(s)	
Gas Fireplace(s)	
Blocked FPL(s)	
Woodstove(s)	
SF Fin Bsmt	
Fin Bsmt Qual	
Bsmt Garage	
Int Millwork	
Foundation	
MH Park	

Building Photo

(http://images.vgsi.com/photos/NewtownCTPhotos//\00\01\89/0

Building Layout

Building Layout
(http://images.vgsi.com/photos/NewtownCTPhotos//Sketches/15

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

Extra Features

Extra Features	Legend
No Data for Extra Features	

Land

Land Use

Land Line Valuation

Use Code	4310	**Size (Acres)**	1
Description	CELL SITE	**Frontage**	
Zone	B-3	**Depth**	
Neighborhood		**Assessed Value**	$252,000
Alt Land Appr	No	**Appraised Value**	$360,000
Category			

Outbuildings

Outbuildings						Legend
Code	**Description**	**Sub Code**	**Sub Description**	**Size**	**Value**	**Bldg #**
CELL	Cell Tower			1 Units	$96,000	1
SHD4	Cellular Shed			400 S.F.	$7,200	1
SHD4	Cellular Shed			224 S.F.	$4,030	1
FN1	Fence			300 L.F.	$1,080	1

Valuation History

Appraisal			
Valuation Year	**Improvements**	**Land**	**Total**
2017	$108,310	$360,000	$468,310
2016	$96,000	$360,000	$456,000
2015	$96,000	$360,000	$456,000

Assessment			
Valuation Year	**Improvements**	**Land**	**Total**
2017	$75,820	$252,000	$327,820
2016	$67,200	$252,000	$319,200
2015	$67,200	$252,000	$319,200

Google Maps 21 Berkshire Rd

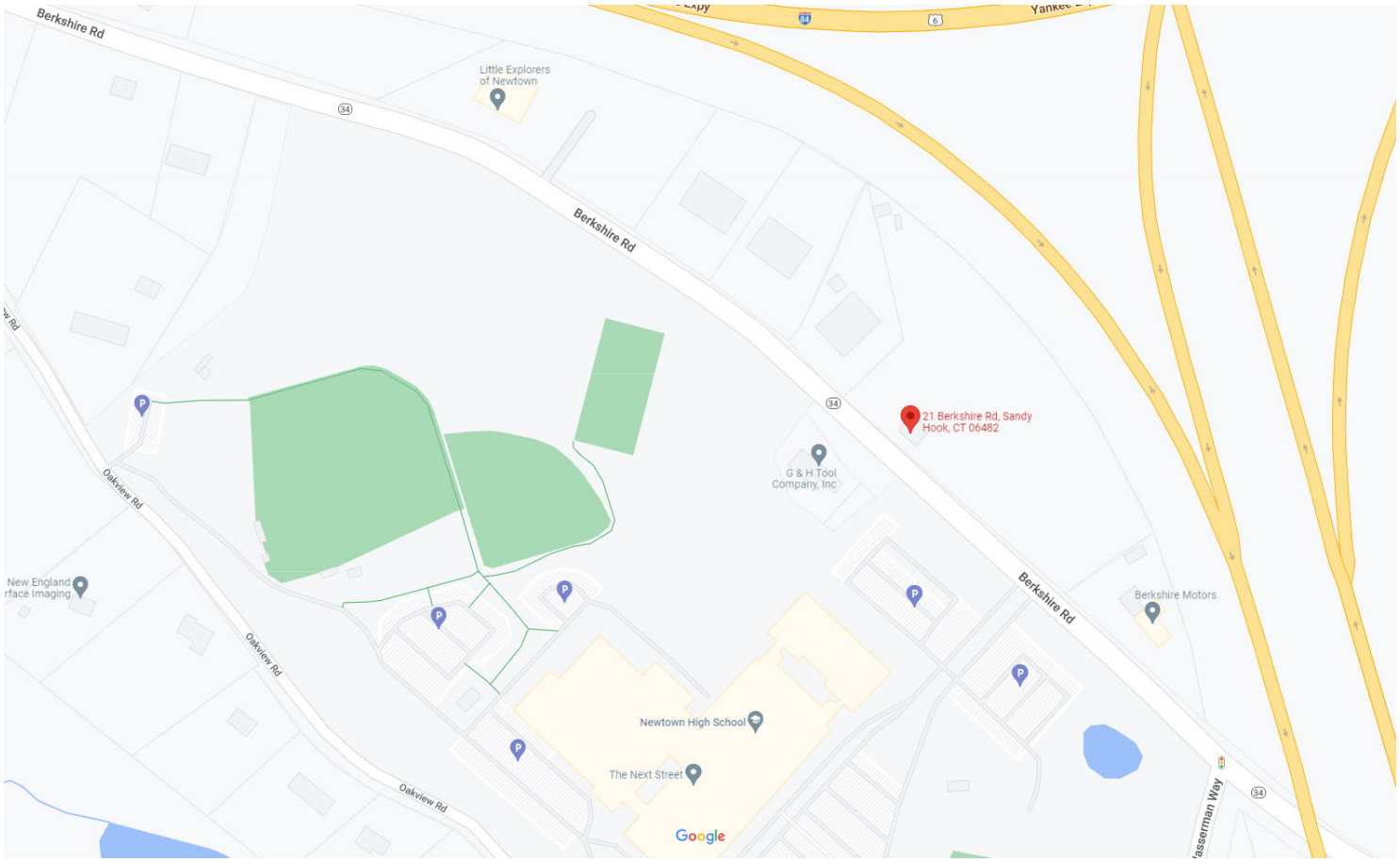


Exhibit C

Construction Drawings

verizon

VERIZON SITE NUMBER: 324504
VERIZON SITE NAME: NEWTOWN CT
SITE TYPE: MONOPOLE
TOWER HEIGHT: 185'-0"

BUSINESS UNIT #: 806354
SITE ADDRESS: 21 BERKSHIRE RD NEWTOWN, CT 06482
COUNTY: FAIRFIELD
JURISDICTION: FAIRFIELD COUNTY

VERIZON FUZE PROJECT #: 16272191

SITE INFORMATION

CROWN CASTLE USA INC. SITE NAME:	BRG 123 943084
SITE ADDRESS:	21 BERKSHIRE RD NEWTOWN, CT 06482
COUNTY:	FAIRFIELD
MAP/PARCEL #:	VERIFY
AREA OF CONSTRUCTION:	EXISTING
LATITUDE:	41° 24' 45.34" N (41.412596°)
LONGITUDE:	73° 16' 13.41" W (-73.270394°)
LAT/LONG TYPE:	NAD83
GROUND ELEVATION:	347.7'
CURRENT ZONING:	TBD
JURISDICTION:	FAIRFIELD COUNTY
OCCUPANCY CLASSIFICATION:	U
TYPE OF CONSTRUCTION:	IIB
A.D.A. COMPLIANCE:	FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION
PROPERTY OWNER:	TBD -- --
TOWER OWNER:	CCATT LLC 1500 CORPORATE DRIVE CANONSBURG, PA 15317
CARRIER/APPLICANT:	VERIZON WIRELESS 180 WASHINGTON VALLEY ROAD BEDMINSTER, NJ 07921
ELECTRIC PROVIDER:	TBD --
TELCO PROVIDER:	TBD --

PROJECT TEAM

A&E FIRM:	CROWN CASTLE USA INC. 2000 CORPORATE DRIVE CANONSBURG, PA 15317 CROWNAE.APPROVAL@CROWNCASTLE.COM
CROWN CASTLE USA INC. DISTRICT CONTACTS:	1505 WESTLAKE AVENUE NORTH, SUITE 800 SEATTLE, WA 98109 TBD - PROJECT MANAGER -- TBD - CONSTRUCTION MANAGER --
VERIZON CONTACT:	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	COLOR CODE MATRIX
C-6	PLUMBING DIAGRAM
G-1	GROUNDING DETAILS
G-2	GROUNDING DETAILS

ALL DRAWINGS CONTAINED HEREIN ARE FORMATTED FOR 11X17. CONTRACTOR SHALL VERIFY ALL PLANS AND EXISTING DIMENSIONS AND CONDITIONS ON THE JOB SITE AND SHALL IMMEDIATELY NOTIFY THE ENGINEER IN WRITING OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK OR BE RESPONSIBLE FOR SAME.

APPROVALS

SIGNATURE	DATE

CONTRACTOR PMI REQUIREMENTS

PMI ACCESSED AT	https://pmi.vxwsmart.com
SMART TOOL VENDOR PROJECT NUMBER	10037838
VzW LOCATION CODE (PSLC)	467643

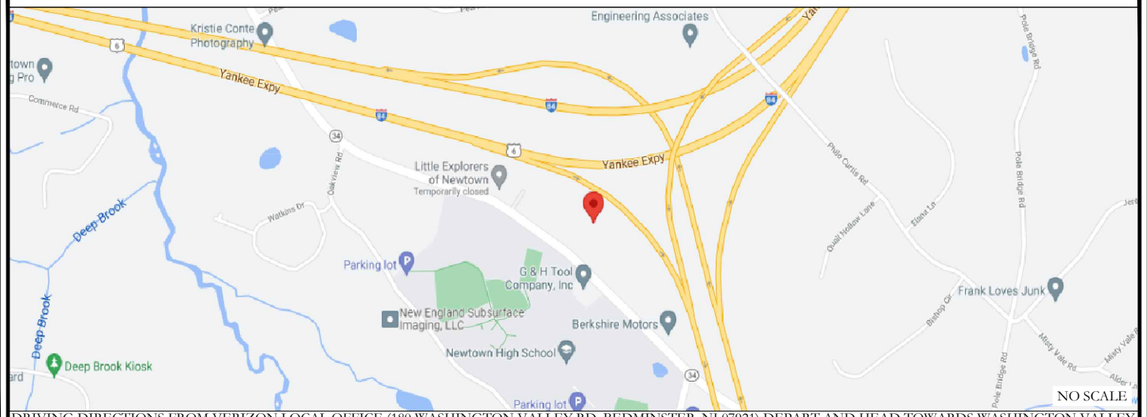
*** PMI AND REQUIREMENTS ALSO EMBEDDED IN MOUNT ANALYSIS REPORT

MOUNT MODIFICATION REQUIRED	N

VzW APPROVED SMART KIT VENDORS

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

LOCATION MAP



NO SCALE

DRIVING DIRECTIONS FROM VERIZON LOCAL OFFICE (180 WASHINGTON VALLEY RD, BEDMINSTER, NJ 07921) DEPART AND HEAD TOWARDS WASHINGTON VALLEY RD / COUNTY HWY-620, TURN LEFT ONTO WASHINGTON VALLEY RD / COUNTY HWY-620, BEAR RIGHT ONTO US-206 N / US-202 N / US HIGHWAY 202 206, BEAR RIGHT ONTO US-202 N / US-206 N / US HIGHWAY 202 206, TURN RIGHT ONTO SCHLEY MOUNTAIN RD, TAKE THE SLIP ROAD ON THE LEFT FOR I-287 N, ENTERING NEW YORK, TAKE THE SLIP ROAD ON THE RIGHT FOR I-287 / I-87 SOUTH AND HEAD TOWARDS NEW YORK CITY / TAPPAN ZEE BR, HEAD RIGHT ON THE SLIP ROAD FOR I-87 SOUTH TOWARDS NEW YORK CITY / SAW MILL PKWY S, TAKE THE SLIP ROAD FOR I-684 N, HEAD RIGHT ON THE SLIP ROAD FOR I-84 EAST TOWARDS DANBURY, ENTERING CONNECTICUT, TAKE THE SLIP ROAD ON THE RIGHT FOR I-84 EAST AND HEAD TOWARDS WATERBURY, HEAD RIGHT ON THE SLIP ROAD FOR WASSERMAN WAY TOWARDS DERBY / MONROE / NEW HAVEN, TURN RIGHT ONTO WASSERMAN WAY TOWARDS DERBY / MONROE / NEW HAVEN / WASSERMAN WAY, TURN LEFT ONTO CT-34 / BERKSHIRE RD, TURN RIGHT, TURN RIGHT, ARRIVE AT 21 BERKSHIRE RD, NEWTOWN, CT 06482.

APPLICABLE CODES/REFERENCE DOCUMENTS

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

CODE TYPE	CODE
BUILDING	2018 CT STATE BUILDING CODE
MECHANICAL	2015 IMC
ELECTRICAL	2017 NEC

REFERENCE DOCUMENTS:

STRUCTURAL ANALYSIS:	TOWER ENGINEERING PROFESSIONALS
DATED:	05/06/2021
MOUNT ANALYSIS:	MASER CONSULTING CONNECTICUT
DATED:	05/13/2021
RFDS REVISION:	TBD
DATED:	03/18/2021
ORDER ID:	552674
REVISION:	0

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:
- INSTALL (3) INTEGRATED ANTENNAS/RRUS
- RELOCATE (6) ANTENNAS TO (3) (N) DUAL BRACKET MOUNTS

GROUND SCOPE OF WORK:
- N/A

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

verizon
180 WASHINGTON VALLEY ROAD
BEDMINSTER, NJ 07921

CROWN CASTLE
1500 CORPORATE DRIVE
CANONSBURG, PA 15317

VENDOR LOGO & ADDRESS

VERIZON SITE NUMBER:
324504

BU #: **806354**
BRG 123 943084

21 BERKSHIRE RD
NEWTOWN, CT 06482

EXISTING 185'-0" MONOPOLE

ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	DES./QA
0	05/28/2021	RCD	FINAL	--
1	06/24/21	RCD	FINAL	--
2	07/02/21	PEG	FINAL	--
3	10/04/21	CB	FINAL	--
4	11/10/21	HL	FINAL	--

STATE OF CONNECTICUT
SHUHEI SAKAMOTO
34916
LICENSED PROFESSIONAL ENGINEER

DATE SIGNED: 11/10/2021

SHEET NUMBER: T-1
REVISION: 4

CROWN CASTLE USA INC. SITE ACTIVITY REQUIREMENTS:

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

GENERAL NOTES:

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

CONCRETE, FOUNDATIONS, AND REINFORCING STEEL:

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

GREENFIELD GROUNDING NOTES:

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

ELECTRICAL INSTALLATION NOTES:

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

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

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

APWA UNIFORM COLOR CODE:

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

ABBREVIATIONS:

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

verizon

180 WASHINGTON VALLEY ROAD
BEDMINSTER, NJ 07921

CROWN CASTLE

1500 CORPORATE DRIVE
CANONSBURG, PA 15317

VENDOR LOGO & ADDRESS

VERIZON SITE NUMBER:
324504

BU #: **806354**
BRG 123 943084

21 BERKSHIRE RD
NEWTOWN, CT 06482

EXISTING 185'-0" MONOPOLE

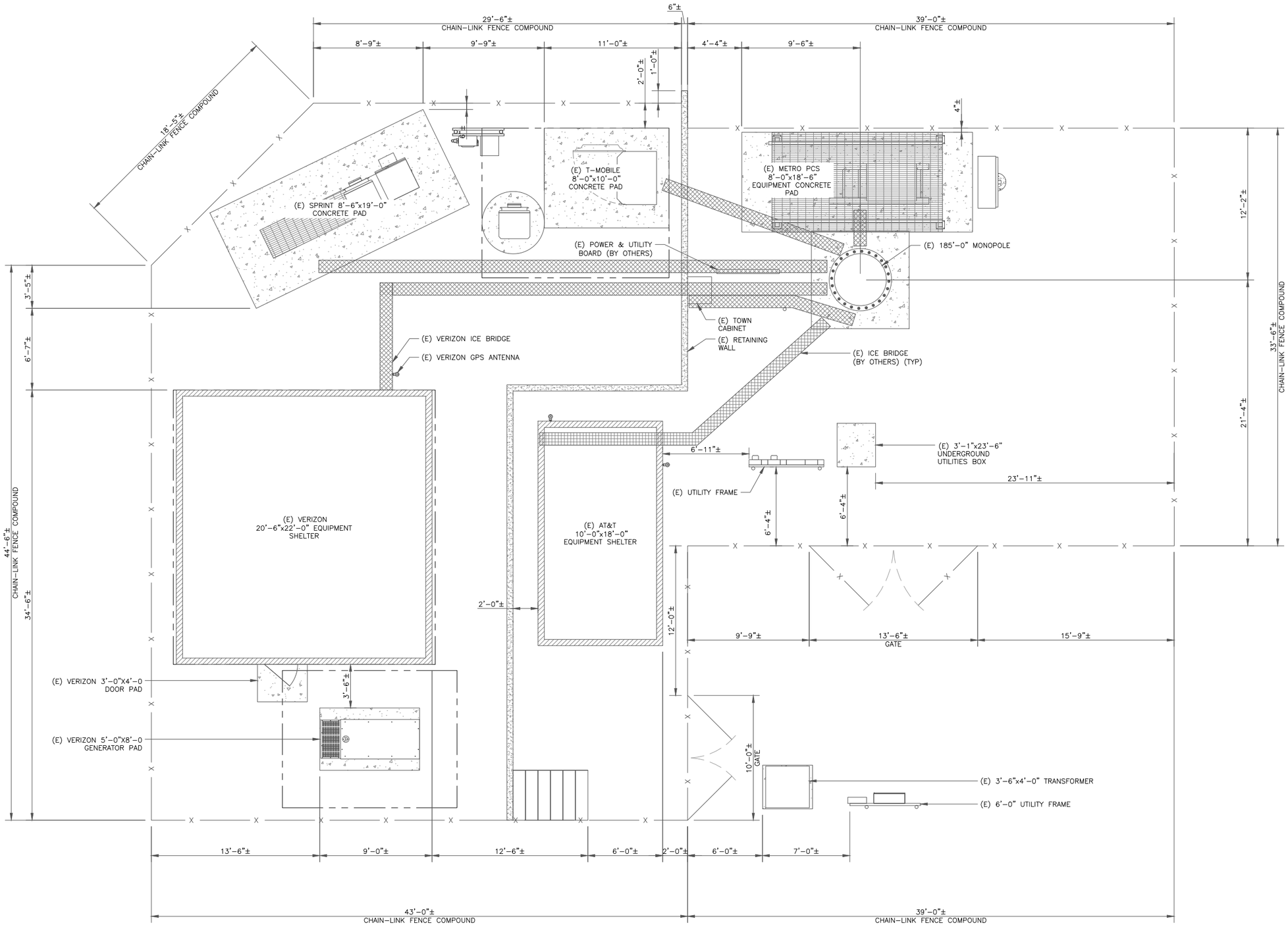
ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	DES./QA
0	05/28/2021	RCD	FINAL	--
1	06/24/21	RCD	FINAL	--
2	07/02/21	PEG	FINAL	--
3	10/04/21	CB	FINAL	--
4	11/10/21	HL	FINAL	--

STATE OF CONNECTICUT
SHUHEI SAKANOUE
34916
LICENSED PROFESSIONAL ENGINEER

DATE SIGNED: 11/10/2021

SHEET NUMBER: T-2
REVISION: 4



1 SITE PLAN

SCALE: 4' 3' 2' 1' 0 4' 1/4"=1'-0" (FULL SIZE) 1/8"=1'-0" (11x17)

N

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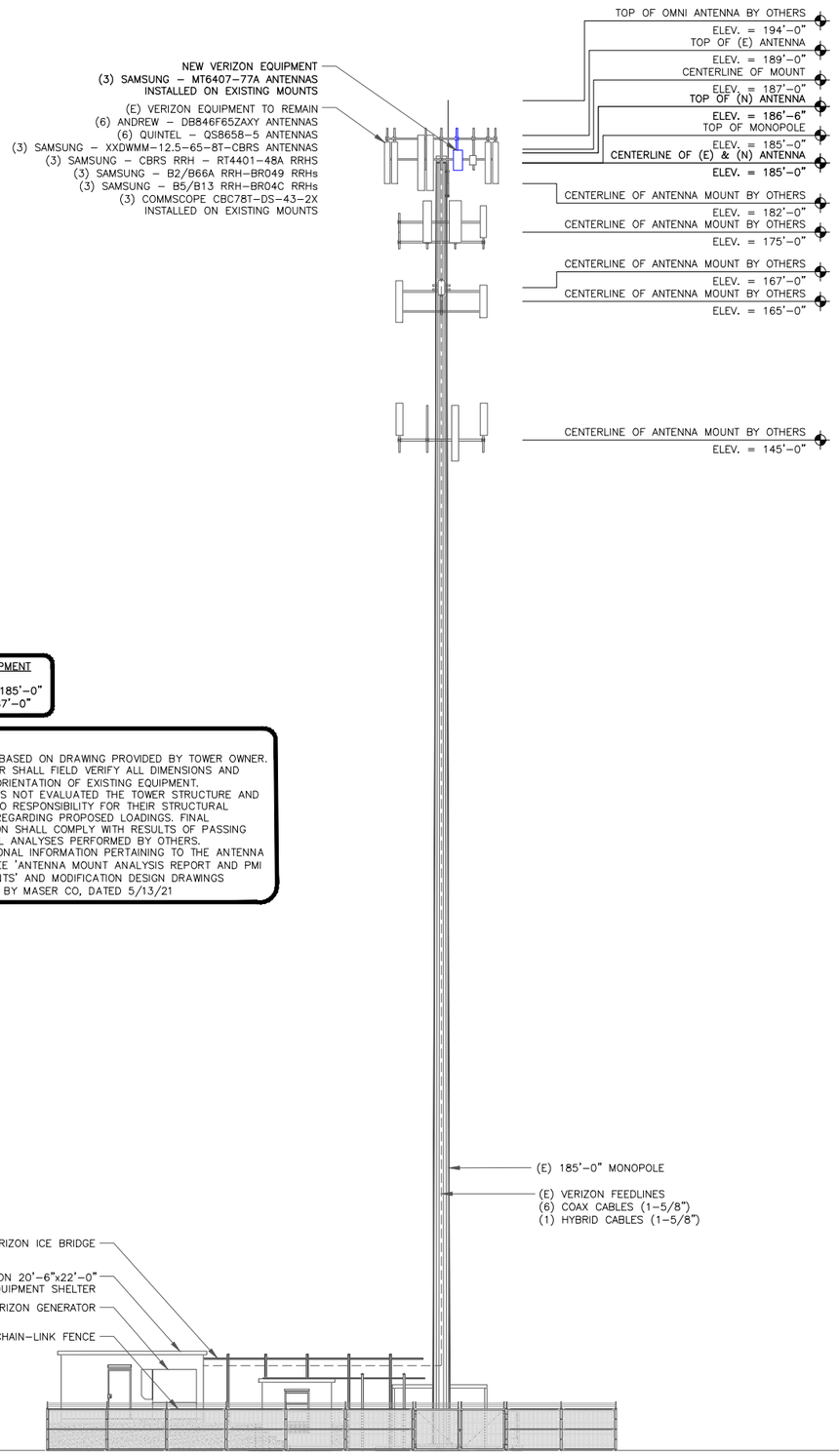
STATE OF CONNECTICUT
SHUHEI SAKANOUE
34916
LICENSED PROFESSIONAL ENGINEER

DATE SIGNED: 11/10/2021

SHEET NUMBER: C-1

REVISION: 4



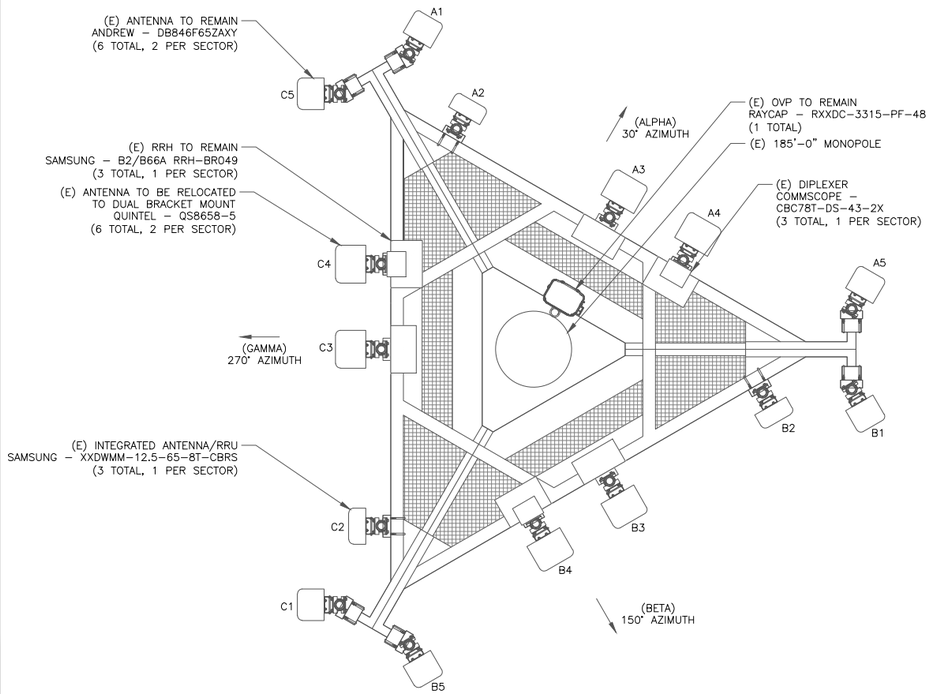
VERIZON EQUIPMENT

ANTENNA CL: 185'-0"
MOUNT CL: 187'-0"

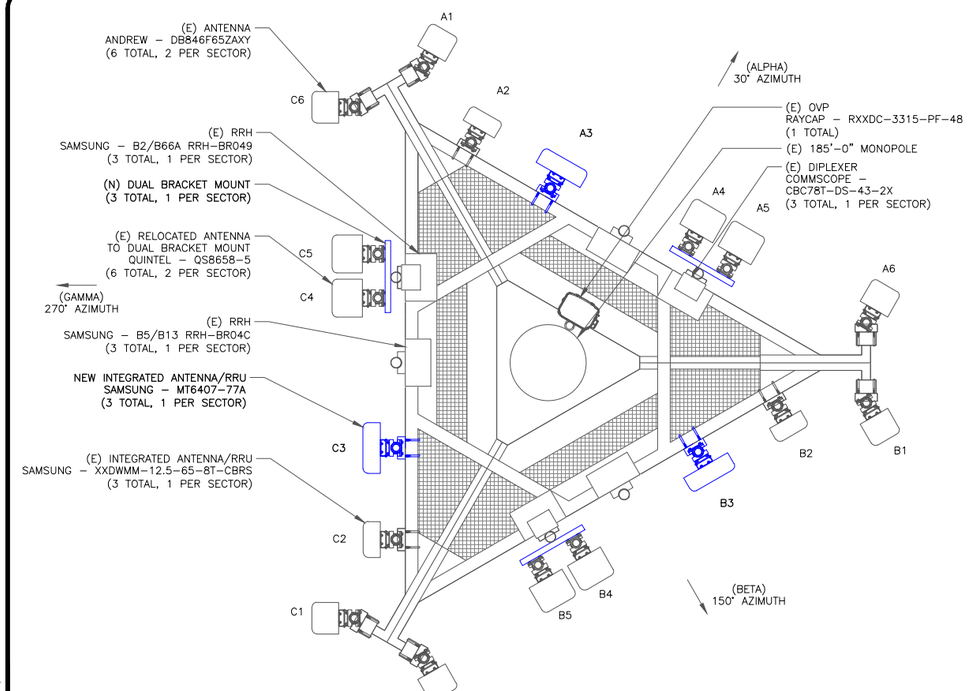
NOTES:

1. ELEVATION BASED ON DRAWING PROVIDED BY TOWER OWNER. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND LOCATION/ORIENTATION OF EXISTING EQUIPMENT.
2. INFINIGY HAS NOT EVALUATED THE TOWER STRUCTURE AND ASSUMES NO RESPONSIBILITY FOR THEIR STRUCTURAL INTEGRITY REGARDING PROPOSED LOADINGS. FINAL INSTALLATION SHALL COMPLY WITH RESULTS OF PASSING STRUCTURAL ANALYSES PERFORMED BY OTHERS.
3. FOR ADDITIONAL INFORMATION PERTAINING TO THE ANTENNA MOUNTS, SEE 'ANTENNA MOUNT ANALYSIS REPORT AND PMI REQUIREMENTS' AND MODIFICATION DESIGN DRAWINGS COMPLETED BY MASER CO, DATED 5/13/21

1 TOWER ELEVATION
SCALE: NOT TO SCALE



2 EXISTING ANTENNA PLAN
SCALE: NOT TO SCALE



3 NEW ANTENNA PLAN
SCALE: NOT TO SCALE

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180 WASHINGTON VALLEY ROAD
BEDMINSTER, NJ 07921

CROWN CASTLE
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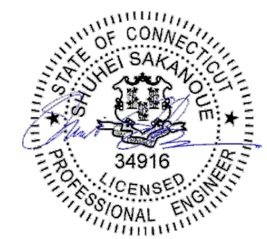
3	10/04/21	CB	FINAL	--
4	11/10/21	HL	FINAL	--



DATE SIGNED: 11/10/2021

SHEET NUMBER: C-2
REVISION: 4

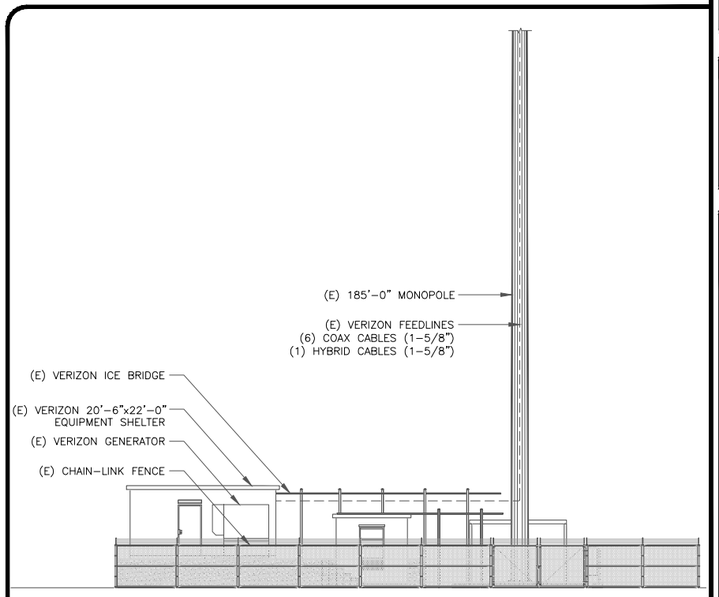
ANTENNA/RRH SCHEDULE

SECTOR	STATUS	ANTENNA MANUFACTURER	ANTENNA MODEL	ANTENNA CENTERLINE	AZIMUTH	MECHANICAL DOWNTILTS	ELECTRICAL DOWNTILTS	TOWER EQUIPMENT MANUFACTURER	TOWER EQUIPMENT QTY/MODEL
A1	EXISTING	ANDREW	DB846F65ZAXY	185'-0"	30°	0°	0°	–	–
A2	EXISTING	SAMSUNG	XXDWMM-12.5-65-8T-CBRS	185'-0"	30°	0°	8°	SAMSUNG	RT4401-48A CBRS RRH
A3	**NEW**	**SAMSUNG**	**MT6407-77A**	**185'-0"**	**30°**	**0°**	**6°**	–	–
A4	EXISTING	QUINTEL	QS8658-5	185'-0"	30°	0°	4°/2°/2°/ 4°/4°	SAMSUNG COMMSCOPE	(1) B5/B13 RRH-BR04C (1) CBC78T-DS-43-2X DIPLEXER
A5	EXISTING	QUINTEL	QS8658-5	185'-0"	30°	0°	4°/2°/2°/ 4°/4°	SAMSUNG	(1) B2/B66A RRH-BR049
A6	EXISTING	ANDREW	DB846F65ZAXY	185'-0"	30°	0°	0°	–	–
B1	EXISTING	ANDREW	DB846F65ZAXY	185'-0"	30°	0°	0°	–	–
B2	EXISTING	SAMSUNG	XXDWMM-12.5-65-8T-CBRS	185'-0"	150°	0°	8°	SAMSUNG	RT4401-48A CBRS RRH
B3	**NEW**	**SAMSUNG**	**MT6407-77A**	**185'-0"**	150°	**0°**	**6°**	–	–
B4	EXISTING	QUINTEL	QS8658-5	185'-0"	150°	0°	4°/2°/2°/ 4°/4°	SAMSUNG COMMSCOPE	(1) B5/B13 RRH-BR04C (1) CBC78T-DS-43-2X DIPLEXER
B5	EXISTING	QUINTEL	QS8658-5	185'-0"	150°	0°	4°/2°/2°/ 4°/4°	SAMSUNG	(1) B2/B66A RRH-BR049
B6	EXISTING	ANDREW	DB846F65ZAXY	185'-0"	150°	0°	0°	–	–
C1	EXISTING	ANDREW	DB846F65ZAXY	185'-0"	30°	0°	0°	–	–
C2	EXISTING	SAMSUNG	XXDWMM-12.5-65-8T-CBRS	185'-0"	270°	0°	8°	SAMSUNG	RT4401-48A CBRS RRH
C3	**NEW**	**SAMSUNG**	**MT6407-77A**	**185'-0"**	270°	**0°**	**6°**	–	–
C4	EXISTING	QUINTEL	QS8658-5	185'-0"	270°	0°	4°/2°/2°/ 4°/4°	SAMSUNG COMMSCOPE	(1) B5/B13 RRH-BR04C (1) CBC78T-DS-43-2X DIPLEXER
C5	EXISTING	QUINTEL	QS8658-5	185'-0"	270°	0°	4°/2°/2°/ 4°/4°	SAMSUNG	(1) B2/B66A RRH-BR049
C6	EXISTING	ANDREW	DB846F65ZAXY	185'-0"	270°	0°	0°	–	–

1 VERIZON TOWER EQUIPMENT SCHEDULE
SCALE: NOT TO SCALE

CABLE SCHEDULE

STATUS	CABLE TYPE	SIZE	LENGTH	QTY
EXISTING	COAX	1-5/8"	235'-0"±	6
EXISTING	HYBRID	1-5/8"	235'-0"±	1
TOTAL CABLE QTY:				7



2 BASE LEVEL DETAIL
SCALE: NOT TO SCALE

N

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CROWN CASTLE
1500 CORPORATE DRIVE
CANONSBURG, PA 15317

VENDOR LOGO & ADDRESS

VERIZON SITE NUMBER:
324504

BU #: **806354**
BRG 123 943084

21 BERKSHIRE RD
NEWTOWN, CT 06482

EXISTING 185'-0" MONOPOLE

ISSUED FOR:

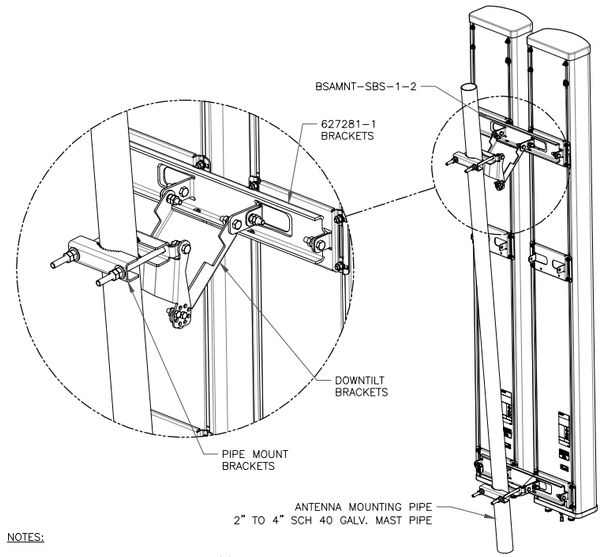
REV	DATE	DRWN	DESCRIPTION	DES./QA
0	05/28/2021	RCD	FINAL	--
1	06/24/21	RCD	FINAL	--
2	07/02/21	PEG	FINAL	--
3	10/04/21	CB	FINAL	--
4	11/10/21	HL	FINAL	--

STATE OF CONNECTICUT
SHUHEI SAKAMOTO
34916
LICENSED PROFESSIONAL ENGINEER

DATE SIGNED: 11/10/2021

SHEET NUMBER: C-3

REVISION: 4



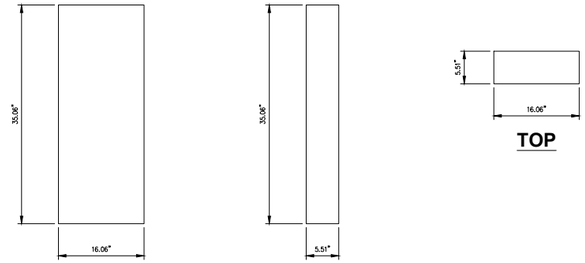
NOTES:

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

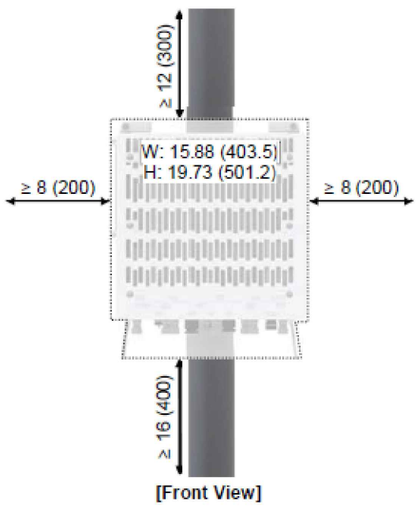
1 COMMSCOPE – BSAMNT-SBS-1-2
SCALE: NOT TO SCALE

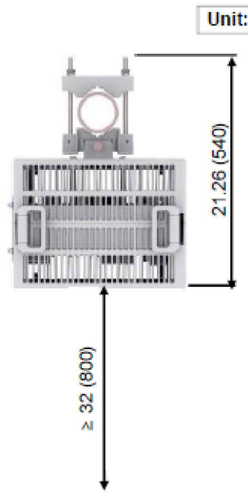
SAMSUNG PANEL ANTENNA (MT6407-77A)

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



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

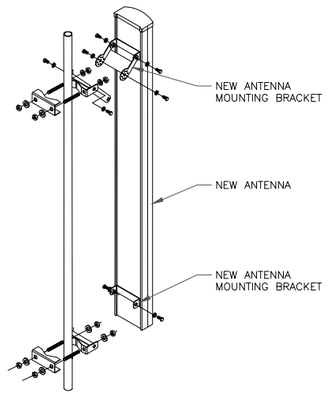




3 SAMSUNG – FPKA BRACKET MOUNTING DETAIL
SCALE: NOT TO SCALE

INSTALLER NOTES:

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



4 ANTENNA MOUNTING DETAIL
SCALE: NOT TO SCALE

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VENDOR LOGO & ADDRESS

VERIZON SITE NUMBER:
324504

BU #: **806354**
BRG 123 943084

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NEWTOWN, CT 06482

EXISTING 185'-0" MONOPOLE

ISSUED FOR:

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3	10/04/21	CB	FINAL	--
4	11/10/21	HL	FINAL	--

STATE OF CONNECTICUT
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DATE SIGNED: 11/10/2021

SHEET NUMBER: C-4
REVISION: 4

Alpha AWS						
Port 1	WHITE					
Port 2	WHITE					
Port 3	WHITE					
Port 4	WHITE					
Alpha PCS						
Port 1	WHITE					
Port 2	WHITE					
Port 3	WHITE					
Port 4	WHITE					
Alpha LTE 700						
Port 1	WHITE					
Port 2	WHITE					
Port 3	WHITE					
Port 4	WHITE					
Alpha 850 LTE						
Port 1	WHITE					
Port 2	WHITE					
Port 3	WHITE					
Port 4	WHITE					
Alpha 850 CDMA						
Port 1	WHITE					
Port 2	WHITE					
Alpha EVDO						
Port 1	WHITE					
Port 2	WHITE					

Beta AWS						
Port 1						
Port 2						
Port 3						
Port 4						
Beta PCS						
Port 1						
Port 2						
Port 3						
Port 4						
Beta LTE 700						
Port 1						
Port 2						
Port 3						
Port 4						
Beta 850 LTE						
Port 1						
Port 2						
Port 3						
Port 4						
Beta 850 CDMA						
Port 1						
Port 2						
Beta EVDO						
Port 1						
Port 2						

GammaAWS						
Port 1						
Port 2						
Port 3						
Port 4						
Gamma PCS						
Port 1						
Port 2						
Port 3						
Port 4						
Gamma LTE 700						
Port 1						
Port 2						
Port 3						
Port 4						
Gamma 850 LTE						
Port 1						
Port 2						
Port 3						
Port 4						
Gamma 850 CDMA						
Port 1						
Port 2						
Gamma EVDO						
Port 1						
Port 2						

GPS 1				
GPS 2				
GPS 3				
GPS 4				

Alpha 850 LTE + 700 LTE									
Port 1	WHITE								
Port 2	WHITE								
Port 3	WHITE								
Port 4	WHITE								
Beta 850 LTE + 700 LTE									
Port 1									
Port 2									
Port 3									
Port 4									
Gamma 850 LTE + 700 LTE									
Port 1									
Port 2									
Port 3									
Port 4									

Alpha 850 NR Fiber	White			Ptouch - Alpha 850 NR
Beta 850 NR Fiber				Ptouch - Beta 850 NR
Gamma 850 NR Fiber				Ptouch - Gamma 850 NR

1 COLOR CODE
SCALE: NOT TO SCALE

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CROWN CASTLE
1500 CORPORATE DRIVE
CANONSBURG, PA 15317

VENDOR LOGO & ADDRESS

VERIZON SITE NUMBER:
324504

BU #: **806354**
BRG 123 943084

21 BERKSHIRE RD
NEWTOWN, CT 06482

EXISTING 185'-0" MONOPOLE

ISSUED FOR:

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2	07/02/21	PEG	FINAL	--
3	10/04/21	CB	FINAL	--
4	11/10/21	HL	FINAL	--

STATE OF CONNECTICUT
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LICENSED PROFESSIONAL ENGINEER

DATE SIGNED: 11/10/2021

SHEET NUMBER: C-5

REVISION: 4

- Port 3 & 4 are for low band (824-894 MHz).
- Port 3,4,5, & 6 are for high band (1695-2360 MHz).
- Antenna Smart Bias Tee (SBT) is through port 1 for low band and port 5 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.

RET DC signal pass for RET (Port that will control RET)

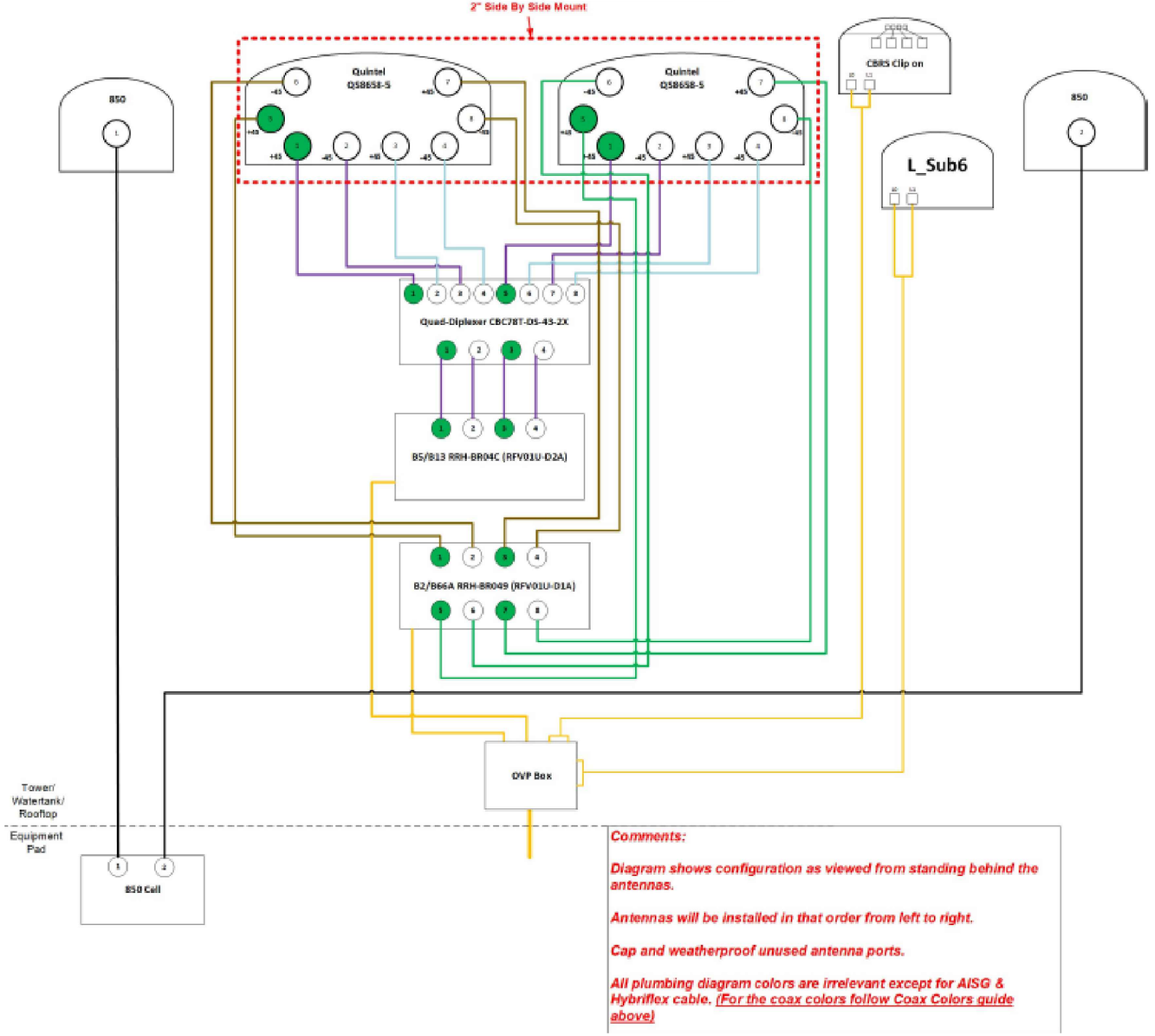
DC signal capable Port

AISG Cable

RET DC signal pass for RET (Port that will control RET)

Hybriflex cables

2" Side By Side Mount



Comments:

Diagram shows configuration as viewed from standing behind the antennas.

Antennas will be installed in that order from left to right.

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

verizon
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CROWN CASTLE
1500 CORPORATE DRIVE
CANONSBURG, PA 15317

VENDOR LOGO & ADDRESS

VERIZON SITE NUMBER:
324504

BU #: **806354**
BRG 123 943084

21 BERKSHIRE RD
NEWTOWN, CT 06482

EXISTING 185'-0" MONOPOLE

ISSUED FOR:

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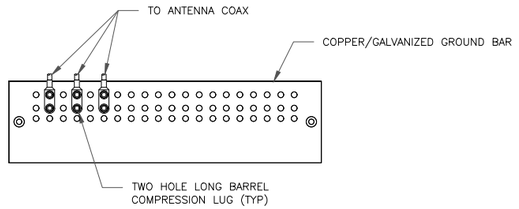
2	07/02/21	PEG	FINAL	--
3	10/04/21	CB	FINAL	--
4	11/10/21	HL	FINAL	--

STATE OF CONNECTICUT
SHUHEI SAKANOUE
34916
LICENSED
PROFESSIONAL ENGINEER

DATE SIGNED: 11/10/2021

SHEET NUMBER: C-6

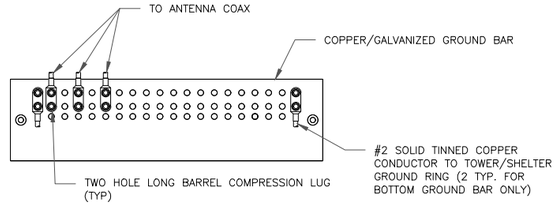
REVISION: 4



NOTES:

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

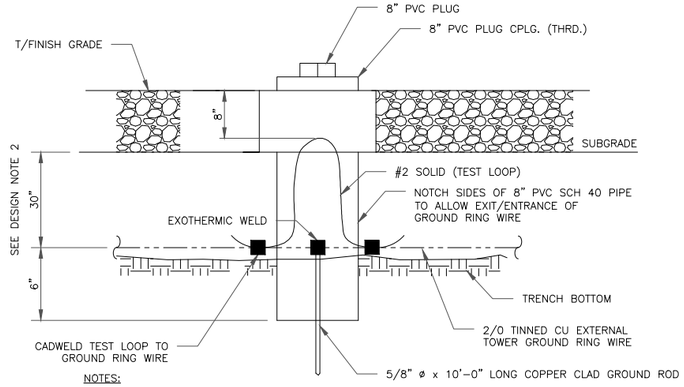
1 ANTENNA SECTOR GROUND BAR DETAIL
SCALE: NOT TO SCALE



NOTES:

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

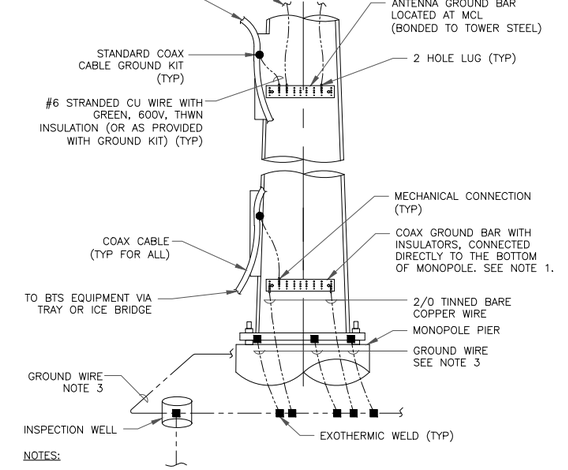
2 TOWER/SHELTER GROUND BAR DETAIL
SCALE: NOT TO SCALE



NOTES:

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

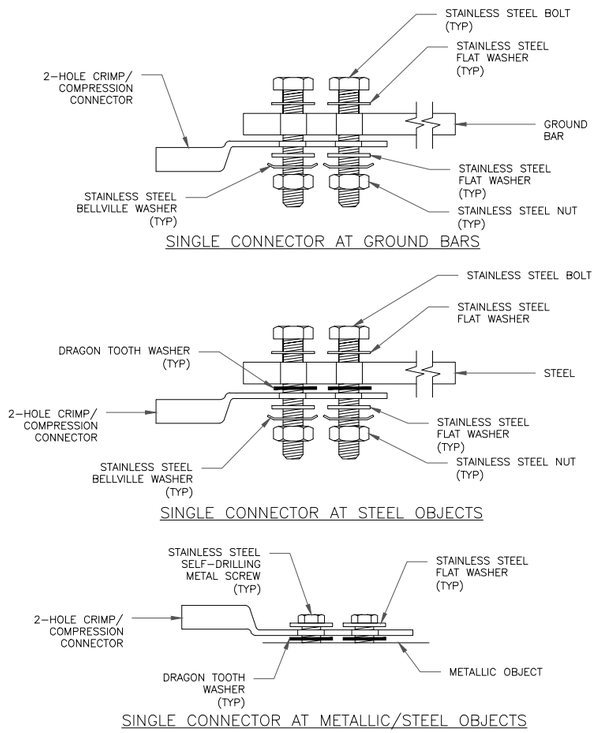
3 INSPECTION WELL DETAIL
SCALE: NOT TO SCALE



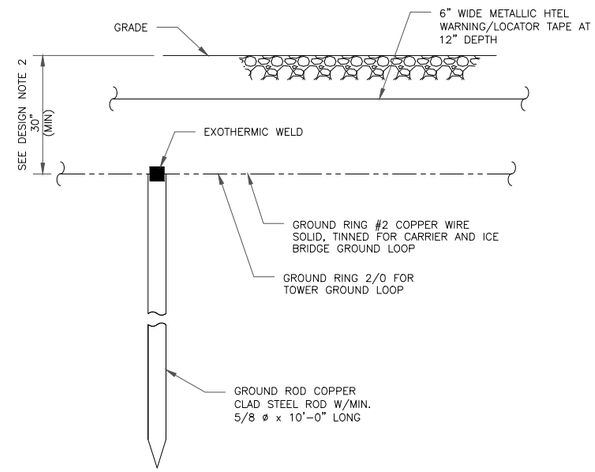
NOTES:

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

4 TYPICAL ANTENNA CABLE GROUNDING
SCALE: NOT TO SCALE



5 HARDWARE DETAIL FOR EXTERIOR CONNECTIONS
SCALE: NOT TO SCALE



NOTES:

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

6 GROUND ROD DETAIL
SCALE: NOT TO SCALE

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BEDMINSTER, NJ 07921

CROWN CASTLE
1500 CORPORATE DRIVE
CANONSBURG, PA 15317

VENDOR LOGO & ADDRESS

VERIZON SITE NUMBER:
324504

BU #: **806354**
BRG 123 943084

21 BERKSHIRE RD
NEWTOWN, CT 06482

EXISTING 185'-0" MONOPOLE

ISSUED FOR:

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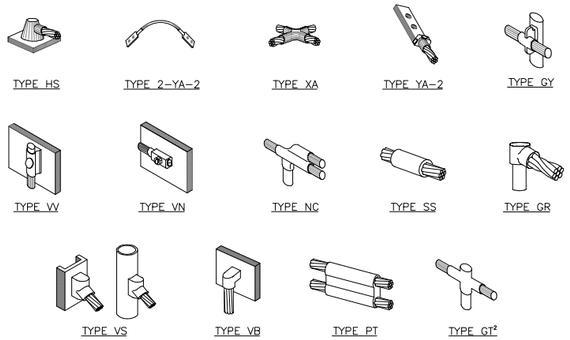
1	06/24/21	RCD	FINAL	--
2	07/02/21	PEG	FINAL	--
3	10/04/21	CB	FINAL	--
4	11/10/21	HL	FINAL	--

STATE OF CONNECTICUT
SHUHEI SAKAMOTO
34916
LICENSED PROFESSIONAL ENGINEER

DATE SIGNED: 11/10/2021

SHEET NUMBER: G-1
REVISION: 4

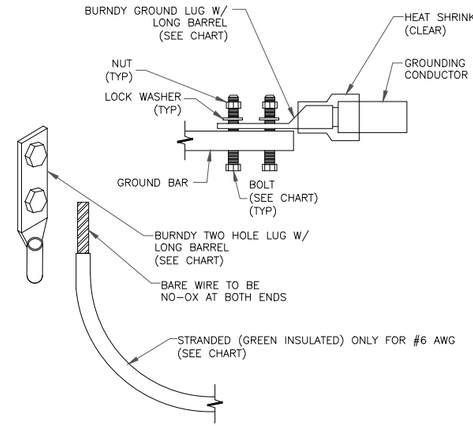


NOTE:

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

1 CADWELD GROUNDING CONNECTIONS
SCALE: NOT TO SCALE

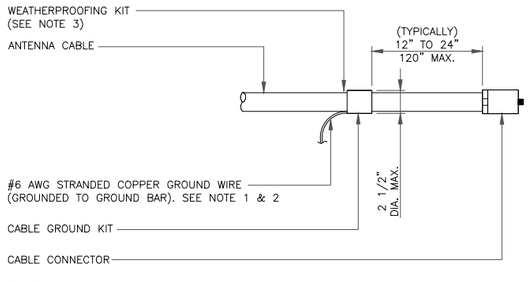
WIRE SIZE	BURNDY LUG	BOLT SIZE
#6 AWG GREEN INSULATED	YA6C-2TC38	3/8" - 16 NC S 2 BOLT
#2 AWG SOLID TINNED	YA3C-2TC38	3/8" - 16 NC S 2 BOLT
#2 AWG STRANDED	YA2C-2TC38	3/8" - 16 NC S 2 BOLT
#2/0 AWG STRANDED	YA26-2TC38	3/8" - 16 NC S 2 BOLT
#4/0 AWG STRANDED	YA28-2N	1/2" - 16 NC S 2 BOLT



NOTES:

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

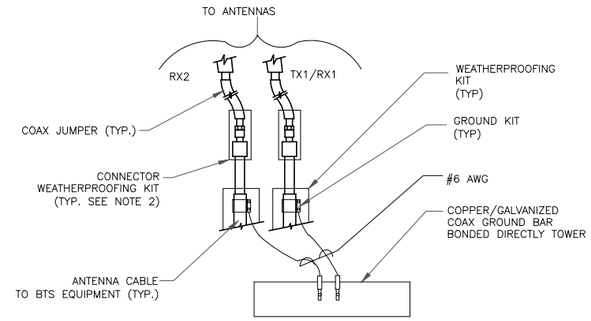
2 MECHANICAL LUG CONNECTION
SCALE: NOT TO SCALE



NOTES:

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

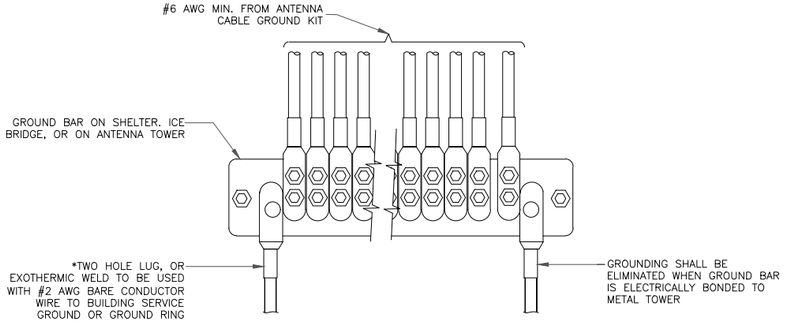
3 CABLE GROUND KIT CONNECTION
SCALE: NOT TO SCALE



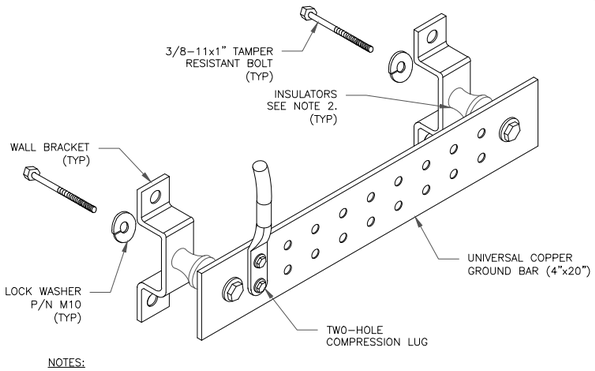
NOTES:

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

4 GROUND CABLE CONNECTION
SCALE: NOT TO SCALE



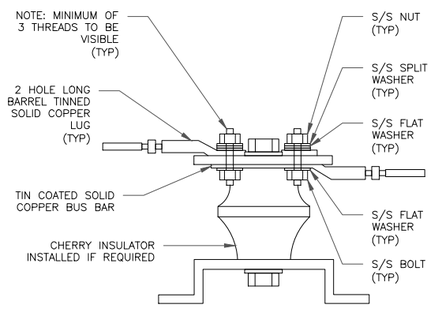
5 GROUNDWIRE INSTALLATION
SCALE: NOT TO SCALE



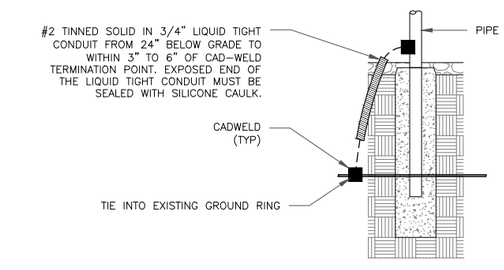
NOTES:

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

6 GROUND BAR DETAIL
SCALE: NOT TO SCALE



7 LUG DETAIL
SCALE: NOT TO SCALE



8 TRANSITIONING GROUND DETAIL
SCALE: NOT TO SCALE

verizon
180 WASHINGTON VALLEY ROAD
BEDMINSTER, NJ 07921

CROWN CASTLE
1500 CORPORATE DRIVE
CANONSBURG, PA 15317

VENDOR LOGO & ADDRESS

VERIZON SITE NUMBER:
324504

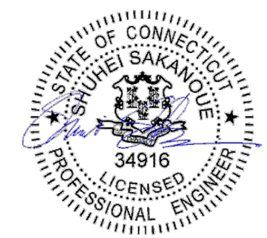
BU #: **806354**
BRG 123 943084

21 BERKSHIRE RD
NEWTOWN, CT 06482

EXISTING 185'-0" MONOPOLE

ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	DES./QA
0	05/28/2021	RCD	FINAL	--
1	06/24/21	RCD	FINAL	--
2	07/02/21	PEG	FINAL	--
3	10/04/21	CB	FINAL	--
4	11/10/21	HL	FINAL	--



DATE SIGNED: 11/10/2021

SHEET NUMBER: G-2
REVISION: 4

Exhibit D

Structural Analysis Report

Date: **March 24, 2022**

MORRISON HERSHFIELD

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:	467643
	Site Name:	Newtown CT
Crown Castle Designation:	**BU Number:**	806354
	Site Name:	BRG 123 943084
	JDE Job Number:	711095
	Work Order Number:	2094206
	Order Number:	610682 Rev. 0
Engineering Firm Designation:	**Morrison Hershfield Project Number:** CN8-757R2 / 2200039	
Site Data:	**21 Berkshire Road Newtown, Newtown, Fairfield County, CT 07921** **Latitude *41° 24' 45.53"*, Longitude *-73° 16' 12.34"*** **185 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 – 96.8%**

This analysis utilizes an ultimate 3-second gust wind speed of 120 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

TABLE OF CONTENTS

1) INTRODUCTION

This tower is a 185 ft Monopole tower designed by Engineered Endeavors, Inc.

The tower was modified per reinforcement drawings prepared by Vertical Structures in February of 2009. Per the post modification inspection completed by Vertical Structures, in June of 2009, these modifications have been properly installed and were considered in this analysis.

2) ANALYSIS CRITERIA

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

Table 1 - Proposed Equipment Configuration

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)
187.0	187.0	3	-	Side-By-Side Mouting Bracket	8	1-5/8
		1	-	Side Arm Mount [SO 103-3]		
		1	-	Miscellaneous [NA 507-1]		
		1	-	Platform Mount [LP 712-1]		
	185.0	6	decibel	DB846F65ZAXY w/ Mount Pipe		
		6	quintel technology	QS8658-5 w/ Mount Pipe		
		3	samsung telecommunications	MT6407-77A w/ Mount Pipe		
		3	samsung telecommunications	XXDWMM-12.5-65-8T-CBRS		
		3	samsung telecommunications	RFV01U-D1A		
		3	samsung telecommunications	RFV01U-D2A		
		6	commscope	CBC78T-DS-43-2X		
		2	raycap	RRFDC-3315-PF-48		

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)
182.0	188.0	1	decibel	ASP-601	1	1/2
	182.0	1	-	Side Arm Mount [SO 104-3]		
175.0	177.0	3	powerwave tech.	7770.00 w/ Mount Pipe	12 6 3 2	1-5/8 5/8 3/8 2C
		3	cci antennas	OPA-65R-LCUU-H6 w/ Mount Pipe		
		3	kmw comm.	EPBQ-654L8H6-L2 w/ Mount Pipe		
		3	ericsson	RRUS 11		
		3	ericsson	RRUS 32		
		3	ericsson	RRUS 32 B2		
		3	ericsson	RRUS 32 B66		
		3	ericsson	RRUS 4478 B14		
		3	cci antennas	DTMABP7819VG12A		
		12	powerwave tech.	7020.00		
	177.0	6	powerwave tech.	LGP21401		
175.0		3	raycap	DC6-48-60-18-8F		
	175.0	1	-	Miscellaneous [NA 507-1]		
		1	-	Platform Mount [LP 712-1]		
165.0	165.0	3	ericsson	AIR6449 B41_T-MOBILE w/ Mount Pipe	3	1-5/8
		3	rfs celwave	APX16DWV-16DWV-S-E-A20 w/ Mount Pipe		
		3	rfs celwave	APXVAALL24_43-U-NA20_TMO		
		3	ericsson	RADIO 4460 B2/B25 B66_TMO		
		3	ericsson	RADIO 4480 B71_TMO		
		3	-	Mount Pipe [#8' Long, P2.0 STD]		
		1	-	Miscellaneous [NA 507-1]		
		1	-	Platform Mount [LP 712-1]		
145.0	148.0	3	ericsson	ERICSSON AIR 21 B2A B4P w/ Mount Pipe	8	1-5/8
		3	ericsson	ERICSSON AIR 21 B4A B2P w/ Mount Pipe		
		3	ericsson	RADIO 4449 B12/B71		
		3	ericsson	KRY 112 144/2		
	145.0	3	rfs celwave	APXVAARR24_43-U-NA20 w/ Mount Pipe		
		3	site pro 1	Support Rail Kit [#F3P-HK-12]		
		1	-	Platform Mount [LP 712-1]		
135.0	135.0	3	jma wireless	MX08FRO665-21 w/ Mount Pipe	1	1-1/2
		3	fujitsu	TA08025-B604		
		3	fujitsu	TA08025-B605		
		1	raycap	RDIDC-9181-PF-48		
		1	-	Commscope MC-PK8-DSH		

3) ANALYSIS PROCEDURE

Table 3 - Documents Provided

Document	Reference	Source
4-GEOTECHNICAL REPORTS	2297011	CCISITES
4-TOWER FOUNDATION DRAWINGS/DESIGN/SPECS	822037	CCISITES
4-TOWER MANUFACTURER DRAWINGS	822035	CCISITES
4-TOWER REINFORCEMENT DESIGN/DRAWINGS/DATA	2381114	CCISITES
4-POST-MODIFICATION INSPECTION	2447231	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	185 - 149.46	Pole	TP36.06x29x0.25	1	-15.66	1696.19	42.1	Pass
L2	149.46 - 114.083	Pole	TP42.46x34.5503x0.3125	2	-29.77	2498.40	70.3	Pass
L3	114.083 - 76.666	Pole	TP49.15x40.6947x0.375	3	-41.63	3470.70	80.3	Pass
L4	76.666 - 38.253	Pole	TP55.9x47.0966x0.4375	4	-57.19	4605.81	80.7	Pass
L5	38.253 - 0	Pole	TP62.5x53.5604x0.5	5	-80.18	6043.85	78.4	Pass
							Summary	
						Pole (L4)	80.7	Pass
						Rating =	80.7	Pass

Table 5 - Tower Component Stresses vs. Capacity – LC7

Notes	Component	Elevation (ft)	% Capacity	Pass / Fail
1	Anchor Rods	0	73.4	Pass
1	Base Plate		85.3	Pass
1	Base Foundation (Structure)	0	77.4	Pass
1	Base Foundation (Soil Interaction)		96.8	Pass

Structure Rating (max from all components) =	96.8%*

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

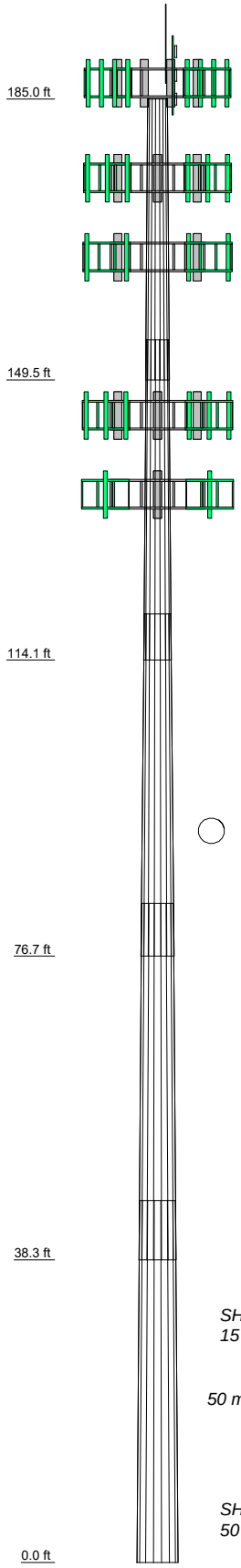
The tower and its foundation have sufficient capacity to carry the proposed load configuration. No modifications are required at this time.

APPENDIX A

TNXTOWER OUTPUT

Section	1	2	3	4	5
Length (ft)	35.54	40.46	43.25	45.08	45.75
Number of Sides	18	18	18	18	18
Thickness (in)	0.2500	0.3125	0.3750	0.4375	0.5000
Socket Length (ft)	5.08	5.83	6.67	7.50	
Top Dia (in)	29.0000	34.5503	40.6947	47.0966	53.5604
Bot Dia (in)	36.0600	42.4600	49.1500	55.9000	62.5000
Grade	A572-65				
Weight (K)	3.1	5.2	7.8	10.9	14.2

41.2



ALL REACTIONS ARE FACTORED

AXIAL 137 K

SHEAR 15 K *MOMENT 2161 kip-ft*

TORQUE 1 kip-ft
50 mph WIND - 1.5000 in ICE

AXIAL 80 K

SHEAR 50 K *MOMENT 6985 kip-ft*

TORQUE 2 kip-ft
REACTIONS - 120 mph WIND

MATERIAL STRENGTH

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

TOWER DESIGN NOTES

1. Tower is located in Fairfield County, Connecticut.
2. Tower designed for Exposure C to the TIA-222-H Standard.
3. Tower designed for a 120 mph basic wind in accordance with the TIA-222-H Standard.
4. Tower is also designed for a 50 mph basic wind with 1.50 in ice. Ice is considered to increase in thickness with height.
5. Deflections are based upon a 60 mph wind.
6. Tower Risk Category II.
7. Topographic Category 1 with Crest Height of 0.00 ft
8. TOWER RATING: 80.7%

Morrison Hershfield
Consulting Engineers
1455 Lincoln Parkway, Suit 500
Atlanta, GA 30346
Phone: (770) 379-8500
FAX: (770) 379-8501

Job: CN8-757R2 / 2200039			
Project: 806354 / BRG 123 943084			
Client: Crown Castle USA	Drawn by: SV	App'd:	
Code: TIA-222-H	Date: 03/28/22	Scale: NTS	
Path: C:\Users\Plumar\Desktop\March-28\CN8-757R2\CN8-757R2 SA\Analysis\CN8-757R2 BU_806354 WO_2094206.eri		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 Fairfield County, Connecticut.
Tower base elevation above sea level: 349.00 ft.
Basic wind speed of 120 mph.
Risk Category II.
Exposure Category C.
Simplified Topographic Factor Procedure for wind speed-up calculations is used.
Topographic Category: 1.
Crest Height: 0.00 ft.
Nominal ice thickness of 1.5000 in.
Ice thickness is considered to increase with height.
Ice density of 56 pcf.
A wind speed of 50 mph is used in combination with ice.
Temperature drop of 50 °F.
Deflections calculated using a wind speed of 60 mph.
A non-linear (P-delta) analysis was used.
Pressures are calculated at each section.
Stress ratio used in pole design is 1.
Tower analysis based on target reliabilities in accordance with Annex S.
Load Modification Factors used: $K_{es}(F_w) = 0.95$, $K_{es}(t_i) = 0.85$.
Maximum demand-capacity ratio is: 1.05.
Local bending stresses due to climbing loads, feed line supports, and appurtenance mounts are not considered.

Options

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

Tapered Pole Section Geometry

Section	Elevation ft	Section Length ft	Splice Length ft	Number of Sides	Top Diameter in	Bottom Diameter in	Wall Thickness in	Bend Radius in	Pole Grade
L1	185.00-149.46	35.54	5.08	18	29.0000	36.0600	0.2500	1.0000	A572-65 (65 ksi)
L2	149.46-114.08	40.46	5.83	18	34.5503	42.4600	0.3125	1.2500	A572-65 (65 ksi)
L3	114.08-76.67	43.25	6.67	18	40.6947	49.1500	0.3750	1.5000	A572-65 (65 ksi)
L4	76.67-38.25	45.08	7.50	18	47.0966	55.9000	0.4375	1.7500	A572-65 (65 ksi)
L5	38.25-0.00	45.75		18	53.5604	62.5000	0.5000	2.0000	A572-65 (65 ksi)

Tapered Pole Properties

Section	Tip Dia. in	Area in^2	I in^4	r in	C in	I/C in^3	J in^4	It/Q in^2	w in	w/t
L1	29.4088	22.8131	2382.3081	10.2063	14.7320	161.7098	4767.7509	11.4087	4.6640	18.656
	36.5777	28.4152	4603.5975	12.7126	18.3185	251.3089	9213.2525	14.2103	5.9066	23.626
L2	36.0441	33.9596	5029.3356	12.1544	17.5515	286.5468	10065.2889	16.9830	5.5308	17.699
	43.0668	41.8051	9382.3116	14.9624	21.5697	434.9769	18776.9687	20.9065	6.9230	22.153
L3	42.4225	47.9905	9856.5916	14.3135	20.6729	476.7881	19726.1527	23.9998	6.5023	17.339
	49.8504	58.0544	17448.8767	17.3151	24.9682	698.8440	34920.7131	29.0327	7.9904	21.308
L4	49.0777	64.7920	17820.9875	16.5640	23.9251	744.8664	35665.4244	32.4022	7.5190	17.186
	56.6949	77.0166	29930.9675	19.6892	28.3972	1054.0112	59901.3189	38.5156	9.0684	20.728
L5	55.7975	84.2068	29951.9601	18.8364	27.2087	1100.8242	59943.3318	42.1114	8.5466	17.093
	63.3870	98.3940	47784.7640	22.0100	31.7500	1505.0319	95632.4044	49.2063	10.1200	20.24

Tower Elevation ft	Gusset Area (per face) ft^2	Gusset Thickness in	Gusset Grade	Adjust. Factor A_f	Adjust. Factor A_r	Weight Mult.	Double Angle Stitch Bolt Spacing Diagonals in	Double Angle Stitch Bolt Spacing Horizontals in	Double Angle Stitch Bolt Spacing Redundants in
L1 185.00-149.46				1	1	1			
L2 149.46-114.08				1	1	1			
L3 114.08-76.67				1	1	1			
L4 76.67-38.25				1	1	1			
L5 38.25-0.00				1	1	1			

Feed Line/Linear Appurtenances - Entered As Round Or Flat

Description	Sector	Exclude From Torque Calculation	Component Type	Placement ft	Total Number	Number Per Row	Start/End Position	Width or Diameter in	Perimeter in	Weight plf
Safety Line 3/8	B	No	Surface Ar (CaAa)	185.00 - 11.00	1	1	-0.450 -0.450	0.3750		0.22
Climbing Pegs	B	No	Surface Ar	185.00 -	1	1	-0.500	0.7050		1.80

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
			(CaAa)	12.00			-0.400			
****										
CR 50 1873PE(1-5/8)	A	No	Surface Ar (CaAa)	175.00 - 8.00	12	12	-0.500 -0.370	1.9800		0.83
WR-VG82ST-BRDA(5/8)	A	No	Surface Ar (CaAa)	175.00 - 8.00	4	2	-0.350 -0.320	0.6450		0.31
****										
HB158-21U6S24-xxM_TMO(1-5/8)	B	No	Surface Ar (CaAa)	165.00 - 8.00	3	3	-0.400 -0.350	1.9960		2.50
MLE HYBRID 9POWER/18FIBER RL 2(1-5/8)	B	No	Surface Ar (CaAa)	145.00 - 4.00	2	2	-0.140 -0.120	1.6250		1.07
****										
****										
CU12PSM9P6XXX(1-1/2)	B	No	Surface Ar (CaAa)	135.00 - 8.00	1	1	-0.330 -0.330	1.6000		2.35
****										

Feed Line/Linear Appurtenances - Entered As Area

Description	Face or Leg	Allow Shield	Exclude From Torque Calculation	Component Type	Placement ft	Total Number		C_AA_A ft^2/ft	Weight plf
Ground Wire (1/2")	C	No	No	Inside Pole	185.00 - 2.00	3	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
****									
HJ7-50A(1-5/8)	A	No	No	Inside Pole	185.00 - 8.00	6	No Ice	0.00	1.04
							1/2" Ice	0.00	1.04
							1" Ice	0.00	1.04
							2" Ice	0.00	1.04
HB158-21U6S12-XXXM-01(1-5/8)	A	No	No	Inside Pole	185.00 - 8.00	2	No Ice	0.00	1.90
							1/2" Ice	0.00	1.90
							1" Ice	0.00	1.90
							2" Ice	0.00	1.90
****									
LDF4P-50A(1/2)	C	No	No	Inside Pole	182.00 - 8.00	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
FB-L98B-002-75000(3/8)	A	No	No	Inside Pole	175.00 - 8.00	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
WR-VG82ST-BRDA(5/8)	A	No	No	Inside Pole	175.00 - 8.00	2	No Ice	0.00	0.31
							1/2" Ice	0.00	0.31
							1" Ice	0.00	0.31
							2" Ice	0.00	0.31
2" Rigid Conduit	A	No	No	Inside Pole	175.00 - 8.00	2	No Ice	0.00	2.80
							1/2" Ice	0.00	2.80
							1" Ice	0.00	2.80
							2" Ice	0.00	2.80
****									
****									
LDF7-50A(1-5/8)	B	No	No	Inside Pole	145.00 - 4.00	6	No Ice	0.00	0.82
							1/2" Ice	0.00	0.82
							1" Ice	0.00	0.82
							2" Ice	0.00	0.82
****									
****									

Feed Line/Linear Appurtenances Section Areas

Tower Section	Tower Elevation ft	Face	A_R ft^2	A_F ft^2	C_AA_A In Face ft^2	C_AA_A Out Face ft^2	Weight K
L1	185.00-149.46	A	0.000	0.000	63.978	0.000	0.81
		B	0.000	0.000	13.144	0.000	0.19
		C	0.000	0.000	0.000	0.000	0.02
L2	149.46-114.08	A	0.000	0.000	88.619	0.000	0.98
		B	0.000	0.000	38.399	0.000	0.60
		C	0.000	0.000	0.000	0.000	0.02
L3	114.08-76.67	A	0.000	0.000	93.730	0.000	1.03
		B	0.000	0.000	44.594	0.000	0.71
		C	0.000	0.000	0.000	0.000	0.02
L4	76.67-38.25	A	0.000	0.000	96.225	0.000	1.06
		B	0.000	0.000	45.781	0.000	0.73
		C	0.000	0.000	0.000	0.000	0.02
L5	38.25-0.00	A	0.000	0.000	75.784	0.000	0.84
		B	0.000	0.000	36.961	0.000	0.59
		C	0.000	0.000	0.000	0.000	0.02

Feed Line/Linear Appurtenances Section Areas - With Ice

Tower Section	Tower Elevation ft	Face or Leg	Ice Thickness in	A_R ft^2	A_F ft^2	C_AA_A In Face ft^2	C_AA_A Out Face ft^2	Weight K
L1	185.00-149.46	A	1.499	0.000	0.000	99.116	0.000	1.85
		B		0.000	0.000	42.606	0.000	0.64
		C		0.000	0.000	0.000	0.000	0.02
L2	149.46-114.08	A	1.464	0.000	0.000	137.292	0.000	2.42
		B		0.000	0.000	98.539	0.000	1.64
		C		0.000	0.000	0.000	0.000	0.02
L3	114.08-76.67	A	1.417	0.000	0.000	144.549	0.000	2.53
		B		0.000	0.000	113.487	0.000	1.89
		C		0.000	0.000	0.000	0.000	0.02
L4	76.67-38.25	A	1.347	0.000	0.000	147.502	0.000	2.54
		B		0.000	0.000	114.539	0.000	1.89
		C		0.000	0.000	0.000	0.000	0.02
L5	38.25-0.00	A	1.209	0.000	0.000	115.112	0.000	1.94
		B		0.000	0.000	88.574	0.000	1.45
		C		0.000	0.000	0.000	0.000	0.02

Feed Line Center of Pressure

Section	Elevation ft	CP_X in	CP_Z in	CP_X Ice in	CP_Z Ice in
L1	185.00-149.46	-6.7577	1.2790	-4.9293	-0.3465
L2	149.46-114.08	-6.5806	-0.1928	-4.1814	-1.8074
L3	114.08-76.67	-6.8542	-0.5176	-4.3089	-2.3028
L4	76.67-38.25	-7.3510	-0.5578	-4.7203	-2.4607
L5	38.25-0.00	-6.6656	-0.5844	-4.4142	-2.2612

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

Shielding Factor Ka

Tower Section	Feed Line Record No.	Description	Feed Line Segment Elev.	K_a No Ice	K_a Ice
L1	1	Safety Line 3/8	149.46 - 185.00	1.0000	1.0000
L1	2	Climbing Pegs	149.46 - 185.00	1.0000	1.0000
L1	12	CR 50 1873PE(1-5/8)	149.46 - 175.00	1.0000	1.0000
L1	15	WR-VG82ST-BRDA(5/8)	149.46 - 175.00	1.0000	1.0000
L1	21	HB158-21U6S24-xxM_TMO(1-5/8)	149.46 - 165.00	1.0000	1.0000
L2	1	Safety Line 3/8	114.08 - 149.46	1.0000	1.0000
L2	2	Climbing Pegs	114.08 - 149.46	1.0000	1.0000
L2	12	CR 50 1873PE(1-5/8)	114.08 - 149.46	1.0000	1.0000
L2	15	WR-VG82ST-BRDA(5/8)	114.08 - 149.46	1.0000	1.0000
L2	21	HB158-21U6S24-xxM_TMO(1-5/8)	114.08 - 149.46	1.0000	1.0000
L2	24	MLE HYBRID 9POWER/18FIBER RL 2(1-5/8)	114.08 - 145.00	1.0000	1.0000
L2	27	CU12PSM9P6XXX(1-1/2)	114.08 - 135.00	1.0000	1.0000
L3	1	Safety Line 3/8	76.67 - 114.08	1.0000	1.0000
L3	2	Climbing Pegs	76.67 - 114.08	1.0000	1.0000
L3	12	CR 50 1873PE(1-5/8)	76.67 - 114.08	1.0000	1.0000
L3	15	WR-VG82ST-BRDA(5/8)	76.67 - 114.08	1.0000	1.0000
L3	21	HB158-21U6S24-xxM_TMO(1-5/8)	76.67 - 114.08	1.0000	1.0000
L3	24	MLE HYBRID 9POWER/18FIBER RL 2(1-5/8)	76.67 - 114.08	1.0000	1.0000
L3	27	CU12PSM9P6XXX(1-1/2)	76.67 - 114.08	1.0000	1.0000
L4	1	Safety Line 3/8	38.25 - 76.67	1.0000	1.0000
L4	2	Climbing Pegs	38.25 - 76.67	1.0000	1.0000
L4	12	CR 50 1873PE(1-5/8)	38.25 - 76.67	1.0000	1.0000
L4	15	WR-VG82ST-BRDA(5/8)	38.25 - 76.67	1.0000	1.0000
L4	21	HB158-21U6S24-xxM_TMO(1-5/8)	38.25 - 76.67	1.0000	1.0000
L4	24	MLE HYBRID 9POWER/18FIBER RL 2(1-5/8)	38.25 - 76.67	1.0000	1.0000
L4	27	CU12PSM9P6XXX(1-1/2)	38.25 - 76.67	1.0000	1.0000
L5	1	Safety Line 3/8	11.00 - 38.25	1.0000	1.0000
L5	2	Climbing Pegs	12.00 - 38.25	1.0000	1.0000
L5	12	CR 50 1873PE(1-5/8)	8.00 - 38.25	1.0000	1.0000
L5	15	WR-VG82ST-BRDA(5/8)	8.00 - 38.25	1.0000	1.0000
L5	21	HB158-21U6S24-xxM_TMO(1-5/8)	8.00 - 38.25	1.0000	1.0000
L5	24	MLE HYBRID 9POWER/18FIBER RL	4.00 - 38.25	1.0000	1.0000

Tower Section	Feed Line Record No.	Description	Feed Line Segment Elev.	K_a No Ice	K_a Ice
L5	27	2(1-5/8) CU12PSM9P6XXX(1-1/2)	8.00 - 38.25	1.0000	1.0000

Discrete Tower Loads

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
Lightning Rod 5/8" x 10'	B	From Leg	0.00 0.00 5.00	0.0000	187.00	No Ice 1/2" Ice 1" Ice 2" Ice	0.63 1.64 2.67 4.78	0.63 1.64 2.67 4.78	0.04 0.05 0.06 0.11
4.5' x 2" Mount Pipe	B	From Leg	0.50 0.00 0.00	0.0000	187.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.02 1.30 1.58 2.17	1.02 1.30 1.58 2.17	0.00 0.01 0.02 0.05
****									
XXDWMM-12.5-65-8T-CBRS	A	From Leg	4.00 0.00 -2.00	0.0000	187.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.01 1.14 1.27 1.57	0.65 0.76 0.88 1.14	0.02 0.03 0.04 0.07
XXDWMM-12.5-65-8T-CBRS	B	From Leg	4.00 0.00 -2.00	0.0000	187.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.01 1.14 1.27 1.57	0.65 0.76 0.88 1.14	0.02 0.03 0.04 0.07
XXDWMM-12.5-65-8T-CBRS	C	From Face	4.00 0.00 -2.00	0.0000	187.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.01 1.14 1.27 1.57	0.65 0.76 0.88 1.14	0.02 0.03 0.04 0.07
(2) QS8658-5 w/ Mount Pipe	A	From Leg	4.00 0.00 -2.00	0.0000	187.00	No Ice 1/2" Ice 1" Ice 2" Ice	5.42 5.92 6.43 7.48	5.62 6.12 6.63 7.69	0.13 0.22 0.33 0.58
(2) QS8658-5 w/ Mount Pipe	B	From Leg	4.00 0.00 -2.00	0.0000	187.00	No Ice 1/2" Ice 1" Ice 2" Ice	5.42 5.92 6.43 7.48	5.62 6.12 6.63 7.69	0.13 0.22 0.33 0.58
(2) QS8658-5 w/ Mount Pipe	C	From Leg	4.00 0.00 -2.00	0.0000	187.00	No Ice 1/2" Ice 1" Ice 2" Ice	5.42 5.92 6.43 7.48	5.62 6.12 6.63 7.69	0.13 0.22 0.33 0.58
DB846F65ZAXY w/ Mount Pipe	A	From Leg	4.00 0.00 -2.00	0.0000	187.00	No Ice 1/2" Ice 1" Ice 2" Ice	6.10 6.80 7.51 8.98	6.81 7.52 8.24 9.73	0.06 0.12 0.19 0.37
DB846F65ZAXY w/ Mount Pipe	B	From Leg	4.00 0.00 -2.00	0.0000	187.00	No Ice 1/2" Ice 1" Ice 2" Ice	6.10 6.80 7.51 8.98	6.81 7.52 8.24 9.73	0.06 0.12 0.19 0.37
(2) DB846F65ZAXY w/ Mount Pipe	C	From Leg	4.00 0.00 -2.00	0.0000	187.00	No Ice 1/2" Ice	6.10 6.80 7.51	6.81 7.52 8.24	0.06 0.12 0.19

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
						1" Ice	8.98	9.73	0.37
						2" Ice			
DB846F65ZAXY w/ Mount Pipe	A	From Face	4.00 0.00 -2.00	0.0000	187.00	No Ice	6.10	6.81	0.06
						1/2" Ice	6.80	7.52	0.12
						1" Ice	7.51	8.24	0.19
						2" Ice	8.98	9.73	0.37
DB846F65ZAXY w/ Mount Pipe	B	From Face	4.00 0.00 -2.00	0.0000	187.00	No Ice	6.10	6.81	0.06
						1/2" Ice	6.80	7.52	0.12
						1" Ice	7.51	8.24	0.19
						2" Ice	8.98	9.73	0.37
CBC78T-DS-43-2X	A	From Leg	4.00 0.00 -2.00	0.0000	187.00	No Ice	0.37	0.51	0.02
						1/2" Ice	0.45	0.60	0.03
						1" Ice	0.53	0.70	0.04
						2" Ice	0.72	0.93	0.06
CBC78T-DS-43-2X	A	From Face	4.00 0.00 -2.00	0.0000	187.00	No Ice	0.37	0.51	0.02
						1/2" Ice	0.45	0.60	0.03
						1" Ice	0.53	0.70	0.04
						2" Ice	0.72	0.93	0.06
CBC78T-DS-43-2X	B	From Leg	4.00 0.00 -2.00	0.0000	187.00	No Ice	0.37	0.51	0.02
						1/2" Ice	0.45	0.60	0.03
						1" Ice	0.53	0.70	0.04
						2" Ice	0.72	0.93	0.06
CBC78T-DS-43-2X	B	From Face	4.00 0.00 -2.00	0.0000	187.00	No Ice	0.37	0.51	0.02
						1/2" Ice	0.45	0.60	0.03
						1" Ice	0.53	0.70	0.04
						2" Ice	0.72	0.93	0.06
CBC78T-DS-43-2X	C	From Leg	4.00 0.00 -2.00	0.0000	187.00	No Ice	0.37	0.51	0.02
						1/2" Ice	0.45	0.60	0.03
						1" Ice	0.53	0.70	0.04
						2" Ice	0.72	0.93	0.06
CBC78T-DS-43-2X	C	From Face	4.00 0.00 -2.00	0.0000	187.00	No Ice	0.37	0.51	0.02
						1/2" Ice	0.45	0.60	0.03
						1" Ice	0.53	0.70	0.04
						2" Ice	0.72	0.93	0.06
RRFDC-3315-PF-48	A	From Leg	4.00 0.00 -2.00	0.0000	187.00	No Ice	3.79	2.51	0.03
						1/2" Ice	4.04	2.73	0.06
						1" Ice	4.30	2.95	0.10
						2" Ice	4.84	3.42	0.18
RRFDC-3315-PF-48	B	From Leg	4.00 0.00 -2.00	0.0000	187.00	No Ice	3.79	2.51	0.03
						1/2" Ice	4.04	2.73	0.06
						1" Ice	4.30	2.95	0.10
						2" Ice	4.84	3.42	0.18
(2) RFV01U-D1A	A	From Leg	4.00 0.00 -2.00	0.0000	187.00	No Ice	1.88	1.25	0.08
						1/2" Ice	2.05	1.39	0.10
						1" Ice	2.22	1.54	0.12
						2" Ice	2.60	1.86	0.18
RFV01U-D1A	C	From Leg	4.00 0.00 -2.00	0.0000	187.00	No Ice	1.88	1.25	0.08
						1/2" Ice	2.05	1.39	0.10
						1" Ice	2.22	1.54	0.12
						2" Ice	2.60	1.86	0.18
RFV01U-D2A	A	From Face	4.00 0.00 -2.00	0.0000	187.00	No Ice	1.88	1.01	0.07
						1/2" Ice	2.05	1.14	0.09
						1" Ice	2.22	1.28	0.11

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
						1" Ice 2" Ice	2.60	1.59	0.15
RFV01U-D2A	C	From Leg	4.00 0.00 -2.00	0.0000	187.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.88 2.05 2.22 2.60	1.01 1.14 1.28 1.59	0.07 0.09 0.11 0.15
RFV01U-D2A	C	From Face	4.00 0.00 -2.00	0.0000	187.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.88 2.05 2.22 2.60	1.01 1.14 1.28 1.59	0.07 0.09 0.11 0.15
8' Ladder	B	From Leg	2.00 0.00 -8.00	0.0000	185.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.53 4.36 7.19 12.86	5.33 8.08 10.83 16.33	0.10 0.11 0.13 0.16
Miscellaneous [NA 507-1]	C	None		0.0000	187.00	No Ice 1/2" Ice 1" Ice 2" Ice	4.56 6.39 8.18 11.66	4.56 6.39 8.18 11.66	0.25 0.31 0.40 0.66
Platform Mount [LP 712-1]	C	None		0.0000	187.00	No Ice 1/2" Ice 1" Ice 2" Ice	24.56 27.92 31.27 37.98	24.56 27.92 31.27 37.98	1.34 1.91 2.55 3.97
Side Arm Mount [SO 103-3]	C	None		0.0000	187.00	No Ice 1/2" Ice 1" Ice 2" Ice	7.64 8.80 10.16 13.36	7.64 8.80 10.16 13.36	0.23 0.36 0.52 0.94
***									
MT6407-77A w/ Mount Pipe	A	From Leg	4.00 0.00 -2.00	0.0000	187.00	No Ice 1/2" Ice 1" Ice 2" Ice	4.91 5.26 5.61 6.36	2.68 3.14 3.62 4.63	0.10 0.14 0.18 0.29
MT6407-77A w/ Mount Pipe	B	From Leg	4.00 0.00 -2.00	0.0000	187.00	No Ice 1/2" Ice 1" Ice 2" Ice	4.91 5.26 5.61 6.36	2.68 3.14 3.62 4.63	0.10 0.14 0.18 0.29
MT6407-77A w/ Mount Pipe	C	From Leg	4.00 0.00 -2.00	0.0000	187.00	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
Side-By-Side Mouting Bracket	A	From Leg	4.00 0.00 0.00	0.0000	187.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.32 1.58 1.84 2.40	1.32 1.58 1.84 2.40	0.07 0.08 0.09 0.13
Side-By-Side Mouting Bracket	B	From Leg	4.00 0.00 0.00	0.0000	187.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.32 1.58 1.84 2.40	1.32 1.58 1.84 2.40	0.07 0.08 0.09 0.13
Side-By-Side Mouting Bracket	C	From Leg	4.00 0.00 0.00	0.0000	187.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.32 1.58 1.84 2.40	1.32 1.58 1.84 2.40	0.07 0.08 0.09 0.13
Mount Reinforcement Specifications	A	None		0.0000	187.00	No Ice 1/2"	28.63 37.31	28.63 37.31	0.28 0.67

Description	Face or Leg	Offset Type	Offsets: Horz Lateral ft Vert ft ft	Azimuth Adjustment ° °	Placement ft ft		C_AA_A Front ft^2 ft^2	C_AA_A Side ft^2 ft^2	Weight K K
						Ice	45.80	45.80	0.94
						1" Ice	62.38	62.38	1.63
						2" Ice			
****									
ASP-601	B	From Leg	1.00 0.00 6.00	0.0000	182.00	No Ice 1/2" Ice 1" Ice 2" Ice	2.34 4.21 6.08 9.83	2.34 4.21 6.08 9.83	0.03 0.04 0.04 0.06
6' x 2" Mount Pipe	B	From Leg	1.00 0.00 6.00	0.0000	182.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.43 1.92 2.29 3.06	1.43 1.92 2.29 3.06	0.02 0.03 0.05 0.09
Side Arm Mount [SO 104-3]	C	None		0.0000	182.00	No Ice 1/2" Ice 1" Ice 2" Ice	2.62 3.30 3.98 5.35	2.62 3.30 3.98 5.35	0.29 0.41 0.53 0.77
****									
7770.00 w/ Mount Pipe	A	From Leg	4.00 0.00 2.00	0.0000	175.00	No Ice 1/2" Ice 1" Ice 2" Ice	5.75 6.18 6.61 7.49	4.25 5.01 5.71 7.16	0.06 0.10 0.16 0.29
7770.00 w/ Mount Pipe	B	From Leg	4.00 0.00 2.00	0.0000	175.00	No Ice 1/2" Ice 1" Ice 2" Ice	5.75 6.18 6.61 7.49	4.25 5.01 5.71 7.16	0.06 0.10 0.16 0.29
7770.00 w/ Mount Pipe	C	From Leg	4.00 0.00 2.00	0.0000	175.00	No Ice 1/2" Ice 1" Ice 2" Ice	5.75 6.18 6.61 7.49	4.25 5.01 5.71 7.16	0.06 0.10 0.16 0.29
EPBQ-654L8H6-L2 w/ Mount Pipe	A	From Leg	4.00 0.00 2.00	0.0000	175.00	No Ice 1/2" Ice 1" Ice 2" Ice	11.09 11.77 12.46 13.88	4.69 5.28 5.89 7.13	0.11 0.19 0.29 0.52
EPBQ-654L8H6-L2 w/ Mount Pipe	B	From Leg	4.00 0.00 2.00	0.0000	175.00	No Ice 1/2" Ice 1" Ice 2" Ice	11.09 11.77 12.46 13.88	4.69 5.28 5.89 7.13	0.11 0.19 0.29 0.52
EPBQ-654L8H6-L2 w/ Mount Pipe	C	From Leg	4.00 0.00 2.00	0.0000	175.00	No Ice 1/2" Ice 1" Ice 2" Ice	11.09 11.77 12.46 13.88	4.69 5.28 5.89 7.13	0.11 0.19 0.29 0.52
OPA-65R-LCUU-H6 w/ Mount Pipe	A	From Leg	4.00 0.00 2.00	0.0000	175.00	No Ice 1/2" Ice 1" Ice 2" Ice	9.19 9.94 10.71 12.30	6.21 6.93 7.66 9.17	0.11 0.18 0.26 0.45
OPA-65R-LCUU-H6 w/ Mount Pipe	B	From Leg	4.00 0.00 2.00	0.0000	175.00	No Ice 1/2" Ice 1" Ice 2" Ice	9.19 9.94 10.71 12.30	6.21 6.93 7.66 9.17	0.11 0.18 0.26 0.45
OPA-65R-LCUU-H6 w/ Mount Pipe	C	From Leg	4.00 0.00 2.00	0.0000	175.00	No Ice 1/2" Ice 1" Ice 2" Ice	9.19 9.94 10.71 12.30	6.21 6.93 7.66 9.17	0.11 0.18 0.26 0.45

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
(2) LGP21401	A	From Leg	4.00 0.00 2.00	0.0000	175.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.10 1.24 1.38 1.69	0.21 0.27 0.35 0.52	0.01 0.02 0.03 0.05
(2) LGP21401	B	From Leg	4.00 0.00 2.00	0.0000	175.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.10 1.24 1.38 1.69	0.21 0.27 0.35 0.52	0.01 0.02 0.03 0.05
(2) LGP21401	C	From Leg	4.00 0.00 2.00	0.0000	175.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.10 1.24 1.38 1.69	0.21 0.27 0.35 0.52	0.01 0.02 0.03 0.05
(4) 7020.00	A	From Leg	4.00 0.00 2.00	0.0000	175.00	No Ice 1/2" Ice 1" Ice 2" Ice	0.10 0.15 0.20 0.33	0.17 0.24 0.31 0.48	0.00 0.01 0.01 0.02
(4) 7020.00	B	From Leg	4.00 0.00 2.00	0.0000	175.00	No Ice 1/2" Ice 1" Ice 2" Ice	0.10 0.15 0.20 0.33	0.17 0.24 0.31 0.48	0.00 0.01 0.01 0.02
(4) 7020.00	C	From Leg	4.00 0.00 2.00	0.0000	175.00	No Ice 1/2" Ice 1" Ice 2" Ice	0.10 0.15 0.20 0.33	0.17 0.24 0.31 0.48	0.00 0.01 0.01 0.02
RRUS 4478 B14	A	From Leg	4.00 0.00 2.00	0.0000	175.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.84 2.01 2.19 2.57	1.06 1.20 1.34 1.66	0.06 0.08 0.09 0.14
RRUS 4478 B14	B	From Leg	4.00 0.00 2.00	0.0000	175.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.84 2.01 2.19 2.57	1.06 1.20 1.34 1.66	0.06 0.08 0.09 0.14
RRUS 4478 B14	C	From Leg	4.00 0.00 2.00	0.0000	175.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.84 2.01 2.19 2.57	1.06 1.20 1.34 1.66	0.06 0.08 0.09 0.14
RRUS 32	A	From Leg	4.00 0.00 2.00	0.0000	175.00	No Ice 1/2" Ice 1" Ice 2" Ice	2.86 3.08 3.32 3.81	1.78 1.97 2.17 2.58	0.06 0.08 0.10 0.16
RRUS 32	B	From Leg	4.00 0.00 2.00	0.0000	175.00	No Ice 1/2" Ice 1" Ice 2" Ice	2.86 3.08 3.32 3.81	1.78 1.97 2.17 2.58	0.06 0.08 0.10 0.16
RRUS 32	C	From Leg	4.00 0.00 2.00	0.0000	175.00	No Ice 1/2" Ice 1" Ice 2" Ice	2.86 3.08 3.32 3.81	1.78 1.97 2.17 2.58	0.06 0.08 0.10 0.16
RRUS 32 B66	A	From Leg	4.00 0.00 2.00	0.0000	175.00	No Ice 1/2" Ice 1" Ice 2" Ice	2.74 2.96 3.19 3.68	1.67 1.86 2.05 2.46	0.05 0.07 0.10 0.16

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
RRUS 32 B66	B	From Leg	4.00 0.00 2.00	0.0000	175.00	No Ice 1/2" Ice 1" Ice 2" Ice	2.74 2.96 3.19 3.68	1.67 1.86 2.05 2.46	0.05 0.07 0.10 0.16
RRUS 32 B66	C	From Leg	4.00 0.00 2.00	0.0000	175.00	No Ice 1/2" Ice 1" Ice 2" Ice	2.74 2.96 3.19 3.68	1.67 1.86 2.05 2.46	0.05 0.07 0.10 0.16
RRUS 11	A	From Leg	4.00 0.00 2.00	0.0000	175.00	No Ice 1/2" Ice 1" Ice 2" Ice	2.78 2.99 3.21 3.66	1.19 1.33 1.49 1.83	0.05 0.07 0.09 0.15
RRUS 11	B	From Leg	4.00 0.00 2.00	0.0000	175.00	No Ice 1/2" Ice 1" Ice 2" Ice	2.78 2.99 3.21 3.66	1.19 1.33 1.49 1.83	0.05 0.07 0.09 0.15
RRUS 11	C	From Leg	4.00 0.00 2.00	0.0000	175.00	No Ice 1/2" Ice 1" Ice 2" Ice	2.78 2.99 3.21 3.66	1.19 1.33 1.49 1.83	0.05 0.07 0.09 0.15
RRUS 32 B2	A	From Leg	4.00 0.00 2.00	0.0000	175.00	No Ice 1/2" Ice 1" Ice 2" Ice	2.73 2.95 3.18 3.66	1.67 1.86 2.05 2.46	0.05 0.07 0.10 0.16
RRUS 32 B2	B	From Leg	4.00 0.00 2.00	0.0000	175.00	No Ice 1/2" Ice 1" Ice 2" Ice	2.73 2.95 3.18 3.66	1.67 1.86 2.05 2.46	0.05 0.07 0.10 0.16
RRUS 32 B2	C	From Leg	4.00 0.00 2.00	0.0000	175.00	No Ice 1/2" Ice 1" Ice 2" Ice	2.73 2.95 3.18 3.66	1.67 1.86 2.05 2.46	0.05 0.07 0.10 0.16
DTMABP7819VG12A	A	From Leg	4.00 0.00 2.00	0.0000	175.00	No Ice 1/2" Ice 1" Ice 2" Ice	0.98 1.10 1.23 1.52	0.34 0.42 0.51 0.71	0.02 0.03 0.04 0.06
DTMABP7819VG12A	B	From Leg	4.00 0.00 2.00	0.0000	175.00	No Ice 1/2" Ice 1" Ice 2" Ice	0.98 1.10 1.23 1.52	0.34 0.42 0.51 0.71	0.02 0.03 0.04 0.06
DTMABP7819VG12A	C	From Leg	4.00 0.00 2.00	0.0000	175.00	No Ice 1/2" Ice 1" Ice 2" Ice	0.98 1.10 1.23 1.52	0.34 0.42 0.51 0.71	0.02 0.03 0.04 0.06
DC6-48-60-18-8F	A	From Leg	4.00 0.00 2.00	0.0000	175.00	No Ice 1/2" Ice 1" Ice 2" Ice	0.92 1.46 1.64 2.04	0.92 1.46 1.64 2.04	0.02 0.04 0.06 0.11
DC6-48-60-18-8F	B	From Leg	4.00 0.00 2.00	0.0000	175.00	No Ice 1/2" Ice 1" Ice 2" Ice	0.92 1.46 1.64 2.04	0.92 1.46 1.64 2.04	0.02 0.04 0.06 0.11

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
DC6-48-60-18-8F	C	From Leg	4.00 0.00 2.00	0.0000	175.00	No Ice 1/2" Ice 1" Ice 2" Ice	0.92 1.46 1.64 2.04	0.92 1.46 1.64 2.04	0.02 0.04 0.06 0.11
(3) 6' x 2" Mount Pipe	A	From Leg	4.00 0.00 1.00	0.0000	175.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.43 1.92 2.29 3.06	1.43 1.92 2.29 3.06	0.02 0.03 0.05 0.09
(3) 6' x 2" Mount Pipe	B	From Leg	4.00 0.00 1.00	0.0000	175.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.43 1.92 2.29 3.06	1.43 1.92 2.29 3.06	0.02 0.03 0.05 0.09
(3) 6' x 2" Mount Pipe	C	From Leg	4.00 0.00 1.00	0.0000	175.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.43 1.92 2.29 3.06	1.43 1.92 2.29 3.06	0.02 0.03 0.05 0.09
8' Ladder	A	From Leg	2.00 0.00 0.00	0.0000	175.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.53 4.36 7.19 12.86	5.33 8.08 10.83 16.33	0.10 0.11 0.13 0.16
Miscellaneous [NA 507-1]	C	None		0.0000	175.00	No Ice 1/2" Ice 1" Ice 2" Ice	4.56 6.39 8.18 11.66	4.56 6.39 8.18 11.66	0.25 0.31 0.40 0.66
Platform Mount [LP 712-1]	C	None		0.0000	175.00	No Ice 1/2" Ice 1" Ice 2" Ice	24.56 27.92 31.27 37.98	24.56 27.92 31.27 37.98	1.34 1.91 2.55 3.97
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8' Ladder	A	From Leg	2.00 0.00 0.00	0.0000	165.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.53 4.36 7.19 12.86	5.33 8.08 10.83 16.33	0.10 0.11 0.13 0.16
Miscellaneous [NA 507-1]	C	None		0.0000	165.00	No Ice 1/2" Ice 1" Ice 2" Ice	4.56 6.39 8.18 11.66	4.56 6.39 8.18 11.66	0.25 0.31 0.40 0.66
Platform Mount [LP 712-1]	C	None		0.0000	165.00	No Ice 1/2" Ice 1" Ice 2" Ice	24.56 27.92 31.27 37.98	24.56 27.92 31.27 37.98	1.34 1.91 2.55 3.97
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AIR6449 B41_T-MOBILE w/ Mount Pipe	A	From Leg	4.00 0.00 0.00	0.0000	165.00	No Ice 1/2" Ice 1" Ice 2" Ice	5.19 5.59 6.02 6.90	2.71 3.04 3.38 4.12	0.13 0.17 0.23 0.35
AIR6449 B41_T-MOBILE w/ Mount Pipe	B	From Leg	4.00 0.00 0.00	0.0000	165.00	No Ice 1/2" Ice 1" Ice 2" Ice	5.19 5.59 6.02 6.90	2.71 3.04 3.38 4.12	0.13 0.17 0.23 0.35
AIR6449 B41_T-MOBILE w/ Mount Pipe	C	From Leg	4.00 0.00	0.0000	165.00	No Ice 1/2"	5.19 5.59	2.71 3.04	0.13 0.17

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
			0.00			Ice	6.02	3.38	0.23
						1" Ice	6.90	4.12	0.35
						2" Ice			
APX16DWV-16DWV-S-E-A20 w/ Mount Pipe	A	From Leg	4.00 0.00 0.00	0.0000	165.00	No Ice 1/2" Ice 1" Ice 2" Ice	6.29 6.86 7.45 8.68	2.76 3.27 3.79 4.90	0.06 0.11 0.16 0.29
APX16DWV-16DWV-S-E-A20 w/ Mount Pipe	B	From Leg	4.00 0.00 0.00	0.0000	165.00	No Ice 1/2" Ice 1" Ice 2" Ice	6.29 6.86 7.45 8.68	2.76 3.27 3.79 4.90	0.06 0.11 0.16 0.29
APX16DWV-16DWV-S-E-A20 w/ Mount Pipe	C	From Leg	4.00 0.00 0.00	0.0000	165.00	No Ice 1/2" Ice 1" Ice 2" Ice	6.29 6.86 7.45 8.68	2.76 3.27 3.79 4.90	0.06 0.11 0.16 0.29
APXVAALL24_43-U-NA20_TMO	A	From Leg	4.00 0.00 0.00	0.0000	165.00	No Ice 1/2" Ice 1" Ice 2" Ice	14.67 15.43 16.21 17.81	5.32 5.99 6.68 8.08	0.15 0.26 0.38 0.65
APXVAALL24_43-U-NA20_TMO	B	From Leg	4.00 0.00 0.00	0.0000	165.00	No Ice 1/2" Ice 1" Ice 2" Ice	14.67 15.43 16.21 17.81	5.32 5.99 6.68 8.08	0.15 0.26 0.38 0.65
APXVAALL24_43-U-NA20_TMO	C	From Leg	4.00 0.00 0.00	0.0000	165.00	No Ice 1/2" Ice 1" Ice 2" Ice	14.67 15.43 16.21 17.81	5.32 5.99 6.68 8.08	0.15 0.26 0.38 0.65
RADIO 4460 B2/B25 B66_TMO	A	From Leg	4.00 0.00 0.00	0.0000	165.00	No Ice 1/2" Ice 1" Ice 2" Ice	2.14 2.32 2.51 2.91	1.69 1.85 2.02 2.39	0.11 0.13 0.16 0.22
RADIO 4460 B2/B25 B66_TMO	B	From Leg	4.00 0.00 0.00	0.0000	165.00	No Ice 1/2" Ice 1" Ice 2" Ice	2.14 2.32 2.51 2.91	1.69 1.85 2.02 2.39	0.11 0.13 0.16 0.22
RADIO 4460 B2/B25 B66_TMO	C	From Leg	4.00 0.00 0.00	0.0000	165.00	No Ice 1/2" Ice 1" Ice 2" Ice	2.14 2.32 2.51 2.91	1.69 1.85 2.02 2.39	0.11 0.13 0.16 0.22
RADIO 4480 B71_TMO	A	From Leg	4.00 0.00 0.00	0.0000	165.00	No Ice 1/2" Ice 1" Ice 2" Ice	2.85 3.06 3.28 3.74	1.38 1.54 1.71 2.07	0.09 0.11 0.14 0.20
RADIO 4480 B71_TMO	B	From Leg	4.00 0.00 0.00	0.0000	165.00	No Ice 1/2" Ice 1" Ice 2" Ice	2.85 3.06 3.28 3.74	1.38 1.54 1.71 2.07	0.09 0.11 0.14 0.20
RADIO 4480 B71_TMO	C	From Leg	4.00 0.00 0.00	0.0000	165.00	No Ice 1/2" Ice 1" Ice 2" Ice	2.85 3.06 3.28 3.74	1.38 1.54 1.71 2.07	0.09 0.11 0.14 0.20
Mount Pipe [#8' Long, P2.0 STD]	A	From Leg	4.00 0.00	0.0000	165.00	No Ice 1/2"	1.90 2.73	1.90 2.73	0.03 0.04

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
			0.00			Ice	3.40	3.40	0.06
						1" Ice	4.40	4.40	0.12
						2" Ice			
Mount Pipe [#8' Long, P2.0 STD]	B	From Leg	4.00	0.0000	165.00	No Ice	1.90	1.90	0.03
			0.00			1/2"	2.73	2.73	0.04
			0.00			Ice	3.40	3.40	0.06
						1" Ice	4.40	4.40	0.12
						2" Ice			
Mount Pipe [#8' Long, P2.0 STD]	C	From Leg	4.00	0.0000	165.00	No Ice	1.90	1.90	0.03
			0.00			1/2"	2.73	2.73	0.04
			0.00			Ice	3.40	3.40	0.06
						1" Ice	4.40	4.40	0.12
						2" Ice			
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ERICSSON AIR 21 B4A B2P w/ Mount Pipe	A	From Leg	4.00	0.0000	145.00	No Ice	3.14	2.59	0.11
			0.00			1/2"	3.45	2.88	0.16
			3.00			Ice	3.77	3.19	0.22
						1" Ice	4.43	3.84	0.37
						2" Ice			
ERICSSON AIR 21 B4A B2P w/ Mount Pipe	B	From Leg	4.00	0.0000	145.00	No Ice	3.14	2.59	0.11
			0.00			1/2"	3.45	2.88	0.16
			3.00			Ice	3.77	3.19	0.22
						1" Ice	4.43	3.84	0.37
						2" Ice			
ERICSSON AIR 21 B4A B2P w/ Mount Pipe	C	From Leg	4.00	0.0000	145.00	No Ice	3.14	2.59	0.11
			0.00			1/2"	3.45	2.88	0.16
			3.00			Ice	3.77	3.19	0.22
						1" Ice	4.43	3.84	0.37
						2" Ice			
ERICSSON AIR 21 B2A B4P w/ Mount Pipe	A	From Leg	4.00	0.0000	145.00	No Ice	3.14	2.59	0.11
			0.00			1/2"	3.45	2.88	0.16
			3.00			Ice	3.77	3.19	0.23
						1" Ice	4.43	3.84	0.38
						2" Ice			
ERICSSON AIR 21 B2A B4P w/ Mount Pipe	B	From Leg	4.00	0.0000	145.00	No Ice	3.14	2.59	0.11
			0.00			1/2"	3.45	2.88	0.16
			3.00			Ice	3.77	3.19	0.23
						1" Ice	4.43	3.84	0.38
						2" Ice			
ERICSSON AIR 21 B2A B4P w/ Mount Pipe	C	From Leg	4.00	0.0000	145.00	No Ice	3.14	2.59	0.11
			0.00			1/2"	3.45	2.88	0.16
			3.00			Ice	3.77	3.19	0.23
						1" Ice	4.43	3.84	0.38
						2" Ice			
KRY 112 144/2	A	From Leg	4.00	0.0000	145.00	No Ice	0.48	0.23	0.01
			0.00			1/2"	0.57	0.30	0.01
			3.00			Ice	0.66	0.38	0.02
						1" Ice	0.88	0.55	0.04
						2" Ice			
KRY 112 144/2	B	From Leg	4.00	0.0000	145.00	No Ice	0.48	0.23	0.01
			0.00			1/2"	0.57	0.30	0.01
			3.00			Ice	0.66	0.38	0.02
						1" Ice	0.88	0.55	0.04
						2" Ice			
KRY 112 144/2	C	From Leg	4.00	0.0000	145.00	No Ice	0.48	0.23	0.01
			0.00			1/2"	0.57	0.30	0.01
			3.00			Ice	0.66	0.38	0.02
						1" Ice	0.88	0.55	0.04
						2" Ice			
8' Ladder	A	From Leg	2.00	0.0000	145.00	No Ice	1.53	5.33	0.10
			0.00			1/2"	4.36	8.08	0.11
			0.00			Ice	7.19	10.83	0.13
						1" Ice	12.86	16.33	0.16
						2" Ice			
Platform Mount [LP 712-1]	C	None		0.0000	145.00	No Ice	24.56	24.56	1.34

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
						1/2" Ice	27.92	27.92	1.91
						1" Ice	31.27	31.27	2.55
						2" Ice	37.98	37.98	3.97
****									
APXVAARR24_43-U-NA20 w/ Mount Pipe	A	From Leg	4.00 0.00 0.00	0.0000	145.00	No Ice 1/2" Ice 1" Ice 2" Ice	14.69 15.46 16.23 17.82	6.87 7.55 8.25 9.67	0.19 0.31 0.46 0.79
APXVAARR24_43-U-NA20 w/ Mount Pipe	B	From Leg	4.00 0.00 0.00	0.0000	145.00	No Ice 1/2" Ice 1" Ice 2" Ice	14.69 15.46 16.23 17.82	6.87 7.55 8.25 9.67	0.19 0.31 0.46 0.79
APXVAARR24_43-U-NA20 w/ Mount Pipe	C	From Leg	4.00 0.00 0.00	0.0000	145.00	No Ice 1/2" Ice 1" Ice 2" Ice	14.69 15.46 16.23 17.82	6.87 7.55 8.25 9.67	0.19 0.31 0.46 0.79
RADIO 4449 B12/B71	A	From Leg	4.00 0.00 3.00	0.0000	145.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.65 1.81 1.98 2.34	1.16 1.30 1.45 1.76	0.07 0.09 0.11 0.16
RADIO 4449 B12/B71	B	From Leg	4.00 0.00 3.00	0.0000	145.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.65 1.81 1.98 2.34	1.16 1.30 1.45 1.76	0.07 0.09 0.11 0.16
RADIO 4449 B12/B71	C	From Leg	4.00 0.00 3.00	0.0000	145.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.65 1.81 1.98 2.34	1.16 1.30 1.45 1.76	0.07 0.09 0.11 0.16
Support Rail Kit [#F3P-HK-12]	A	From Leg	4.00 0.00 0.00	0.0000	145.00	No Ice 1/2" Ice 1" Ice 2" Ice	3.60 4.83 6.08 8.02	0.02 0.07 0.13 0.28	0.07 0.10 0.13 0.22
Support Rail Kit [#F3P-HK-12]	B	From Leg	4.00 0.00 0.00	0.0000	145.00	No Ice 1/2" Ice 1" Ice 2" Ice	3.60 4.83 6.08 8.02	0.02 0.07 0.13 0.28	0.07 0.10 0.13 0.22
Support Rail Kit [#F3P-HK-12]	C	From Leg	4.00 0.00 0.00	0.0000	145.00	No Ice 1/2" Ice 1" Ice 2" Ice	3.60 4.83 6.08 8.02	0.02 0.07 0.13 0.28	0.07 0.10 0.13 0.22
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MX08FRO665-21 w/ Mount Pipe	A	From Leg	4.00 0.00 0.00	0.0000	135.00	No Ice 1/2" Ice 1" Ice 2" Ice	8.01 8.52 9.04 10.11	4.23 4.69 5.16 6.12	0.11 0.19 0.29 0.52
MX08FRO665-21 w/ Mount Pipe	B	From Leg	4.00 0.00 0.00	0.0000	135.00	No Ice 1/2" Ice 1" Ice 2" Ice	8.01 8.52 9.04 10.11	4.23 4.69 5.16 6.12	0.11 0.19 0.29 0.52
MX08FRO665-21 w/ Mount Pipe	C	From Leg	4.00 0.00 0.00	0.0000	135.00	No Ice 1/2" Ice 1" Ice	8.01 8.52 9.04 10.11	4.23 4.69 5.16 6.12	0.11 0.19 0.29 0.52

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
						2" Ice			
TA08025-B604	A	From Leg	4.00 0.00 0.00	0.0000	135.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.96 2.14 2.32 2.71	0.98 1.11 1.25 1.55	0.06 0.08 0.10 0.15
TA08025-B604	B	From Leg	4.00 0.00 0.00	0.0000	135.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.96 2.14 2.32 2.71	0.98 1.11 1.25 1.55	0.06 0.08 0.10 0.15
TA08025-B604	C	From Leg	4.00 0.00 0.00	0.0000	135.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.96 2.14 2.32 2.71	0.98 1.11 1.25 1.55	0.06 0.08 0.10 0.15
TA08025-B605	A	From Leg	4.00 0.00 0.00	0.0000	135.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.96 2.14 2.32 2.71	1.13 1.27 1.41 1.72	0.08 0.09 0.11 0.16
TA08025-B605	B	From Leg	4.00 0.00 0.00	0.0000	135.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.96 2.14 2.32 2.71	1.13 1.27 1.41 1.72	0.08 0.09 0.11 0.16
TA08025-B605	C	From Leg	4.00 0.00 0.00	0.0000	135.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.96 2.14 2.32 2.71	1.13 1.27 1.41 1.72	0.08 0.09 0.11 0.16
RDIDC-9181-PF-48	B	From Leg	4.00 0.00 0.00	0.0000	135.00	No Ice 1/2" Ice 1" Ice 2" Ice	2.01 2.19 2.37 2.76	1.17 1.31 1.46 1.78	0.02 0.04 0.06 0.11
(2) 8' x 2" Mount Pipe	A	From Leg	4.00 0.00 0.00	0.0000	135.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.90 2.73 3.40 4.40	1.90 2.73 3.40 4.40	0.03 0.04 0.06 0.12
(2) 8' x 2" Mount Pipe	B	From Leg	4.00 0.00 0.00	0.0000	135.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.90 2.73 3.40 4.40	1.90 2.73 3.40 4.40	0.03 0.04 0.06 0.12
(2) 8' x 2" Mount Pipe	C	From Leg	4.00 0.00 0.00	0.0000	135.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.90 2.73 3.40 4.40	1.90 2.73 3.40 4.40	0.03 0.04 0.06 0.12
Commscope MC-PK8-DSH	C	None		0.0000	135.00	No Ice 1/2" Ice 1" Ice 2" Ice	34.24 62.95 91.66 149.08	34.24 62.95 91.66 149.08	1.75 2.10 2.45 3.15
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GPS_A	C	From Face	3.00 0.00 1.00	0.0000	110.00	No Ice 1/2" Ice 1" Ice 2" Ice	0.26 0.32 0.39 0.56	0.26 0.32 0.39 0.56	0.00 0.00 0.01 0.02
2.4" Dia x 18" Pipe	C	From Face	3.00 0.00 0.00	0.0000	110.00	No Ice 1/2" Ice Ice	0.24 0.34 0.46	0.24 0.34 0.46	0.01 0.01 0.01

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
						1" Ice	0.70	0.70	0.03
						2" Ice			
Side Arm Mount [SO 701-1]	C	From Face	1.50 0.00 0.00	0.0000	110.00	No Ice 1/2" Ice 1" Ice 2" Ice	0.85 1.14 1.43 2.01	1.67 2.34 3.01 4.35	0.07 0.08 0.09 0.12
******									
GPS_A	C	From Leg	3.00 0.00 1.00	0.0000	108.00	No Ice 1/2" Ice 1" Ice 2" Ice	0.26 0.32 0.39 0.56	0.26 0.32 0.39 0.56	0.00 0.00 0.01 0.02
2.4" Dia x 18" Pipe	C	From Leg	3.00 0.00 0.00	0.0000	108.00	No Ice 1/2" Ice 1" Ice 2" Ice	0.24 0.34 0.46 0.70	0.24 0.34 0.46 0.70	0.01 0.01 0.01 0.03
Side Arm Mount [SO 701-1]	C	From Leg	1.50 0.00 0.00	0.0000	108.00	No Ice 1/2" Ice 1" Ice 2" Ice	0.85 1.14 1.43 2.01	1.67 2.34 3.01 4.35	0.07 0.08 0.09 0.12
******									
GPS_A	C	From Face	3.00 0.00 1.00	0.0000	52.00	No Ice 1/2" Ice 1" Ice 2" Ice	0.26 0.32 0.39 0.56	0.26 0.32 0.39 0.56	0.00 0.00 0.01 0.02
2.4" Dia x 18" Pipe	C	From Face	3.00 0.00 0.00	0.0000	52.00	No Ice 1/2" Ice 1" Ice 2" Ice	0.24 0.34 0.46 0.70	0.24 0.34 0.46 0.70	0.01 0.01 0.01 0.03
Side Arm Mount [SO 701-1]	C	From Face	1.50 0.00 0.00	0.0000	52.00	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
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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

Comb. No.	Description
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	185 - 149.46	Pole	Max Tension	42	0.00	0.00	-0.00
			Max. Compression	26	-42.32	2.54	3.89
			Max. Mx	20	-15.64	560.08	0.35
			Max. My	2	-15.67	-0.02	561.07
			Max. Vy	20	-25.32	560.08	0.35
			Max. Vx	2	-25.17	-0.02	561.07
			Max. Torque	20			-2.44
L2	149.46 - 114.083	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-69.64	2.94	7.71
			Max. Mx	20	-29.77	1675.47	-0.02
			Max. My	2	-29.83	-1.76	1667.37
			Max. Vy	20	-37.38	1675.47	-0.02
			Max. Vx	2	-37.02	-1.76	1667.37
			Max. Torque	21			-3.34
L3	114.083 - 76.666	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-86.83	4.02	11.19
			Max. Mx	20	-41.63	3129.21	-0.20
			Max. My	2	-41.67	-2.70	3107.75
			Max. Vy	20	-41.87	3129.21	-0.20
			Max. Vx	2	-41.48	-2.70	3107.75
			Max. Torque	21			-3.21
L4	76.666 - 38.253	Pole	Max Tension	1	0.00	0.00	0.00

Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial K	Major Axis Moment kip-ft	Minor Axis Moment kip-ft
			Max. Compression	26	-107.89	4.55	15.23
			Max. Mx	20	-57.19	4784.13	0.04
			Max. My	2	-57.21	-3.72	4749.25
			Max. Vy	20	-46.05	4784.13	0.04
			Max. Vx	2	-45.64	-3.72	4749.25
			Max. Torque	20			-2.66
L5	38.253 - 0	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-136.68	4.95	19.66
			Max. Mx	20	-80.18	6985.49	0.55
			Max. My	2	-80.18	-4.91	6933.68
			Max. Vy	20	-49.76	6985.49	0.55
			Max. Vx	2	-49.36	-4.91	6933.68
			Max. Torque	20			-2.31

Maximum Reactions

Location	Condition	Gov. Load Comb.	Vertical K	Horizontal, X K	Horizontal, Z K
Pole	Max. Vert	27	136.68	0.00	14.43
	Max. H_x	20	80.22	49.70	-0.02
	Max. H_z	3	60.16	-0.02	49.31
	Max. M_x	2	6933.68	-0.02	49.31
	Max. M_z	8	6984.86	-49.70	0.02
	Max. Torsion	8	2.14	-49.70	0.02
	Min. Vert	5	60.16	-24.87	42.71
	Min. H_x	8	80.22	-49.70	0.02
	Min. H_z	15	60.16	0.02	-49.31
	Min. M_x	14	-6922.10	0.02	-49.31
	Min. M_z	20	-6985.49	49.70	-0.02
	Min. Torsion	20	-2.31	49.70	-0.02

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	66.85	0.00	-0.00	-4.61	0.23	-0.00
1.2 Dead+1.0 Wind 0 deg - No Ice	80.22	0.02	-49.31	-6933.68	-4.91	-0.48
0.9 Dead+1.0 Wind 0 deg - No Ice	60.16	0.02	-49.31	-6827.84	-4.90	-0.45
1.2 Dead+1.0 Wind 30 deg - No Ice	80.22	24.87	-42.71	-6008.05	-3496.89	-1.45
0.9 Dead+1.0 Wind 30 deg - No Ice	60.16	24.87	-42.71	-5916.17	-3444.35	-1.43
1.2 Dead+1.0 Wind 60 deg - No Ice	80.22	43.06	-24.67	-3474.15	-6051.67	-2.04
0.9 Dead+1.0 Wind 60 deg - No Ice	60.16	43.06	-24.67	-3420.40	-5960.71	-2.02
1.2 Dead+1.0 Wind 90 deg - No Ice	80.22	49.70	-0.02	-11.02	-6984.86	-2.14
0.9 Dead+1.0 Wind 90 deg - No Ice	60.16	49.70	-0.02	-9.39	-6879.88	-2.13
1.2 Dead+1.0 Wind 120 deg - No Ice	80.22	43.04	24.64	3453.55	-6046.49	-1.73
0.9 Dead+1.0 Wind 120 deg - No Ice	60.16	43.04	24.64	3403.03	-5955.63	-1.74
1.2 Dead+1.0 Wind 150 deg - No Ice	80.22	24.84	42.69	5991.30	-3487.85	-0.86
0.9 Dead+1.0 Wind 150 deg	60.16	24.84	42.69	5902.57	-3435.49	-0.88

Load Combination	Vertical	$Shear_x$	$Shear_z$	Overturning Moment, M_x	Overturning Moment, M_z	Torque
	K	K	K	kip-ft	kip-ft	kip-ft
- No Ice 1.2 Dead+1.0 Wind 180 deg	80.22	-0.02	49.31	6922.10	5.56	0.30
- No Ice 0.9 Dead+1.0 Wind 180 deg	60.16	-0.02	49.31	6819.31	5.36	0.28
- No Ice 1.2 Dead+1.0 Wind 210 deg	80.22	-24.87	42.71	5996.47	3497.52	1.45
- No Ice 0.9 Dead+1.0 Wind 210 deg	60.16	-24.87	42.71	5907.64	3444.79	1.42
- No Ice 1.2 Dead+1.0 Wind 240 deg	80.22	-43.06	24.67	3462.58	6052.31	2.20
- No Ice 0.9 Dead+1.0 Wind 240 deg	60.16	-43.06	24.67	3411.88	5961.16	2.19
- No Ice 1.2 Dead+1.0 Wind 270 deg	80.22	-49.70	0.02	-0.55	6985.49	2.31
- No Ice 0.9 Dead+1.0 Wind 270 deg	60.16	-49.70	0.02	0.87	6880.33	2.30
- No Ice 1.2 Dead+1.0 Wind 300 deg	80.22	-43.04	-24.64	-3465.12	6047.14	1.73
- No Ice 0.9 Dead+1.0 Wind 300 deg	60.16	-43.04	-24.64	-3411.54	5956.09	1.74
- No Ice 1.2 Dead+1.0 Wind 330 deg	80.22	-24.84	-42.69	-6002.88	3488.50	0.69
- No Ice 0.9 Dead+1.0 Wind 330 deg	60.16	-24.84	-42.69	-5911.09	3435.95	0.71
- No Ice 1.2 Dead+1.0 Ice+1.0 Temp	136.68	-0.00	-0.00	-19.66	4.95	-0.00
1.2 Dead+1.0 Wind 0 deg+1.0 Ice+1.0 Temp	136.68	-0.00	-14.43	-2158.81	4.81	0.11
1.2 Dead+1.0 Wind 30 deg+1.0 Ice+1.0 Temp	136.68	7.25	-12.50	-1872.37	-1069.67	-0.32
1.2 Dead+1.0 Wind 60 deg+1.0 Ice+1.0 Temp	136.68	12.56	-7.21	-1089.56	-1856.18	-0.66
1.2 Dead+1.0 Wind 90 deg+1.0 Ice+1.0 Temp	136.68	14.50	0.00	-20.15	-2143.99	-0.83
1.2 Dead+1.0 Wind 120 deg+1.0 Ice+1.0 Temp	136.68	12.56	7.22	1049.32	-1855.96	-0.78
1.2 Dead+1.0 Wind 150 deg+1.0 Ice+1.0 Temp	136.68	7.25	12.50	1832.28	-1069.28	-0.52
1.2 Dead+1.0 Wind 180 deg+1.0 Ice+1.0 Temp	136.68	0.00	14.43	2118.95	5.25	-0.12
1.2 Dead+1.0 Wind 210 deg+1.0 Ice+1.0 Temp	136.68	-7.25	12.50	1832.50	1079.73	0.32
1.2 Dead+1.0 Wind 240 deg+1.0 Ice+1.0 Temp	136.68	-12.56	7.21	1049.70	1866.24	0.67
1.2 Dead+1.0 Wind 270 deg+1.0 Ice+1.0 Temp	136.68	-14.50	-0.00	-19.71	2154.03	0.84
1.2 Dead+1.0 Wind 300 deg+1.0 Ice+1.0 Temp	136.68	-12.56	-7.22	-1089.17	1866.01	0.78
1.2 Dead+1.0 Wind 330 deg+1.0 Ice+1.0 Temp	136.68	-7.25	-12.50	-1872.14	1079.34	0.51
Dead+Wind 0 deg - Service	66.85	0.00	-11.61	-1623.82	-0.96	-0.09
Dead+Wind 30 deg - Service	66.85	5.86	-10.06	-1407.54	-817.03	-0.34
Dead+Wind 60 deg - Service	66.85	10.14	-5.81	-815.38	-1414.11	-0.50
Dead+Wind 90 deg - Service	66.85	11.71	-0.00	-6.04	-1632.19	-0.53
Dead+Wind 120 deg - Service	66.85	10.14	5.80	803.64	-1412.89	-0.42
Dead+Wind 150 deg - Service	66.85	5.85	10.05	1396.69	-814.92	-0.19
Dead+Wind 180 deg - Service	66.85	-0.00	11.61	1614.19	1.48	0.08
Dead+Wind 210 deg - Service	66.85	-5.86	10.06	1397.91	817.56	0.34
Dead+Wind 240 deg - Service	66.85	-10.14	5.81	805.75	1414.63	0.51
Dead+Wind 270 deg - Service	66.85	-11.71	0.00	-3.59	1632.71	0.54
Dead+Wind 300 deg - Service	66.85	-10.14	-5.80	-813.27	1413.41	0.42
Dead+Wind 330 deg -	66.85	-5.85	-10.05	-1406.32	815.44	0.19

Load Combination	Vertical	$Shear_x$	$Shear_z$	Overturning Moment, M_x	Overturning Moment, M_z	Torque
	K	K	K	kip-ft	kip-ft	kip-ft
Service						

Solution Summary

Load Comb.	Sum of Applied Forces PX K	PY K	PZ K	Sum of Reactions PX K	PY K	PZ K	% Error
1	0.00	-66.85	0.00	0.00	66.85	0.00	0.000%
2	0.02	-80.22	-49.31	-0.02	80.22	49.31	0.000%
3	0.02	-60.16	-49.31	-0.02	60.16	49.31	0.000%
4	24.87	-80.22	-42.71	-24.87	80.22	42.71	0.000%
5	24.87	-60.16	-42.71	-24.87	60.16	42.71	0.000%
6	43.06	-80.22	-24.67	-43.06	80.22	24.67	0.000%
7	43.06	-60.16	-24.67	-43.06	60.16	24.67	0.000%
8	49.70	-80.22	-0.02	-49.70	80.22	0.02	0.000%
9	49.70	-60.16	-0.02	-49.70	60.16	0.02	0.000%
10	43.04	-80.22	24.64	-43.04	80.22	-24.64	0.000%
11	43.04	-60.16	24.64	-43.04	60.16	-24.64	0.000%
12	24.84	-80.22	42.69	-24.84	80.22	-42.69	0.000%
13	24.84	-60.16	42.69	-24.84	60.16	-42.69	0.000%
14	-0.02	-80.22	49.31	0.02	80.22	-49.31	0.000%
15	-0.02	-60.16	49.31	0.02	60.16	-49.31	0.000%
16	-24.87	-80.22	42.71	24.87	80.22	-42.71	0.000%
17	-24.87	-60.16	42.71	24.87	60.16	-42.71	0.000%
18	-43.06	-80.22	24.67	43.06	80.22	-24.67	0.000%
19	-43.06	-60.16	24.67	43.06	60.16	-24.67	0.000%
20	-49.70	-80.22	0.02	49.70	80.22	-0.02	0.000%
21	-49.70	-60.16	0.02	49.70	60.16	-0.02	0.000%
22	-43.04	-80.22	-24.64	43.04	80.22	24.64	0.000%
23	-43.04	-60.16	-24.64	43.04	60.16	24.64	0.000%
24	-24.84	-80.22	-42.69	24.84	80.22	42.69	0.000%
25	-24.84	-60.16	-42.69	24.84	60.16	42.69	0.000%
26	0.00	-136.68	0.00	0.00	136.68	0.00	0.000%
27	-0.00	-136.68	-14.43	0.00	136.68	14.43	0.000%
28	7.25	-136.68	-12.50	-7.25	136.68	12.50	0.000%
29	12.56	-136.68	-7.21	-12.56	136.68	7.21	0.000%
30	14.50	-136.68	0.00	-14.50	136.68	-0.00	0.000%
31	12.56	-136.68	7.22	-12.56	136.68	-7.22	0.000%
32	7.25	-136.68	12.50	-7.25	136.68	-12.50	0.000%
33	0.00	-136.68	14.43	-0.00	136.68	-14.43	0.000%
34	-7.25	-136.68	12.50	7.25	136.68	-12.50	0.000%
35	-12.56	-136.68	7.21	12.56	136.68	-7.21	0.000%
36	-14.50	-136.68	-0.00	14.50	136.68	0.00	0.000%
37	-12.56	-136.68	-7.22	12.56	136.68	7.22	0.000%
38	-7.25	-136.68	-12.50	7.25	136.68	12.50	0.000%
39	0.00	-66.85	-11.61	-0.00	66.85	11.61	0.000%
40	5.86	-66.85	-10.06	-5.86	66.85	10.06	0.000%
41	10.14	-66.85	-5.81	-10.14	66.85	5.81	0.000%
42	11.71	-66.85	-0.00	-11.71	66.85	0.00	0.000%
43	10.14	-66.85	5.80	-10.14	66.85	-5.80	0.000%
44	5.85	-66.85	10.05	-5.85	66.85	-10.05	0.000%
45	-0.00	-66.85	11.61	0.00	66.85	-11.61	0.000%
46	-5.86	-66.85	10.06	5.86	66.85	-10.06	0.000%
47	-10.14	-66.85	5.81	10.14	66.85	-5.81	0.000%
48	-11.71	-66.85	0.00	11.71	66.85	-0.00	0.000%
49	-10.14	-66.85	-5.80	10.14	66.85	5.80	0.000%
50	-5.85	-66.85	-10.05	5.85	66.85	10.05	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	0.00006545
3	Yes	4	0.00000001	0.00066185
4	Yes	6	0.00000001	0.00057775
5	Yes	6	0.00000001	0.00017644
6	Yes	6	0.00000001	0.00059490
7	Yes	6	0.00000001	0.00018241
8	Yes	5	0.00000001	0.00032827
9	Yes	5	0.00000001	0.00014772
10	Yes	6	0.00000001	0.00057196
11	Yes	6	0.00000001	0.00017482
12	Yes	6	0.00000001	0.00058586
13	Yes	6	0.00000001	0.00017998
14	Yes	5	0.00000001	0.00007854
15	Yes	4	0.00000001	0.00076519
16	Yes	6	0.00000001	0.00058996
17	Yes	6	0.00000001	0.00018100
18	Yes	6	0.00000001	0.00057269
19	Yes	6	0.00000001	0.00017472
20	Yes	5	0.00000001	0.00030338
21	Yes	5	0.00000001	0.00013674
22	Yes	6	0.00000001	0.00059278
23	Yes	6	0.00000001	0.00018192
24	Yes	6	0.00000001	0.00057896
25	Yes	6	0.00000001	0.00017706
26	Yes	4	0.00000001	0.00017238
27	Yes	6	0.00000001	0.00036226
28	Yes	6	0.00000001	0.00064706
29	Yes	6	0.00000001	0.00066179
30	Yes	6	0.00000001	0.00036107
31	Yes	6	0.00000001	0.00062115
32	Yes	6	0.00000001	0.00063642
33	Yes	6	0.00000001	0.00035424
34	Yes	6	0.00000001	0.00064272
35	Yes	6	0.00000001	0.00062990
36	Yes	6	0.00000001	0.00036390
37	Yes	6	0.00000001	0.00067010
38	Yes	6	0.00000001	0.00065247
39	Yes	4	0.00000001	0.00023393
40	Yes	5	0.00000001	0.00014878
41	Yes	5	0.00000001	0.00016228
42	Yes	4	0.00000001	0.00038760
43	Yes	5	0.00000001	0.00014394
44	Yes	5	0.00000001	0.00015361
45	Yes	4	0.00000001	0.00023282
46	Yes	5	0.00000001	0.00015677
47	Yes	5	0.00000001	0.00014465
48	Yes	4	0.00000001	0.00038366
49	Yes	5	0.00000001	0.00016100
50	Yes	5	0.00000001	0.00014996

Maximum Tower Deflections - Service Wind

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
L1	185 - 149.46	36.525	48	1.7261	0.0036
L2	154.543 - 114.083	25.804	48	1.5908	0.0024
L3	119.916 - 76.666	15.336	48	1.2489	0.0012
L4	83.333 - 38.253	7.237	48	0.8292	0.0006
L5	45.753 - 0	2.172	48	0.4283	0.0002

Critical Deflections and Radius of Curvature - Service Wind

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection in	Tilt °	Twist °	Radius of Curvature ft
187.00	Lightning Rod 5/8" x 10'	48	36.525	1.7261	0.0036	44293
185.00	8' Ladder	48	36.525	1.7261	0.0036	44293
182.00	ASP-601	48	35.444	1.7164	0.0035	44293
175.00	7770.00 w/ Mount Pipe	48	32.931	1.6928	0.0032	22146
165.00	8' Ladder	48	29.390	1.6515	0.0028	11072
145.00	ERICSSON AIR 21 B4A B2P w/ Mount Pipe	48	22.682	1.5142	0.0021	6435
135.00	MX08FRO665-21 w/ Mount Pipe	48	19.593	1.4163	0.0017	5741
110.00	GPS_A	48	12.830	1.1347	0.0010	5042
108.00	GPS_A	48	12.353	1.1117	0.0009	5065
52.00	GPS_A	48	2.771	0.4915	0.0003	4667

Maximum Tower Deflections - Design Wind

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
L1	185 - 149.46	156.160	20	7.3834	0.0156
L2	154.543 - 114.083	110.392	20	6.8109	0.0105
L3	119.916 - 76.666	65.643	20	5.3498	0.0052
L4	83.333 - 38.253	30.984	20	3.5523	0.0024
L5	45.753 - 0	9.299	20	1.8341	0.0009

Critical Deflections and Radius of Curvature - Design Wind

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection in	Tilt °	Twist °	Radius of Curvature ft
187.00	Lightning Rod 5/8" x 10'	20	156.160	7.3834	0.0156	10758
185.00	8' Ladder	20	156.160	7.3834	0.0156	10758
182.00	ASP-601	20	151.547	7.3430	0.0151	10758
175.00	7770.00 w/ Mount Pipe	20	140.819	7.2436	0.0139	5377
165.00	8' Ladder	20	125.705	7.0688	0.0123	2686
145.00	ERICSSON AIR 21 B4A B2P w/ Mount Pipe	20	97.053	6.4845	0.0089	1550
135.00	MX08FRO665-21 w/ Mount Pipe	20	83.848	6.0659	0.0073	1374
110.00	GPS_A	20	54.921	4.8612	0.0041	1194
108.00	GPS_A	20	52.881	4.7623	0.0040	1199
52.00	GPS_A	20	11.864	2.1049	0.0011	1092

Compression Checks

Pole Design Data

Section No.	Elevation ft	Size	L ft	L_u ft	Kl/r	A in^2	P_u K	ϕP_n K	Ratio $\frac{P_u}{\phi P_n}$
L1	185 - 149.46 (1)	TP36.06x29x0.25	35.54	0.00	0.0	27.6140	-15.66	1615.42	0.010
L2	149.46 - 114.083 (2)	TP42.46x34.5503x0.3125	40.46	0.00	0.0	40.6740	-29.77	2379.43	0.013

Section No.	Elevation ft	Size	L ft	L_u ft	Kl/r	A in^2	P_u K	ϕP_n K	Ratio $\frac{P_u}{\phi P_n}$
L3	114.083 - 76.666 (3)	TP49.15x40.6947x0.375	43.25	0.00	0.0	56.5031	-41.63	3305.43	0.013
L4	76.666 - 38.253 (4)	TP55.9x47.0966x0.4375	45.08	0.00	0.0	74.9828	-57.19	4386.49	0.013
L5	38.253 - 0 (5)	TP62.5x53.5604x0.5	45.75	0.00	0.0	98.3940	-80.18	5756.05	0.014

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	185 - 149.46 (1)	TP36.06x29x0.25	561.08	1306.51	0.429	0.00	1306.51	0.000
L2	149.46 - 114.083 (2)	TP42.46x34.5503x0.3125	1675.47	2317.66	0.723	0.00	2317.66	0.000
L3	114.083 - 76.666 (3)	TP49.15x40.6947x0.375	3129.21	3773.73	0.829	0.00	3773.73	0.000
L4	76.666 - 38.253 (4)	TP55.9x47.0966x0.4375	4784.13	5744.41	0.833	0.00	5744.41	0.000
L5	38.253 - 0 (5)	TP62.5x53.5604x0.5	6985.49	8641.83	0.808	0.00	8641.83	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	185 - 149.46 (1)	TP36.06x29x0.25	25.26	484.63	0.052	1.44	1476.96	0.001
L2	149.46 - 114.083 (2)	TP42.46x34.5503x0.3125	37.38	713.83	0.052	3.21	2563.50	0.001
L3	114.083 - 76.666 (3)	TP49.15x40.6947x0.375	41.87	991.63	0.042	2.67	4122.52	0.001
L4	76.666 - 38.253 (4)	TP55.9x47.0966x0.4375	46.05	1315.95	0.035	2.31	6222.93	0.000
L5	38.253 - 0 (5)	TP62.5x53.5604x0.5	49.76	1726.81	0.029	2.31	9376.00	0.000

Pole Interaction Design Data

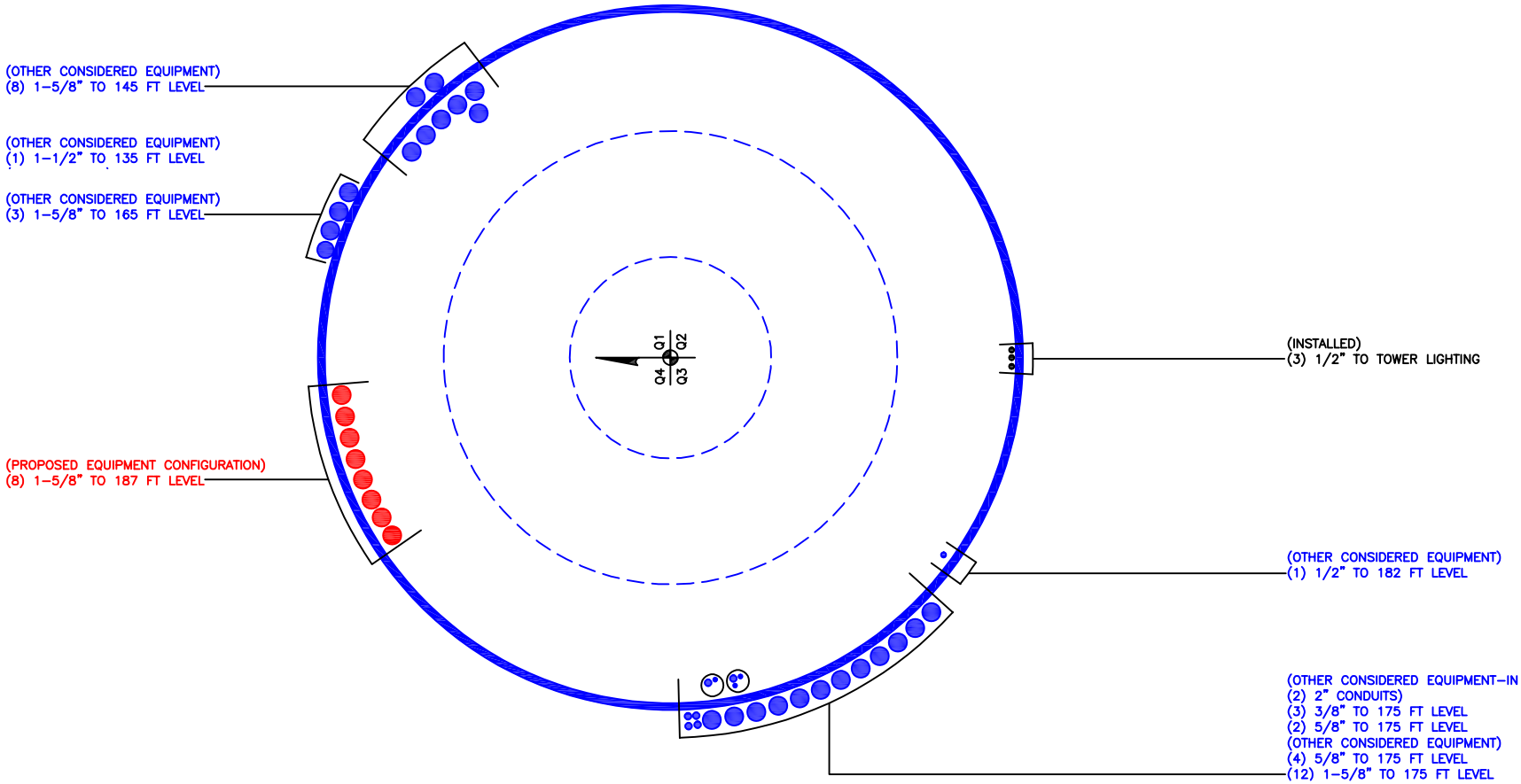
Section No.	Elevation ft	Ratio $\frac{P_u}{\phi P_n}$	Ratio $\frac{M_{ux}}{\phi M_{nx}}$	Ratio $\frac{M_{uy}}{\phi M_{ny}}$	Ratio $\frac{V_u}{\phi V_n}$	Ratio $\frac{T_u}{\phi T_n}$	Comb. Stress Ratio	Allow. Stress Ratio	Criteria
L1	185 - 149.46 (1)	0.010	0.429	0.000	0.052	0.001	0.442	1.050	4.8.2
L2	149.46 - 114.083 (2)	0.013	0.723	0.000	0.052	0.001	0.738	1.050	4.8.2
L3	114.083 - 76.666 (3)	0.013	0.829	0.000	0.042	0.001	0.844	1.050	4.8.2
L4	76.666 - 38.253 (4)	0.013	0.833	0.000	0.035	0.000	0.847	1.050	4.8.2
L5	38.253 - 0 (5)	0.014	0.808	0.000	0.029	0.000	0.823	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	185 - 149.46	Pole	TP36.06x29x0.25	1	-15.66	1696.19	42.1	Pass
L2	149.46 - 114.083	Pole	TP42.46x34.5503x0.3125	2	-29.77	2498.40	70.3	Pass
L3	114.083 - 76.666	Pole	TP49.15x40.6947x0.375	3	-41.63	3470.70	80.3	Pass
L4	76.666 - 38.253	Pole	TP55.9x47.0966x0.4375	4	-57.19	4605.81	80.7	Pass
L5	38.253 - 0	Pole	TP62.5x53.5604x0.5	5	-80.18	6043.85	78.4	Pass
							Summary	
						Pole (L4)	80.7	Pass
						RATING =	**80.7**	**Pass**

APPENDIX B

BASE LEVEL DRAWING



BUSINESS UNIT: 806354 TOWER ID: C_BASELEVEL

APPENDIX C

ADDITIONAL CALCULATIONS

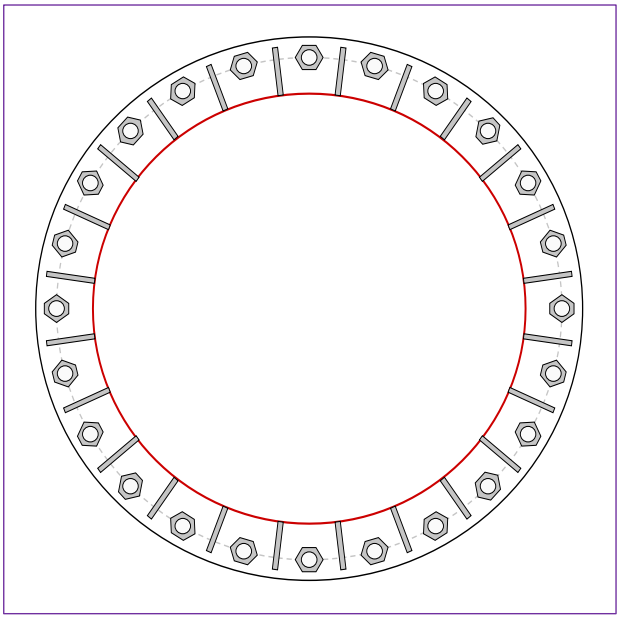
Monopole Base Plate Connection

Site Info	
BU #	806354
Site Name	BRG 123 943084
Order #	610682 Rev. 0

Analysis Considerations	
TIA-222 Revision	H
Grout Considered:	No
l_{ar} (in)	2.25

Applied Loads	
Moment (kip-ft)	6985.49
Axial Force (kips)	80.18
Shear Force (kips)	49.76

**TIA-222-H Section 15.5 Applied*



Connection Properties

Anchor Rod Data

(24) 2-1/4" ø bolts (A615-75 N; Fy=75 ksi, Fu=100 ksi) on 73" BC

Base Plate Data

79" OD x 2.5" Plate (A871-Gr 60; Fy=60 ksi, Fu=75 ksi)

Stiffener Data

(24) 15"H x 7"W x 0.75"T, Notch: 0.5"
plate: Fy= 50 ksi ; weld: Fy= 70 ksi
horiz. weld: 0.5" fillet
vert. weld: 0.375" fillet

Pole Data

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

Analysis Results

Anchor Rod Summary		*(units of kips, kip-in)*
Pu_t = 187.97	ϕPn_t = 243.75	**Stress Rating**
Vu = 2.07	ϕVn = 149.1	**73.4%**
Mu = n/a	ϕMn = n/a	Pass

Base Plate Summary		
Max Stress (ksi):	23.45	(Roark's Flexural)
Allowable Stress (ksi):	54	
Stress Rating:	**41.4%**	Pass

Stiffener Summary		
Horizontal Weld:	**85.3%**	Pass
Vertical Weld:	**58.9%**	Pass
Plate Flexure+Shear:	**30.3%**	Pass
Plate Tension+Shear:	**61.9%**	Pass
Plate Compression:	**79.6%**	Pass
Pole Summary		
Punching Shear:	**14.8%**	Pass

Pier and Pad Foundation

BU # :	806354
Site Name:	BRG 123 943084
App. Number:	610682 Rev. 0

TIA-222 Revision:	H
Tower Type:	Monopole

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

Superstructure Analysis Reactions		
Compression, P_{comp}:	80.22	kips
Base Shear, Vu_comp:	49.7	kips
Moment, M_u:	6985.49	ft-kips
Tower Height, **H**:	185	ft
BP Dist. Above Fdn, bp_{dist}:	4.5	in

Pier Properties		
Pier Shape:	Square	
Pier Diameter, **dpier**:	8	ft
Ext. Above Grade, **E**:	1	ft
Pier Rebar Size, **Sc**:	9	
Pier Rebar Quantity, **mc**:	48	
Pier Tie/Spiral Size, **St**:	4	
Pier Tie/Spiral Quantity, **mt**:	5	
Pier Reinforcement Type:	Tie	
Pier Clear Cover, cc_{pier}:	5	in

Pad Properties		
Depth, **D**:	6	ft
Pad Width, W_1:	28	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:	45	
Pad Clear Cover, cc_{pad}:	3	in

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

Soil Properties		
Total Soil Unit Weight, γ:	120	pcf
Ultimate Net Bearing, Qnet:	6.000	ksf
Cohesion, **Cu**:	0.000	ksf
Friction Angle, φ:	34	degrees
SPT Blow Count, N_{blows}:	26	
Base Friction, μ:	0.6	
Neglected Depth, **N**:	4.00	ft
Foundation Bearing on Rock?	No	
Groundwater Depth, **gw**:	10	ft

<--Toggle between Gross and Net

Foundation Analysis Checks	Capacity	Demand	Rating*	Check
Lateral (Sliding) (kips)	379.62	49.70	**12.5%**	**Pass**
Bearing Pressure (ksf)	5.04	4.08	**81.1%**	**Pass**
*Overturning (kip*ft)*	7595.73	7352.03	**96.8%**	**Pass**
*Pier Flexure (Comp.) (kip*ft)*	8838.64	7184.29	**77.4%**	**Pass**
Pier Compression (kip)	40734.72	126.30	**0.3%**	**Pass**
*Pad Flexure (kip*ft)*	6100.57	3749.33	**58.5%**	**Pass**
Pad Shear - 1-way (kips)	997.97	492.61	**47.0%**	**Pass**
Pad Shear - 2-way (Comp) (ksi)	0.190	0.000	**0.0%**	**Pass**
*Flexural 2-way (Comp) (kip*ft)*	5333.66	4310.57	**77.0%**	**Pass**

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

Structural Rating*:	**77.4%**
Soil Rating*:	**96.8%**

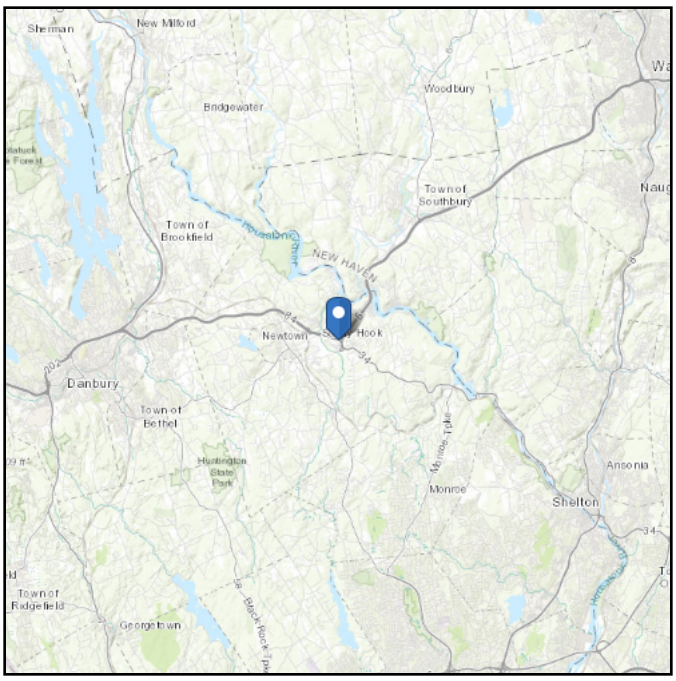
Version 4.1.1

ASCE 7 Hazards Report

Address:
No Address at This Location

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

Elevation: 349.26 ft (NAVD 88)
Latitude: 41.412647
Longitude: -73.270094



Wind

Results:

Wind Speed	119 Vmph	Ultimate Wind Speed of 120 Vmph Used Per Newton Municipality jurisdiction Exception
10-year MRI	76 Vmph	
25-year MRI	85 Vmph	
50-year MRI	91 Vmph	
100-year MRI	97 Vmph	

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

Date Accessed: Wed Mar 23 2022

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

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

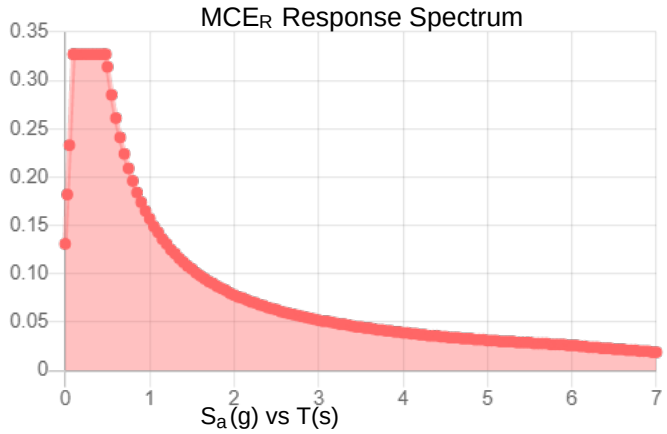
Seismic

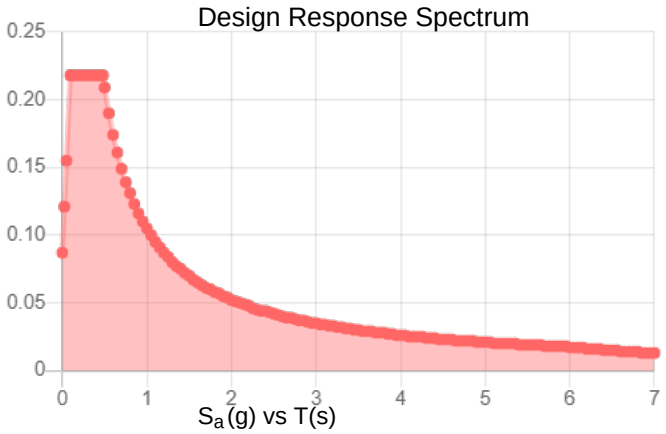
Site Soil Class: D - Stiff Soil

Results:

S_S :	0.204	S_{DS} :	0.218
S_1 :	0.065	S_{D1} :	0.105
F_a :	1.6	T_L :	6
F_v :	2.4	PGA :	0.109
S_{MS} :	0.327	PGA_M :	0.173
S_{M1} :	0.157	F_{PGA} :	1.582
		I_e :	1

Seismic Design Category B





Data Accessed: **Wed Mar 23 2022**

Date Source:

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

Ice

Results:

Ice Thickness:	0.75 in.	Ice Thickness - 2x0.75 = 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: Wed Mar 23 2022

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

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

Exhibit E

Mount Analysis

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

Antenna Mount Analysis Report and PMI Requirements

Mount Analysis

SMART Tool Project #: 10037838
Maser Consulting Connecticut Project #: 21777075A

May 13, 2021

Site Information	*Site ID:*	*467643-VZW / NEWTOWN CT*
	Site Name:	*NEWTOWN CT*
	Carrier Name:	*Verizon Wireless*
	Address:	*Rte. 34 Washington Ave* *Newtown, Connecticut 06482* *Fairfield County*
	Latitude:	*41.412596°*
	Longitude:	*-73.270394°*
Structure Information	*Tower Type:*	*186.00-Ft Monopole*
	Mount Type:	*10.67-Ft Platform*

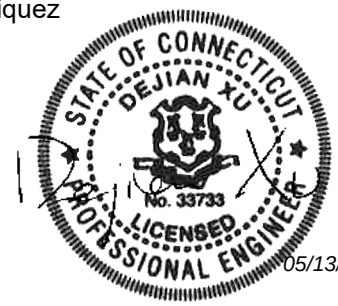
FUZE ID # 16272191

Analysis Results

Platform: **94.8% Pass**

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

Report Prepared By: Abigail Enriquez



05/13/2021

Executive Summary:

The objective of this report is to determine the capacity of the antenna support mount at the subject facility for the final wireless telecommunications configuration, per the applicable codes and standards. Any modification listed under Sources of Information was assumed completed and was included in this analysis.

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: 324504, dated March 18, 2021*
Mount Mapping Report	*Hudson Design Group, LLC., Site ID: 467643, dated March 9, 2021*

Analysis Criteria:

Codes and Standards:	ANSI/TIA-222-H	
Wind Parameters:	Basic Wind Speed (Ultimate 3-sec. Gust), V_{ULT}:	116 mph
	Ice Wind Speed (3-sec. Gust):	50 mph
	Design Ice Thickness:	1.00 in
	Risk Category:	II
	Exposure Category:	C
	Topographic Category:	1
	Topographic Feature Considered:	N/A
	Topographic Method:	N/A
	Ground Elevation Factor, K_e:	0.988
Seismic Parameters:	S_S:	0.207
	S_1:	0.055
Maintenance Parameters:	Wind Speed (3-sec. Gust):	30 mph
	Maintenance Live Load, Lv:	250 lbs.
	Maintenance Live Load, Lm:	500 lbs.
Analysis Software:	RISA-3D (V17)	

Final Loading Configuration:

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

Mount Elevation (ft)	Equipment Elevation (ft)	Quantity	Manufacturer	Model	Status
183.38	185.00	3	Samsung	MT6407-77A	Added
		6	Andrew	DB846F65ZAXY	Retained
		3	Samsung	XXDWMM-12.5-65-8T-CBRS	
		3	Samsung	B2/B66A RRH-BR049	
		3	Samsung	B5/B13 RRH-BR04C	
		2	Raycap	RRFDC-3315-PF-48	
		6	Commscope	CBC78T-DS-43-2X	
		6	Quintel	QS8658-5	

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

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

Standard Conditions:

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

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

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

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

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

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

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

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

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

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

Analysis Results:

Component	Utilization %	Pass/Fail
Standoff. Horizontal	*66.5%*	*Pass*
Ladder Rungs	*2.2%*	*Pass*
Ladder	*11.4%*	*Pass*
Dual Mount Pipe	*48.6%*	*Pass*
Mount Pipe	*94.8%*	*Pass*
Mod Support Rail bracing	*24.6%*	*Pass*
Support Rail Corner	*44.6%*	*Pass*
Corner HSS	*27.5%*	*Pass*
Corner Plate	*12.8%*	*Pass*
Support Rail	*91.8%*	*Pass*
Face Horizontal	*89.7%*	*Pass*
Connection Check	*65.5%*	*Pass*

Structure Rating – *(Controlling Utilization of all Components)*	**94.8%**

Recommendation:

The existing mount is **SUFFICIENT** for the final loading configuration and do not require modifications.

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:

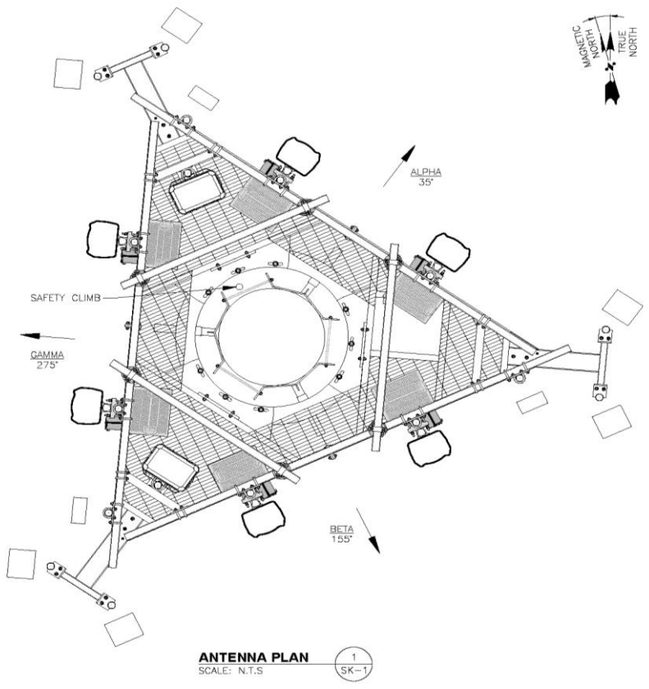
1. Mount Photos
2. Mount Mapping Report (for reference only)
3. Analysis Calculations
4. **Contractor Required Post Installation Inspection (PMI) Report Deliverables**
5. Antenna Placement Diagrams
6. TIA Adoption and Wind Speed Usage Letter

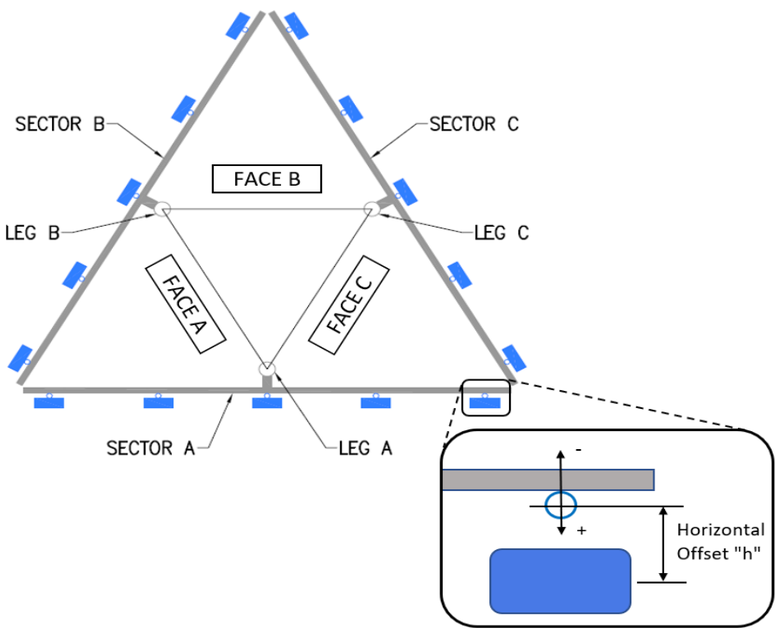
V3.0 Updated on 8-31-2020

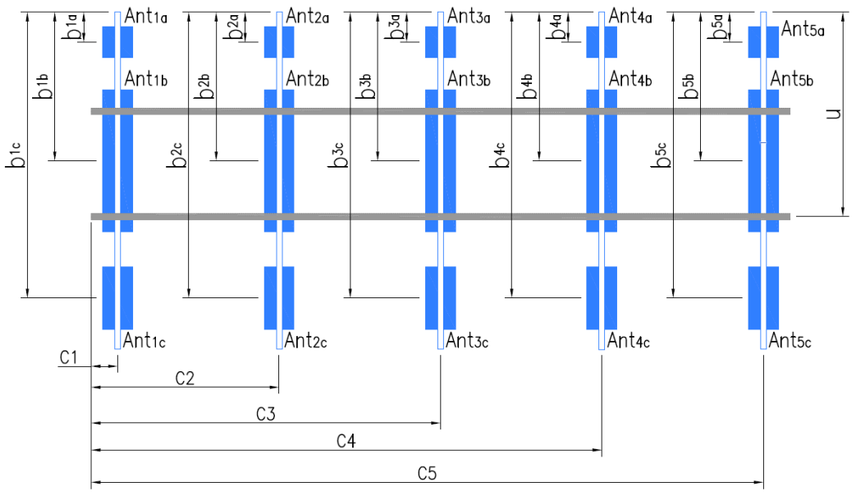
Antenna Mount Mapping Form (PATENT PENDING)

FCC #

Tower Owner:	OTHER	**Mapping Date:**	3/9/2021
Site Name:	NEWTOWN CT	**Tower Type:**	Monopole
Site Number or ID:	467643	**Tower Height (Ft.):**	186
Mapping Contractor:	HUDSON DESIGN GROUP, LLC.	**Mount Elevation (Ft.):**	186.25







Antenna Layout (Looking Out From Tower)

Mount Pipe Configuration and Geometries [Unit = Inches]

Sector / Position	Mount Pipe Size & Length	Vertical Offset Dimension "u"	Horizontal Offset "C1, C2, C3, etc."	Sector / Position	Mount Pipe Size & Length	Vertical Offset Dimension "u"	Horizontal Offset "C1, C2, C3, etc."
A1	2" STD. PIPE X 80" LONG	52.00		C1	2" STD. PIPE X 80" LONG	52.00	
A2	2" STD. PIPE X 80" LONG	58.00	12.00	C2	2" STD. PIPE X 80" LONG	58.00	12.00
A3	2" STD. PIPE X 84" LONG	53.00	47.00	C3	2" STD. PIPE X 84" LONG	53.00	47.00
A4	2" STD. PIPE X 72" LONG	48.00	103.00	C4	2" STD. PIPE X 72" LONG	48.00	103.00
A5	2" STD. PIPE X 80" LONG	52.00		C5	2" STD. PIPE X 80" LONG	52.00	
A6				C6			
B1	2" STD. PIPE X 80" LONG	52.00		D1			
B2	2" STD. PIPE X 80" LONG	58.00	12.00	D2			
B3	2" STD. PIPE X 84" LONG	53.00	47.00	D3			
B4	2" STD. PIPE X 72" LONG	48.00	103.00	D4			
B5	2" STD. PIPE X 80" LONG	52.00		D5			
B6				D6			

Distance between bottom rail and mount CL elevation (dim d). Unit is inches. See 'Mount Elev Ref' tab for details. :	
Distance from top of bottom support rail to lowest tip of ant./eqpt. of Carrier above. (N/A if > 10 ft.) :	
Distance from top of bottom support rail to highest tip of ant./eqpt. of Carrier below. (N/A if > 10 ft.) :	66

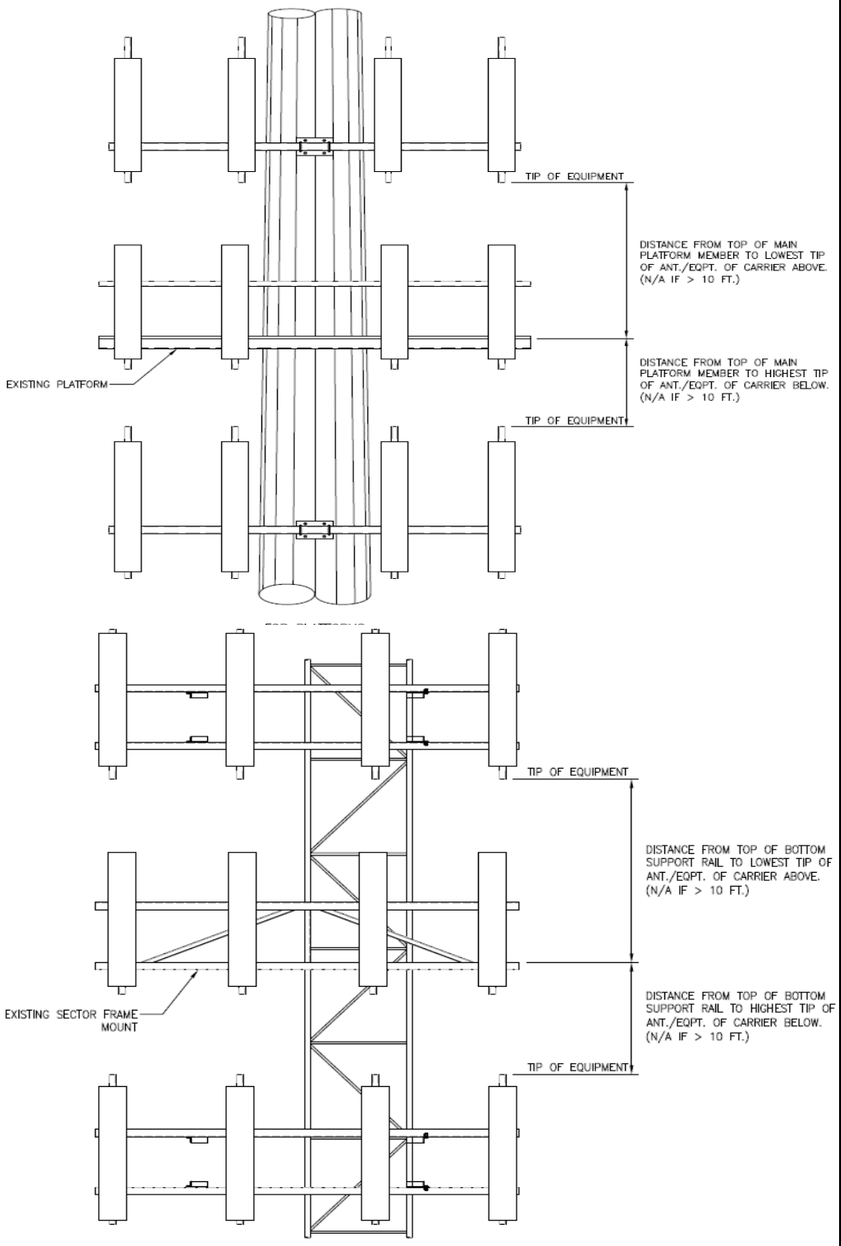
Please enter additional infomation or comments below.

Tower Face Width at Mount Elev. (ft.):		Tower Leg Size or Pole Shaft Diameter at Mount Elev. (in.):	28.5

Ants. Items	Enter antenna model. If not labeled, enter "Unknown". Antenna Models if Known	Width (in.)	Depth (in.)	Height (in.)	Coax Size and Qty	Antenna Center-line (Ft.)	Mounting Locations [Units are inches and degrees] Vertical Distances"b_{1a}, b_{2a}, b_{3a}, b_{1b}...." (Inches)	Horiz. Offset "h" (Use "-" if Ant. is behind)	Antenna Azimuth (Degrees)	Photos of antennas Photo Numbers
Sector A										
Ant_{1a}										
Ant_{1b}	ANDREW ANTENNA	9.50	8.00	72.00		187.833	33.00	9.00	35.00	60, 35
Ant_{1c}										
Ant_{2a}										
Ant_{2b}	RT4401-48A	8.60	5.50	16.00		188.083	36.00	9.00	35.00	27, 35
Ant_{2c}										
Ant_{3a}	RFV01U-D1A	15.50	12.00	15.50		187.833	34.00	-10.00		36, 28
Ant_{3b}	QS86585D621190038	12.00	10.00	97.00		188.25	29.00	13.00	35.00	15, 36
Ant_{3c}	CBC78T-DS-43	6.50	5.00	6.50		189.167	18.00	-5.00		2, 106
Ant_{4a}	RFV01U-D2A	15.50	16.00	15.50		187.417	34.00	-10.00		37, 29
Ant_{4b}	QS86585D621190038	12.00	10.00	97.00		187.833	29.00	13.00	35.00	15, 37
Ant_{4c}	CBC78T-DS-43	6.50	5.00	6.50		188.75	18.00	-5.00		4, 106
Ant_{5a}										
Ant_{5b}	ANDREW ANTENNA	9.50	8.00	72.00		187.833	33.00	9.00	35.00	60, 38
Ant_{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										

Mount Azimuth (Degree) for Each Sector				Tower Leg Azimuth (Degree) for Each Sector	
Sector A:	35.00	Deg	Leg A:		Deg
Sector B:	155.00	Deg	Leg B:		Deg
Sector C:	275.00	Deg	Leg C:		Deg
Sector D:		Deg	Leg D:		Deg

Climbing Facility Information		
Location:	330.00 Deg	N/A
Climbing Facility	Corrosion Type:	Good condition.
	Access:	Climbing path was unobstructed.
	Condition:	Good condition.



Sector B										
Ant_{1a}										
Ant_{1b}	ANDREW ANTENNA	9.50	8.00	72.00		187.833	33.00	9.00	155.00	39, 35
Ant_{1c}										
Ant_{2a}										
Ant_{2b}	RT4401-48A	8.60	5.50	16.00		188.083	36.00	9.00	155.00	27, 40
Ant_{2c}										
Ant_{3a}	RFV01U-D1A	15.50	12.00	15.50		187.833	34.00	-10.00		42, 28
Ant_{3b}	QS86585D621190038	12.00	10.00	97.00		188.25	29.00	13.00	155.00	15, 41
Ant_{3c}	CBC78T-DS-43	6.50	5.00	6.50		189.167	18.00	-5.00		2, 106
Ant_{4a}	RFV01U-D2A	15.50	16.00	15.50		187.417	34.00	-10.00		43, 29
Ant_{4b}	QS86585D621190038	12.00	10.00	97.00		187.833	29.00	13.00	155.00	43, 15
Ant_{4c}	CBC78T-DS-43	6.50	5.00	6.50		188.75	18.00	-5.00		4, 106
Ant_{5a}										
Ant_{5b}	ANDREW ANTENNA	9.50	8.00	72.00		187.833	33.00	9.00	155.00	60, 44
Ant_{5c}										
Ant on Standoff	RRFDC-3315-PF-48	15.00	10.00	28.00						30, 102
Ant on Standoff										
Ant on Tower										
Ant on Tower										

Sector C										
Ant_{1a}										
Ant_{1b}	ANDREW ANTENNA	9.50	8.00	72.00		187.833	33.00	9.00	275.00	60, 45
Ant_{1c}										
Ant_{2a}										
Ant_{2b}	RT4401-48A	8.60	5.50	16.00		188.083	36.00	9.00	275.00	27, 45
Ant_{2c}										
Ant_{3a}	RFV01U-D1A	15.50	12.00	15.50		187.833	34.00	-10.00		46, 28
Ant_{3b}	QS86585D621190038	12.00	10.00	97.00		188.25	29.00	13.00	275.00	15, 46
Ant_{3c}	CBC78T-DS-43	6.50	5.00	6.50		189.167	18.00	-5.00		2, 106
Ant_{4a}	RFV01U-D2A	15.50	16.00	15.50		187.417	34.00	-10.00		47, 29
Ant_{4b}	QS86585D621190038	12.00	10.00	97.00		187.833	29.00	13.00	275.00	15, 47
Ant_{4c}	CBC78T-DS-43	6.50	5.00	6.50		188.75	18.00	-5.00		4, 106
Ant_{5a}										
Ant_{5b}	ANDREW ANTENNA	9.50	8.00	72.00		187.833	33.00	9.00	275.00	60, 48
Ant_{5c}										
Ant on Standoff	RRFDC-3315-PF-48	15.00	10.00	28.00						30, 102
Ant on Standoff										
Ant on Tower										
Ant on Tower										

Sector D										
Ant_{1a}										
Ant_{1b}										
Ant_{1c}										
Ant_{2a}										
Ant_{2b}										
Ant_{2c}										
Ant_{3a}										
Ant_{3b}										
Ant_{3c}										
Ant_{4a}										
Ant_{4b}										
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										

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

1		
2	(12) 1-5/8"Ø COAX, (2) 1-1/4"Ø HYBRID	14-Nov
3		
4		
5		
6		
7		
8		

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

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

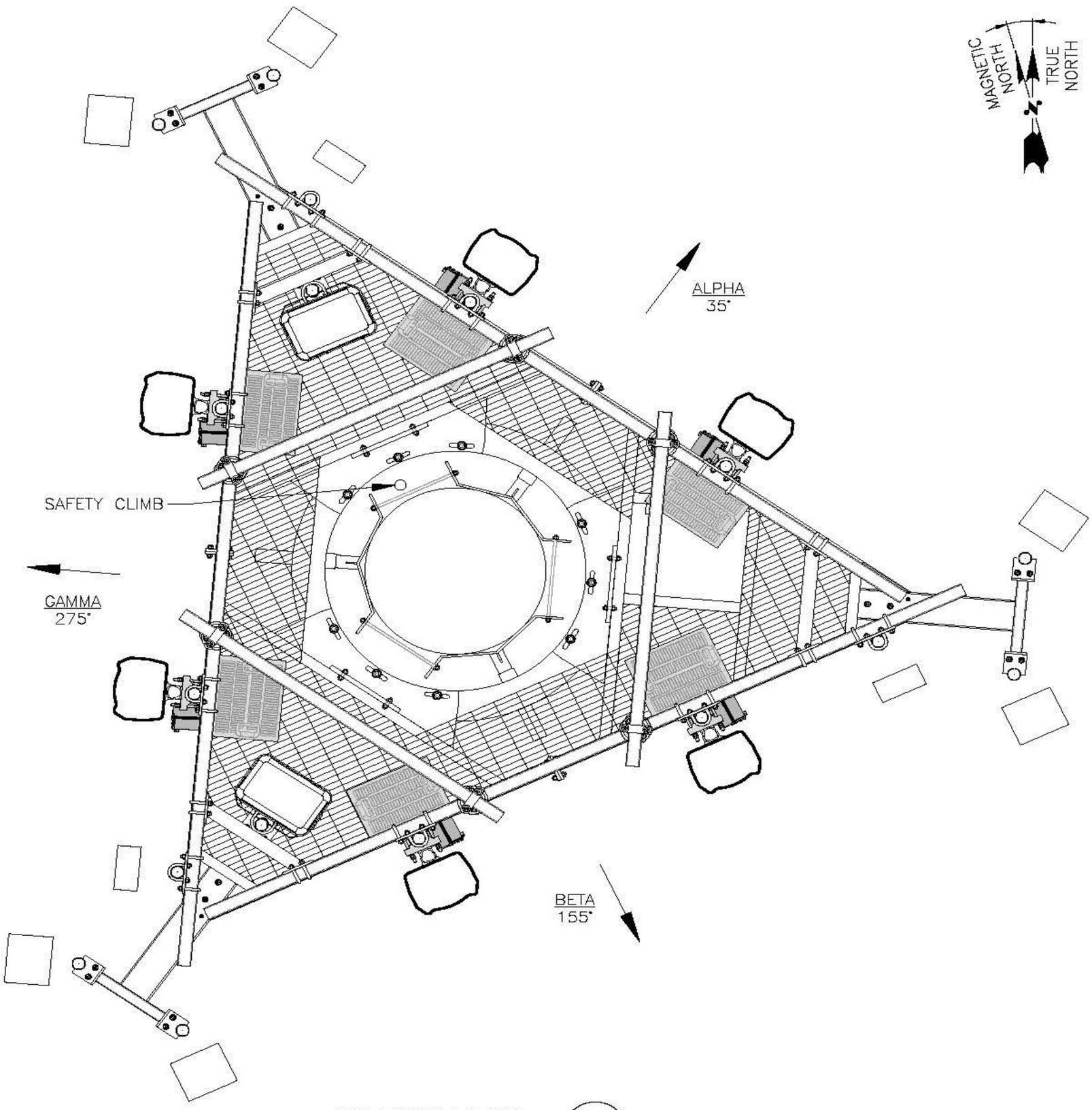
V3.0 Updated on 8-31-2020

Antenna Mount Mapping Form (PATENT PENDING)

FCC #

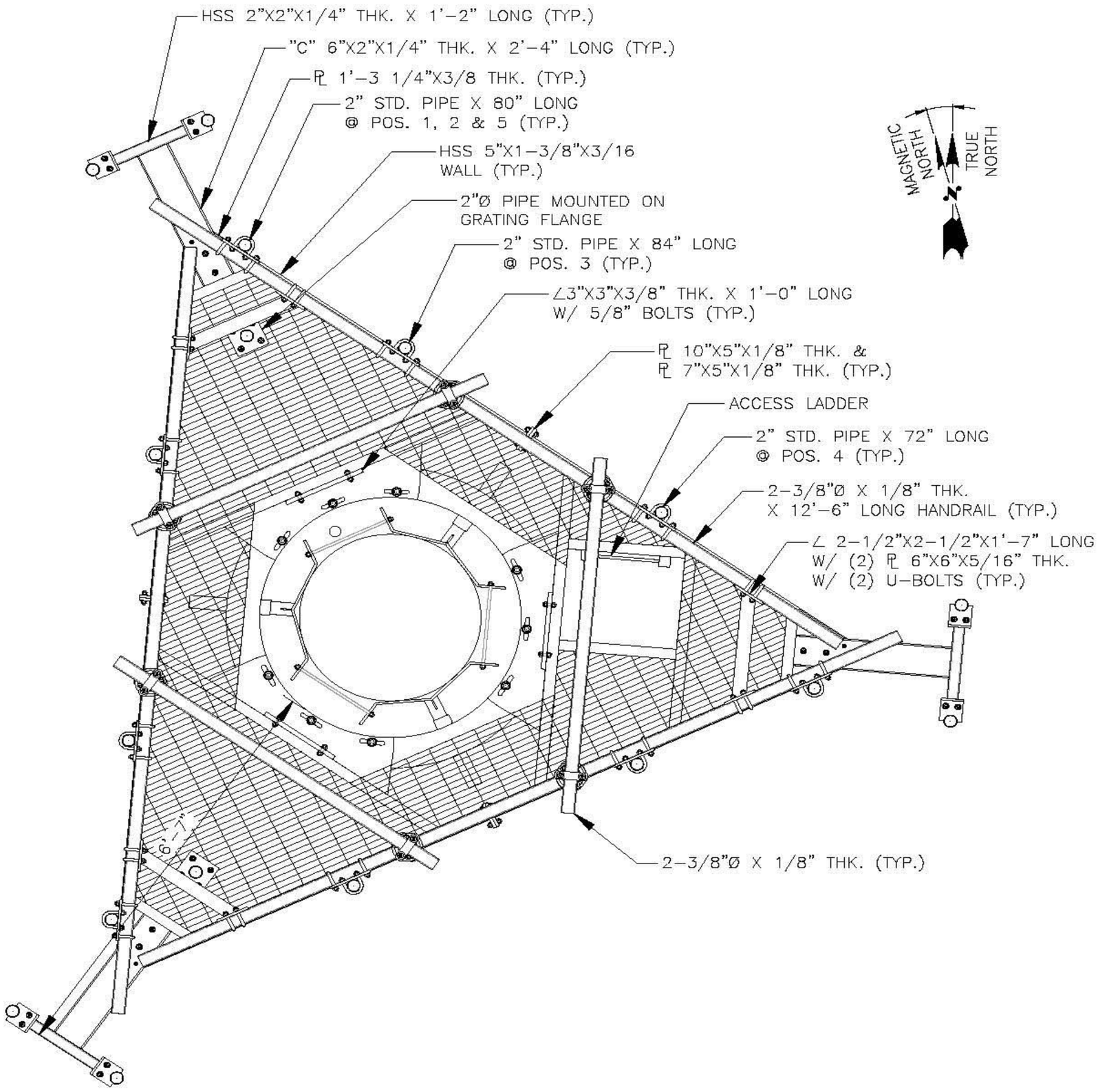
Tower Owner:	OTHER	**Mapping Date:**	3/9/2021
Site Name:	NEWTOWN CT	**Tower Type:**	Monopole
Site Number or ID:	467643	**Tower Height (Ft.):**	186
Mapping Contractor:	HUDSON DESIGN GROUP, LLC.	**Mount Elevation (Ft.):**	186.25

Please Insert Sketches of the Antenna Mount

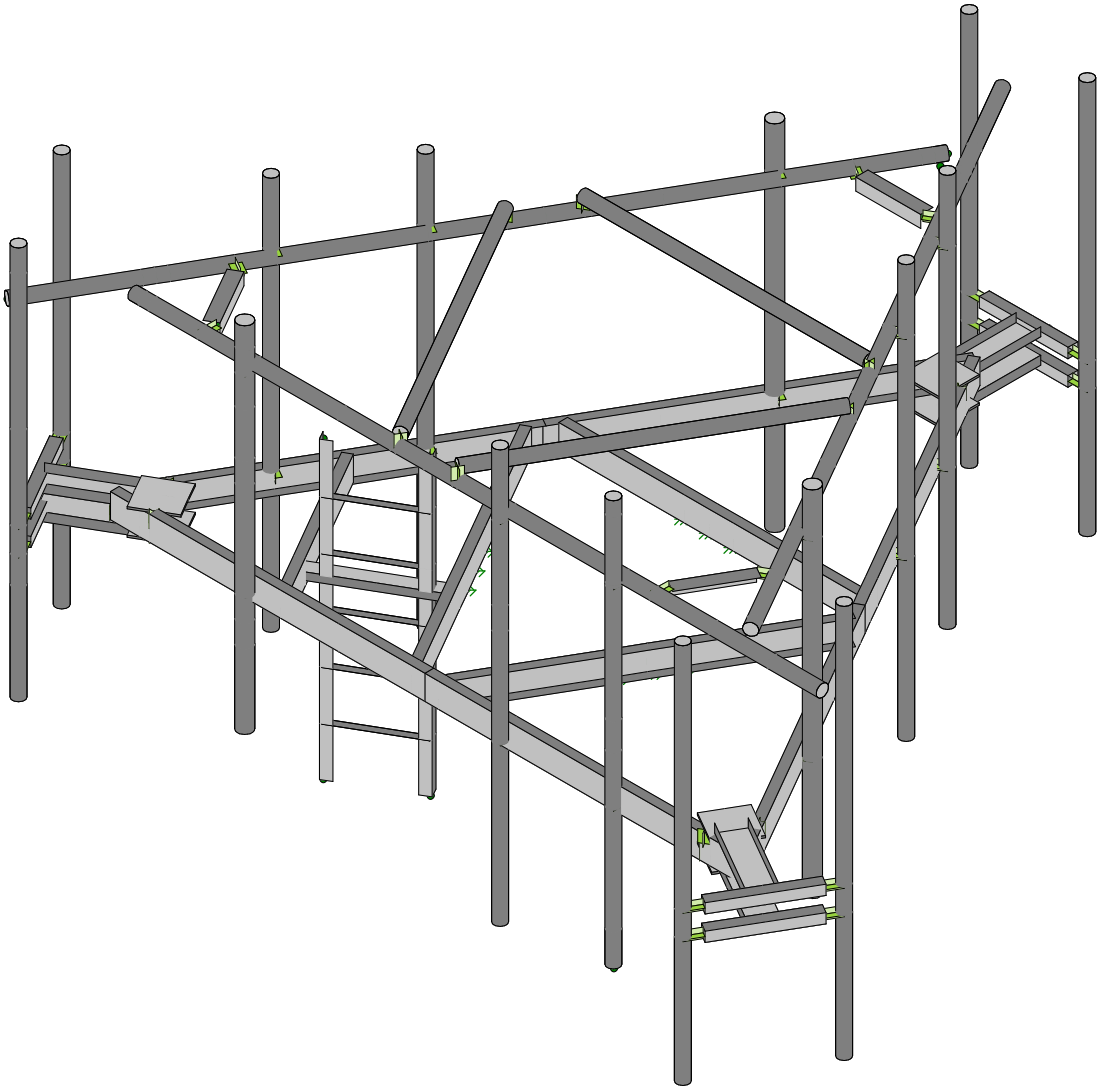


ANTENNA PLAN 1
SCALE: N.T.S SK–1

Please Insert Sketches of the Antenna Mount, cont'd

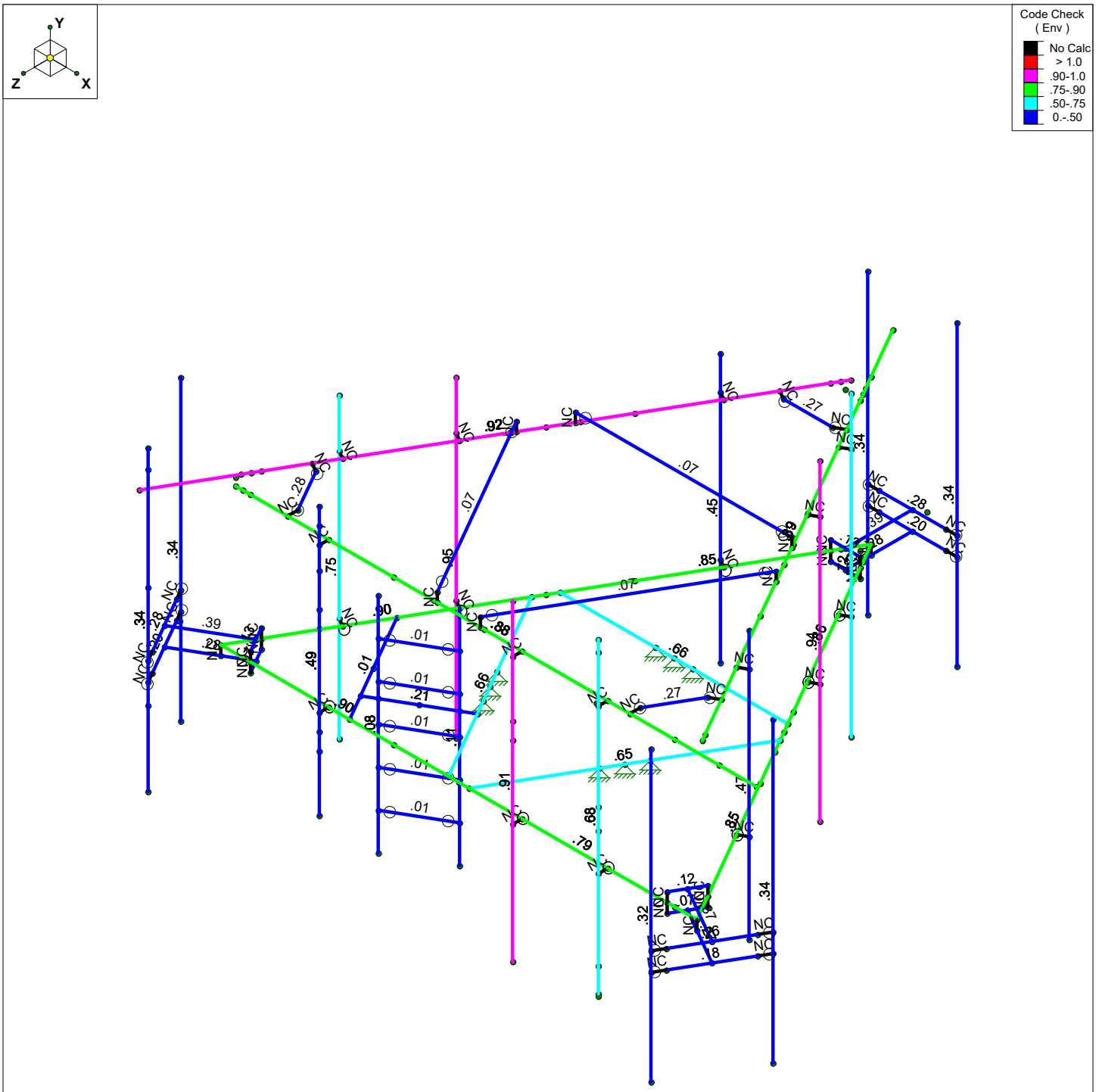


MOUNT PLAN (1 / SK-2)
SCALE: N.T.S



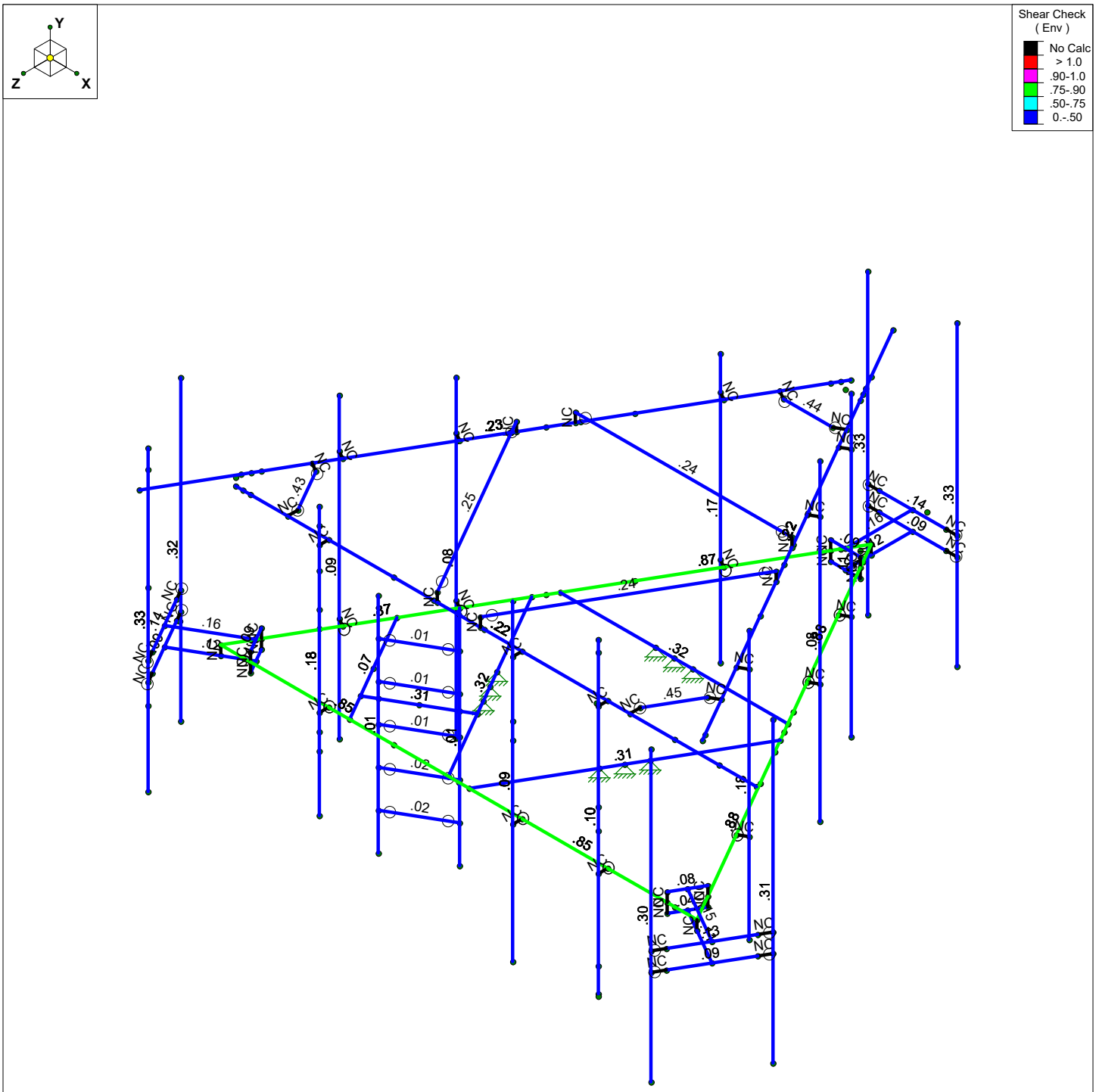
Envelope Only Solution

	Antenna Mount Analysis	SK - 1
AE		May 13, 2021 at 1:32 PM
21777075A		467643-VZW_MT_LO_H_FINAL.r3d



Member Code Checks Displayed (Enveloped)
Envelope Only Solution

	Antenna Mount Analysis	SK - 2
AE		May 13, 2021 at 1:32 PM
21777075A		467643-VZW_MT_LO_H_FINAL.r3d



Member Shear Checks Displayed (Enveloped)
Envelope Only Solution

	Antenna Mount Analysis	SK - 3
AE		May 13, 2021 at 1:33 PM
21777075A		467643-VZW_MT_LO_H_FINAL.r3d

Basic Load Cases

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed	Area(Me...	Surface(P...
1	Antenna D	None					141			
2	Antenna Di	None					141			
3	Antenna Wo (0 Deg)	None					141			
4	Antenna Wo (30 Deg)	None					141			
5	Antenna Wo (60 Deg)	None					141			
6	Antenna Wo (90 Deg)	None					141			
7	Antenna Wo (120 Deg)	None					141			
8	Antenna Wo (150 Deg)	None					141			
9	Antenna Wo (180 Deg)	None					141			
10	Antenna Wo (210 Deg)	None					141			
11	Antenna Wo (240 Deg)	None					141			
12	Antenna Wo (270 Deg)	None					141			
13	Antenna Wo (300 Deg)	None					141			
14	Antenna Wo (330 Deg)	None					141			
15	Antenna Wi (0 Deg)	None					141			
16	Antenna Wi (30 Deg)	None					141			
17	Antenna Wi (60 Deg)	None					141			
18	Antenna Wi (90 Deg)	None					141			
19	Antenna Wi (120 Deg)	None					141			
20	Antenna Wi (150 Deg)	None					141			
21	Antenna Wi (180 Deg)	None					141			
22	Antenna Wi (210 Deg)	None					141			
23	Antenna Wi (240 Deg)	None					141			
24	Antenna Wi (270 Deg)	None					141			
25	Antenna Wi (300 Deg)	None					141			
26	Antenna Wi (330 Deg)	None					141			
27	Antenna Wm (0 Deg)	None					141			
28	Antenna Wm (30 Deg)	None					141			
29	Antenna Wm (60 Deg)	None					141			
30	Antenna Wm (90 Deg)	None					141			
31	Antenna Wm (120 Deg)	None					141			
32	Antenna Wm (150 Deg)	None					141			
33	Antenna Wm (180 Deg)	None					141			
34	Antenna Wm (210 Deg)	None					141			
35	Antenna Wm (240 Deg)	None					141			
36	Antenna Wm (270 Deg)	None					141			
37	Antenna Wm (300 Deg)	None					141			
38	Antenna Wm (330 Deg)	None					141			
39	Structure D	None		-1					6	
40	Structure Di	None						60	6	
41	Structure Wo (0 Deg)	None						120		
42	Structure Wo (30 Deg)	None						120		
43	Structure Wo (60 Deg)	None						120		
44	Structure Wo (90 Deg)	None						120		
45	Structure Wo (120 D...	None						120		
46	Structure Wo (150 D...	None						120		
47	Structure Wo (180 D...	None						120		
48	Structure Wo (210 D...	None						120		
49	Structure Wo (240 D...	None						120		
50	Structure Wo (270 D...	None						120		
51	Structure Wo (300 D...	None						120		
52	Structure Wo (330 D...	None						120		
53	Structure Wi (0 Deg)	None						120		
54	Structure Wi (30 Deg)	None						120		
55	Structure Wi (60 Deg)	None						120		
56	Structure Wi (90 Deg)	None						120		

Basic Load Cases (Continued)

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

Load Combinations

	Description	Solve	P...	S...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...
1	1.2D+1.0Wo (0 Deg)	Yes	Y		1	1.2	39	1.2	3	1	41	1														
2	1.2D+1.0Wo (30 Deg)	Yes	Y		1	1.2	39	1.2	4	1	42	1														
3	1.2D+1.0Wo (60 Deg)	Yes	Y		1	1.2	39	1.2	5	1	43	1														
4	1.2D+1.0Wo (90 Deg)	Yes	Y		1	1.2	39	1.2	6	1	44	1														
5	1.2D+1.0Wo (120 Deg)	Yes	Y		1	1.2	39	1.2	7	1	45	1														
6	1.2D+1.0Wo (150 Deg)	Yes	Y		1	1.2	39	1.2	8	1	46	1														
7	1.2D+1.0Wo (180 Deg)	Yes	Y		1	1.2	39	1.2	9	1	47	1														
8	1.2D+1.0Wo (210 Deg)	Yes	Y		1	1.2	39	1.2	10	1	48	1														
9	1.2D+1.0Wo (240 Deg)	Yes	Y		1	1.2	39	1.2	11	1	49	1														
10	1.2D+1.0Wo (270 Deg)	Yes	Y		1	1.2	39	1.2	12	1	50	1														
11	1.2D+1.0Wo (300 Deg)	Yes	Y		1	1.2	39	1.2	13	1	51	1														
12	1.2D+1.0Wo (330 Deg)	Yes	Y		1	1.2	39	1.2	14	1	52	1														
13	1.2D + 1.0Di + 1.0Wi (0 Deg)	Yes	Y		1	1.2	39	1.2	2	1	40	1	15	1	53	1										
14	1.2D + 1.0Di + 1.0Wi (30 De...	Yes	Y		1	1.2	39	1.2	2	1	40	1	16	1	54	1										
15	1.2D + 1.0Di + 1.0Wi (60 De...	Yes	Y		1	1.2	39	1.2	2	1	40	1	17	1	55	1										
16	1.2D + 1.0Di + 1.0Wi (90 De...	Yes	Y		1	1.2	39	1.2	2	1	40	1	18	1	56	1										
17	1.2D + 1.0Di + 1.0Wi (120 D...	Yes	Y		1	1.2	39	1.2	2	1	40	1	19	1	57	1										
18	1.2D + 1.0Di + 1.0Wi (150 D...	Yes	Y		1	1.2	39	1.2	2	1	40	1	20	1	58	1										
19	1.2D + 1.0Di + 1.0Wi (180 D...	Yes	Y		1	1.2	39	1.2	2	1	40	1	21	1	59	1										
20	1.2D + 1.0Di + 1.0Wi (210 D...	Yes	Y		1	1.2	39	1.2	2	1	40	1	22	1	60	1										
21	1.2D + 1.0Di + 1.0Wi (240 D...	Yes	Y		1	1.2	39	1.2	2	1	40	1	23	1	61	1										
22	1.2D + 1.0Di + 1.0Wi (270 D...	Yes	Y		1	1.2	39	1.2	2	1	40	1	24	1	62	1										
23	1.2D + 1.0Di + 1.0Wi (300 D...	Yes	Y		1	1.2	39	1.2	2	1	40	1	25	1	63	1										
24	1.2D + 1.0Di + 1.0Wi (330 D...	Yes	Y		1	1.2	39	1.2	2	1	40	1	26	1	64	1										
25	1.2D + 1.5Lm1 + 1.0Wm (0 ...	Yes	Y		1	1.2	39	1.2	77	1.5	27	1	65	1												
26	1.2D + 1.5Lm1 + 1.0Wm (30...	Yes	Y		1	1.2	39	1.2	77	1.5	28	1	66	1												

Load Combinations (Continued)

	Description	Solve	P...	S...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...
27	1.2D + 1.5Lm1 + 1.0Wm (60...	Yes	Y		1	1.2	39	1.2	77	1.5	29	1	67	1										
28	1.2D + 1.5Lm1 + 1.0Wm (90...	Yes	Y		1	1.2	39	1.2	77	1.5	30	1	68	1										
29	1.2D + 1.5Lm1 + 1.0Wm (12...	Yes	Y		1	1.2	39	1.2	77	1.5	31	1	69	1										
30	1.2D + 1.5Lm1 + 1.0Wm (15...	Yes	Y		1	1.2	39	1.2	77	1.5	32	1	70	1										
31	1.2D + 1.5Lm1 + 1.0Wm (18...	Yes	Y		1	1.2	39	1.2	77	1.5	33	1	71	1										
32	1.2D + 1.5Lm1 + 1.0Wm (21...	Yes	Y		1	1.2	39	1.2	77	1.5	34	1	72	1										
33	1.2D + 1.5Lm1 + 1.0Wm (24...	Yes	Y		1	1.2	39	1.2	77	1.5	35	1	73	1										
34	1.2D + 1.5Lm1 + 1.0Wm (27...	Yes	Y		1	1.2	39	1.2	77	1.5	36	1	74	1										
35	1.2D + 1.5Lm1 + 1.0Wm (30...	Yes	Y		1	1.2	39	1.2	77	1.5	37	1	75	1										
36	1.2D + 1.5Lm1 + 1.0Wm (33...	Yes	Y		1	1.2	39	1.2	77	1.5	38	1	76	1										
37	1.2D + 1.5Lm2 + 1.0Wm (0 ...	Yes	Y		1	1.2	39	1.2	78	1.5	27	1	65	1										
38	1.2D + 1.5Lm2 + 1.0Wm (30...	Yes	Y		1	1.2	39	1.2	78	1.5	28	1	66	1										
39	1.2D + 1.5Lm2 + 1.0Wm (60...	Yes	Y		1	1.2	39	1.2	78	1.5	29	1	67	1										
40	1.2D + 1.5Lm2 + 1.0Wm (90...	Yes	Y		1	1.2	39	1.2	78	1.5	30	1	68	1										
41	1.2D + 1.5Lm2 + 1.0Wm (12...	Yes	Y		1	1.2	39	1.2	78	1.5	31	1	69	1										
42	1.2D + 1.5Lm2 + 1.0Wm (15...	Yes	Y		1	1.2	39	1.2	78	1.5	32	1	70	1										
43	1.2D + 1.5Lm2 + 1.0Wm (18...	Yes	Y		1	1.2	39	1.2	78	1.5	33	1	71	1										
44	1.2D + 1.5Lm2 + 1.0Wm (21...	Yes	Y		1	1.2	39	1.2	78	1.5	34	1	72	1										
45	1.2D + 1.5Lm2 + 1.0Wm (24...	Yes	Y		1	1.2	39	1.2	78	1.5	35	1	73	1										
46	1.2D + 1.5Lm2 + 1.0Wm (27...	Yes	Y		1	1.2	39	1.2	78	1.5	36	1	74	1										
47	1.2D + 1.5Lm2 + 1.0Wm (30...	Yes	Y		1	1.2	39	1.2	78	1.5	37	1	75	1										
48	1.2D + 1.5Lm2 + 1.0Wm (33...	Yes	Y		1	1.2	39	1.2	78	1.5	38	1	76	1										
49	1.2D + 1.5Lv1	Yes	Y		1	1.2	39	1.2	79	1.5														
50	1.2D + 1.5Lv2	Yes	Y		1	1.2	39	1.2	80	1.5														
51	1.4D	Yes	Y		1	1.4	39	1.4																
52	Seismic Mass		Y		1	1	39	1																
53	1.2D + 1.0Ev + 1.0Eh (0 Deg)		Y		1	1.2	39	1.2	SX		SY	1	SZ	-1										
54	1.2D + 1.0Ev + 1.0Eh (30 D...		Y		1	1.2	39	1.2	SX	.5	SY	1	SZ	-.8...										
55	1.2D + 1.0Ev + 1.0Eh (60 D...		Y		1	1.2	39	1.2	SX	.866	SY	1	SZ	-.5										
56	1.2D + 1.0Ev + 1.0Eh (90 D...		Y		1	1.2	39	1.2	SX	1	SY	1	SZ											
57	1.2D + 1.0Ev + 1.0Eh (120 ...		Y		1	1.2	39	1.2	SX	.866	SY	1	SZ	.5										
58	1.2D + 1.0Ev + 1.0Eh (150 ...		Y		1	1.2	39	1.2	SX	.5	SY	1	SZ	.866										
59	1.2D + 1.0Ev + 1.0Eh (180 ...		Y		1	1.2	39	1.2	SX		SY	1	SZ	1										
60	1.2D + 1.0Ev + 1.0Eh (210 ...		Y		1	1.2	39	1.2	SX	-.5	SY	1	SZ	.866										
61	1.2D + 1.0Ev + 1.0Eh (240 ...		Y		1	1.2	39	1.2	SX	-.8...	SY	1	SZ	.5										
62	1.2D + 1.0Ev + 1.0Eh (270 ...		Y		1	1.2	39	1.2	SX	-1	SY	1	SZ											
63	1.2D + 1.0Ev + 1.0Eh (300 ...		Y		1	1.2	39	1.2	SX	-.8...	SY	1	SZ	-.5										
64	1.2D + 1.0Ev + 1.0Eh (330 ...		Y		1	1.2	39	1.2	SX	-.5	SY	1	SZ	-.8...										

Joint Coordinates and Temperatures

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
1	N1	0.	0	3.0792	0	
2	N2	5.333333	0	3.0792	0	
3	N3	-5.333333	0	3.0792	0	
4	N4	-2.666667	0	-1.539602	0	
5	N5	-0.	0	-6.158404	0	
6	N7	2.666667	0	-1.539602	0	
7	N7A	0	0	-0.000001	0	
8	N8	-0.	0	-1.741738	0	
9	N11	2.549964	0	-1.741738	0	
10	N12	-2.549964	0	-1.741738	0	
11	N11A	-2.783371	0	-1.337465	0	
12	N12A	-0.233408	0	3.0792	0	
13	N13	0.233408	0	3.0792	0	
14	N14	2.783371	0	-1.337465	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
15	N15	-4.666667	0	3.0792	0	
16	N20	-5.000001	0	2.501852	0	
17	N24	-5.333333	-0.208333	3.0792	0	
18	N25	-4.666667	-0.208333	3.0792	0	
19	N26	-4.999999	-0.208333	2.501852	0	
20	N27	-4.833333	-0.208333	2.790526	0	
21	N22	5.000001	0	2.501852	0	
22	N23	4.666667	0	3.0792	0	
23	N24A	5.333333	-0.208333	3.0792	0	
24	N25A	4.999999	-0.208333	2.501852	0	
25	N26A	4.666667	-0.208333	3.0792	0	
26	N27A	4.833333	-0.208333	2.790525	0	
27	N29	-0.333335	0	-5.581052	0	
28	N30	0.333335	0	-5.581052	0	
29	N31	-0.	-0.208333	-6.158404	0	
30	N32	-0.333332	-0.208333	-5.581052	0	
31	N33	0.333332	-0.208333	-5.581052	0	
32	N34	-0.	-0.208333	-5.581052	0	
33	N33A	-0.	-0.208333	-7.081052	0	
34	N35	-6.132371	-0.208333	3.540526	0	
35	N37	6.132371	-0.208333	3.540525	0	
36	N36	0.	3.25	3.0792	0	
37	N39	-2.666667	3.25	-1.539602	0	
38	N41	2.666667	3.25	-1.539602	0	
39	N50	-4.666667	3.25	3.0792	0	
40	N51	-4.999999	3.25	2.501852	0	
41	N54	-0.333332	3.25	-5.581052	0	
42	N55	0.333332	3.25	-5.581052	0	
43	N56	-6.666667	3.25	3.0792	0	
44	N57	5.833333	3.25	3.0792	0	
45	N58	5.166665	3.25	2.790527	0	
46	N59	0.166665	3.25	-5.869727	0	
47	N60	-0.166665	3.25	-5.869727	0	
48	N61	-5.166665	3.25	2.790527	0	
49	N59A	-4.833333	3.291667	2.790526	0	
50	N79	-0.	3.291667	-5.581052	0	
51	N72	0.416667	0	-1.741738	0	
52	N73	-0.416667	0	-1.741738	0	
53	N75A	-1.716722	0	0.510025	0	
54	N76A	-1.300056	0	1.231713	0	
55	N77A	1.50839	0	0.870868	0	
56	N78A	1.300056	0	1.231713	0	
57	N79A	1.716722	0	0.510025	0	
58	N82	-1.458333	0	3.0792	0	
59	N83	-1.458333	3.25	3.0792	0	
60	N86	4.833333	0	3.0792	0	
61	N87	4.833333	3.25	3.0792	0	
62	N88	-4.833333	0	3.0792	0	
63	N89	-4.833333	3.25	3.0792	0	
64	N90	1.937501	0	-2.802554	0	
65	N91	1.937499	3.25	-2.802554	0	
66	N92	3.395835	0	-0.276646	0	
67	N93	3.395832	3.25	-0.276646	0	
68	N96	0.250001	0	-5.725389	0	
69	N97	0.249999	3.25	-5.725389	0	
70	N98	5.083335	0	2.646189	0	
71	N99	5.083332	3.25	2.646189	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
72	N100	-3.395835	0	-0.276646	0	
73	N101	-3.395832	3.25	-0.276646	0	
74	N102	-1.937501	0	-2.802554	0	
75	N103	-1.937499	3.25	-2.802554	0	
76	N106	-5.083335	0	2.646189	0	
77	N107	-5.083332	3.25	2.646189	0	
78	N108	-0.250001	0	-5.725389	0	
79	N109	-0.249999	3.25	-5.725389	0	
80	N110	.75	-0.208333	-7.081052	0	
81	N112	-.75	-0.208333	-7.081052	0	
82	N114	-1	-0.208333	-7.081052	0	
83	N118	1	-0.208333	-7.081052	0	
84	N118A	-6.507371	-0.208333	2.891007	0	
85	N120	-5.757371	-0.208333	4.190045	0	
86	N122	-5.632371	-0.208333	4.406551	0	
87	N124	-6.632371	-0.208333	2.674501	0	
88	N126	5.757371	-0.208333	4.190045	0	
89	N128	6.507371	-0.208333	2.891007	0	
90	N130	6.632371	-0.208333	2.674501	0	
91	N132	5.632371	-0.208333	4.406551	0	
92	N165	-5.632371	4.333333	4.406551	0	
93	N166	5.632371	4.125	4.406551	0	
94	N169	-5.632371	-2.333333	4.406551	0	
95	N170	5.632371	-2.333333	4.406551	0	
96	N174	1.000001	0	-4.426352	0	
97	N176	0.999999	3.25	-4.426351	0	
98	N179	1.180421	0	-4.530518	0	
99	N180	1.180421	3.25	-4.530518	0	
100	N181	1.180421	-2.333333	-4.530518	0	
101	N182	1.180421	4.333333	-4.530518	0	
102	N187	6.632371	4.333333	2.674501	0	
103	N188	1	4.333333	-7.081052	0	
104	N191	6.632371	-2.333333	2.674501	0	
105	N192	1	-2.333333	-7.081052	0	
106	N209	-1	4.333333	-7.081052	0	
107	N210	-6.632371	4.333333	2.674501	0	
108	N213	-1	-2.333333	-7.081052	0	
109	N214	-6.632371	-2.333333	2.674501	0	
110	N184A	-6.25	0	3.0792	0	
111	N185A	-5	3.416667	3.0792	0	
112	N195B	-0.	0	-1.187501	0	
113	N187A	-0.666668	3.25	-7.313103	0	
114	N189A	0.250001	3.25	-6.591415	0	
115	N189B	-0.	0	-7.408404	0	
116	N190B	-0.	0	-5.908404	0	
117	N191A	-5.999995	3.25	4.233901	0	
118	N193A	-5	3.25	3.079196	0	
119	N194A	6.666667	3.25	3.079196	0	
120	N142	1.958334	0	-2.76647	0	
121	N143	1.958332	3.25	-2.766469	0	
122	N144	2.138754	0	-2.870636	0	
123	N145	2.138754	3.25	-2.870636	0	
124	N146	2.138754	-2.666667	-2.870636	0	
125	N147	2.138754	4.333333	-2.870636	0	
126	N156	-4.666667	0.208333	3.0792	0	
127	N157	-4.999999	0.208333	2.501852	0	
128	N158	-4.833333	0.208333	2.790526	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
129	N159	-6.132371	0.208333	3.540526	0	
130	N160	-6.507371	0.208333	2.891007	0	
131	N161	-5.757371	0.208333	4.190045	0	
132	N162	-5.632371	0.208333	4.406551	0	
133	N163	-6.632371	0.208333	2.674501	0	
134	N165A	5	0.208333	2.50185	0	
135	N166A	4.666668	0.208333	3.079198	0	
136	N167	4.833334	0.208333	2.790524	0	
137	N168	6.132372	0.208333	3.540524	0	
138	N169A	5.757372	0.208333	4.190043	0	
139	N170A	6.507372	0.208333	2.891005	0	
140	N171	6.632371	0.208333	2.674501	0	
141	N172	5.632371	0.208333	4.406551	0	
142	N176A	-0.333333	0.208333	-5.581054	0	
143	N177	0.333331	0.208333	-5.581054	0	
144	N178	-0.000001	0.208333	-5.581054	0	
145	N179A	-0.000001	0.208333	-7.081054	0	
146	N180A	0.749999	0.208333	-7.081054	0	
147	N181A	-0.750001	0.208333	-7.081054	0	
148	N182A	-1	0.208333	-7.081052	0	
149	N183	1	0.208333	-7.081052	0	
150	N178A	-0.	3.25	-6.158404	0	
151	N179B	0.749998	3.25	-4.859365	0	
152	N180B	0.551536	3.25	-4.744783	0	
153	N181B	4.583331	3.25	1.780163	0	
154	N182B	4.384869	3.25	1.894745	0	
155	N184	-4.58333	3.25	1.780164	0	
156	N185	-4.384869	3.25	1.894745	0	
157	N186	-0.749998	3.25	-4.859365	0	
158	N187B	-0.551536	3.25	-4.744783	0	
159	N189	3.833333	3.25	3.079196	0	
160	N190	3.833333	3.25	2.850033	0	
161	N191B	-3.833333	3.25	3.079196	0	
162	N192A	-3.833333	3.25	2.850033	0	
163	N194	-1.50839	0	0.870868	0	
164	N192B	2.383297	0	-2.030413	0	
165	N193	2.950038	0	-1.048789	0	
166	N194B	2.383297	3.25	-2.030413	0	
167	N195	2.908368	3.25	-1.120958	0	
168	N197	-2.950036	3.25	-1.048792	0	
169	N198	-2.383296	3.25	-2.030415	0	
170	N200	0.566739	3.25	3.0792	0	
171	N201	-0.566742	3.25	3.0792	0	
172	N200A	2.908371	3.45	-1.120958	0	
173	N202	2.42496	3.25	-1.958246	0	
174	N203	2.424962	3.45	-1.958246	0	
175	N204	-2.424959	3.25	-1.958246	0	
176	N205	-2.424962	3.45	-1.958246	0	
177	N206	-2.908367	3.25	-1.120958	0	
178	N207	-2.908371	3.45	-1.120958	0	
179	N209A	-0.483408	3.25	3.079196	0	
180	N210A	-0.483408	3.45	3.0792	0	
181	N211	0.483408	3.25	3.079196	0	
182	N212	0.483408	3.45	3.0792	0	
183	N212A	-4.333333	0	1.347148	0	
184	N213A	-4.333329	3.25	1.34715	0	
185	N214A	-4.513753	0	1.242983	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
186	N215	-4.513753	3.25	1.242983	0	
187	N216	-4.513753	-2.333333	1.242983	0	
188	N217A	-4.513753	4.333333	1.242983	0	
189	N218	-3.374999	0	-0.312734	0	
190	N219	-3.374996	3.25	-0.312732	0	
191	N220B	-3.555419	0	-0.416899	0	
192	N221A	-3.555419	3.25	-0.416899	0	
193	N222B	-3.555419	-2.666667	-0.416899	0	
194	N223A	-3.555419	4.333333	-0.416899	0	
195	N231A	3.333332	0	3.0792	0	
196	N232A	3.333332	3.25	3.079196	0	
197	N233A	3.333332	0	3.287531	0	
198	N234A	3.333332	3.25	3.287531	0	
199	N235A	3.333332	-2.333333	3.287531	0	
200	N236A	3.333332	4.541667	3.287531	0	
201	N237A	1.416665	0	3.0792	0	
202	N238A	1.416665	3.25	3.079196	0	
203	N239	1.416665	0	3.287531	0	
204	N240	1.416665	3.25	3.287531	0	
205	N241	1.416665	-2.666667	3.287531	0	
206	N242	1.416665	4.333333	3.287531	0	
207	N243	-2.916668	0	3.0792	0	
208	N244	-2.916668	3.25	3.079196	0	
209	N245	-2.916668	0	3.287531	0	
210	N246	-2.916668	3.25	3.287531	0	
211	N247	-2.916668	-2	3.287531	0	
212	N248	-2.916668	4	3.287531	0	
213	N247A	1.416665	1.625	3.287531	0	
214	N239A	4.125001	0	0.986306	0	
215	N240A	4.124999	3.25	0.986307	0	
216	N241A	4.305421	0	0.882141	0	
217	N242A	4.305421	3.25	0.882141	0	
218	N243A	4.305421	-2	0.882141	0	
219	N244A	4.305421	4	0.882141	0	
220	N247B	-1.208333	0	-4.065511	0	
221	N248B	-1.20833	3.25	-4.065509	0	
222	N249A	-1.388753	0	-4.169676	0	
223	N250	-1.388753	3.25	-4.169676	0	
224	N251	-1.388753	-2	-4.169676	0	
225	N252	-1.388753	4	-4.169676	0	
226	N249	-5.632371	1.625	4.406551	0	
227	N250A	-5.632371	3.916667	4.406551	0	
228	N251A	-5.632371	-0.666667	4.406551	0	
229	N252A	-2.916668	1.625	3.287531	0	
230	N252B	-2.916668	3.625	3.287531	0	
231	N253	-2.916668	-0.375	3.287531	0	
232	N254	3.333332	4.291667	3.287531	0	
233	N255	3.333332	3.291667	3.287531	0	
234	N256	3.333332	1.291667	3.287531	0	
235	N257	3.333332	0.829167	3.287531	0	
236	N258	3.333332	-1.795833	3.287531	0	
237	N259	3.333332	-2.379167	3.287531	0	
238	N260	-2.916668	2	3.287531	0	
239	N261	1.416665	2	3.287531	0	
240	N262	-2.916668	-.75	3.287531	0	
241	N263	-2.916668	2.75	3.287531	0	
242	N267	-3.16827	0	1.8292	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
243	N268	-3.889958	0	0.5792	0	
244	N269	-2.446582	0	3.0792	0	
245	N270	-2.779915	0	2.50185	0	
246	N271	-1.120035	0	1.543517	0	
247	N272	-1.949974	0	2.022683	0	
248	N273	-1.372624	0	1.68935	0	
249	N274	-2.527325	0	2.356016	0	
250	N275	-1.372624	2	1.68935	0	
251	N276	-2.527325	2	2.356016	0	
252	N277	-1.372624	-3	1.68935	0	
253	N278	-2.527325	-3	2.356016	0	
254	N279	-1.372624	1.166667	1.68935	0	
255	N280	-1.372624	0.333333	1.68935	0	
256	N281	-1.372624	-.5	1.68935	0	
257	N282	-1.372624	-1.333333	1.68935	0	
258	N283	-1.372624	-2.166667	1.68935	0	
259	N284	-2.527325	-2.166667	2.356016	0	
260	N285	-2.527325	-1.333333	2.356016	0	
261	N286	-2.527325	-.5	2.356016	0	
262	N287	-2.527325	0.333333	2.356016	0	
263	N288	-2.527325	1.166667	2.356016	0	

Hot Rolled Steel Section Sets

	Label	Shape	Type	Design List	Material	Design ...	A [in2]	Iyy [in4]	Izz [in4]	J [in4]
1	Mount Pipe	PIPE_2.0	Beam	Pipe	A53 Gr. B	Typical	1.02	.627	.627	1.25
2	Dual Mount Pipe	PIPE_2.5	Beam	Pipe	A53 Gr. B	Typical	1.61	1.45	1.45	2.89
3	Mod Support Rail br...	PIPE_2.0	Beam	Pipe	A53 Gr. B	Typical	1.02	.627	.627	1.25
4	FH	C5X6.7	Beam	Channel	A36 Gr.36	Typical	1.97	.47	7.48	.055
5	S.O. Hor	C5X6.7	Beam	Channel	A36 Gr.36	Typical	1.97	.47	7.48	.055
6	Corner Channel	C6X8.2	Beam	Channel	A36 Gr.36	Typical	2.39	.687	13.1	.074
7	Ladder	L2x2x4	Beam	Single Angle	A36 Gr.36	Typical	.944	.346	.346	.021
8	Support Rail	PIPE_2.0	Beam	Single Angle	A53 Gr. B	Typical	1.02	.627	.627	1.25
9	Ladder Rungs	SR_0.75	Beam	Single Angle	A36 Gr.36	Typical	.442	.016	.016	.031
10	Crossmember	L2x2x3	Beam	Single Angle	A36 Gr.36	Typical	.722	.271	.271	.009
11	Corner Plate	PL3/8X8	Beam	RECT	A36 Gr.36	Typical	3	.035	16	.136
12	Support Rail Corner	L2.5x2.5x3	Beam	RECT	A36 Gr.36	Typical	.901	.535	.535	.011
13	Corner HHS	HSS2X2X4	Beam	SquareTube	A500 Gr. B 42	Typical	1.51	.747	.747	1.31

Hot Rolled Steel Properties

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

Member Primary Data

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
1	M1	N3	N1		180	FH	Beam	Channel	A36 Gr.36	Typical
2	M2	N1	N2		180	FH	Beam	Channel	A36 Gr.36	Typical
3	M3	N2	N7		180	FH	Beam	Channel	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
4	M4	N7	N5		180	FH	Beam	Channel	A36 Gr.36	Typical
5	M5	N5	N4		180	FH	Beam	Channel	A36 Gr.36	Typical
6	M6	N4	N3		180	FH	Beam	Channel	A36 Gr.36	Typical
7	M7	N12	N11		180	S.O. Hor	Beam	Channel	A36 Gr.36	Typical
8	M8	N12A	N11A		180	S.O. Hor	Beam	Channel	A36 Gr.36	Typical
9	M9	N14	N13		180	S.O. Hor	Beam	Channel	A36 Gr.36	Typical
10	M13	N25	N26		90	Corner Plate	Beam	RECT	A36 Gr.36	Typical
11	M13A	N3	N24			RIGID	None	None	RIGID	Typical
12	M14	N15	N25			RIGID	None	None	RIGID	Typical
13	M15	N20	N26			RIGID	None	None	RIGID	Typical
14	M14A	N25A	N26A		90	Corner Plate	Beam	RECT	A36 Gr.36	Typical
15	M15A	N2	N24A			RIGID	None	None	RIGID	Typical
16	M16	N22	N25A			RIGID	None	None	RIGID	Typical
17	M17	N23	N26A			RIGID	None	None	RIGID	Typical
18	M18	N32	N33		90	Corner Plate	Beam	RECT	A36 Gr.36	Typical
19	M19	N5	N31			RIGID	None	None	RIGID	Typical
20	M20	N29	N32			RIGID	None	None	RIGID	Typical
21	M21	N30	N33			RIGID	None	None	RIGID	Typical
22	M22	N34	N33A		90	S.O. Hor	Beam	Channel	A36 Gr.36	Typical
23	M23	N27	N35		90	S.O. Hor	Beam	Channel	A36 Gr.36	Typical
24	M24	N27A	N37		90	S.O. Hor	Beam	Channel	A36 Gr.36	Typical
25	M74	N112	N110			Corner HHS	Beam	SquareTube	A500 Gr. ...	Typical
26	M75	N112	N114			RIGID	None	None	RIGID	Typical
27	M77	N110	N118			RIGID	None	None	RIGID	Typical
28	M80	N120	N118A			Corner HHS	Beam	SquareTube	A500 Gr. ...	Typical
29	M81	N120	N122			RIGID	None	None	RIGID	Typical
30	M83	N118A	N124			RIGID	None	None	RIGID	Typical
31	M86	N128	N126			Corner HHS	Beam	SquareTube	A500 Gr. ...	Typical
32	M87	N128	N130			RIGID	None	None	RIGID	Typical
33	M89	N126	N132			RIGID	None	None	RIGID	Typical
34	MP5A	N165	N169			Mount Pipe	Beam	Pipe	A53 Gr. B	Typical
35	MP1A	N166	N170			Mount Pipe	Beam	Pipe	A53 Gr. B	Typical
36	M107	N176	N180			RIGID	None	None	RIGID	Typical
37	M108	N174	N179			RIGID	None	None	RIGID	Typical
38	MP2C	N182	N181			Mount Pipe	Beam	Pipe	A53 Gr. B	Typical
39	MP5C	N187	N191			Mount Pipe	Beam	Pipe	A53 Gr. B	Typical
40	MP1C	N188	N192			Mount Pipe	Beam	Pipe	A53 Gr. B	Typical
41	MP5B	N209	N213			Mount Pipe	Beam	Pipe	A53 Gr. B	Typical
42	MP1B	N210	N214			Mount Pipe	Beam	Pipe	A53 Gr. B	Typical
43	M77A	N187A	N58		90	Support Rail	Beam	Single Angle	A53 Gr. B	Typical
44	M77B	N191A	N60		90	Support Rail	Beam	Single Angle	A53 Gr. B	Typical
45	M78	N194A	N193A		90	Support Rail	Beam	Single Angle	A53 Gr. B	Typical
46	M55	N143	N145			RIGID	None	None	RIGID	Typical
47	M56	N142	N144			RIGID	None	None	RIGID	Typical
48	MP3C	N147	N146			Mount Pipe	Beam	Pipe	A53 Gr. B	Typical
49	M61	N156	N157		90	Corner Plate	Beam	RECT	A36 Gr.36	Typical
50	M62	N15	N156			RIGID	None	None	RIGID	Typical
51	M63	N20	N157			RIGID	None	None	RIGID	Typical
52	M64	N158	N159		270	S.O. Hor	Beam	Channel	A36 Gr.36	Typical
53	M65	N161	N160			Corner HHS	Beam	SquareTube	A500 Gr. ...	Typical
54	M66	N161	N162			RIGID	None	None	RIGID	Typical
55	M67	N160	N163			RIGID	None	None	RIGID	Typical
56	M68	N165A	N166A		90	Corner Plate	Beam	RECT	A36 Gr.36	Typical
57	M69	N22	N165A		120	RIGID	None	None	RIGID	Typical
58	M70	N23	N166A		120	RIGID	None	None	RIGID	Typical
59	M71	N167	N168		270	S.O. Hor	Beam	Channel	A36 Gr.36	Typical
60	M72	N170A	N169A			Corner HHS	Beam	SquareTube	A500 Gr. ...	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
61	M73	N170A	N171			RIGID	None	None	RIGID	Typical
62	M74A	N169A	N172			RIGID	None	None	RIGID	Typical
63	M75A	N176A	N177		90	Corner Plate	Beam	RECT	A36 Gr.36	Typical
64	M76	N29	N176A		240	RIGID	None	None	RIGID	Typical
65	M77C	N30	N177		240	RIGID	None	None	RIGID	Typical
66	M78A	N178	N179A		270	S.O. Hor	Beam	Channel	A36 Gr.36	Typical
67	M79	N181A	N180A			Corner HHS	Beam	SquareTube	A500 Gr. ...	Typical
68	M80A	N181A	N182A			RIGID	None	None	RIGID	Typical
69	M81A	N180A	N183			RIGID	None	None	RIGID	Typical
70	M82	N179B	N180B			RIGID	None	None	RIGID	Typical
71	M83A	N181B	N182B			RIGID	None	None	RIGID	Typical
72	M84	N184	N185			RIGID	None	None	RIGID	Typical
73	M85	N186	N187B			RIGID	None	None	RIGID	Typical
74	M86A	N189	N190			RIGID	None	None	RIGID	Typical
75	M87A	N191B	N192A			RIGID	None	None	RIGID	Typical
76	M88	N182B	N190		180	Support Rail C...	Beam	RECT	A36 Gr.36	Typical
77	M89A	N187B	N180B		180	Support Rail C...	Beam	RECT	A36 Gr.36	Typical
78	M90	N192A	N185		180	Support Rail C...	Beam	RECT	A36 Gr.36	Typical
79	M99	N200A	N195			RIGID	None	None	RIGID	Typical
80	M100	N203	N202			RIGID	None	None	RIGID	Typical
81	M101	N205	N204		240	RIGID	None	None	RIGID	Typical
82	M102	N207	N206		240	RIGID	None	None	RIGID	Typical
83	M103	N210A	N209A		120	RIGID	None	None	RIGID	Typical
84	M104	N212	N211		120	RIGID	None	None	RIGID	Typical
85	M105	N200A	N212			Mod Support ...	Beam	Pipe	A53 Gr. B	Typical
86	M112	N205	N203			Mod Support ...	Beam	Pipe	A53 Gr. B	Typical
87	M119	N210A	N207			Mod Support ...	Beam	Pipe	A53 Gr. B	Typical
88	M120	N213A	N215			RIGID	None	None	RIGID	Typical
89	M121	N212A	N214A			RIGID	None	None	RIGID	Typical
90	MP2B	N217A	N216		240	Mount Pipe	Beam	Pipe	A53 Gr. B	Typical
91	M123	N219	N221A			RIGID	None	None	RIGID	Typical
92	M124	N218	N220B			RIGID	None	None	RIGID	Typical
93	MP3B	N223A	N222B		240	Mount Pipe	Beam	Pipe	A53 Gr. B	Typical
94	M129A	N232A	N234A			RIGID	None	None	RIGID	Typical
95	M130A	N231A	N233A			RIGID	None	None	RIGID	Typical
96	MP2A	N236A	N235A		120	Mount Pipe	Beam	Pipe	A53 Gr. B	Typical
97	M132A	N238A	N240			RIGID	None	None	RIGID	Typical
98	LLIVE1	N237A	N239			RIGID	None	None	RIGID	Typical
99	MP3A	N242	N241		120	Mount Pipe	Beam	Pipe	A53 Gr. B	Typical
100	M135A	N244	N246			RIGID	None	None	RIGID	Typical
101	LIVE2	N243	N245			RIGID	None	None	RIGID	Typical
102	MP4A	N248	N247		120	Dual Mount Pipe	Beam	Pipe	A53 Gr. B	Typical
103	M132B	N240A	N242A			RIGID	None	None	RIGID	Typical
104	M133B	N239A	N241A			RIGID	None	None	RIGID	Typical
105	MP4C	N244A	N243A			Dual Mount Pipe	Beam	Pipe	A53 Gr. B	Typical
106	M135B	N248B	N250			RIGID	None	None	RIGID	Typical
107	M136A	N247B	N249A			RIGID	None	None	RIGID	Typical
108	MP4B	N252	N251		240	Dual Mount Pipe	Beam	Pipe	A53 Gr. B	Typical
109	M139	N269	N268		180	S.O. Hor	Beam	Channel	A36 Gr.36	Typical
110	M140	N270	N271			Ladder	Beam	Single Angle	A36 Gr.36	Typical
111	M141	N275	N277		330	Ladder	Beam	Single Angle	A36 Gr.36	Typical
112	M142	N278	N276		210	Ladder	Beam	Single Angle	A36 Gr.36	Typical
113	M143	N279	N288			Ladder Rungs	Beam	Single Angle	A36 Gr.36	Typical
114	M144	N287	N280			Ladder Rungs	Beam	Single Angle	A36 Gr.36	Typical
115	M145	N281	N286			Ladder Rungs	Beam	Single Angle	A36 Gr.36	Typical
116	M146	N285	N282			Ladder Rungs	Beam	Single Angle	A36 Gr.36	Typical
117	M147	N283	N284			Ladder Rungs	Beam	Single Angle	A36 Gr.36	Typical

Member Advanced Data

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
1	M1						Yes				None
2	M2						Yes				None
3	M3						Yes				None
4	M4						Yes				None
5	M5						Yes				None
6	M6						Yes				None
7	M7						Yes				None
8	M8						Yes				None
9	M9						Yes				None
10	M13						Yes				None
11	M13A						Yes	** NA **			None
12	M14						Yes	** NA **			None
13	M15						Yes	** NA **			None
14	M14A						Yes				None
15	M15A						Yes	** NA **			None
16	M16						Yes	** NA **			None
17	M17						Yes	** NA **			None
18	M18						Yes				None
19	M19						Yes	** NA **			None
20	M20						Yes	** NA **			None
21	M21						Yes	** NA **			None
22	M22						Yes				None
23	M23						Yes				None
24	M24						Yes				None
25	M74						Yes				None
26	M75	OOOOOX					Yes	** NA **			None
27	M77	OOOOOX					Yes	** NA **			None
28	M80						Yes				None
29	M81	OOOOOX					Yes	** NA **			None
30	M83	OOOOOX					Yes	** NA **			None
31	M86						Yes				None
32	M87	OOOOOX					Yes	** NA **			None
33	M89	OOOOOX					Yes	** NA **			None
34	MP5A						Yes				None
35	MP1A						Yes				None
36	M107						Yes	** NA **			None
37	M108		OOOXOO				Yes	** NA **			None
38	MP2C						Yes				None
39	MP5C						Yes				None
40	MP1C						Yes				None
41	MP5B						Yes				None
42	MP1B						Yes				None
43	M77A						Yes				None
44	M77B						Yes				None
45	M78						Yes				None
46	M55						Yes	** NA **			None
47	M56		OOOXOO				Yes	** NA **			None
48	MP3C						Yes				None
49	M61						Yes				None
50	M62						Yes	** NA **			None
51	M63						Yes	** NA **			None
52	M64						Yes				None
53	M65						Yes				None
54	M66	OOOOOX					Yes	** NA **			None
55	M67	OOOOOX					Yes	** NA **			None
56	M68						Yes				None

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
57	M69						Yes	** NA **			None
58	M70						Yes	** NA **			None
59	M71						Yes				None
60	M72						Yes				None
61	M73	OOOOOX					Yes	** NA **			None
62	M74A	OOOOOX					Yes	** NA **			None
63	M75A						Yes				None
64	M76						Yes	** NA **			None
65	M77C						Yes	** NA **			None
66	M78A						Yes				None
67	M79						Yes				None
68	M80A	OOOOOX					Yes	** NA **			None
69	M81A	OOOOOX					Yes	** NA **			None
70	M82	OOOOOX					Yes	** NA **			None
71	M83A	OOOOOX					Yes	** NA **			None
72	M84	OOOOOX					Yes	** NA **			None
73	M85	OOOOOX					Yes	** NA **			None
74	M86A	OOOOOX					Yes	** NA **			None
75	M87A	OOOOOX					Yes	** NA **			None
76	M88						Yes	Default			None
77	M89A						Yes	Default			None
78	M90						Yes	Default			None
79	M99						Yes	** NA **			None
80	M100						Yes	** NA **			None
81	M101						Yes	** NA **			None
82	M102						Yes	** NA **			None
83	M103						Yes	** NA **			None
84	M104						Yes	** NA **			None
85	M105	BenPIN	BenPIN				Yes				None
86	M112	BenPIN	BenPIN				Yes				None
87	M119	BenPIN	BenPIN				Yes				None
88	M120						Yes	** NA **			None
89	M121		OOOXOO				Yes	** NA **			None
90	MP2B						Yes				None
91	M123						Yes	** NA **			None
92	M124		OOOXOO				Yes	** NA **			None
93	MP3B						Yes				None
94	M129A						Yes	** NA **			None
95	M130A		OOOXOO				Yes	** NA **			None
96	MP2A						Yes				None
97	M132A						Yes	** NA **			None
98	LLIVE1		OOOXOO				Yes	** NA **			None
99	MP3A						Yes				None
100	M135A						Yes	** NA **			None
101	LIVE2		OOOXOO				Yes	** NA **			None
102	MP4A						Yes				None
103	M132B						Yes	** NA **			None
104	M133B		OOOXOO				Yes	** NA **			None
105	MP4C						Yes				None
106	M135B						Yes	** NA **			None
107	M136A		OOOXOO				Yes	** NA **			None
108	MP4B						Yes				None
109	M139					Euler Buc...	Yes				None
110	M140						Yes				None
111	M141						Yes				None
112	M142						Yes				None
113	M143	BenPIN	BenPIN				Yes				None

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
114	M144	BenPIN	BenPIN				Yes				None
115	M145	BenPIN	BenPIN				Yes				None
116	M146	BenPIN	BenPIN				Yes				None
117	M147	BenPIN	BenPIN				Yes				None

Member Point Loads (BLC 1 : Antenna D)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	Y	-43.55	.25
2	MP2A	My	-.022	.25
3	MP2A	Mz	0	.25
4	MP2A	Y	-43.55	3.25
5	MP2A	My	-.022	3.25
6	MP2A	Mz	0	3.25
7	MP2B	Y	-43.55	.25
8	MP2B	My	.014	.25
9	MP2B	Mz	-.017	.25
10	MP2B	Y	-43.55	3.25
11	MP2B	My	.014	3.25
12	MP2B	Mz	-.017	3.25
13	MP2C	Y	-43.55	.25
14	MP2C	My	.011	.25
15	MP2C	Mz	.019	.25
16	MP2C	Y	-43.55	3.25
17	MP2C	My	.011	3.25
18	MP2C	Mz	.019	3.25
19	MP1A	Y	-10.5	.42
20	MP1A	My	-.008	.42
21	MP1A	Mz	0	.42
22	MP1A	Y	-10.5	5
23	MP1A	My	-.008	5
24	MP1A	Mz	0	5
25	MP1B	Y	-10.5	.42
26	MP1B	My	.005	.42
27	MP1B	Mz	-.006	.42
28	MP1B	Y	-10.5	5
29	MP1B	My	.005	5
30	MP1B	Mz	-.006	5
31	MP1C	Y	-10.5	.42
32	MP1C	My	.004	.42
33	MP1C	Mz	.007	.42
34	MP1C	Y	-10.5	5
35	MP1C	My	.004	5
36	MP1C	Mz	.007	5
37	MP5A	Y	-10.5	.42
38	MP5A	My	-.008	.42
39	MP5A	Mz	0	.42
40	MP5A	Y	-10.5	5
41	MP5A	My	-.008	5
42	MP5A	Mz	0	5
43	MP5B	Y	-10.5	.42
44	MP5B	My	.005	.42
45	MP5B	Mz	-.006	.42
46	MP5B	Y	-10.5	5
47	MP5B	My	.005	5
48	MP5B	Mz	-.006	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
49	MP5C	Y	-10.5	.42
50	MP5C	My	.004	.42
51	MP5C	Mz	.007	.42
52	MP5C	Y	-10.5	5
53	MP5C	My	.004	5
54	MP5C	Mz	.007	5
55	MP2A	Y	-18.7	5.67
56	MP2A	My	-.014	5.67
57	MP2A	Mz	0	5.67
58	MP2B	Y	-18.7	5.67
59	MP2B	My	.009	5.67
60	MP2B	Mz	-.011	5.67
61	MP2C	Y	-18.7	5.67
62	MP2C	My	.007	5.67
63	MP2C	Mz	.012	5.67
64	MP3A	Y	-84.4	2.33
65	MP3A	My	.07	2.33
66	MP3A	Mz	0	2.33
67	MP3B	Y	-84.4	2.33
68	MP3B	My	-.045	2.33
69	MP3B	Mz	.054	2.33
70	MP3C	Y	-84.4	2.33
71	MP3C	My	-.035	2.33
72	MP3C	Mz	-.061	2.33
73	MP4A	Y	-70.3	2
74	MP4A	My	.059	2
75	MP4A	Mz	0	2
76	MP4B	Y	-70.3	2
77	MP4B	My	-.038	2
78	MP4B	Mz	.045	2
79	MP4C	Y	-70.3	2
80	MP4C	My	-.029	2
81	MP4C	Mz	-.051	2
82	MP2B	Y	-26.9	2.33
83	MP2B	My	-.009	2.33
84	MP2B	Mz	.01	2.33
85	MP2C	Y	-26.9	2.33
86	MP2C	My	-.007	2.33
87	MP2C	Mz	-.012	2.33
88	MP3A	Y	-10.4	4.75
89	MP3A	My	.004	4.75
90	MP3A	Mz	0	4.75
91	MP3B	Y	-10.4	4.75
92	MP3B	My	-.003	4.75
93	MP3B	Mz	.003	4.75
94	MP3C	Y	-10.4	4.75
95	MP3C	My	-.002	4.75
96	MP3C	Mz	-.004	4.75
97	MP4C	Y	-10.4	4.75
98	MP4C	My	-.002	4.75
99	MP4C	Mz	-.004	4.75
100	MP4A	Y	-10.4	4.75
101	MP4A	My	.004	4.75
102	MP4A	Mz	0	4.75
103	MP4B	Y	-10.4	4.75
104	MP4B	My	-.003	4.75
105	MP4B	Mz	.003	4.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
106	MP4A	Y	-49	.38
107	MP4A	My	-.053	.38
108	MP4A	Mz	.033	.38
109	MP4A	Y	-49	4.38
110	MP4A	My	-.053	4.38
111	MP4A	Mz	.033	4.38
112	MP4B	Y	-49	.38
113	MP4B	My	.009	.38
114	MP4B	Mz	-.062	.38
115	MP4B	Y	-49	4.38
116	MP4B	My	.009	4.38
117	MP4B	Mz	-.062	4.38
118	MP4C	Y	-49	.38
119	MP4C	My	.055	.38
120	MP4C	Mz	.03	.38
121	MP4C	Y	-49	4.38
122	MP4C	My	.055	4.38
123	MP4C	Mz	.03	4.38
124	MP4A	Y	-49	.38
125	MP4A	My	-.053	.38
126	MP4A	Mz	-.033	.38
127	MP4A	Y	-49	4.38
128	MP4A	My	-.053	4.38
129	MP4A	Mz	-.033	4.38
130	MP4B	Y	-49	.38
131	MP4B	My	.059	.38
132	MP4B	Mz	-.02	.38
133	MP4B	Y	-49	4.38
134	MP4B	My	.059	4.38
135	MP4B	Mz	-.02	4.38
136	MP4C	Y	-49	.38
137	MP4C	My	-.002	.38
138	MP4C	Mz	.062	.38
139	MP4C	Y	-49	4.38
140	MP4C	My	-.002	4.38
141	MP4C	Mz	.062	4.38

Member Point Loads (BLC 2 : Antenna Di)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	Y	-36.754	.25
2	MP2A	My	-.018	.25
3	MP2A	Mz	0	.25
4	MP2A	Y	-36.754	3.25
5	MP2A	My	-.018	3.25
6	MP2A	Mz	0	3.25
7	MP2B	Y	-36.754	.25
8	MP2B	My	.012	.25
9	MP2B	Mz	-.014	.25
10	MP2B	Y	-36.754	3.25
11	MP2B	My	.012	3.25
12	MP2B	Mz	-.014	3.25
13	MP2C	Y	-36.754	.25
14	MP2C	My	.009	.25
15	MP2C	Mz	.016	.25
16	MP2C	Y	-36.754	3.25
17	MP2C	My	.009	3.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
18	MP2C	Mz	.016	3.25
19	MP1A	Y	-61.118	.42
20	MP1A	My	-.046	.42
21	MP1A	Mz	0	.42
22	MP1A	Y	-61.118	5
23	MP1A	My	-.046	5
24	MP1A	Mz	0	5
25	MP1B	Y	-61.118	.42
26	MP1B	My	.029	.42
27	MP1B	Mz	-.035	.42
28	MP1B	Y	-61.118	5
29	MP1B	My	.029	5
30	MP1B	Mz	-.035	5
31	MP1C	Y	-61.118	.42
32	MP1C	My	.023	.42
33	MP1C	Mz	.04	.42
34	MP1C	Y	-61.118	5
35	MP1C	My	.023	5
36	MP1C	Mz	.04	5
37	MP5A	Y	-61.118	.42
38	MP5A	My	-.046	.42
39	MP5A	Mz	0	.42
40	MP5A	Y	-61.118	5
41	MP5A	My	-.046	5
42	MP5A	Mz	0	5
43	MP5B	Y	-61.118	.42
44	MP5B	My	.029	.42
45	MP5B	Mz	-.035	.42
46	MP5B	Y	-61.118	5
47	MP5B	My	.029	5
48	MP5B	Mz	-.035	5
49	MP5C	Y	-61.118	.42
50	MP5C	My	.023	.42
51	MP5C	Mz	.04	.42
52	MP5C	Y	-61.118	5
53	MP5C	My	.023	5
54	MP5C	Mz	.04	5
55	MP2A	Y	-20.526	5.67
56	MP2A	My	-.015	5.67
57	MP2A	Mz	0	5.67
58	MP2B	Y	-20.526	5.67
59	MP2B	My	.01	5.67
60	MP2B	Mz	-.012	5.67
61	MP2C	Y	-20.526	5.67
62	MP2C	My	.008	5.67
63	MP2C	Mz	.013	5.67
64	MP3A	Y	-46.36	2.33
65	MP3A	My	.039	2.33
66	MP3A	Mz	0	2.33
67	MP3B	Y	-46.36	2.33
68	MP3B	My	-.025	2.33
69	MP3B	Mz	.03	2.33
70	MP3C	Y	-46.36	2.33
71	MP3C	My	-.019	2.33
72	MP3C	Mz	-.033	2.33
73	MP4A	Y	-41.702	2
74	MP4A	My	.035	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
75	MP4A	Mz	0	2
76	MP4B	Y	-41.702	2
77	MP4B	My	-.022	2
78	MP4B	Mz	.027	2
79	MP4C	Y	-41.702	2
80	MP4C	My	-.017	2
81	MP4C	Mz	-.03	2
82	MP2B	Y	-57.067	2.33
83	MP2B	My	-.018	2.33
84	MP2B	Mz	.022	2.33
85	MP2C	Y	-57.067	2.33
86	MP2C	My	-.014	2.33
87	MP2C	Mz	-.025	2.33
88	MP3A	Y	-11.134	4.75
89	MP3A	My	.005	4.75
90	MP3A	Mz	0	4.75
91	MP3B	Y	-11.134	4.75
92	MP3B	My	-.003	4.75
93	MP3B	Mz	.004	4.75
94	MP3C	Y	-11.134	4.75
95	MP3C	My	-.002	4.75
96	MP3C	Mz	-.004	4.75
97	MP4C	Y	-11.134	4.75
98	MP4C	My	-.002	4.75
99	MP4C	Mz	-.004	4.75
100	MP4A	Y	-11.134	4.75
101	MP4A	My	.005	4.75
102	MP4A	Mz	0	4.75
103	MP4B	Y	-11.134	4.75
104	MP4B	My	-.003	4.75
105	MP4B	Mz	.004	4.75
106	MP4A	Y	-92.754	.38
107	MP4A	My	-.1	.38
108	MP4A	Mz	.062	.38
109	MP4A	Y	-92.754	4.38
110	MP4A	My	-.1	4.38
111	MP4A	Mz	.062	4.38
112	MP4B	Y	-92.754	.38
113	MP4B	My	.017	.38
114	MP4B	Mz	-.117	.38
115	MP4B	Y	-92.754	4.38
116	MP4B	My	.017	4.38
117	MP4B	Mz	-.117	4.38
118	MP4C	Y	-92.754	.38
119	MP4C	My	.104	.38
120	MP4C	Mz	.056	.38
121	MP4C	Y	-92.754	4.38
122	MP4C	My	.104	4.38
123	MP4C	Mz	.056	4.38
124	MP4A	Y	-92.754	.38
125	MP4A	My	-.1	.38
126	MP4A	Mz	-.062	.38
127	MP4A	Y	-92.754	4.38
128	MP4A	My	-.1	4.38
129	MP4A	Mz	-.062	4.38
130	MP4B	Y	-92.754	.38
131	MP4B	My	.112	.38

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
132	MP4B	Mz	-.037	.38
133	MP4B	Y	-92.754	4.38
134	MP4B	My	.112	4.38
135	MP4B	Mz	-.037	4.38
136	MP4C	Y	-92.754	.38
137	MP4C	My	-.003	.38
138	MP4C	Mz	.118	.38
139	MP4C	Y	-92.754	4.38
140	MP4C	My	-.003	4.38
141	MP4C	Mz	.118	4.38

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	.25
2	MP2A	Z	-98.317	.25
3	MP2A	Mx	0	.25
4	MP2A	X	0	3.25
5	MP2A	Z	-98.317	3.25
6	MP2A	Mx	0	3.25
7	MP2B	X	0	.25
8	MP2B	Z	-63.21	.25
9	MP2B	Mx	.024	.25
10	MP2B	X	0	3.25
11	MP2B	Z	-63.21	3.25
12	MP2B	Mx	.024	3.25
13	MP2C	X	0	.25
14	MP2C	Z	-53.447	.25
15	MP2C	Mx	-.023	.25
16	MP2C	X	0	3.25
17	MP2C	Z	-53.447	3.25
18	MP2C	Mx	-.023	3.25
19	MP1A	X	0	.42
20	MP1A	Z	-147.476	.42
21	MP1A	Mx	0	.42
22	MP1A	X	0	5
23	MP1A	Z	-147.476	5
24	MP1A	Mx	0	5
25	MP1B	X	0	.42
26	MP1B	Z	-136.53	.42
27	MP1B	Mx	.078	.42
28	MP1B	X	0	5
29	MP1B	Z	-136.53	5
30	MP1B	Mx	.078	5
31	MP1C	X	0	.42
32	MP1C	Z	-133.486	.42
33	MP1C	Mx	-.087	.42
34	MP1C	X	0	5
35	MP1C	Z	-133.486	5
36	MP1C	Mx	-.087	5
37	MP5A	X	0	.42
38	MP5A	Z	-147.476	.42
39	MP5A	Mx	0	.42
40	MP5A	X	0	5
41	MP5A	Z	-147.476	5
42	MP5A	Mx	0	5
43	MP5B	X	0	.42

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
44	MP5B	Z	-136.53	.42
45	MP5B	Mx	.078	.42
46	MP5B	X	0	5
47	MP5B	Z	-136.53	5
48	MP5B	Mx	.078	5
49	MP5C	X	0	.42
50	MP5C	Z	-133.486	.42
51	MP5C	Mx	-.087	.42
52	MP5C	X	0	5
53	MP5C	Z	-133.486	5
54	MP5C	Mx	-.087	5
55	MP2A	X	0	5.67
56	MP2A	Z	-41.837	5.67
57	MP2A	Mx	0	5.67
58	MP2B	X	0	5.67
59	MP2B	Z	-29.588	5.67
60	MP2B	Mx	.017	5.67
61	MP2C	X	0	5.67
62	MP2C	Z	-26.182	5.67
63	MP2C	Mx	-.017	5.67
64	MP3A	X	0	2.33
65	MP3A	Z	-78.235	2.33
66	MP3A	Mx	0	2.33
67	MP3B	X	0	2.33
68	MP3B	Z	-63.014	2.33
69	MP3B	Mx	-.04	2.33
70	MP3C	X	0	2.33
71	MP3C	Z	-58.781	2.33
72	MP3C	Mx	.042	2.33
73	MP4A	X	0	2
74	MP4A	Z	-78.235	2
75	MP4A	Mx	0	2
76	MP4B	X	0	2
77	MP4B	Z	-57.183	2
78	MP4B	Mx	-.037	2
79	MP4C	X	0	2
80	MP4C	Z	-51.329	2
81	MP4C	Mx	.037	2
82	MP2B	X	0	2.33
83	MP2B	Z	-83.074	2.33
84	MP2B	Mx	-.032	2.33
85	MP2C	X	0	2.33
86	MP2C	Z	-77.09	2.33
87	MP2C	Mx	.033	2.33
88	MP3A	X	0	4.75
89	MP3A	Z	-15.48	4.75
90	MP3A	Mx	0	4.75
91	MP3B	X	0	4.75
92	MP3B	Z	-12.681	4.75
93	MP3B	Mx	-.004	4.75
94	MP3C	X	0	4.75
95	MP3C	Z	-11.903	4.75
96	MP3C	Mx	.004	4.75
97	MP4C	X	0	4.75
98	MP4C	Z	-11.903	4.75
99	MP4C	Mx	.004	4.75
100	MP4A	X	0	4.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
101	MP4A	Z	-15.48	4.75
102	MP4A	Mx	0	4.75
103	MP4B	X	0	4.75
104	MP4B	Z	-12.681	4.75
105	MP4B	Mx	-.004	4.75
106	MP4A	X	0	.38
107	MP4A	Z	-239.935	.38
108	MP4A	Mx	-.16	.38
109	MP4A	X	0	4.38
110	MP4A	Z	-239.935	4.38
111	MP4A	Mx	-.16	4.38
112	MP4B	X	0	.38
113	MP4B	Z	-216.98	.38
114	MP4B	Mx	.273	.38
115	MP4B	X	0	4.38
116	MP4B	Z	-216.98	4.38
117	MP4B	Mx	.273	4.38
118	MP4C	X	0	.38
119	MP4C	Z	-210.597	.38
120	MP4C	Mx	-.127	.38
121	MP4C	X	0	4.38
122	MP4C	Z	-210.597	4.38
123	MP4C	Mx	-.127	4.38
124	MP4A	X	0	.38
125	MP4A	Z	-239.935	.38
126	MP4A	Mx	.16	.38
127	MP4A	X	0	4.38
128	MP4A	Z	-239.935	4.38
129	MP4A	Mx	.16	4.38
130	MP4B	X	0	.38
131	MP4B	Z	-216.98	.38
132	MP4B	Mx	.087	.38
133	MP4B	X	0	4.38
134	MP4B	Z	-216.98	4.38
135	MP4B	Mx	.087	4.38
136	MP4C	X	0	.38
137	MP4C	Z	-210.597	.38
138	MP4C	Mx	-.268	.38
139	MP4C	X	0	4.38
140	MP4C	Z	-210.597	4.38
141	MP4C	Mx	-.268	4.38

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	41.68	.25
2	MP2A	Z	-72.192	.25
3	MP2A	Mx	-.021	.25
4	MP2A	X	41.68	3.25
5	MP2A	Z	-72.192	3.25
6	MP2A	Mx	-.021	3.25
7	MP2B	X	20.147	.25
8	MP2B	Z	-34.896	.25
9	MP2B	Mx	.02	.25
10	MP2B	X	20.147	3.25
11	MP2B	Z	-34.896	3.25
12	MP2B	Mx	.02	3.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
13	MP2C	X	41.68	.25
14	MP2C	Z	-72.192	.25
15	MP2C	Mx	-.021	.25
16	MP2C	X	41.68	3.25
17	MP2C	Z	-72.192	3.25
18	MP2C	Mx	-.021	3.25
19	MP1A	X	71.406	.42
20	MP1A	Z	-123.679	.42
21	MP1A	Mx	-.054	.42
22	MP1A	X	71.406	5
23	MP1A	Z	-123.679	5
24	MP1A	Mx	-.054	5
25	MP1B	X	64.693	.42
26	MP1B	Z	-112.051	.42
27	MP1B	Mx	.096	.42
28	MP1B	X	64.693	5
29	MP1B	Z	-112.051	5
30	MP1B	Mx	.096	5
31	MP1C	X	71.406	.42
32	MP1C	Z	-123.679	.42
33	MP1C	Mx	-.054	.42
34	MP1C	X	71.406	5
35	MP1C	Z	-123.679	5
36	MP1C	Mx	-.054	5
37	MP5A	X	71.406	.42
38	MP5A	Z	-123.679	.42
39	MP5A	Mx	-.054	.42
40	MP5A	X	71.406	5
41	MP5A	Z	-123.679	5
42	MP5A	Mx	-.054	5
43	MP5B	X	64.693	.42
44	MP5B	Z	-112.051	.42
45	MP5B	Mx	.096	.42
46	MP5B	X	64.693	5
47	MP5B	Z	-112.051	5
48	MP5B	Mx	.096	5
49	MP5C	X	71.406	.42
50	MP5C	Z	-123.679	.42
51	MP5C	Mx	-.054	.42
52	MP5C	X	71.406	5
53	MP5C	Z	-123.679	5
54	MP5C	Mx	-.054	5
55	MP2A	X	18.309	5.67
56	MP2A	Z	-31.713	5.67
57	MP2A	Mx	-.014	5.67
58	MP2B	X	10.797	5.67
59	MP2B	Z	-18.7	5.67
60	MP2B	Mx	.016	5.67
61	MP2C	X	18.309	5.67
62	MP2C	Z	-31.713	5.67
63	MP2C	Mx	-.014	5.67
64	MP3A	X	35.875	2.33
65	MP3A	Z	-62.138	2.33
66	MP3A	Mx	.03	2.33
67	MP3B	X	26.539	2.33
68	MP3B	Z	-45.967	2.33
69	MP3B	Mx	-.044	2.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
70	MP3C	X	35.875	2.33
71	MP3C	Z	-62.138	2.33
72	MP3C	Mx	.03	2.33
73	MP4A	X	34.633	2
74	MP4A	Z	-59.987	2
75	MP4A	Mx	.029	2
76	MP4B	X	21.721	2
77	MP4B	Z	-37.622	2
78	MP4B	Mx	-.036	2
79	MP4C	X	34.633	2
80	MP4C	Z	-59.987	2
81	MP4C	Mx	.029	2
82	MP2B	X	34.514	2.33
83	MP2B	Z	-59.78	2.33
84	MP2B	Mx	-.034	2.33
85	MP2C	X	47.713	2.33
86	MP2C	Z	-82.641	2.33
87	MP2C	Mx	.024	2.33
88	MP3A	X	7.144	4.75
89	MP3A	Z	-12.373	4.75
90	MP3A	Mx	.003	4.75
91	MP3B	X	5.427	4.75
92	MP3B	Z	-9.4	4.75
93	MP3B	Mx	-.004	4.75
94	MP3C	X	7.144	4.75
95	MP3C	Z	-12.373	4.75
96	MP3C	Mx	.003	4.75
97	MP4C	X	7.144	4.75
98	MP4C	Z	-12.373	4.75
99	MP4C	Mx	.003	4.75
100	MP4A	X	7.144	4.75
101	MP4A	Z	-12.373	4.75
102	MP4A	Mx	.003	4.75
103	MP4B	X	5.427	4.75
104	MP4B	Z	-9.4	4.75
105	MP4B	Mx	-.004	4.75
106	MP4A	X	115.078	.38
107	MP4A	Z	-199.321	.38
108	MP4A	Mx	-.258	.38
109	MP4A	X	115.078	4.38
110	MP4A	Z	-199.321	4.38
111	MP4A	Mx	-.258	4.38
112	MP4B	X	100.999	.38
113	MP4B	Z	-174.935	.38
114	MP4B	Mx	.239	.38
115	MP4B	X	100.999	4.38
116	MP4B	Z	-174.935	4.38
117	MP4B	Mx	.239	4.38
118	MP4C	X	115.078	.38
119	MP4C	Z	-199.321	.38
120	MP4C	Mx	.008	.38
121	MP4C	X	115.078	4.38
122	MP4C	Z	-199.321	4.38
123	MP4C	Mx	.008	4.38
124	MP4A	X	115.078	.38
125	MP4A	Z	-199.321	.38
126	MP4A	Mx	.008	.38

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
127	MP4A	X	115.078	4.38
128	MP4A	Z	-199.321	4.38
129	MP4A	Mx	.008	4.38
130	MP4B	X	100.999	.38
131	MP4B	Z	-174.935	.38
132	MP4B	Mx	.192	.38
133	MP4B	X	100.999	4.38
134	MP4B	Z	-174.935	4.38
135	MP4B	Mx	.192	4.38
136	MP4C	X	115.078	.38
137	MP4C	Z	-199.321	.38
138	MP4C	Mx	-.258	.38
139	MP4C	X	115.078	4.38
140	MP4C	Z	-199.321	4.38
141	MP4C	Mx	-.258	4.38

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	46.287	.25
2	MP2A	Z	-26.724	.25
3	MP2A	Mx	-.023	.25
4	MP2A	X	46.287	3.25
5	MP2A	Z	-26.724	3.25
6	MP2A	Mx	-.023	3.25
7	MP2B	X	39.395	.25
8	MP2B	Z	-22.745	.25
9	MP2B	Mx	.021	.25
10	MP2B	X	39.395	3.25
11	MP2B	Z	-22.745	3.25
12	MP2B	Mx	.021	3.25
13	MP2C	X	85.145	.25
14	MP2C	Z	-49.159	.25
15	MP2C	Mx	0	.25
16	MP2C	X	85.145	3.25
17	MP2C	Z	-49.159	3.25
18	MP2C	Mx	0	3.25
19	MP1A	X	115.603	.42
20	MP1A	Z	-66.743	.42
21	MP1A	Mx	-.087	.42
22	MP1A	X	115.603	5
23	MP1A	Z	-66.743	5
24	MP1A	Mx	-.087	5
25	MP1B	X	113.454	.42
26	MP1B	Z	-65.503	.42
27	MP1B	Mx	.092	.42
28	MP1B	X	113.454	5
29	MP1B	Z	-65.503	5
30	MP1B	Mx	.092	5
31	MP1C	X	127.718	.42
32	MP1C	Z	-73.738	.42
33	MP1C	Mx	0	.42
34	MP1C	X	127.718	5
35	MP1C	Z	-73.738	5
36	MP1C	Mx	0	5
37	MP5A	X	115.603	.42
38	MP5A	Z	-66.743	.42

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
39	MP5A	Mx	-.087	.42
40	MP5A	X	115.603	5
41	MP5A	Z	-66.743	5
42	MP5A	Mx	-.087	5
43	MP5B	X	113.454	.42
44	MP5B	Z	-65.503	.42
45	MP5B	Mx	.092	.42
46	MP5B	X	113.454	5
47	MP5B	Z	-65.503	5
48	MP5B	Mx	.092	5
49	MP5C	X	127.718	.42
50	MP5C	Z	-73.738	.42
51	MP5C	Mx	0	.42
52	MP5C	X	127.718	5
53	MP5C	Z	-73.738	5
54	MP5C	Mx	0	5
55	MP2A	X	22.674	5.67
56	MP2A	Z	-13.091	5.67
57	MP2A	Mx	-.017	5.67
58	MP2B	X	20.27	5.67
59	MP2B	Z	-11.703	5.67
60	MP2B	Mx	.016	5.67
61	MP2C	X	36.232	5.67
62	MP2C	Z	-20.919	5.67
63	MP2C	Mx	0	5.67
64	MP3A	X	50.906	2.33
65	MP3A	Z	-29.391	2.33
66	MP3A	Mx	.042	2.33
67	MP3B	X	47.918	2.33
68	MP3B	Z	-27.665	2.33
69	MP3B	Mx	-.043	2.33
70	MP3C	X	67.754	2.33
71	MP3C	Z	-39.118	2.33
72	MP3C	Mx	0	2.33
73	MP4A	X	44.452	2
74	MP4A	Z	-25.664	2
75	MP4A	Mx	.037	2
76	MP4B	X	40.319	2
77	MP4B	Z	-23.278	2
78	MP4B	Mx	-.036	2
79	MP4C	X	67.754	2
80	MP4C	Z	-39.118	2
81	MP4C	Mx	0	2
82	MP2B	X	62.537	2.33
83	MP2B	Z	-36.106	2.33
84	MP2B	Mx	-.034	2.33
85	MP2C	X	90.58	2.33
86	MP2C	Z	-52.296	2.33
87	MP2C	Mx	0	2.33
88	MP3A	X	10.308	4.75
89	MP3A	Z	-5.951	4.75
90	MP3A	Mx	.004	4.75
91	MP3B	X	9.759	4.75
92	MP3B	Z	-5.634	4.75
93	MP3B	Mx	-.004	4.75
94	MP3C	X	13.406	4.75
95	MP3C	Z	-7.74	4.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
96	MP3C	Mx	0	4.75
97	MP4C	X	13.406	4.75
98	MP4C	Z	-7.74	4.75
99	MP4C	Mx	0	4.75
100	MP4A	X	10.308	4.75
101	MP4A	Z	-5.951	4.75
102	MP4A	Mx	.004	4.75
103	MP4B	X	9.759	4.75
104	MP4B	Z	-5.634	4.75
105	MP4B	Mx	-.004	4.75
106	MP4A	X	182.383	.38
107	MP4A	Z	-105.299	.38
108	MP4A	Mx	-.268	.38
109	MP4A	X	182.383	4.38
110	MP4A	Z	-105.299	4.38
111	MP4A	Mx	-.268	4.38
112	MP4B	X	177.876	.38
113	MP4B	Z	-102.697	.38
114	MP4B	Mx	.162	.38
115	MP4B	X	177.876	4.38
116	MP4B	Z	-102.697	4.38
117	MP4B	Mx	.162	4.38
118	MP4C	X	207.79	.38
119	MP4C	Z	-119.968	.38
120	MP4C	Mx	.16	.38
121	MP4C	X	207.79	4.38
122	MP4C	Z	-119.968	4.38
123	MP4C	Mx	.16	4.38
124	MP4A	X	182.383	.38
125	MP4A	Z	-105.299	.38
126	MP4A	Mx	-.127	.38
127	MP4A	X	182.383	4.38
128	MP4A	Z	-105.299	4.38
129	MP4A	Mx	-.127	4.38
130	MP4B	X	177.876	.38
131	MP4B	Z	-102.697	.38
132	MP4B	Mx	.256	.38
133	MP4B	X	177.876	4.38
134	MP4B	Z	-102.697	4.38
135	MP4B	Mx	.256	4.38
136	MP4C	X	207.79	.38
137	MP4C	Z	-119.968	.38
138	MP4C	Mx	-.16	.38
139	MP4C	X	207.79	4.38
140	MP4C	Z	-119.968	4.38
141	MP4C	Mx	-.16	4.38

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	38.491	.25
2	MP2A	Z	0	.25
3	MP2A	Mx	-.019	.25
4	MP2A	X	38.491	3.25
5	MP2A	Z	0	3.25
6	MP2A	Mx	-.019	3.25
7	MP2B	X	73.598	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
8	MP2B	Z	0	.25
9	MP2B	Mx	.024	.25
10	MP2B	X	73.598	3.25
11	MP2B	Z	0	3.25
12	MP2B	Mx	.024	3.25
13	MP2C	X	83.361	.25
14	MP2C	Z	0	.25
15	MP2C	Mx	.021	.25
16	MP2C	X	83.361	3.25
17	MP2C	Z	0	3.25
18	MP2C	Mx	.021	3.25
19	MP1A	X	128.823	.42
20	MP1A	Z	0	.42
21	MP1A	Mx	-.097	.42
22	MP1A	X	128.823	5
23	MP1A	Z	0	5
24	MP1A	Mx	-.097	5
25	MP1B	X	139.769	.42
26	MP1B	Z	0	.42
27	MP1B	Mx	.067	.42
28	MP1B	X	139.769	5
29	MP1B	Z	0	5
30	MP1B	Mx	.067	5
31	MP1C	X	142.812	.42
32	MP1C	Z	0	.42
33	MP1C	Mx	.054	.42
34	MP1C	X	142.812	5
35	MP1C	Z	0	5
36	MP1C	Mx	.054	5
37	MP5A	X	128.823	.42
38	MP5A	Z	0	.42
39	MP5A	Mx	-.097	.42
40	MP5A	X	128.823	5
41	MP5A	Z	0	5
42	MP5A	Mx	-.097	5
43	MP5B	X	139.769	.42
44	MP5B	Z	0	.42
45	MP5B	Mx	.067	.42
46	MP5B	X	139.769	5
47	MP5B	Z	0	5
48	MP5B	Mx	.067	5
49	MP5C	X	142.812	.42
50	MP5C	Z	0	.42
51	MP5C	Mx	.054	.42
52	MP5C	X	142.812	5
53	MP5C	Z	0	5
54	MP5C	Mx	.054	5
55	MP2A	X	20.964	5.67
56	MP2A	Z	0	5.67
57	MP2A	Mx	-.016	5.67
58	MP2B	X	33.213	5.67
59	MP2B	Z	0	5.67
60	MP2B	Mx	.016	5.67
61	MP2C	X	36.619	5.67
62	MP2C	Z	0	5.67
63	MP2C	Mx	.014	5.67
64	MP3A	X	52.296	2.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
65	MP3A	Z	0	2.33
66	MP3A	Mx	.044	2.33
67	MP3B	X	67.518	2.33
68	MP3B	Z	0	2.33
69	MP3B	Mx	-.036	2.33
70	MP3C	X	71.751	2.33
71	MP3C	Z	0	2.33
72	MP3C	Mx	-.03	2.33
73	MP4A	X	42.36	2
74	MP4A	Z	0	2
75	MP4A	Mx	.035	2
76	MP4B	X	63.412	2
77	MP4B	Z	0	2
78	MP4B	Mx	-.034	2
79	MP4C	X	69.266	2
80	MP4C	Z	0	2
81	MP4C	Mx	-.029	2
82	MP2B	X	89.441	2.33
83	MP2B	Z	0	2.33
84	MP2B	Mx	-.029	2.33
85	MP2C	X	95.425	2.33
86	MP2C	Z	0	2.33
87	MP2C	Mx	-.024	2.33
88	MP3A	X	10.71	4.75
89	MP3A	Z	0	4.75
90	MP3A	Mx	.004	4.75
91	MP3B	X	13.509	4.75
92	MP3B	Z	0	4.75
93	MP3B	Mx	-.004	4.75
94	MP3C	X	14.287	4.75
95	MP3C	Z	0	4.75
96	MP3C	Mx	-.003	4.75
97	MP4C	X	14.287	4.75
98	MP4C	Z	0	4.75
99	MP4C	Mx	-.003	4.75
100	MP4A	X	10.71	4.75
101	MP4A	Z	0	4.75
102	MP4A	Mx	.004	4.75
103	MP4B	X	13.509	4.75
104	MP4B	Z	0	4.75
105	MP4B	Mx	-.004	4.75
106	MP4A	X	200.818	.38
107	MP4A	Z	0	.38
108	MP4A	Mx	-.218	.38
109	MP4A	X	200.818	4.38
110	MP4A	Z	0	4.38
111	MP4A	Mx	-.218	4.38
112	MP4B	X	223.773	.38
113	MP4B	Z	0	.38
114	MP4B	Mx	.042	.38
115	MP4B	X	223.773	4.38
116	MP4B	Z	0	4.38
117	MP4B	Mx	.042	4.38
118	MP4C	X	230.156	.38
119	MP4C	Z	0	.38
120	MP4C	Mx	.258	.38
121	MP4C	X	230.156	4.38

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
122	MP4C	Z	0	4.38
123	MP4C	Mx	.258	4.38
124	MP4A	X	200.818	.38
125	MP4A	Z	0	.38
126	MP4A	Mx	-.218	.38
127	MP4A	X	200.818	4.38
128	MP4A	Z	0	4.38
129	MP4A	Mx	-.218	4.38
130	MP4B	X	223.773	.38
131	MP4B	Z	0	.38
132	MP4B	Mx	.27	.38
133	MP4B	X	223.773	4.38
134	MP4B	Z	0	4.38
135	MP4B	Mx	.27	4.38
136	MP4C	X	230.156	.38
137	MP4C	Z	0	.38
138	MP4C	Mx	-.008	.38
139	MP4C	X	230.156	4.38
140	MP4C	Z	0	4.38
141	MP4C	Mx	-.008	4.38

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	46.287	.25
2	MP2A	Z	26.724	.25
3	MP2A	Mx	-.023	.25
4	MP2A	X	46.287	3.25
5	MP2A	Z	26.724	3.25
6	MP2A	Mx	-.023	3.25
7	MP2B	X	83.583	.25
8	MP2B	Z	48.257	.25
9	MP2B	Mx	.008	.25
10	MP2B	X	83.583	3.25
11	MP2B	Z	48.257	3.25
12	MP2B	Mx	.008	3.25
13	MP2C	X	46.287	.25
14	MP2C	Z	26.724	.25
15	MP2C	Mx	.023	.25
16	MP2C	X	46.287	3.25
17	MP2C	Z	26.724	3.25
18	MP2C	Mx	.023	3.25
19	MP1A	X	115.603	.42
20	MP1A	Z	66.743	.42
21	MP1A	Mx	-.087	.42
22	MP1A	X	115.603	5
23	MP1A	Z	66.743	5
24	MP1A	Mx	-.087	5
25	MP1B	X	127.23	.42
26	MP1B	Z	73.457	.42
27	MP1B	Mx	.019	.42
28	MP1B	X	127.23	5
29	MP1B	Z	73.457	5
30	MP1B	Mx	.019	5
31	MP1C	X	115.603	.42
32	MP1C	Z	66.743	.42
33	MP1C	Mx	.087	.42

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
34	MP1C	X	115.603	5
35	MP1C	Z	66.743	5
36	MP1C	Mx	.087	5
37	MP5A	X	115.603	.42
38	MP5A	Z	66.743	.42
39	MP5A	Mx	-.087	.42
40	MP5A	X	115.603	5
41	MP5A	Z	66.743	5
42	MP5A	Mx	-.087	5
43	MP5B	X	127.23	.42
44	MP5B	Z	73.457	.42
45	MP5B	Mx	.019	.42
46	MP5B	X	127.23	5
47	MP5B	Z	73.457	5
48	MP5B	Mx	.019	5
49	MP5C	X	115.603	.42
50	MP5C	Z	66.743	.42
51	MP5C	Mx	.087	.42
52	MP5C	X	115.603	5
53	MP5C	Z	66.743	5
54	MP5C	Mx	.087	5
55	MP2A	X	22.674	5.67
56	MP2A	Z	13.091	5.67
57	MP2A	Mx	-.017	5.67
58	MP2B	X	35.687	5.67
59	MP2B	Z	20.604	5.67
60	MP2B	Mx	.005	5.67
61	MP2C	X	22.674	5.67
62	MP2C	Z	13.091	5.67
63	MP2C	Mx	.017	5.67
64	MP3A	X	50.906	2.33
65	MP3A	Z	29.391	2.33
66	MP3A	Mx	.042	2.33
67	MP3B	X	67.076	2.33
68	MP3B	Z	38.727	2.33
69	MP3B	Mx	-.011	2.33
70	MP3C	X	50.906	2.33
71	MP3C	Z	29.391	2.33
72	MP3C	Mx	-.042	2.33
73	MP4A	X	44.452	2
74	MP4A	Z	25.664	2
75	MP4A	Mx	.037	2
76	MP4B	X	66.817	2
77	MP4B	Z	38.577	2
78	MP4B	Mx	-.011	2
79	MP4C	X	44.452	2
80	MP4C	Z	25.664	2
81	MP4C	Mx	-.037	2
82	MP2B	X	89.622	2.33
83	MP2B	Z	51.743	2.33
84	MP2B	Mx	-.009	2.33
85	MP2C	X	66.762	2.33
86	MP2C	Z	38.545	2.33
87	MP2C	Mx	-.033	2.33
88	MP3A	X	10.308	4.75
89	MP3A	Z	5.951	4.75
90	MP3A	Mx	.004	4.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
91	MP3B	X	13.281	4.75
92	MP3B	Z	7.668	4.75
93	MP3B	Mx	-.001	4.75
94	MP3C	X	10.308	4.75
95	MP3C	Z	5.951	4.75
96	MP3C	Mx	-.004	4.75
97	MP4C	X	10.308	4.75
98	MP4C	Z	5.951	4.75
99	MP4C	Mx	-.004	4.75
100	MP4A	X	10.308	4.75
101	MP4A	Z	5.951	4.75
102	MP4A	Mx	.004	4.75
103	MP4B	X	13.281	4.75
104	MP4B	Z	7.668	4.75
105	MP4B	Mx	-.001	4.75
106	MP4A	X	182.383	.38
107	MP4A	Z	105.299	.38
108	MP4A	Mx	-.127	.38
109	MP4A	X	182.383	4.38
110	MP4A	Z	105.299	4.38
111	MP4A	Mx	-.127	4.38
112	MP4B	X	206.769	.38
113	MP4B	Z	119.378	.38
114	MP4B	Mx	-.112	.38
115	MP4B	X	206.769	4.38
116	MP4B	Z	119.378	4.38
117	MP4B	Mx	-.112	4.38
118	MP4C	X	182.383	.38
119	MP4C	Z	105.299	.38
120	MP4C	Mx	.268	.38
121	MP4C	X	182.383	4.38
122	MP4C	Z	105.299	4.38
123	MP4C	Mx	.268	4.38
124	MP4A	X	182.383	.38
125	MP4A	Z	105.299	.38
126	MP4A	Mx	-.268	.38
127	MP4A	X	182.383	4.38
128	MP4A	Z	105.299	4.38
129	MP4A	Mx	-.268	4.38
130	MP4B	X	206.769	.38
131	MP4B	Z	119.378	.38
132	MP4B	Mx	.202	.38
133	MP4B	X	206.769	4.38
134	MP4B	Z	119.378	4.38
135	MP4B	Mx	.202	4.38
136	MP4C	X	182.383	.38
137	MP4C	Z	105.299	.38
138	MP4C	Mx	.127	.38
139	MP4C	X	182.383	4.38
140	MP4C	Z	105.299	4.38
141	MP4C	Mx	.127	4.38

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	41.68	.25
2	MP2A	Z	72.192	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
3	MP2A	Mx	-.021	.25
4	MP2A	X	41.68	3.25
5	MP2A	Z	72.192	3.25
6	MP2A	Mx	-.021	3.25
7	MP2B	X	45.659	.25
8	MP2B	Z	79.084	.25
9	MP2B	Mx	-.016	.25
10	MP2B	X	45.659	3.25
11	MP2B	Z	79.084	3.25
12	MP2B	Mx	-.016	3.25
13	MP2C	X	19.245	.25
14	MP2C	Z	33.334	.25
15	MP2C	Mx	.019	.25
16	MP2C	X	19.245	3.25
17	MP2C	Z	33.334	3.25
18	MP2C	Mx	.019	3.25
19	MP1A	X	71.406	.42
20	MP1A	Z	123.679	.42
21	MP1A	Mx	-.054	.42
22	MP1A	X	71.406	5
23	MP1A	Z	123.679	5
24	MP1A	Mx	-.054	5
25	MP1B	X	72.647	.42
26	MP1B	Z	125.828	.42
27	MP1B	Mx	-.037	.42
28	MP1B	X	72.647	5
29	MP1B	Z	125.828	5
30	MP1B	Mx	-.037	5
31	MP1C	X	64.412	.42
32	MP1C	Z	111.564	.42
33	MP1C	Mx	.097	.42
34	MP1C	X	64.412	5
35	MP1C	Z	111.564	5
36	MP1C	Mx	.097	5
37	MP5A	X	71.406	.42
38	MP5A	Z	123.679	.42
39	MP5A	Mx	-.054	.42
40	MP5A	X	71.406	5
41	MP5A	Z	123.679	5
42	MP5A	Mx	-.054	5
43	MP5B	X	72.647	.42
44	MP5B	Z	125.828	.42
45	MP5B	Mx	-.037	.42
46	MP5B	X	72.647	5
47	MP5B	Z	125.828	5
48	MP5B	Mx	-.037	5
49	MP5C	X	64.412	.42
50	MP5C	Z	111.564	.42
51	MP5C	Mx	.097	.42
52	MP5C	X	64.412	5
53	MP5C	Z	111.564	5
54	MP5C	Mx	.097	5
55	MP2A	X	18.309	5.67
56	MP2A	Z	31.713	5.67
57	MP2A	Mx	-.014	5.67
58	MP2B	X	19.698	5.67
59	MP2B	Z	34.117	5.67

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
60	MP2B	Mx	-.01	5.67
61	MP2C	X	10.482	5.67
62	MP2C	Z	18.155	5.67
63	MP2C	Mx	.016	5.67
64	MP3A	X	35.875	2.33
65	MP3A	Z	62.138	2.33
66	MP3A	Mx	.03	2.33
67	MP3B	X	37.6	2.33
68	MP3B	Z	65.126	2.33
69	MP3B	Mx	.021	2.33
70	MP3C	X	26.148	2.33
71	MP3C	Z	45.29	2.33
72	MP3C	Mx	-.044	2.33
73	MP4A	X	34.633	2
74	MP4A	Z	59.987	2
75	MP4A	Mx	.029	2
76	MP4B	X	37.019	2
77	MP4B	Z	64.119	2
78	MP4B	Mx	.021	2
79	MP4C	X	21.18	2
80	MP4C	Z	36.685	2
81	MP4C	Mx	-.035	2
82	MP2B	X	50.152	2.33
83	MP2B	Z	86.865	2.33
84	MP2B	Mx	.017	2.33
85	MP2C	X	33.961	2.33
86	MP2C	Z	58.823	2.33
87	MP2C	Mx	-.034	2.33
88	MP3A	X	7.144	4.75
89	MP3A	Z	12.373	4.75
90	MP3A	Mx	.003	4.75
91	MP3B	X	7.461	4.75
92	MP3B	Z	12.923	4.75
93	MP3B	Mx	.002	4.75
94	MP3C	X	5.355	4.75
95	MP3C	Z	9.275	4.75
96	MP3C	Mx	-.004	4.75
97	MP4C	X	5.355	4.75
98	MP4C	Z	9.275	4.75
99	MP4C	Mx	-.004	4.75
100	MP4A	X	7.144	4.75
101	MP4A	Z	12.373	4.75
102	MP4A	Mx	.003	4.75
103	MP4B	X	7.461	4.75
104	MP4B	Z	12.923	4.75
105	MP4B	Mx	.002	4.75
106	MP4A	X	115.078	.38
107	MP4A	Z	199.321	.38
108	MP4A	Mx	.008	.38
109	MP4A	X	115.078	4.38
110	MP4A	Z	199.321	4.38
111	MP4A	Mx	.008	4.38
112	MP4B	X	117.68	.38
113	MP4B	Z	203.827	.38
114	MP4B	Mx	-.235	.38
115	MP4B	X	117.68	4.38
116	MP4B	Z	203.827	4.38

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
117	MP4B	Mx	-.235	4.38
118	MP4C	X	100.409	.38
119	MP4C	Z	173.913	.38
120	MP4C	Mx	.218	.38
121	MP4C	X	100.409	4.38
122	MP4C	Z	173.913	4.38
123	MP4C	Mx	.218	4.38
124	MP4A	X	115.078	.38
125	MP4A	Z	199.321	.38
126	MP4A	Mx	-.258	.38
127	MP4A	X	115.078	4.38
128	MP4A	Z	199.321	4.38
129	MP4A	Mx	-.258	4.38
130	MP4B	X	117.68	.38
131	MP4B	Z	203.827	.38
132	MP4B	Mx	.06	.38
133	MP4B	X	117.68	4.38
134	MP4B	Z	203.827	4.38
135	MP4B	Mx	.06	4.38
136	MP4C	X	100.409	.38
137	MP4C	Z	173.913	.38
138	MP4C	Mx	.218	.38
139	MP4C	X	100.409	4.38
140	MP4C	Z	173.913	4.38
141	MP4C	Mx	.218	4.38

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	.25
2	MP2A	Z	98.317	.25
3	MP2A	Mx	0	.25
4	MP2A	X	0	3.25
5	MP2A	Z	98.317	3.25
6	MP2A	Mx	0	3.25
7	MP2B	X	0	.25
8	MP2B	Z	63.21	.25
9	MP2B	Mx	-.024	.25
10	MP2B	X	0	3.25
11	MP2B	Z	63.21	3.25
12	MP2B	Mx	-.024	3.25
13	MP2C	X	0	.25
14	MP2C	Z	53.447	.25
15	MP2C	Mx	.023	.25
16	MP2C	X	0	3.25
17	MP2C	Z	53.447	3.25
18	MP2C	Mx	.023	3.25
19	MP1A	X	0	.42
20	MP1A	Z	147.476	.42
21	MP1A	Mx	0	.42
22	MP1A	X	0	5
23	MP1A	Z	147.476	5
24	MP1A	Mx	0	5
25	MP1B	X	0	.42
26	MP1B	Z	136.53	.42
27	MP1B	Mx	-.078	.42
28	MP1B	X	0	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
29	MP1B	Z	136.53	5
30	MP1B	Mx	-.078	5
31	MP1C	X	0	.42
32	MP1C	Z	133.486	.42
33	MP1C	Mx	.087	.42
34	MP1C	X	0	5
35	MP1C	Z	133.486	5
36	MP1C	Mx	.087	5
37	MP5A	X	0	.42
38	MP5A	Z	147.476	.42
39	MP5A	Mx	0	.42
40	MP5A	X	0	5
41	MP5A	Z	147.476	5
42	MP5A	Mx	0	5
43	MP5B	X	0	.42
44	MP5B	Z	136.53	.42
45	MP5B	Mx	-.078	.42
46	MP5B	X	0	5
47	MP5B	Z	136.53	5
48	MP5B	Mx	-.078	5
49	MP5C	X	0	.42
50	MP5C	Z	133.486	.42
51	MP5C	Mx	.087	.42
52	MP5C	X	0	5
53	MP5C	Z	133.486	5
54	MP5C	Mx	.087	5
55	MP2A	X	0	5.67
56	MP2A	Z	41.837	5.67
57	MP2A	Mx	0	5.67
58	MP2B	X	0	5.67
59	MP2B	Z	29.588	5.67
60	MP2B	Mx	-.017	5.67
61	MP2C	X	0	5.67
62	MP2C	Z	26.182	5.67
63	MP2C	Mx	.017	5.67
64	MP3A	X	0	2.33
65	MP3A	Z	78.235	2.33
66	MP3A	Mx	0	2.33
67	MP3B	X	0	2.33
68	MP3B	Z	63.014	2.33
69	MP3B	Mx	.04	2.33
70	MP3C	X	0	2.33
71	MP3C	Z	58.781	2.33
72	MP3C	Mx	-.042	2.33
73	MP4A	X	0	2
74	MP4A	Z	78.235	2
75	MP4A	Mx	0	2
76	MP4B	X	0	2
77	MP4B	Z	57.183	2
78	MP4B	Mx	.037	2
79	MP4C	X	0	2
80	MP4C	Z	51.329	2
81	MP4C	Mx	-.037	2
82	MP2B	X	0	2.33
83	MP2B	Z	83.074	2.33
84	MP2B	Mx	.032	2.33
85	MP2C	X	0	2.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
86	MP2C	Z	77.09	2.33
87	MP2C	Mx	-.033	2.33
88	MP3A	X	0	4.75
89	MP3A	Z	15.48	4.75
90	MP3A	Mx	0	4.75
91	MP3B	X	0	4.75
92	MP3B	Z	12.681	4.75
93	MP3B	Mx	.004	4.75
94	MP3C	X	0	4.75
95	MP3C	Z	11.903	4.75
96	MP3C	Mx	-.004	4.75
97	MP4C	X	0	4.75
98	MP4C	Z	11.903	4.75
99	MP4C	Mx	-.004	4.75
100	MP4A	X	0	4.75
101	MP4A	Z	15.48	4.75
102	MP4A	Mx	0	4.75
103	MP4B	X	0	4.75
104	MP4B	Z	12.681	4.75
105	MP4B	Mx	.004	4.75
106	MP4A	X	0	.38
107	MP4A	Z	239.935	.38
108	MP4A	Mx	.16	.38
109	MP4A	X	0	4.38
110	MP4A	Z	239.935	4.38
111	MP4A	Mx	.16	4.38
112	MP4B	X	0	.38
113	MP4B	Z	216.98	.38
114	MP4B	Mx	-.273	.38
115	MP4B	X	0	4.38
116	MP4B	Z	216.98	4.38
117	MP4B	Mx	-.273	4.38
118	MP4C	X	0	.38
119	MP4C	Z	210.597	.38
120	MP4C	Mx	.127	.38
121	MP4C	X	0	4.38
122	MP4C	Z	210.597	4.38
123	MP4C	Mx	.127	4.38
124	MP4A	X	0	.38
125	MP4A	Z	239.935	.38
126	MP4A	Mx	-.16	.38
127	MP4A	X	0	4.38
128	MP4A	Z	239.935	4.38
129	MP4A	Mx	-.16	4.38
130	MP4B	X	0	.38
131	MP4B	Z	216.98	.38
132	MP4B	Mx	-.087	.38
133	MP4B	X	0	4.38
134	MP4B	Z	216.98	4.38
135	MP4B	Mx	-.087	4.38
136	MP4C	X	0	.38
137	MP4C	Z	210.597	.38
138	MP4C	Mx	.268	.38
139	MP4C	X	0	4.38
140	MP4C	Z	210.597	4.38
141	MP4C	Mx	.268	4.38

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-41.68	.25
2	MP2A	Z	72.192	.25
3	MP2A	Mx	.021	.25
4	MP2A	X	-41.68	3.25
5	MP2A	Z	72.192	3.25
6	MP2A	Mx	.021	3.25
7	MP2B	X	-20.147	.25
8	MP2B	Z	34.896	.25
9	MP2B	Mx	-.02	.25
10	MP2B	X	-20.147	3.25
11	MP2B	Z	34.896	3.25
12	MP2B	Mx	-.02	3.25
13	MP2C	X	-41.68	.25
14	MP2C	Z	72.192	.25
15	MP2C	Mx	.021	.25
16	MP2C	X	-41.68	3.25
17	MP2C	Z	72.192	3.25
18	MP2C	Mx	.021	3.25
19	MP1A	X	-71.406	.42
20	MP1A	Z	123.679	.42
21	MP1A	Mx	.054	.42
22	MP1A	X	-71.406	5
23	MP1A	Z	123.679	5
24	MP1A	Mx	.054	5
25	MP1B	X	-64.693	.42
26	MP1B	Z	112.051	.42
27	MP1B	Mx	-.096	.42
28	MP1B	X	-64.693	5
29	MP1B	Z	112.051	5
30	MP1B	Mx	-.096	5
31	MP1C	X	-71.406	.42
32	MP1C	Z	123.679	.42
33	MP1C	Mx	.054	.42
34	MP1C	X	-71.406	5
35	MP1C	Z	123.679	5
36	MP1C	Mx	.054	5
37	MP5A	X	-71.406	.42
38	MP5A	Z	123.679	.42
39	MP5A	Mx	.054	.42
40	MP5A	X	-71.406	5
41	MP5A	Z	123.679	5
42	MP5A	Mx	.054	5
43	MP5B	X	-64.693	.42
44	MP5B	Z	112.051	.42
45	MP5B	Mx	-.096	.42
46	MP5B	X	-64.693	5
47	MP5B	Z	112.051	5
48	MP5B	Mx	-.096	5
49	MP5C	X	-71.406	.42
50	MP5C	Z	123.679	.42
51	MP5C	Mx	.054	.42
52	MP5C	X	-71.406	5
53	MP5C	Z	123.679	5
54	MP5C	Mx	.054	5
55	MP2A	X	-18.309	5.67
56	MP2A	Z	31.713	5.67
57	MP2A	Mx	.014	5.67

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP2B	X	-10.797	5.67
59	MP2B	Z	18.7	5.67
60	MP2B	Mx	-.016	5.67
61	MP2C	X	-18.309	5.67
62	MP2C	Z	31.713	5.67
63	MP2C	Mx	.014	5.67
64	MP3A	X	-35.875	2.33
65	MP3A	Z	62.138	2.33
66	MP3A	Mx	-.03	2.33
67	MP3B	X	-26.539	2.33
68	MP3B	Z	45.967	2.33
69	MP3B	Mx	.044	2.33
70	MP3C	X	-35.875	2.33
71	MP3C	Z	62.138	2.33
72	MP3C	Mx	-.03	2.33
73	MP4A	X	-34.633	2
74	MP4A	Z	59.987	2
75	MP4A	Mx	-.029	2
76	MP4B	X	-21.721	2
77	MP4B	Z	37.622	2
78	MP4B	Mx	.036	2
79	MP4C	X	-34.633	2
80	MP4C	Z	59.987	2
81	MP4C	Mx	-.029	2
82	MP2B	X	-34.514	2.33
83	MP2B	Z	59.78	2.33
84	MP2B	Mx	.034	2.33
85	MP2C	X	-47.713	2.33
86	MP2C	Z	82.641	2.33
87	MP2C	Mx	-.024	2.33
88	MP3A	X	-7.144	4.75
89	MP3A	Z	12.373	4.75
90	MP3A	Mx	-.003	4.75
91	MP3B	X	-5.427	4.75
92	MP3B	Z	9.4	4.75
93	MP3B	Mx	.004	4.75
94	MP3C	X	-7.144	4.75
95	MP3C	Z	12.373	4.75
96	MP3C	Mx	-.003	4.75
97	MP4C	X	-7.144	4.75
98	MP4C	Z	12.373	4.75
99	MP4C	Mx	-.003	4.75
100	MP4A	X	-7.144	4.75
101	MP4A	Z	12.373	4.75
102	MP4A	Mx	-.003	4.75
103	MP4B	X	-5.427	4.75
104	MP4B	Z	9.4	4.75
105	MP4B	Mx	.004	4.75
106	MP4A	X	-115.078	.38
107	MP4A	Z	199.321	.38
108	MP4A	Mx	.258	.38
109	MP4A	X	-115.078	4.38
110	MP4A	Z	199.321	4.38
111	MP4A	Mx	.258	4.38
112	MP4B	X	-100.999	.38
113	MP4B	Z	174.935	.38
114	MP4B	Mx	-.239	.38

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
115	MP4B	X	-100.999	4.38
116	MP4B	Z	174.935	4.38
117	MP4B	Mx	-.239	4.38
118	MP4C	X	-115.078	.38
119	MP4C	Z	199.321	.38
120	MP4C	Mx	-.008	.38
121	MP4C	X	-115.078	4.38
122	MP4C	Z	199.321	4.38
123	MP4C	Mx	-.008	4.38
124	MP4A	X	-115.078	.38
125	MP4A	Z	199.321	.38
126	MP4A	Mx	-.008	.38
127	MP4A	X	-115.078	4.38
128	MP4A	Z	199.321	4.38
129	MP4A	Mx	-.008	4.38
130	MP4B	X	-100.999	.38
131	MP4B	Z	174.935	.38
132	MP4B	Mx	-.192	.38
133	MP4B	X	-100.999	4.38
134	MP4B	Z	174.935	4.38
135	MP4B	Mx	-.192	4.38
136	MP4C	X	-115.078	.38
137	MP4C	Z	199.321	.38
138	MP4C	Mx	.258	.38
139	MP4C	X	-115.078	4.38
140	MP4C	Z	199.321	4.38
141	MP4C	Mx	.258	4.38

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-46.287	.25
2	MP2A	Z	26.724	.25
3	MP2A	Mx	.023	.25
4	MP2A	X	-46.287	3.25
5	MP2A	Z	26.724	3.25
6	MP2A	Mx	.023	3.25
7	MP2B	X	-39.395	.25
8	MP2B	Z	22.745	.25
9	MP2B	Mx	-.021	.25
10	MP2B	X	-39.395	3.25
11	MP2B	Z	22.745	3.25
12	MP2B	Mx	-.021	3.25
13	MP2C	X	-85.145	.25
14	MP2C	Z	49.159	.25
15	MP2C	Mx	0	.25
16	MP2C	X	-85.145	3.25
17	MP2C	Z	49.159	3.25
18	MP2C	Mx	0	3.25
19	MP1A	X	-115.603	.42
20	MP1A	Z	66.743	.42
21	MP1A	Mx	.087	.42
22	MP1A	X	-115.603	5
23	MP1A	Z	66.743	5
24	MP1A	Mx	.087	5
25	MP1B	X	-113.454	.42
26	MP1B	Z	65.503	.42

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
27	MP1B	Mx	-.092	.42
28	MP1B	X	-113.454	5
29	MP1B	Z	65.503	5
30	MP1B	Mx	-.092	5
31	MP1C	X	-127.718	.42
32	MP1C	Z	73.738	.42
33	MP1C	Mx	0	.42
34	MP1C	X	-127.718	5
35	MP1C	Z	73.738	5
36	MP1C	Mx	0	5
37	MP5A	X	-115.603	.42
38	MP5A	Z	66.743	.42
39	MP5A	Mx	.087	.42
40	MP5A	X	-115.603	5
41	MP5A	Z	66.743	5
42	MP5A	Mx	.087	5
43	MP5B	X	-113.454	.42
44	MP5B	Z	65.503	.42
45	MP5B	Mx	-.092	.42
46	MP5B	X	-113.454	5
47	MP5B	Z	65.503	5
48	MP5B	Mx	-.092	5
49	MP5C	X	-127.718	.42
50	MP5C	Z	73.738	.42
51	MP5C	Mx	0	.42
52	MP5C	X	-127.718	5
53	MP5C	Z	73.738	5
54	MP5C	Mx	0	5
55	MP2A	X	-22.674	5.67
56	MP2A	Z	13.091	5.67
57	MP2A	Mx	.017	5.67
58	MP2B	X	-20.27	5.67
59	MP2B	Z	11.703	5.67
60	MP2B	Mx	-.016	5.67
61	MP2C	X	-36.232	5.67
62	MP2C	Z	20.919	5.67
63	MP2C	Mx	0	5.67
64	MP3A	X	-50.906	2.33
65	MP3A	Z	29.391	2.33
66	MP3A	Mx	-.042	2.33
67	MP3B	X	-47.918	2.33
68	MP3B	Z	27.665	2.33
69	MP3B	Mx	.043	2.33
70	MP3C	X	-67.754	2.33
71	MP3C	Z	39.118	2.33
72	MP3C	Mx	0	2.33
73	MP4A	X	-44.452	2
74	MP4A	Z	25.664	2
75	MP4A	Mx	-.037	2
76	MP4B	X	-40.319	2
77	MP4B	Z	23.278	2
78	MP4B	Mx	.036	2
79	MP4C	X	-67.754	2
80	MP4C	Z	39.118	2
81	MP4C	Mx	0	2
82	MP2B	X	-62.537	2.33
83	MP2B	Z	36.106	2.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
84	MP2B	Mx	.034	2.33
85	MP2C	X	-90.58	2.33
86	MP2C	Z	52.296	2.33
87	MP2C	Mx	0	2.33
88	MP3A	X	-10.308	4.75
89	MP3A	Z	5.951	4.75
90	MP3A	Mx	-.004	4.75
91	MP3B	X	-9.759	4.75
92	MP3B	Z	5.634	4.75
93	MP3B	Mx	.004	4.75
94	MP3C	X	-13.406	4.75
95	MP3C	Z	7.74	4.75
96	MP3C	Mx	0	4.75
97	MP4C	X	-13.406	4.75
98	MP4C	Z	7.74	4.75
99	MP4C	Mx	0	4.75
100	MP4A	X	-10.308	4.75
101	MP4A	Z	5.951	4.75
102	MP4A	Mx	-.004	4.75
103	MP4B	X	-9.759	4.75
104	MP4B	Z	5.634	4.75
105	MP4B	Mx	.004	4.75
106	MP4A	X	-182.383	.38
107	MP4A	Z	105.299	.38
108	MP4A	Mx	.268	.38
109	MP4A	X	-182.383	4.38
110	MP4A	Z	105.299	4.38
111	MP4A	Mx	.268	4.38
112	MP4B	X	-177.876	.38
113	MP4B	Z	102.697	.38
114	MP4B	Mx	-.162	.38
115	MP4B	X	-177.876	4.38
116	MP4B	Z	102.697	4.38
117	MP4B	Mx	-.162	4.38
118	MP4C	X	-207.79	.38
119	MP4C	Z	119.968	.38
120	MP4C	Mx	-.16	.38
121	MP4C	X	-207.79	4.38
122	MP4C	Z	119.968	4.38
123	MP4C	Mx	-.16	4.38
124	MP4A	X	-182.383	.38
125	MP4A	Z	105.299	.38
126	MP4A	Mx	.127	.38
127	MP4A	X	-182.383	4.38
128	MP4A	Z	105.299	4.38
129	MP4A	Mx	.127	4.38
130	MP4B	X	-177.876	.38
131	MP4B	Z	102.697	.38
132	MP4B	Mx	-.256	.38
133	MP4B	X	-177.876	4.38
134	MP4B	Z	102.697	4.38
135	MP4B	Mx	-.256	4.38
136	MP4C	X	-207.79	.38
137	MP4C	Z	119.968	.38
138	MP4C	Mx	.16	.38
139	MP4C	X	-207.79	4.38
140	MP4C	Z	119.968	4.38

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
141	MP4C	Mx	.16	4.38

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-38.491	.25
2	MP2A	Z	0	.25
3	MP2A	Mx	.019	.25
4	MP2A	X	-38.491	3.25
5	MP2A	Z	0	3.25
6	MP2A	Mx	.019	3.25
7	MP2B	X	-73.598	.25
8	MP2B	Z	0	.25
9	MP2B	Mx	-.024	.25
10	MP2B	X	-73.598	3.25
11	MP2B	Z	0	3.25
12	MP2B	Mx	-.024	3.25
13	MP2C	X	-83.361	.25
14	MP2C	Z	0	.25
15	MP2C	Mx	-.021	.25
16	MP2C	X	-83.361	3.25
17	MP2C	Z	0	3.25
18	MP2C	Mx	-.021	3.25
19	MP1A	X	-128.823	.42
20	MP1A	Z	0	.42
21	MP1A	Mx	.097	.42
22	MP1A	X	-128.823	5
23	MP1A	Z	0	5
24	MP1A	Mx	.097	5
25	MP1B	X	-139.769	.42
26	MP1B	Z	0	.42
27	MP1B	Mx	-.067	.42
28	MP1B	X	-139.769	5
29	MP1B	Z	0	5
30	MP1B	Mx	-.067	5
31	MP1C	X	-142.812	.42
32	MP1C	Z	0	.42
33	MP1C	Mx	-.054	.42
34	MP1C	X	-142.812	5
35	MP1C	Z	0	5
36	MP1C	Mx	-.054	5
37	MP5A	X	-128.823	.42
38	MP5A	Z	0	.42
39	MP5A	Mx	.097	.42
40	MP5A	X	-128.823	5
41	MP5A	Z	0	5
42	MP5A	Mx	.097	5
43	MP5B	X	-139.769	.42
44	MP5B	Z	0	.42
45	MP5B	Mx	-.067	.42
46	MP5B	X	-139.769	5
47	MP5B	Z	0	5
48	MP5B	Mx	-.067	5
49	MP5C	X	-142.812	.42
50	MP5C	Z	0	.42
51	MP5C	Mx	-.054	.42
52	MP5C	X	-142.812	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
53	MP5C	Z	0	5
54	MP5C	Mx	-.054	5
55	MP2A	X	-20.964	5.67
56	MP2A	Z	0	5.67
57	MP2A	Mx	.016	5.67
58	MP2B	X	-33.213	5.67
59	MP2B	Z	0	5.67
60	MP2B	Mx	-.016	5.67
61	MP2C	X	-36.619	5.67
62	MP2C	Z	0	5.67
63	MP2C	Mx	-.014	5.67
64	MP3A	X	-52.296	2.33
65	MP3A	Z	0	2.33
66	MP3A	Mx	-.044	2.33
67	MP3B	X	-67.518	2.33
68	MP3B	Z	0	2.33
69	MP3B	Mx	.036	2.33
70	MP3C	X	-71.751	2.33
71	MP3C	Z	0	2.33
72	MP3C	Mx	.03	2.33
73	MP4A	X	-42.36	2
74	MP4A	Z	0	2
75	MP4A	Mx	-.035	2
76	MP4B	X	-63.412	2
77	MP4B	Z	0	2
78	MP4B	Mx	.034	2
79	MP4C	X	-69.266	2
80	MP4C	Z	0	2
81	MP4C	Mx	.029	2
82	MP2B	X	-89.441	2.33
83	MP2B	Z	0	2.33
84	MP2B	Mx	.029	2.33
85	MP2C	X	-95.425	2.33
86	MP2C	Z	0	2.33
87	MP2C	Mx	.024	2.33
88	MP3A	X	-10.71	4.75
89	MP3A	Z	0	4.75
90	MP3A	Mx	-.004	4.75
91	MP3B	X	-13.509	4.75
92	MP3B	Z	0	4.75
93	MP3B	Mx	.004	4.75
94	MP3C	X	-14.287	4.75
95	MP3C	Z	0	4.75
96	MP3C	Mx	.003	4.75
97	MP4C	X	-14.287	4.75
98	MP4C	Z	0	4.75
99	MP4C	Mx	.003	4.75
100	MP4A	X	-10.71	4.75
101	MP4A	Z	0	4.75
102	MP4A	Mx	-.004	4.75
103	MP4B	X	-13.509	4.75
104	MP4B	Z	0	4.75
105	MP4B	Mx	.004	4.75
106	MP4A	X	-200.818	.38
107	MP4A	Z	0	.38
108	MP4A	Mx	.218	.38
109	MP4A	X	-200.818	4.38

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
110	MP4A	Z	0	4.38
111	MP4A	Mx	.218	4.38
112	MP4B	X	-223.773	.38
113	MP4B	Z	0	.38
114	MP4B	Mx	-.042	.38
115	MP4B	X	-223.773	4.38
116	MP4B	Z	0	4.38
117	MP4B	Mx	-.042	4.38
118	MP4C	X	-230.156	.38
119	MP4C	Z	0	.38
120	MP4C	Mx	-.258	.38
121	MP4C	X	-230.156	4.38
122	MP4C	Z	0	4.38
123	MP4C	Mx	-.258	4.38
124	MP4A	X	-200.818	.38
125	MP4A	Z	0	.38
126	MP4A	Mx	.218	.38
127	MP4A	X	-200.818	4.38
128	MP4A	Z	0	4.38
129	MP4A	Mx	.218	4.38
130	MP4B	X	-223.773	.38
131	MP4B	Z	0	.38
132	MP4B	Mx	-.27	.38
133	MP4B	X	-223.773	4.38
134	MP4B	Z	0	4.38
135	MP4B	Mx	-.27	4.38
136	MP4C	X	-230.156	.38
137	MP4C	Z	0	.38
138	MP4C	Mx	.008	.38
139	MP4C	X	-230.156	4.38
140	MP4C	Z	0	4.38
141	MP4C	Mx	.008	4.38

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-46.287	.25
2	MP2A	Z	-26.724	.25
3	MP2A	Mx	.023	.25
4	MP2A	X	-46.287	3.25
5	MP2A	Z	-26.724	3.25
6	MP2A	Mx	.023	3.25
7	MP2B	X	-83.583	.25
8	MP2B	Z	-48.257	.25
9	MP2B	Mx	-.008	.25
10	MP2B	X	-83.583	3.25
11	MP2B	Z	-48.257	3.25
12	MP2B	Mx	-.008	3.25
13	MP2C	X	-46.287	.25
14	MP2C	Z	-26.724	.25
15	MP2C	Mx	-.023	.25
16	MP2C	X	-46.287	3.25
17	MP2C	Z	-26.724	3.25
18	MP2C	Mx	-.023	3.25
19	MP1A	X	-115.603	.42
20	MP1A	Z	-66.743	.42
21	MP1A	Mx	.087	.42

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
22	MP1A	X	-115.603	5
23	MP1A	Z	-66.743	5
24	MP1A	Mx	.087	5
25	MP1B	X	-127.23	.42
26	MP1B	Z	-73.457	.42
27	MP1B	Mx	-.019	.42
28	MP1B	X	-127.23	5
29	MP1B	Z	-73.457	5
30	MP1B	Mx	-.019	5
31	MP1C	X	-115.603	.42
32	MP1C	Z	-66.743	.42
33	MP1C	Mx	-.087	.42
34	MP1C	X	-115.603	5
35	MP1C	Z	-66.743	5
36	MP1C	Mx	-.087	5
37	MP5A	X	-115.603	.42
38	MP5A	Z	-66.743	.42
39	MP5A	Mx	.087	.42
40	MP5A	X	-115.603	5
41	MP5A	Z	-66.743	5
42	MP5A	Mx	.087	5
43	MP5B	X	-127.23	.42
44	MP5B	Z	-73.457	.42
45	MP5B	Mx	-.019	.42
46	MP5B	X	-127.23	5
47	MP5B	Z	-73.457	5
48	MP5B	Mx	-.019	5
49	MP5C	X	-115.603	.42
50	MP5C	Z	-66.743	.42
51	MP5C	Mx	-.087	.42
52	MP5C	X	-115.603	5
53	MP5C	Z	-66.743	5
54	MP5C	Mx	-.087	5
55	MP2A	X	-22.674	5.67
56	MP2A	Z	-13.091	5.67
57	MP2A	Mx	.017	5.67
58	MP2B	X	-35.687	5.67
59	MP2B	Z	-20.604	5.67
60	MP2B	Mx	-.005	5.67
61	MP2C	X	-22.674	5.67
62	MP2C	Z	-13.091	5.67
63	MP2C	Mx	-.017	5.67
64	MP3A	X	-50.906	2.33
65	MP3A	Z	-29.391	2.33
66	MP3A	Mx	-.042	2.33
67	MP3B	X	-67.076	2.33
68	MP3B	Z	-38.727	2.33
69	MP3B	Mx	.011	2.33
70	MP3C	X	-50.906	2.33
71	MP3C	Z	-29.391	2.33
72	MP3C	Mx	.042	2.33
73	MP4A	X	-44.452	2
74	MP4A	Z	-25.664	2
75	MP4A	Mx	-.037	2
76	MP4B	X	-66.817	2
77	MP4B	Z	-38.577	2
78	MP4B	Mx	.011	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
79	MP4C	X	-44.452	2
80	MP4C	Z	-25.664	2
81	MP4C	Mx	.037	2
82	MP2B	X	-89.622	2.33
83	MP2B	Z	-51.743	2.33
84	MP2B	Mx	.009	2.33
85	MP2C	X	-66.762	2.33
86	MP2C	Z	-38.545	2.33
87	MP2C	Mx	.033	2.33
88	MP3A	X	-10.308	4.75
89	MP3A	Z	-5.951	4.75
90	MP3A	Mx	-.004	4.75
91	MP3B	X	-13.281	4.75
92	MP3B	Z	-7.668	4.75
93	MP3B	Mx	.001	4.75
94	MP3C	X	-10.308	4.75
95	MP3C	Z	-5.951	4.75
96	MP3C	Mx	.004	4.75
97	MP4C	X	-10.308	4.75
98	MP4C	Z	-5.951	4.75
99	MP4C	Mx	.004	4.75
100	MP4A	X	-10.308	4.75
101	MP4A	Z	-5.951	4.75
102	MP4A	Mx	-.004	4.75
103	MP4B	X	-13.281	4.75
104	MP4B	Z	-7.668	4.75
105	MP4B	Mx	.001	4.75
106	MP4A	X	-182.383	.38
107	MP4A	Z	-105.299	.38
108	MP4A	Mx	.127	.38
109	MP4A	X	-182.383	4.38
110	MP4A	Z	-105.299	4.38
111	MP4A	Mx	.127	4.38
112	MP4B	X	-206.769	.38
113	MP4B	Z	-119.378	.38
114	MP4B	Mx	.112	.38
115	MP4B	X	-206.769	4.38
116	MP4B	Z	-119.378	4.38
117	MP4B	Mx	.112	4.38
118	MP4C	X	-182.383	.38
119	MP4C	Z	-105.299	.38
120	MP4C	Mx	-.268	.38
121	MP4C	X	-182.383	4.38
122	MP4C	Z	-105.299	4.38
123	MP4C	Mx	-.268	4.38
124	MP4A	X	-182.383	.38
125	MP4A	Z	-105.299	.38
126	MP4A	Mx	.268	.38
127	MP4A	X	-182.383	4.38
128	MP4A	Z	-105.299	4.38
129	MP4A	Mx	.268	4.38
130	MP4B	X	-206.769	.38
131	MP4B	Z	-119.378	.38
132	MP4B	Mx	-.202	.38
133	MP4B	X	-206.769	4.38
134	MP4B	Z	-119.378	4.38
135	MP4B	Mx	-.202	4.38

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
136	MP4C	X	-182.383	.38
137	MP4C	Z	-105.299	.38
138	MP4C	Mx	-.127	.38
139	MP4C	X	-182.383	4.38
140	MP4C	Z	-105.299	4.38
141	MP4C	Mx	-.127	4.38

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-41.68	.25
2	MP2A	Z	-72.192	.25
3	MP2A	Mx	.021	.25
4	MP2A	X	-41.68	3.25
5	MP2A	Z	-72.192	3.25
6	MP2A	Mx	.021	3.25
7	MP2B	X	-45.659	.25
8	MP2B	Z	-79.084	.25
9	MP2B	Mx	.016	.25
10	MP2B	X	-45.659	3.25
11	MP2B	Z	-79.084	3.25
12	MP2B	Mx	.016	3.25
13	MP2C	X	-19.245	.25
14	MP2C	Z	-33.334	.25
15	MP2C	Mx	-.019	.25
16	MP2C	X	-19.245	3.25
17	MP2C	Z	-33.334	3.25
18	MP2C	Mx	-.019	3.25
19	MP1A	X	-71.406	.42
20	MP1A	Z	-123.679	.42
21	MP1A	Mx	.054	.42
22	MP1A	X	-71.406	5
23	MP1A	Z	-123.679	5
24	MP1A	Mx	.054	5
25	MP1B	X	-72.647	.42
26	MP1B	Z	-125.828	.42
27	MP1B	Mx	.037	.42
28	MP1B	X	-72.647	5
29	MP1B	Z	-125.828	5
30	MP1B	Mx	.037	5
31	MP1C	X	-64.412	.42
32	MP1C	Z	-111.564	.42
33	MP1C	Mx	-.097	.42
34	MP1C	X	-64.412	5
35	MP1C	Z	-111.564	5
36	MP1C	Mx	-.097	5
37	MP5A	X	-71.406	.42
38	MP5A	Z	-123.679	.42
39	MP5A	Mx	.054	.42
40	MP5A	X	-71.406	5
41	MP5A	Z	-123.679	5
42	MP5A	Mx	.054	5
43	MP5B	X	-72.647	.42
44	MP5B	Z	-125.828	.42
45	MP5B	Mx	.037	.42
46	MP5B	X	-72.647	5
47	MP5B	Z	-125.828	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
48	MP5B	Mx	.037	5
49	MP5C	X	-64.412	.42
50	MP5C	Z	-111.564	.42
51	MP5C	Mx	-.097	.42
52	MP5C	X	-64.412	5
53	MP5C	Z	-111.564	5
54	MP5C	Mx	-.097	5
55	MP2A	X	-18.309	5.67
56	MP2A	Z	-31.713	5.67
57	MP2A	Mx	.014	5.67
58	MP2B	X	-19.698	5.67
59	MP2B	Z	-34.117	5.67
60	MP2B	Mx	.01	5.67
61	MP2C	X	-10.482	5.67
62	MP2C	Z	-18.155	5.67
63	MP2C	Mx	-.016	5.67
64	MP3A	X	-35.875	2.33
65	MP3A	Z	-62.138	2.33
66	MP3A	Mx	-.03	2.33
67	MP3B	X	-37.6	2.33
68	MP3B	Z	-65.126	2.33
69	MP3B	Mx	-.021	2.33
70	MP3C	X	-26.148	2.33
71	MP3C	Z	-45.29	2.33
72	MP3C	Mx	.044	2.33
73	MP4A	X	-34.633	2
74	MP4A	Z	-59.987	2
75	MP4A	Mx	-.029	2
76	MP4B	X	-37.019	2
77	MP4B	Z	-64.119	2
78	MP4B	Mx	-.021	2
79	MP4C	X	-21.18	2
80	MP4C	Z	-36.685	2
81	MP4C	Mx	.035	2
82	MP2B	X	-50.152	2.33
83	MP2B	Z	-86.865	2.33
84	MP2B	Mx	-.017	2.33
85	MP2C	X	-33.961	2.33
86	MP2C	Z	-58.823	2.33
87	MP2C	Mx	.034	2.33
88	MP3A	X	-7.144	4.75
89	MP3A	Z	-12.373	4.75
90	MP3A	Mx	-.003	4.75
91	MP3B	X	-7.461	4.75
92	MP3B	Z	-12.923	4.75
93	MP3B	Mx	-.002	4.75
94	MP3C	X	-5.355	4.75
95	MP3C	Z	-9.275	4.75
96	MP3C	Mx	.004	4.75
97	MP4C	X	-5.355	4.75
98	MP4C	Z	-9.275	4.75
99	MP4C	Mx	.004	4.75
100	MP4A	X	-7.144	4.75
101	MP4A	Z	-12.373	4.75
102	MP4A	Mx	-.003	4.75
103	MP4B	X	-7.461	4.75
104	MP4B	Z	-12.923	4.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
105	MP4B	Mx	-.002	4.75
106	MP4A	X	-115.078	.38
107	MP4A	Z	-199.321	.38
108	MP4A	Mx	-.008	.38
109	MP4A	X	-115.078	4.38
110	MP4A	Z	-199.321	4.38
111	MP4A	Mx	-.008	4.38
112	MP4B	X	-117.68	.38
113	MP4B	Z	-203.827	.38
114	MP4B	Mx	.235	.38
115	MP4B	X	-117.68	4.38
116	MP4B	Z	-203.827	4.38
117	MP4B	Mx	.235	4.38
118	MP4C	X	-100.409	.38
119	MP4C	Z	-173.913	.38
120	MP4C	Mx	-.218	.38
121	MP4C	X	-100.409	4.38
122	MP4C	Z	-173.913	4.38
123	MP4C	Mx	-.218	4.38
124	MP4A	X	-115.078	.38
125	MP4A	Z	-199.321	.38
126	MP4A	Mx	.258	.38
127	MP4A	X	-115.078	4.38
128	MP4A	Z	-199.321	4.38
129	MP4A	Mx	.258	4.38
130	MP4B	X	-117.68	.38
131	MP4B	Z	-203.827	.38
132	MP4B	Mx	-.06	.38
133	MP4B	X	-117.68	4.38
134	MP4B	Z	-203.827	4.38
135	MP4B	Mx	-.06	4.38
136	MP4C	X	-100.409	.38
137	MP4C	Z	-173.913	.38
138	MP4C	Mx	-.218	.38
139	MP4C	X	-100.409	4.38
140	MP4C	Z	-173.913	4.38
141	MP4C	Mx	-.218	4.38

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	.25
2	MP2A	Z	-20.705	.25
3	MP2A	Mx	0	.25
4	MP2A	X	0	3.25
5	MP2A	Z	-20.705	3.25
6	MP2A	Mx	0	3.25
7	MP2B	X	0	.25
8	MP2B	Z	-13.743	.25
9	MP2B	Mx	.005	.25
10	MP2B	X	0	3.25
11	MP2B	Z	-13.743	3.25
12	MP2B	Mx	.005	3.25
13	MP2C	X	0	.25
14	MP2C	Z	-11.807	.25
15	MP2C	Mx	-.005	.25
16	MP2C	X	0	3.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
17	MP2C	Z	-11.807	3.25
18	MP2C	Mx	-.005	3.25
19	MP1A	X	0	.42
20	MP1A	Z	-30.557	.42
21	MP1A	Mx	0	.42
22	MP1A	X	0	5
23	MP1A	Z	-30.557	5
24	MP1A	Mx	0	5
25	MP1B	X	0	.42
26	MP1B	Z	-28.608	.42
27	MP1B	Mx	.016	.42
28	MP1B	X	0	5
29	MP1B	Z	-28.608	5
30	MP1B	Mx	.016	5
31	MP1C	X	0	.42
32	MP1C	Z	-28.066	.42
33	MP1C	Mx	-.018	.42
34	MP1C	X	0	5
35	MP1C	Z	-28.066	5
36	MP1C	Mx	-.018	5
37	MP5A	X	0	.42
38	MP5A	Z	-30.557	.42
39	MP5A	Mx	0	.42
40	MP5A	X	0	5
41	MP5A	Z	-30.557	5
42	MP5A	Mx	0	5
43	MP5B	X	0	.42
44	MP5B	Z	-28.608	.42
45	MP5B	Mx	.016	.42
46	MP5B	X	0	5
47	MP5B	Z	-28.608	5
48	MP5B	Mx	.016	5
49	MP5C	X	0	.42
50	MP5C	Z	-28.066	.42
51	MP5C	Mx	-.018	.42
52	MP5C	X	0	5
53	MP5C	Z	-28.066	5
54	MP5C	Mx	-.018	5
55	MP2A	X	0	5.67
56	MP2A	Z	-9.975	5.67
57	MP2A	Mx	0	5.67
58	MP2B	X	0	5.67
59	MP2B	Z	-7.418	5.67
60	MP2B	Mx	.004	5.67
61	MP2C	X	0	5.67
62	MP2C	Z	-6.707	5.67
63	MP2C	Mx	-.004	5.67
64	MP3A	X	0	2.33
65	MP3A	Z	-17.478	2.33
66	MP3A	Mx	0	2.33
67	MP3B	X	0	2.33
68	MP3B	Z	-14.364	2.33
69	MP3B	Mx	-.009	2.33
70	MP3C	X	0	2.33
71	MP3C	Z	-13.499	2.33
72	MP3C	Mx	.01	2.33
73	MP4A	X	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
74	MP4A	Z	-17.478	2
75	MP4A	Mx	0	2
76	MP4B	X	0	2
77	MP4B	Z	-13.181	2
78	MP4B	Mx	-.008	2
79	MP4C	X	0	2
80	MP4C	Z	-11.986	2
81	MP4C	Mx	.009	2
82	MP2B	X	0	2.33
83	MP2B	Z	-18.476	2.33
84	MP2B	Mx	-.007	2.33
85	MP2C	X	0	2.33
86	MP2C	Z	-17.285	2.33
87	MP2C	Mx	.007	2.33
88	MP3A	X	0	4.75
89	MP3A	Z	-4.267	4.75
90	MP3A	Mx	0	4.75
91	MP3B	X	0	4.75
92	MP3B	Z	-3.645	4.75
93	MP3B	Mx	-.001	4.75
94	MP3C	X	0	4.75
95	MP3C	Z	-3.472	4.75
96	MP3C	Mx	.001	4.75
97	MP4C	X	0	4.75
98	MP4C	Z	-3.472	4.75
99	MP4C	Mx	.001	4.75
100	MP4A	X	0	4.75
101	MP4A	Z	-4.267	4.75
102	MP4A	Mx	0	4.75
103	MP4B	X	0	4.75
104	MP4B	Z	-3.645	4.75
105	MP4B	Mx	-.001	4.75
106	MP4A	X	0	.38
107	MP4A	Z	-48.946	.38
108	MP4A	Mx	-.033	.38
109	MP4A	X	0	4.38
110	MP4A	Z	-48.946	4.38
111	MP4A	Mx	-.033	4.38
112	MP4B	X	0	.38
113	MP4B	Z	-44.607	.38
114	MP4B	Mx	.056	.38
115	MP4B	X	0	4.38
116	MP4B	Z	-44.607	4.38
117	MP4B	Mx	.056	4.38
118	MP4C	X	0	.38
119	MP4C	Z	-43.401	.38
120	MP4C	Mx	-.026	.38
121	MP4C	X	0	4.38
122	MP4C	Z	-43.401	4.38
123	MP4C	Mx	-.026	4.38
124	MP4A	X	0	.38
125	MP4A	Z	-48.946	.38
126	MP4A	Mx	.033	.38
127	MP4A	X	0	4.38
128	MP4A	Z	-48.946	4.38
129	MP4A	Mx	.033	4.38
130	MP4B	X	0	.38

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
131	MP4B	Z	-44.607	.38
132	MP4B	Mx	.018	.38
133	MP4B	X	0	4.38
134	MP4B	Z	-44.607	4.38
135	MP4B	Mx	.018	4.38
136	MP4C	X	0	.38
137	MP4C	Z	-43.401	.38
138	MP4C	Mx	-.055	.38
139	MP4C	X	0	4.38
140	MP4C	Z	-43.401	4.38
141	MP4C	Mx	-.055	4.38

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	8.87	.25
2	MP2A	Z	-15.363	.25
3	MP2A	Mx	-.004	.25
4	MP2A	X	8.87	3.25
5	MP2A	Z	-15.363	3.25
6	MP2A	Mx	-.004	3.25
7	MP2B	X	4.6	.25
8	MP2B	Z	-7.967	.25
9	MP2B	Mx	.005	.25
10	MP2B	X	4.6	3.25
11	MP2B	Z	-7.967	3.25
12	MP2B	Mx	.005	3.25
13	MP2C	X	8.87	.25
14	MP2C	Z	-15.363	.25
15	MP2C	Mx	-.004	.25
16	MP2C	X	8.87	3.25
17	MP2C	Z	-15.363	3.25
18	MP2C	Mx	-.004	3.25
19	MP1A	X	14.863	.42
20	MP1A	Z	-25.744	.42
21	MP1A	Mx	-.011	.42
22	MP1A	X	14.863	5
23	MP1A	Z	-25.744	5
24	MP1A	Mx	-.011	5
25	MP1B	X	13.668	.42
26	MP1B	Z	-23.674	.42
27	MP1B	Mx	.02	.42
28	MP1B	X	13.668	5
29	MP1B	Z	-23.674	5
30	MP1B	Mx	.02	5
31	MP1C	X	14.863	.42
32	MP1C	Z	-25.744	.42
33	MP1C	Mx	-.011	.42
34	MP1C	X	14.863	5
35	MP1C	Z	-25.744	5
36	MP1C	Mx	-.011	5
37	MP5A	X	14.863	.42
38	MP5A	Z	-25.744	.42
39	MP5A	Mx	-.011	.42
40	MP5A	X	14.863	5
41	MP5A	Z	-25.744	5
42	MP5A	Mx	-.011	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
43	MP5B	X	13.668	.42
44	MP5B	Z	-23.674	.42
45	MP5B	Mx	.02	.42
46	MP5B	X	13.668	5
47	MP5B	Z	-23.674	5
48	MP5B	Mx	.02	5
49	MP5C	X	14.863	.42
50	MP5C	Z	-25.744	.42
51	MP5C	Mx	-.011	.42
52	MP5C	X	14.863	5
53	MP5C	Z	-25.744	5
54	MP5C	Mx	-.011	5
55	MP2A	X	4.443	5.67
56	MP2A	Z	-7.695	5.67
57	MP2A	Mx	-.003	5.67
58	MP2B	X	2.875	5.67
59	MP2B	Z	-4.979	5.67
60	MP2B	Mx	.004	5.67
61	MP2C	X	4.443	5.67
62	MP2C	Z	-7.695	5.67
63	MP2C	Mx	-.003	5.67
64	MP3A	X	8.076	2.33
65	MP3A	Z	-13.988	2.33
66	MP3A	Mx	.007	2.33
67	MP3B	X	6.166	2.33
68	MP3B	Z	-10.68	2.33
69	MP3B	Mx	-.01	2.33
70	MP3C	X	8.076	2.33
71	MP3C	Z	-13.988	2.33
72	MP3C	Mx	.007	2.33
73	MP4A	X	7.824	2
74	MP4A	Z	-13.551	2
75	MP4A	Mx	.007	2
76	MP4B	X	5.188	2
77	MP4B	Z	-8.986	2
78	MP4B	Mx	-.009	2
79	MP4C	X	7.824	2
80	MP4C	Z	-13.551	2
81	MP4C	Mx	.007	2
82	MP2B	X	7.84	2.33
83	MP2B	Z	-13.58	2.33
84	MP2B	Mx	-.008	2.33
85	MP2C	X	10.467	2.33
86	MP2C	Z	-18.13	2.33
87	MP2C	Mx	.005	2.33
88	MP3A	X	2.001	4.75
89	MP3A	Z	-3.466	4.75
90	MP3A	Mx	.000834	4.75
91	MP3B	X	1.62	4.75
92	MP3B	Z	-2.806	4.75
93	MP3B	Mx	-.001	4.75
94	MP3C	X	2.001	4.75
95	MP3C	Z	-3.466	4.75
96	MP3C	Mx	.000834	4.75
97	MP4C	X	2.001	4.75
98	MP4C	Z	-3.466	4.75
99	MP4C	Mx	.000834	4.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
100	MP4A	X	2.001	4.75
101	MP4A	Z	-3.466	4.75
102	MP4A	Mx	.000834	4.75
103	MP4B	X	1.62	4.75
104	MP4B	Z	-2.806	4.75
105	MP4B	Mx	-.001	4.75
106	MP4A	X	23.549	.38
107	MP4A	Z	-40.788	.38
108	MP4A	Mx	-.053	.38
109	MP4A	X	23.549	4.38
110	MP4A	Z	-40.788	4.38
111	MP4A	Mx	-.053	4.38
112	MP4B	X	20.888	.38
113	MP4B	Z	-36.179	.38
114	MP4B	Mx	.049	.38
115	MP4B	X	20.888	4.38
116	MP4B	Z	-36.179	4.38
117	MP4B	Mx	.049	4.38
118	MP4C	X	23.549	.38
119	MP4C	Z	-40.788	.38
120	MP4C	Mx	.002	.38
121	MP4C	X	23.549	4.38
122	MP4C	Z	-40.788	4.38
123	MP4C	Mx	.002	4.38
124	MP4A	X	23.549	.38
125	MP4A	Z	-40.788	.38
126	MP4A	Mx	.002	.38
127	MP4A	X	23.549	4.38
128	MP4A	Z	-40.788	4.38
129	MP4A	Mx	.002	4.38
130	MP4B	X	20.888	.38
131	MP4B	Z	-36.179	.38
132	MP4B	Mx	.04	.38
133	MP4B	X	20.888	4.38
134	MP4B	Z	-36.179	4.38
135	MP4B	Mx	.04	4.38
136	MP4C	X	23.549	.38
137	MP4C	Z	-40.788	.38
138	MP4C	Mx	-.053	.38
139	MP4C	X	23.549	4.38
140	MP4C	Z	-40.788	4.38
141	MP4C	Mx	-.053	4.38

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	10.225	.25
2	MP2A	Z	-5.904	.25
3	MP2A	Mx	-.005	.25
4	MP2A	X	10.225	3.25
5	MP2A	Z	-5.904	3.25
6	MP2A	Mx	-.005	3.25
7	MP2B	X	8.859	.25
8	MP2B	Z	-5.115	.25
9	MP2B	Mx	.005	.25
10	MP2B	X	8.859	3.25
11	MP2B	Z	-5.115	3.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
12	MP2B	Mx	.005	3.25
13	MP2C	X	17.931	.25
14	MP2C	Z	-10.353	.25
15	MP2C	Mx	0	.25
16	MP2C	X	17.931	3.25
17	MP2C	Z	-10.353	3.25
18	MP2C	Mx	0	3.25
19	MP1A	X	24.306	.42
20	MP1A	Z	-14.033	.42
21	MP1A	Mx	-.018	.42
22	MP1A	X	24.306	5
23	MP1A	Z	-14.033	5
24	MP1A	Mx	-.018	5
25	MP1B	X	23.924	.42
26	MP1B	Z	-13.812	.42
27	MP1B	Mx	.019	.42
28	MP1B	X	23.924	5
29	MP1B	Z	-13.812	5
30	MP1B	Mx	.019	5
31	MP1C	X	26.463	.42
32	MP1C	Z	-15.278	.42
33	MP1C	Mx	0	.42
34	MP1C	X	26.463	5
35	MP1C	Z	-15.278	5
36	MP1C	Mx	0	5
37	MP5A	X	24.306	.42
38	MP5A	Z	-14.033	.42
39	MP5A	Mx	-.018	.42
40	MP5A	X	24.306	5
41	MP5A	Z	-14.033	5
42	MP5A	Mx	-.018	5
43	MP5B	X	23.924	.42
44	MP5B	Z	-13.812	.42
45	MP5B	Mx	.019	.42
46	MP5B	X	23.924	5
47	MP5B	Z	-13.812	5
48	MP5B	Mx	.019	5
49	MP5C	X	26.463	.42
50	MP5C	Z	-15.278	.42
51	MP5C	Mx	0	.42
52	MP5C	X	26.463	5
53	MP5C	Z	-15.278	5
54	MP5C	Mx	0	5
55	MP2A	X	5.809	5.67
56	MP2A	Z	-3.354	5.67
57	MP2A	Mx	-.004	5.67
58	MP2B	X	5.307	5.67
59	MP2B	Z	-3.064	5.67
60	MP2B	Mx	.004	5.67
61	MP2C	X	8.638	5.67
62	MP2C	Z	-4.987	5.67
63	MP2C	Mx	0	5.67
64	MP3A	X	11.69	2.33
65	MP3A	Z	-6.749	2.33
66	MP3A	Mx	.01	2.33
67	MP3B	X	11.079	2.33
68	MP3B	Z	-6.396	2.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
69	MP3B	Mx	-.01	2.33
70	MP3C	X	15.137	2.33
71	MP3C	Z	-8.739	2.33
72	MP3C	Mx	0	2.33
73	MP4A	X	10.38	2
74	MP4A	Z	-5.993	2
75	MP4A	Mx	.009	2
76	MP4B	X	9.537	2
77	MP4B	Z	-5.506	2
78	MP4B	Mx	-.009	2
79	MP4C	X	15.137	2
80	MP4C	Z	-8.739	2
81	MP4C	Mx	0	2
82	MP2B	X	14.129	2.33
83	MP2B	Z	-8.157	2.33
84	MP2B	Mx	-.008	2.33
85	MP2C	X	19.71	2.33
86	MP2C	Z	-11.379	2.33
87	MP2C	Mx	0	2.33
88	MP3A	X	3.007	4.75
89	MP3A	Z	-1.736	4.75
90	MP3A	Mx	.001	4.75
91	MP3B	X	2.885	4.75
92	MP3B	Z	-1.666	4.75
93	MP3B	Mx	-.001	4.75
94	MP3C	X	3.695	4.75
95	MP3C	Z	-2.133	4.75
96	MP3C	Mx	0	4.75
97	MP4C	X	3.695	4.75
98	MP4C	Z	-2.133	4.75
99	MP4C	Mx	0	4.75
100	MP4A	X	3.007	4.75
101	MP4A	Z	-1.736	4.75
102	MP4A	Mx	.001	4.75
103	MP4B	X	2.885	4.75
104	MP4B	Z	-1.666	4.75
105	MP4B	Mx	-.001	4.75
106	MP4A	X	37.586	.38
107	MP4A	Z	-21.7	.38
108	MP4A	Mx	-.055	.38
109	MP4A	X	37.586	4.38
110	MP4A	Z	-21.7	4.38
111	MP4A	Mx	-.055	4.38
112	MP4B	X	36.734	.38
113	MP4B	Z	-21.209	.38
114	MP4B	Mx	.034	.38
115	MP4B	X	36.734	4.38
116	MP4B	Z	-21.209	4.38
117	MP4B	Mx	.034	4.38
118	MP4C	X	42.389	.38
119	MP4C	Z	-24.473	.38
120	MP4C	Mx	.033	.38
121	MP4C	X	42.389	4.38
122	MP4C	Z	-24.473	4.38
123	MP4C	Mx	.033	4.38
124	MP4A	X	37.586	.38
125	MP4A	Z	-21.7	.38

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
126	MP4A	Mx	-.026	.38
127	MP4A	X	37.586	4.38
128	MP4A	Z	-21.7	4.38
129	MP4A	Mx	-.026	4.38
130	MP4B	X	36.734	.38
131	MP4B	Z	-21.209	.38
132	MP4B	Mx	.053	.38
133	MP4B	X	36.734	4.38
134	MP4B	Z	-21.209	4.38
135	MP4B	Mx	.053	4.38
136	MP4C	X	42.389	.38
137	MP4C	Z	-24.473	.38
138	MP4C	Mx	-.033	.38
139	MP4C	X	42.389	4.38
140	MP4C	Z	-24.473	4.38
141	MP4C	Mx	-.033	4.38

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	8.841	.25
2	MP2A	Z	0	.25
3	MP2A	Mx	-.004	.25
4	MP2A	X	8.841	3.25
5	MP2A	Z	0	3.25
6	MP2A	Mx	-.004	3.25
7	MP2B	X	15.803	.25
8	MP2B	Z	0	.25
9	MP2B	Mx	.005	.25
10	MP2B	X	15.803	3.25
11	MP2B	Z	0	3.25
12	MP2B	Mx	.005	3.25
13	MP2C	X	17.739	.25
14	MP2C	Z	0	.25
15	MP2C	Mx	.004	.25
16	MP2C	X	17.739	3.25
17	MP2C	Z	0	3.25
18	MP2C	Mx	.004	3.25
19	MP1A	X	27.236	.42
20	MP1A	Z	0	.42
21	MP1A	Mx	-.02	.42
22	MP1A	X	27.236	5
23	MP1A	Z	0	5
24	MP1A	Mx	-.02	5
25	MP1B	X	29.185	.42
26	MP1B	Z	0	.42
27	MP1B	Mx	.014	.42
28	MP1B	X	29.185	5
29	MP1B	Z	0	5
30	MP1B	Mx	.014	5
31	MP1C	X	29.727	.42
32	MP1C	Z	0	.42
33	MP1C	Mx	.011	.42
34	MP1C	X	29.727	5
35	MP1C	Z	0	5
36	MP1C	Mx	.011	5
37	MP5A	X	27.236	.42

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
38	MP5A	Z	0	.42
39	MP5A	Mx	-.02	.42
40	MP5A	X	27.236	5
41	MP5A	Z	0	5
42	MP5A	Mx	-.02	5
43	MP5B	X	29.185	.42
44	MP5B	Z	0	.42
45	MP5B	Mx	.014	.42
46	MP5B	X	29.185	5
47	MP5B	Z	0	5
48	MP5B	Mx	.014	5
49	MP5C	X	29.727	.42
50	MP5C	Z	0	.42
51	MP5C	Mx	.011	.42
52	MP5C	X	29.727	5
53	MP5C	Z	0	5
54	MP5C	Mx	.011	5
55	MP2A	X	5.618	5.67
56	MP2A	Z	0	5.67
57	MP2A	Mx	-.004	5.67
58	MP2B	X	8.175	5.67
59	MP2B	Z	0	5.67
60	MP2B	Mx	.004	5.67
61	MP2C	X	8.885	5.67
62	MP2C	Z	0	5.67
63	MP2C	Mx	.003	5.67
64	MP3A	X	12.172	2.33
65	MP3A	Z	0	2.33
66	MP3A	Mx	.01	2.33
67	MP3B	X	15.286	2.33
68	MP3B	Z	0	2.33
69	MP3B	Mx	-.008	2.33
70	MP3C	X	16.152	2.33
71	MP3C	Z	0	2.33
72	MP3C	Mx	-.007	2.33
73	MP4A	X	10.155	2
74	MP4A	Z	0	2
75	MP4A	Mx	.008	2
76	MP4B	X	14.453	2
77	MP4B	Z	0	2
78	MP4B	Mx	-.008	2
79	MP4C	X	15.648	2
80	MP4C	Z	0	2
81	MP4C	Mx	-.007	2
82	MP2B	X	19.743	2.33
83	MP2B	Z	0	2.33
84	MP2B	Mx	-.006	2.33
85	MP2C	X	20.934	2.33
86	MP2C	Z	0	2.33
87	MP2C	Mx	-.005	2.33
88	MP3A	X	3.208	4.75
89	MP3A	Z	0	4.75
90	MP3A	Mx	.001	4.75
91	MP3B	X	3.829	4.75
92	MP3B	Z	0	4.75
93	MP3B	Mx	-.001	4.75
94	MP3C	X	4.002	4.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
95	MP3C	Z	0	4.75
96	MP3C	Mx	-.000834	4.75
97	MP4C	X	4.002	4.75
98	MP4C	Z	0	4.75
99	MP4C	Mx	-.000834	4.75
100	MP4A	X	3.208	4.75
101	MP4A	Z	0	4.75
102	MP4A	Mx	.001	4.75
103	MP4B	X	3.829	4.75
104	MP4B	Z	0	4.75
105	MP4B	Mx	-.001	4.75
106	MP4A	X	41.552	.38
107	MP4A	Z	0	.38
108	MP4A	Mx	-.045	.38
109	MP4A	X	41.552	4.38
110	MP4A	Z	0	4.38
111	MP4A	Mx	-.045	4.38
112	MP4B	X	45.891	.38
113	MP4B	Z	0	.38
114	MP4B	Mx	.009	.38
115	MP4B	X	45.891	4.38
116	MP4B	Z	0	4.38
117	MP4B	Mx	.009	4.38
118	MP4C	X	47.098	.38
119	MP4C	Z	0	.38
120	MP4C	Mx	.053	.38
121	MP4C	X	47.098	4.38
122	MP4C	Z	0	4.38
123	MP4C	Mx	.053	4.38
124	MP4A	X	41.552	.38
125	MP4A	Z	0	.38
126	MP4A	Mx	-.045	.38
127	MP4A	X	41.552	4.38
128	MP4A	Z	0	4.38
129	MP4A	Mx	-.045	4.38
130	MP4B	X	45.891	.38
131	MP4B	Z	0	.38
132	MP4B	Mx	.055	.38
133	MP4B	X	45.891	4.38
134	MP4B	Z	0	4.38
135	MP4B	Mx	.055	4.38
136	MP4C	X	47.098	.38
137	MP4C	Z	0	.38
138	MP4C	Mx	-.002	.38
139	MP4C	X	47.098	4.38
140	MP4C	Z	0	4.38
141	MP4C	Mx	-.002	4.38

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	10.225	.25
2	MP2A	Z	5.904	.25
3	MP2A	Mx	-.005	.25
4	MP2A	X	10.225	3.25
5	MP2A	Z	5.904	3.25
6	MP2A	Mx	-.005	3.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
7	MP2B	X	17.622	.25
8	MP2B	Z	10.174	.25
9	MP2B	Mx	.002	.25
10	MP2B	X	17.622	3.25
11	MP2B	Z	10.174	3.25
12	MP2B	Mx	.002	3.25
13	MP2C	X	10.225	.25
14	MP2C	Z	5.904	.25
15	MP2C	Mx	.005	.25
16	MP2C	X	10.225	3.25
17	MP2C	Z	5.904	3.25
18	MP2C	Mx	.005	3.25
19	MP1A	X	24.306	.42
20	MP1A	Z	14.033	.42
21	MP1A	Mx	-.018	.42
22	MP1A	X	24.306	5
23	MP1A	Z	14.033	5
24	MP1A	Mx	-.018	5
25	MP1B	X	26.376	.42
26	MP1B	Z	15.228	.42
27	MP1B	Mx	.004	.42
28	MP1B	X	26.376	5
29	MP1B	Z	15.228	5
30	MP1B	Mx	.004	5
31	MP1C	X	24.306	.42
32	MP1C	Z	14.033	.42
33	MP1C	Mx	.018	.42
34	MP1C	X	24.306	5
35	MP1C	Z	14.033	5
36	MP1C	Mx	.018	5
37	MP5A	X	24.306	.42
38	MP5A	Z	14.033	.42
39	MP5A	Mx	-.018	.42
40	MP5A	X	24.306	5
41	MP5A	Z	14.033	5
42	MP5A	Mx	-.018	5
43	MP5B	X	26.376	.42
44	MP5B	Z	15.228	.42
45	MP5B	Mx	.004	.42
46	MP5B	X	26.376	5
47	MP5B	Z	15.228	5
48	MP5B	Mx	.004	5
49	MP5C	X	24.306	.42
50	MP5C	Z	14.033	.42
51	MP5C	Mx	.018	.42
52	MP5C	X	24.306	5
53	MP5C	Z	14.033	5
54	MP5C	Mx	.018	5
55	MP2A	X	5.809	5.67
56	MP2A	Z	3.354	5.67
57	MP2A	Mx	-.004	5.67
58	MP2B	X	8.524	5.67
59	MP2B	Z	4.922	5.67
60	MP2B	Mx	.001	5.67
61	MP2C	X	5.809	5.67
62	MP2C	Z	3.354	5.67
63	MP2C	Mx	.004	5.67

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
64	MP3A	X	11.69	2.33
65	MP3A	Z	6.749	2.33
66	MP3A	Mx	.01	2.33
67	MP3B	X	14.998	2.33
68	MP3B	Z	8.659	2.33
69	MP3B	Mx	-.003	2.33
70	MP3C	X	11.69	2.33
71	MP3C	Z	6.749	2.33
72	MP3C	Mx	-.01	2.33
73	MP4A	X	10.38	2
74	MP4A	Z	5.993	2
75	MP4A	Mx	.009	2
76	MP4B	X	14.946	2
77	MP4B	Z	8.629	2
78	MP4B	Mx	-.002	2
79	MP4C	X	10.38	2
80	MP4C	Z	5.993	2
81	MP4C	Mx	-.009	2
82	MP2B	X	19.519	2.33
83	MP2B	Z	11.269	2.33
84	MP2B	Mx	-.002	2.33
85	MP2C	X	14.97	2.33
86	MP2C	Z	8.643	2.33
87	MP2C	Mx	-.007	2.33
88	MP3A	X	3.007	4.75
89	MP3A	Z	1.736	4.75
90	MP3A	Mx	.001	4.75
91	MP3B	X	3.667	4.75
92	MP3B	Z	2.117	4.75
93	MP3B	Mx	-.000306	4.75
94	MP3C	X	3.007	4.75
95	MP3C	Z	1.736	4.75
96	MP3C	Mx	-.001	4.75
97	MP4C	X	3.007	4.75
98	MP4C	Z	1.736	4.75
99	MP4C	Mx	-.001	4.75
100	MP4A	X	3.007	4.75
101	MP4A	Z	1.736	4.75
102	MP4A	Mx	.001	4.75
103	MP4B	X	3.667	4.75
104	MP4B	Z	2.117	4.75
105	MP4B	Mx	-.000306	4.75
106	MP4A	X	37.586	.38
107	MP4A	Z	21.7	.38
108	MP4A	Mx	-.026	.38
109	MP4A	X	37.586	4.38
110	MP4A	Z	21.7	4.38
111	MP4A	Mx	-.026	4.38
112	MP4B	X	42.195	.38
113	MP4B	Z	24.362	.38
114	MP4B	Mx	-.023	.38
115	MP4B	X	42.195	4.38
116	MP4B	Z	24.362	4.38
117	MP4B	Mx	-.023	4.38
118	MP4C	X	37.586	.38
119	MP4C	Z	21.7	.38
120	MP4C	Mx	.055	.38

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
121	MP4C	X	37.586	4.38
122	MP4C	Z	21.7	4.38
123	MP4C	Mx	.055	4.38
124	MP4A	X	37.586	.38
125	MP4A	Z	21.7	.38
126	MP4A	Mx	-.055	.38
127	MP4A	X	37.586	4.38
128	MP4A	Z	21.7	4.38
129	MP4A	Mx	-.055	4.38
130	MP4B	X	42.195	.38
131	MP4B	Z	24.362	.38
132	MP4B	Mx	.041	.38
133	MP4B	X	42.195	4.38
134	MP4B	Z	24.362	4.38
135	MP4B	Mx	.041	4.38
136	MP4C	X	37.586	.38
137	MP4C	Z	21.7	.38
138	MP4C	Mx	.026	.38
139	MP4C	X	37.586	4.38
140	MP4C	Z	21.7	4.38
141	MP4C	Mx	.026	4.38

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	8.87	.25
2	MP2A	Z	15.363	.25
3	MP2A	Mx	-.004	.25
4	MP2A	X	8.87	3.25
5	MP2A	Z	15.363	3.25
6	MP2A	Mx	-.004	3.25
7	MP2B	X	9.659	.25
8	MP2B	Z	16.729	.25
9	MP2B	Mx	-.003	.25
10	MP2B	X	9.659	3.25
11	MP2B	Z	16.729	3.25
12	MP2B	Mx	-.003	3.25
13	MP2C	X	4.421	.25
14	MP2C	Z	7.657	.25
15	MP2C	Mx	.004	.25
16	MP2C	X	4.421	3.25
17	MP2C	Z	7.657	3.25
18	MP2C	Mx	.004	3.25
19	MP1A	X	14.863	.42
20	MP1A	Z	25.744	.42
21	MP1A	Mx	-.011	.42
22	MP1A	X	14.863	5
23	MP1A	Z	25.744	5
24	MP1A	Mx	-.011	5
25	MP1B	X	15.084	.42
26	MP1B	Z	26.127	.42
27	MP1B	Mx	-.008	.42
28	MP1B	X	15.084	5
29	MP1B	Z	26.127	5
30	MP1B	Mx	-.008	5
31	MP1C	X	13.618	.42
32	MP1C	Z	23.587	.42

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
33	MP1C	Mx	.02	.42
34	MP1C	X	13.618	5
35	MP1C	Z	23.587	5
36	MP1C	Mx	.02	5
37	MP5A	X	14.863	.42
38	MP5A	Z	25.744	.42
39	MP5A	Mx	-.011	.42
40	MP5A	X	14.863	5
41	MP5A	Z	25.744	5
42	MP5A	Mx	-.011	5
43	MP5B	X	15.084	.42
44	MP5B	Z	26.127	.42
45	MP5B	Mx	-.008	.42
46	MP5B	X	15.084	5
47	MP5B	Z	26.127	5
48	MP5B	Mx	-.008	5
49	MP5C	X	13.618	.42
50	MP5C	Z	23.587	.42
51	MP5C	Mx	.02	.42
52	MP5C	X	13.618	5
53	MP5C	Z	23.587	5
54	MP5C	Mx	.02	5
55	MP2A	X	4.443	5.67
56	MP2A	Z	7.695	5.67
57	MP2A	Mx	-.003	5.67
58	MP2B	X	4.732	5.67
59	MP2B	Z	8.197	5.67
60	MP2B	Mx	-.002	5.67
61	MP2C	X	2.809	5.67
62	MP2C	Z	4.866	5.67
63	MP2C	Mx	.004	5.67
64	MP3A	X	8.076	2.33
65	MP3A	Z	13.988	2.33
66	MP3A	Mx	.007	2.33
67	MP3B	X	8.429	2.33
68	MP3B	Z	14.599	2.33
69	MP3B	Mx	.005	2.33
70	MP3C	X	6.086	2.33
71	MP3C	Z	10.541	2.33
72	MP3C	Mx	-.01	2.33
73	MP4A	X	7.824	2
74	MP4A	Z	13.551	2
75	MP4A	Mx	.007	2
76	MP4B	X	8.311	2
77	MP4B	Z	14.395	2
78	MP4B	Mx	.005	2
79	MP4C	X	5.078	2
80	MP4C	Z	8.795	2
81	MP4C	Mx	-.008	2
82	MP2B	X	10.953	2.33
83	MP2B	Z	18.97	2.33
84	MP2B	Mx	.004	2.33
85	MP2C	X	7.73	2.33
86	MP2C	Z	13.389	2.33
87	MP2C	Mx	-.008	2.33
88	MP3A	X	2.001	4.75
89	MP3A	Z	3.466	4.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
90	MP3A	Mx	.000834	4.75
91	MP3B	X	2.071	4.75
92	MP3B	Z	3.588	4.75
93	MP3B	Mx	.000591	4.75
94	MP3C	X	1.604	4.75
95	MP3C	Z	2.778	4.75
96	MP3C	Mx	-.001	4.75
97	MP4C	X	1.604	4.75
98	MP4C	Z	2.778	4.75
99	MP4C	Mx	-.001	4.75
100	MP4A	X	2.001	4.75
101	MP4A	Z	3.466	4.75
102	MP4A	Mx	.000834	4.75
103	MP4B	X	2.071	4.75
104	MP4B	Z	3.588	4.75
105	MP4B	Mx	.000591	4.75
106	MP4A	X	23.549	.38
107	MP4A	Z	40.788	.38
108	MP4A	Mx	.002	.38
109	MP4A	X	23.549	4.38
110	MP4A	Z	40.788	4.38
111	MP4A	Mx	.002	4.38
112	MP4B	X	24.041	.38
113	MP4B	Z	41.64	.38
114	MP4B	Mx	-.048	.38
115	MP4B	X	24.041	4.38
116	MP4B	Z	41.64	4.38
117	MP4B	Mx	-.048	4.38
118	MP4C	X	20.776	.38
119	MP4C	Z	35.985	.38
120	MP4C	Mx	.045	.38
121	MP4C	X	20.776	4.38
122	MP4C	Z	35.985	4.38
123	MP4C	Mx	.045	4.38
124	MP4A	X	23.549	.38
125	MP4A	Z	40.788	.38
126	MP4A	Mx	-.053	.38
127	MP4A	X	23.549	4.38
128	MP4A	Z	40.788	4.38
129	MP4A	Mx	-.053	4.38
130	MP4B	X	24.041	.38
131	MP4B	Z	41.64	.38
132	MP4B	Mx	.012	.38
133	MP4B	X	24.041	4.38
134	MP4B	Z	41.64	4.38
135	MP4B	Mx	.012	4.38
136	MP4C	X	20.776	.38
137	MP4C	Z	35.985	.38
138	MP4C	Mx	.045	.38
139	MP4C	X	20.776	4.38
140	MP4C	Z	35.985	4.38
141	MP4C	Mx	.045	4.38

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
2	MP2A	Z	20.705	.25
3	MP2A	Mx	0	.25
4	MP2A	X	0	3.25
5	MP2A	Z	20.705	3.25
6	MP2A	Mx	0	3.25
7	MP2B	X	0	.25
8	MP2B	Z	13.743	.25
9	MP2B	Mx	-.005	.25
10	MP2B	X	0	3.25
11	MP2B	Z	13.743	3.25
12	MP2B	Mx	-.005	3.25
13	MP2C	X	0	.25
14	MP2C	Z	11.807	.25
15	MP2C	Mx	.005	.25
16	MP2C	X	0	3.25
17	MP2C	Z	11.807	3.25
18	MP2C	Mx	.005	3.25
19	MP1A	X	0	.42
20	MP1A	Z	30.557	.42
21	MP1A	Mx	0	.42
22	MP1A	X	0	5
23	MP1A	Z	30.557	5
24	MP1A	Mx	0	5
25	MP1B	X	0	.42
26	MP1B	Z	28.608	.42
27	MP1B	Mx	-.016	.42
28	MP1B	X	0	5
29	MP1B	Z	28.608	5
30	MP1B	Mx	-.016	5
31	MP1C	X	0	.42
32	MP1C	Z	28.066	.42
33	MP1C	Mx	.018	.42
34	MP1C	X	0	5
35	MP1C	Z	28.066	5
36	MP1C	Mx	.018	5
37	MP5A	X	0	.42
38	MP5A	Z	30.557	.42
39	MP5A	Mx	0	.42
40	MP5A	X	0	5
41	MP5A	Z	30.557	5
42	MP5A	Mx	0	5
43	MP5B	X	0	.42
44	MP5B	Z	28.608	.42
45	MP5B	Mx	-.016	.42
46	MP5B	X	0	5
47	MP5B	Z	28.608	5
48	MP5B	Mx	-.016	5
49	MP5C	X	0	.42
50	MP5C	Z	28.066	.42
51	MP5C	Mx	.018	.42
52	MP5C	X	0	5
53	MP5C	Z	28.066	5
54	MP5C	Mx	.018	5
55	MP2A	X	0	5.67
56	MP2A	Z	9.975	5.67
57	MP2A	Mx	0	5.67
58	MP2B	X	0	5.67

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
59	MP2B	Z	7.418	5.67
60	MP2B	Mx	-.004	5.67
61	MP2C	X	0	5.67
62	MP2C	Z	6.707	5.67
63	MP2C	Mx	.004	5.67
64	MP3A	X	0	2.33
65	MP3A	Z	17.478	2.33
66	MP3A	Mx	0	2.33
67	MP3B	X	0	2.33
68	MP3B	Z	14.364	2.33
69	MP3B	Mx	.009	2.33
70	MP3C	X	0	2.33
71	MP3C	Z	13.499	2.33
72	MP3C	Mx	-.01	2.33
73	MP4A	X	0	2
74	MP4A	Z	17.478	2
75	MP4A	Mx	0	2
76	MP4B	X	0	2
77	MP4B	Z	13.181	2
78	MP4B	Mx	.008	2
79	MP4C	X	0	2
80	MP4C	Z	11.986	2
81	MP4C	Mx	-.009	2
82	MP2B	X	0	2.33
83	MP2B	Z	18.476	2.33
84	MP2B	Mx	.007	2.33
85	MP2C	X	0	2.33
86	MP2C	Z	17.285	2.33
87	MP2C	Mx	-.007	2.33
88	MP3A	X	0	4.75
89	MP3A	Z	4.267	4.75
90	MP3A	Mx	0	4.75
91	MP3B	X	0	4.75
92	MP3B	Z	3.645	4.75
93	MP3B	Mx	.001	4.75
94	MP3C	X	0	4.75
95	MP3C	Z	3.472	4.75
96	MP3C	Mx	-.001	4.75
97	MP4C	X	0	4.75
98	MP4C	Z	3.472	4.75
99	MP4C	Mx	-.001	4.75
100	MP4A	X	0	4.75
101	MP4A	Z	4.267	4.75
102	MP4A	Mx	0	4.75
103	MP4B	X	0	4.75
104	MP4B	Z	3.645	4.75
105	MP4B	Mx	.001	4.75
106	MP4A	X	0	.38
107	MP4A	Z	48.946	.38
108	MP4A	Mx	.033	.38
109	MP4A	X	0	4.38
110	MP4A	Z	48.946	4.38
111	MP4A	Mx	.033	4.38
112	MP4B	X	0	.38
113	MP4B	Z	44.607	.38
114	MP4B	Mx	-.056	.38
115	MP4B	X	0	4.38

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
116	MP4B	Z	44.607	4.38
117	MP4B	Mx	-.056	4.38
118	MP4C	X	0	.38
119	MP4C	Z	43.401	.38
120	MP4C	Mx	.026	.38
121	MP4C	X	0	4.38
122	MP4C	Z	43.401	4.38
123	MP4C	Mx	.026	4.38
124	MP4A	X	0	.38
125	MP4A	Z	48.946	.38
126	MP4A	Mx	-.033	.38
127	MP4A	X	0	4.38
128	MP4A	Z	48.946	4.38
129	MP4A	Mx	-.033	4.38
130	MP4B	X	0	.38
131	MP4B	Z	44.607	.38
132	MP4B	Mx	-.018	.38
133	MP4B	X	0	4.38
134	MP4B	Z	44.607	4.38
135	MP4B	Mx	-.018	4.38
136	MP4C	X	0	.38
137	MP4C	Z	43.401	.38
138	MP4C	Mx	.055	.38
139	MP4C	X	0	4.38
140	MP4C	Z	43.401	4.38
141	MP4C	Mx	.055	4.38

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-8.87	.25
2	MP2A	Z	15.363	.25
3	MP2A	Mx	.004	.25
4	MP2A	X	-8.87	3.25
5	MP2A	Z	15.363	3.25
6	MP2A	Mx	.004	3.25
7	MP2B	X	-4.6	.25
8	MP2B	Z	7.967	.25
9	MP2B	Mx	-.005	.25
10	MP2B	X	-4.6	3.25
11	MP2B	Z	7.967	3.25
12	MP2B	Mx	-.005	3.25
13	MP2C	X	-8.87	.25
14	MP2C	Z	15.363	.25
15	MP2C	Mx	.004	.25
16	MP2C	X	-8.87	3.25
17	MP2C	Z	15.363	3.25
18	MP2C	Mx	.004	3.25
19	MP1A	X	-14.863	.42
20	MP1A	Z	25.744	.42
21	MP1A	Mx	.011	.42
22	MP1A	X	-14.863	5
23	MP1A	Z	25.744	5
24	MP1A	Mx	.011	5
25	MP1B	X	-13.668	.42
26	MP1B	Z	23.674	.42
27	MP1B	Mx	-.02	.42

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
28	MP1B	X	-13.668	5
29	MP1B	Z	23.674	5
30	MP1B	Mx	-.02	5
31	MP1C	X	-14.863	.42
32	MP1C	Z	25.744	.42
33	MP1C	Mx	.011	.42
34	MP1C	X	-14.863	5
35	MP1C	Z	25.744	5
36	MP1C	Mx	.011	5
37	MP5A	X	-14.863	.42
38	MP5A	Z	25.744	.42
39	MP5A	Mx	.011	.42
40	MP5A	X	-14.863	5
41	MP5A	Z	25.744	5
42	MP5A	Mx	.011	5
43	MP5B	X	-13.668	.42
44	MP5B	Z	23.674	.42
45	MP5B	Mx	-.02	.42
46	MP5B	X	-13.668	5
47	MP5B	Z	23.674	5
48	MP5B	Mx	-.02	5
49	MP5C	X	-14.863	.42
50	MP5C	Z	25.744	.42
51	MP5C	Mx	.011	.42
52	MP5C	X	-14.863	5
53	MP5C	Z	25.744	5
54	MP5C	Mx	.011	5
55	MP2A	X	-4.443	5.67
56	MP2A	Z	7.695	5.67
57	MP2A	Mx	.003	5.67
58	MP2B	X	-2.875	5.67
59	MP2B	Z	4.979	5.67
60	MP2B	Mx	-.004	5.67
61	MP2C	X	-4.443	5.67
62	MP2C	Z	7.695	5.67
63	MP2C	Mx	.003	5.67
64	MP3A	X	-8.076	2.33
65	MP3A	Z	13.988	2.33
66	MP3A	Mx	-.007	2.33
67	MP3B	X	-6.166	2.33
68	MP3B	Z	10.68	2.33
69	MP3B	Mx	.01	2.33
70	MP3C	X	-8.076	2.33
71	MP3C	Z	13.988	2.33
72	MP3C	Mx	-.007	2.33
73	MP4A	X	-7.824	2
74	MP4A	Z	13.551	2
75	MP4A	Mx	-.007	2
76	MP4B	X	-5.188	2
77	MP4B	Z	8.986	2
78	MP4B	Mx	.009	2
79	MP4C	X	-7.824	2
80	MP4C	Z	13.551	2
81	MP4C	Mx	-.007	2
82	MP2B	X	-7.84	2.33
83	MP2B	Z	13.58	2.33
84	MP2B	Mx	.008	2.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
85	MP2C	X	-10.467	2.33
86	MP2C	Z	18.13	2.33
87	MP2C	Mx	-.005	2.33
88	MP3A	X	-2.001	4.75
89	MP3A	Z	3.466	4.75
90	MP3A	Mx	-.000834	4.75
91	MP3B	X	-1.62	4.75
92	MP3B	Z	2.806	4.75
93	MP3B	Mx	.001	4.75
94	MP3C	X	-2.001	4.75
95	MP3C	Z	3.466	4.75
96	MP3C	Mx	-.000834	4.75
97	MP4C	X	-2.001	4.75
98	MP4C	Z	3.466	4.75
99	MP4C	Mx	-.000834	4.75
100	MP4A	X	-2.001	4.75
101	MP4A	Z	3.466	4.75
102	MP4A	Mx	-.000834	4.75
103	MP4B	X	-1.62	4.75
104	MP4B	Z	2.806	4.75
105	MP4B	Mx	.001	4.75
106	MP4A	X	-23.549	.38
107	MP4A	Z	40.788	.38
108	MP4A	Mx	.053	.38
109	MP4A	X	-23.549	4.38
110	MP4A	Z	40.788	4.38
111	MP4A	Mx	.053	4.38
112	MP4B	X	-20.888	.38
113	MP4B	Z	36.179	.38
114	MP4B	Mx	-.049	.38
115	MP4B	X	-20.888	4.38
116	MP4B	Z	36.179	4.38
117	MP4B	Mx	-.049	4.38
118	MP4C	X	-23.549	.38
119	MP4C	Z	40.788	.38
120	MP4C	Mx	-.002	.38
121	MP4C	X	-23.549	4.38
122	MP4C	Z	40.788	4.38
123	MP4C	Mx	-.002	4.38
124	MP4A	X	-23.549	.38
125	MP4A	Z	40.788	.38
126	MP4A	Mx	-.002	.38
127	MP4A	X	-23.549	4.38
128	MP4A	Z	40.788	4.38
129	MP4A	Mx	-.002	4.38
130	MP4B	X	-20.888	.38
131	MP4B	Z	36.179	.38
132	MP4B	Mx	-.04	.38
133	MP4B	X	-20.888	4.38
134	MP4B	Z	36.179	4.38
135	MP4B	Mx	-.04	4.38
136	MP4C	X	-23.549	.38
137	MP4C	Z	40.788	.38
138	MP4C	Mx	.053	.38
139	MP4C	X	-23.549	4.38
140	MP4C	Z	40.788	4.38
141	MP4C	Mx	.053	4.38

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-10.225	.25
2	MP2A	Z	5.904	.25
3	MP2A	Mx	.005	.25
4	MP2A	X	-10.225	3.25
5	MP2A	Z	5.904	3.25
6	MP2A	Mx	.005	3.25
7	MP2B	X	-8.859	.25
8	MP2B	Z	5.115	.25
9	MP2B	Mx	-.005	.25
10	MP2B	X	-8.859	3.25
11	MP2B	Z	5.115	3.25
12	MP2B	Mx	-.005	3.25
13	MP2C	X	-17.931	.25
14	MP2C	Z	10.353	.25
15	MP2C	Mx	0	.25
16	MP2C	X	-17.931	3.25
17	MP2C	Z	10.353	3.25
18	MP2C	Mx	0	3.25
19	MP1A	X	-24.306	.42
20	MP1A	Z	14.033	.42
21	MP1A	Mx	.018	.42
22	MP1A	X	-24.306	5
23	MP1A	Z	14.033	5
24	MP1A	Mx	.018	5
25	MP1B	X	-23.924	.42
26	MP1B	Z	13.812	.42
27	MP1B	Mx	-.019	.42
28	MP1B	X	-23.924	5
29	MP1B	Z	13.812	5
30	MP1B	Mx	-.019	5
31	MP1C	X	-26.463	.42
32	MP1C	Z	15.278	.42
33	MP1C	Mx	0	.42
34	MP1C	X	-26.463	5
35	MP1C	Z	15.278	5
36	MP1C	Mx	0	5
37	MP5A	X	-24.306	.42
38	MP5A	Z	14.033	.42
39	MP5A	Mx	.018	.42
40	MP5A	X	-24.306	5
41	MP5A	Z	14.033	5
42	MP5A	Mx	.018	5
43	MP5B	X	-23.924	.42
44	MP5B	Z	13.812	.42
45	MP5B	Mx	-.019	.42
46	MP5B	X	-23.924	5
47	MP5B	Z	13.812	5
48	MP5B	Mx	-.019	5
49	MP5C	X	-26.463	.42
50	MP5C	Z	15.278	.42
51	MP5C	Mx	0	.42
52	MP5C	X	-26.463	5
53	MP5C	Z	15.278	5
54	MP5C	Mx	0	5
55	MP2A	X	-5.809	5.67
56	MP2A	Z	3.354	5.67
57	MP2A	Mx	.004	5.67

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP2B	X	-5.307	5.67
59	MP2B	Z	3.064	5.67
60	MP2B	Mx	-.004	5.67
61	MP2C	X	-8.638	5.67
62	MP2C	Z	4.987	5.67
63	MP2C	Mx	0	5.67
64	MP3A	X	-11.69	2.33
65	MP3A	Z	6.749	2.33
66	MP3A	Mx	-.01	2.33
67	MP3B	X	-11.079	2.33
68	MP3B	Z	6.396	2.33
69	MP3B	Mx	.01	2.33
70	MP3C	X	-15.137	2.33
71	MP3C	Z	8.739	2.33
72	MP3C	Mx	0	2.33
73	MP4A	X	-10.38	2
74	MP4A	Z	5.993	2
75	MP4A	Mx	-.009	2
76	MP4B	X	-9.537	2
77	MP4B	Z	5.506	2
78	MP4B	Mx	.009	2
79	MP4C	X	-15.137	2
80	MP4C	Z	8.739	2
81	MP4C	Mx	0	2
82	MP2B	X	-14.129	2.33
83	MP2B	Z	8.157	2.33
84	MP2B	Mx	.008	2.33
85	MP2C	X	-19.71	2.33
86	MP2C	Z	11.379	2.33
87	MP2C	Mx	0	2.33
88	MP3A	X	-3.007	4.75
89	MP3A	Z	1.736	4.75
90	MP3A	Mx	-.001	4.75
91	MP3B	X	-2.885	4.75
92	MP3B	Z	1.666	4.75
93	MP3B	Mx	.001	4.75
94	MP3C	X	-3.695	4.75
95	MP3C	Z	2.133	4.75
96	MP3C	Mx	0	4.75
97	MP4C	X	-3.695	4.75
98	MP4C	Z	2.133	4.75
99	MP4C	Mx	0	4.75
100	MP4A	X	-3.007	4.75
101	MP4A	Z	1.736	4.75
102	MP4A	Mx	-.001	4.75
103	MP4B	X	-2.885	4.75
104	MP4B	Z	1.666	4.75
105	MP4B	Mx	.001	4.75
106	MP4A	X	-37.586	.38
107	MP4A	Z	21.7	.38
108	MP4A	Mx	.055	.38
109	MP4A	X	-37.586	4.38
110	MP4A	Z	21.7	4.38
111	MP4A	Mx	.055	4.38
112	MP4B	X	-36.734	.38
113	MP4B	Z	21.209	.38
114	MP4B	Mx	-.034	.38

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
115	MP4B	X	-36.734	4.38
116	MP4B	Z	21.209	4.38
117	MP4B	Mx	-.034	4.38
118	MP4C	X	-42.389	.38
119	MP4C	Z	24.473	.38
120	MP4C	Mx	-.033	.38
121	MP4C	X	-42.389	4.38
122	MP4C	Z	24.473	4.38
123	MP4C	Mx	-.033	4.38
124	MP4A	X	-37.586	.38
125	MP4A	Z	21.7	.38
126	MP4A	Mx	.026	.38
127	MP4A	X	-37.586	4.38
128	MP4A	Z	21.7	4.38
129	MP4A	Mx	.026	4.38
130	MP4B	X	-36.734	.38
131	MP4B	Z	21.209	.38
132	MP4B	Mx	-.053	.38
133	MP4B	X	-36.734	4.38
134	MP4B	Z	21.209	4.38
135	MP4B	Mx	-.053	4.38
136	MP4C	X	-42.389	.38
137	MP4C	Z	24.473	.38
138	MP4C	Mx	.033	.38
139	MP4C	X	-42.389	4.38
140	MP4C	Z	24.473	4.38
141	MP4C	Mx	.033	4.38

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-8.841	.25
2	MP2A	Z	0	.25
3	MP2A	Mx	.004	.25
4	MP2A	X	-8.841	3.25
5	MP2A	Z	0	3.25
6	MP2A	Mx	.004	3.25
7	MP2B	X	-15.803	.25
8	MP2B	Z	0	.25
9	MP2B	Mx	-.005	.25
10	MP2B	X	-15.803	3.25
11	MP2B	Z	0	3.25
12	MP2B	Mx	-.005	3.25
13	MP2C	X	-17.739	.25
14	MP2C	Z	0	.25
15	MP2C	Mx	-.004	.25
16	MP2C	X	-17.739	3.25
17	MP2C	Z	0	3.25
18	MP2C	Mx	-.004	3.25
19	MP1A	X	-27.236	.42
20	MP1A	Z	0	.42
21	MP1A	Mx	.02	.42
22	MP1A	X	-27.236	5
23	MP1A	Z	0	5
24	MP1A	Mx	.02	5
25	MP1B	X	-29.185	.42
26	MP1B	Z	0	.42

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
27	MP1B	Mx	-.014	.42
28	MP1B	X	-29.185	5
29	MP1B	Z	0	5
30	MP1B	Mx	-.014	5
31	MP1C	X	-29.727	.42
32	MP1C	Z	0	.42
33	MP1C	Mx	-.011	.42
34	MP1C	X	-29.727	5
35	MP1C	Z	0	5
36	MP1C	Mx	-.011	5
37	MP5A	X	-27.236	.42
38	MP5A	Z	0	.42
39	MP5A	Mx	.02	.42
40	MP5A	X	-27.236	5
41	MP5A	Z	0	5
42	MP5A	Mx	.02	5
43	MP5B	X	-29.185	.42
44	MP5B	Z	0	.42
45	MP5B	Mx	-.014	.42
46	MP5B	X	-29.185	5
47	MP5B	Z	0	5
48	MP5B	Mx	-.014	5
49	MP5C	X	-29.727	.42
50	MP5C	Z	0	.42
51	MP5C	Mx	-.011	.42
52	MP5C	X	-29.727	5
53	MP5C	Z	0	5
54	MP5C	Mx	-.011	5
55	MP2A	X	-5.618	5.67
56	MP2A	Z	0	5.67
57	MP2A	Mx	.004	5.67
58	MP2B	X	-8.175	5.67
59	MP2B	Z	0	5.67
60	MP2B	Mx	-.004	5.67
61	MP2C	X	-8.885	5.67
62	MP2C	Z	0	5.67
63	MP2C	Mx	-.003	5.67
64	MP3A	X	-12.172	2.33
65	MP3A	Z	0	2.33
66	MP3A	Mx	-.01	2.33
67	MP3B	X	-15.286	2.33
68	MP3B	Z	0	2.33
69	MP3B	Mx	.008	2.33
70	MP3C	X	-16.152	2.33
71	MP3C	Z	0	2.33
72	MP3C	Mx	.007	2.33
73	MP4A	X	-10.155	2
74	MP4A	Z	0	2
75	MP4A	Mx	-.008	2
76	MP4B	X	-14.453	2
77	MP4B	Z	0	2
78	MP4B	Mx	.008	2
79	MP4C	X	-15.648	2
80	MP4C	Z	0	2
81	MP4C	Mx	.007	2
82	MP2B	X	-19.743	2.33
83	MP2B	Z	0	2.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
84	MP2B	Mx	.006	2.33
85	MP2C	X	-20.934	2.33
86	MP2C	Z	0	2.33
87	MP2C	Mx	.005	2.33
88	MP3A	X	-3.208	4.75
89	MP3A	Z	0	4.75
90	MP3A	Mx	-.001	4.75
91	MP3B	X	-3.829	4.75
92	MP3B	Z	0	4.75
93	MP3B	Mx	.001	4.75
94	MP3C	X	-4.002	4.75
95	MP3C	Z	0	4.75
96	MP3C	Mx	.000834	4.75
97	MP4C	X	-4.002	4.75
98	MP4C	Z	0	4.75
99	MP4C	Mx	.000834	4.75
100	MP4A	X	-3.208	4.75
101	MP4A	Z	0	4.75
102	MP4A	Mx	-.001	4.75
103	MP4B	X	-3.829	4.75
104	MP4B	Z	0	4.75
105	MP4B	Mx	.001	4.75
106	MP4A	X	-41.552	.38
107	MP4A	Z	0	.38
108	MP4A	Mx	.045	.38
109	MP4A	X	-41.552	4.38
110	MP4A	Z	0	4.38
111	MP4A	Mx	.045	4.38
112	MP4B	X	-45.891	.38
113	MP4B	Z	0	.38
114	MP4B	Mx	-.009	.38
115	MP4B	X	-45.891	4.38
116	MP4B	Z	0	4.38
117	MP4B	Mx	-.009	4.38
118	MP4C	X	-47.098	.38
119	MP4C	Z	0	.38
120	MP4C	Mx	-.053	.38
121	MP4C	X	-47.098	4.38
122	MP4C	Z	0	4.38
123	MP4C	Mx	-.053	4.38
124	MP4A	X	-41.552	.38
125	MP4A	Z	0	.38
126	MP4A	Mx	.045	.38
127	MP4A	X	-41.552	4.38
128	MP4A	Z	0	4.38
129	MP4A	Mx	.045	4.38
130	MP4B	X	-45.891	.38
131	MP4B	Z	0	.38
132	MP4B	Mx	-.055	.38
133	MP4B	X	-45.891	4.38
134	MP4B	Z	0	4.38
135	MP4B	Mx	-.055	4.38
136	MP4C	X	-47.098	.38
137	MP4C	Z	0	.38
138	MP4C	Mx	.002	.38
139	MP4C	X	-47.098	4.38
140	MP4C	Z	0	4.38

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
141	MP4C	Mx	.002	4.38

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-10.225	.25
2	MP2A	Z	-5.904	.25
3	MP2A	Mx	.005	.25
4	MP2A	X	-10.225	3.25
5	MP2A	Z	-5.904	3.25
6	MP2A	Mx	.005	3.25
7	MP2B	X	-17.622	.25
8	MP2B	Z	-10.174	.25
9	MP2B	Mx	-.002	.25
10	MP2B	X	-17.622	3.25
11	MP2B	Z	-10.174	3.25
12	MP2B	Mx	-.002	3.25
13	MP2C	X	-10.225	.25
14	MP2C	Z	-5.904	.25
15	MP2C	Mx	-.005	.25
16	MP2C	X	-10.225	3.25
17	MP2C	Z	-5.904	3.25
18	MP2C	Mx	-.005	3.25
19	MP1A	X	-24.306	.42
20	MP1A	Z	-14.033	.42
21	MP1A	Mx	.018	.42
22	MP1A	X	-24.306	5
23	MP1A	Z	-14.033	5
24	MP1A	Mx	.018	5
25	MP1B	X	-26.376	.42
26	MP1B	Z	-15.228	.42
27	MP1B	Mx	-.004	.42
28	MP1B	X	-26.376	5
29	MP1B	Z	-15.228	5
30	MP1B	Mx	-.004	5
31	MP1C	X	-24.306	.42
32	MP1C	Z	-14.033	.42
33	MP1C	Mx	-.018	.42
34	MP1C	X	-24.306	5
35	MP1C	Z	-14.033	5
36	MP1C	Mx	-.018	5
37	MP5A	X	-24.306	.42
38	MP5A	Z	-14.033	.42
39	MP5A	Mx	.018	.42
40	MP5A	X	-24.306	5
41	MP5A	Z	-14.033	5
42	MP5A	Mx	.018	5
43	MP5B	X	-26.376	.42
44	MP5B	Z	-15.228	.42
45	MP5B	Mx	-.004	.42
46	MP5B	X	-26.376	5
47	MP5B	Z	-15.228	5
48	MP5B	Mx	-.004	5
49	MP5C	X	-24.306	.42
50	MP5C	Z	-14.033	.42
51	MP5C	Mx	-.018	.42
52	MP5C	X	-24.306	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
53	MP5C	Z	-14.033	5
54	MP5C	Mx	-.018	5
55	MP2A	X	-5.809	5.67
56	MP2A	Z	-3.354	5.67
57	MP2A	Mx	.004	5.67
58	MP2B	X	-8.524	5.67
59	MP2B	Z	-4.922	5.67
60	MP2B	Mx	-.001	5.67
61	MP2C	X	-5.809	5.67
62	MP2C	Z	-3.354	5.67
63	MP2C	Mx	-.004	5.67
64	MP3A	X	-11.69	2.33
65	MP3A	Z	-6.749	2.33
66	MP3A	Mx	-.01	2.33
67	MP3B	X	-14.998	2.33
68	MP3B	Z	-8.659	2.33
69	MP3B	Mx	.003	2.33
70	MP3C	X	-11.69	2.33
71	MP3C	Z	-6.749	2.33
72	MP3C	Mx	.01	2.33
73	MP4A	X	-10.38	2
74	MP4A	Z	-5.993	2
75	MP4A	Mx	-.009	2
76	MP4B	X	-14.946	2
77	MP4B	Z	-8.629	2
78	MP4B	Mx	.002	2
79	MP4C	X	-10.38	2
80	MP4C	Z	-5.993	2
81	MP4C	Mx	.009	2
82	MP2B	X	-19.519	2.33
83	MP2B	Z	-11.269	2.33
84	MP2B	Mx	.002	2.33
85	MP2C	X	-14.97	2.33
86	MP2C	Z	-8.643	2.33
87	MP2C	Mx	.007	2.33
88	MP3A	X	-3.007	4.75
89	MP3A	Z	-1.736	4.75
90	MP3A	Mx	-.001	4.75
91	MP3B	X	-3.667	4.75
92	MP3B	Z	-2.117	4.75
93	MP3B	Mx	.000306	4.75
94	MP3C	X	-3.007	4.75
95	MP3C	Z	-1.736	4.75
96	MP3C	Mx	.001	4.75
97	MP4C	X	-3.007	4.75
98	MP4C	Z	-1.736	4.75
99	MP4C	Mx	.001	4.75
100	MP4A	X	-3.007	4.75
101	MP4A	Z	-1.736	4.75
102	MP4A	Mx	-.001	4.75
103	MP4B	X	-3.667	4.75
104	MP4B	Z	-2.117	4.75
105	MP4B	Mx	.000306	4.75
106	MP4A	X	-37.586	.38
107	MP4A	Z	-21.7	.38
108	MP4A	Mx	.026	.38
109	MP4A	X	-37.586	4.38

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
110	MP4A	Z	-21.7	4.38
111	MP4A	Mx	.026	4.38
112	MP4B	X	-42.195	.38
113	MP4B	Z	-24.362	.38
114	MP4B	Mx	.023	.38
115	MP4B	X	-42.195	4.38
116	MP4B	Z	-24.362	4.38
117	MP4B	Mx	.023	4.38
118	MP4C	X	-37.586	.38
119	MP4C	Z	-21.7	.38
120	MP4C	Mx	-.055	.38
121	MP4C	X	-37.586	4.38
122	MP4C	Z	-21.7	4.38
123	MP4C	Mx	-.055	4.38
124	MP4A	X	-37.586	.38
125	MP4A	Z	-21.7	.38
126	MP4A	Mx	.055	.38
127	MP4A	X	-37.586	4.38
128	MP4A	Z	-21.7	4.38
129	MP4A	Mx	.055	4.38
130	MP4B	X	-42.195	.38
131	MP4B	Z	-24.362	.38
132	MP4B	Mx	-.041	.38
133	MP4B	X	-42.195	4.38
134	MP4B	Z	-24.362	4.38
135	MP4B	Mx	-.041	4.38
136	MP4C	X	-37.586	.38
137	MP4C	Z	-21.7	.38
138	MP4C	Mx	-.026	.38
139	MP4C	X	-37.586	4.38
140	MP4C	Z	-21.7	4.38
141	MP4C	Mx	-.026	4.38

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-8.87	.25
2	MP2A	Z	-15.363	.25
3	MP2A	Mx	.004	.25
4	MP2A	X	-8.87	3.25
5	MP2A	Z	-15.363	3.25
6	MP2A	Mx	.004	3.25
7	MP2B	X	-9.659	.25
8	MP2B	Z	-16.729	.25
9	MP2B	Mx	.003	.25
10	MP2B	X	-9.659	3.25
11	MP2B	Z	-16.729	3.25
12	MP2B	Mx	.003	3.25
13	MP2C	X	-4.421	.25
14	MP2C	Z	-7.657	.25
15	MP2C	Mx	-.004	.25
16	MP2C	X	-4.421	3.25
17	MP2C	Z	-7.657	3.25
18	MP2C	Mx	-.004	3.25
19	MP1A	X	-14.863	.42
20	MP1A	Z	-25.744	.42
21	MP1A	Mx	.011	.42

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
22	MP1A	X	-14.863	5
23	MP1A	Z	-25.744	5
24	MP1A	Mx	.011	5
25	MP1B	X	-15.084	.42
26	MP1B	Z	-26.127	.42
27	MP1B	Mx	.008	.42
28	MP1B	X	-15.084	5
29	MP1B	Z	-26.127	5
30	MP1B	Mx	.008	5
31	MP1C	X	-13.618	.42
32	MP1C	Z	-23.587	.42
33	MP1C	Mx	-.02	.42
34	MP1C	X	-13.618	5
35	MP1C	Z	-23.587	5
36	MP1C	Mx	-.02	5
37	MP5A	X	-14.863	.42
38	MP5A	Z	-25.744	.42
39	MP5A	Mx	.011	.42
40	MP5A	X	-14.863	5
41	MP5A	Z	-25.744	5
42	MP5A	Mx	.011	5
43	MP5B	X	-15.084	.42
44	MP5B	Z	-26.127	.42
45	MP5B	Mx	.008	.42
46	MP5B	X	-15.084	5
47	MP5B	Z	-26.127	5
48	MP5B	Mx	.008	5
49	MP5C	X	-13.618	.42
50	MP5C	Z	-23.587	.42
51	MP5C	Mx	-.02	.42
52	MP5C	X	-13.618	5
53	MP5C	Z	-23.587	5
54	MP5C	Mx	-.02	5
55	MP2A	X	-4.443	5.67
56	MP2A	Z	-7.695	5.67
57	MP2A	Mx	.003	5.67
58	MP2B	X	-4.732	5.67
59	MP2B	Z	-8.197	5.67
60	MP2B	Mx	.002	5.67
61	MP2C	X	-2.809	5.67
62	MP2C	Z	-4.866	5.67
63	MP2C	Mx	-.004	5.67
64	MP3A	X	-8.076	2.33
65	MP3A	Z	-13.988	2.33
66	MP3A	Mx	-.007	2.33
67	MP3B	X	-8.429	2.33
68	MP3B	Z	-14.599	2.33
69	MP3B	Mx	-.005	2.33
70	MP3C	X	-6.086	2.33
71	MP3C	Z	-10.541	2.33
72	MP3C	Mx	.01	2.33
73	MP4A	X	-7.824	2
74	MP4A	Z	-13.551	2
75	MP4A	Mx	-.007	2
76	MP4B	X	-8.311	2
77	MP4B	Z	-14.395	2
78	MP4B	Mx	-.005	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
79	MP4C	X	-5.078	2
80	MP4C	Z	-8.795	2
81	MP4C	Mx	.008	2
82	MP2B	X	-10.953	2.33
83	MP2B	Z	-18.97	2.33
84	MP2B	Mx	-.004	2.33
85	MP2C	X	-7.73	2.33
86	MP2C	Z	-13.389	2.33
87	MP2C	Mx	.008	2.33
88	MP3A	X	-2.001	4.75
89	MP3A	Z	-3.466	4.75
90	MP3A	Mx	-.000834	4.75
91	MP3B	X	-2.071	4.75
92	MP3B	Z	-3.588	4.75
93	MP3B	Mx	-.000591	4.75
94	MP3C	X	-1.604	4.75
95	MP3C	Z	-2.778	4.75
96	MP3C	Mx	.001	4.75
97	MP4C	X	-1.604	4.75
98	MP4C	Z	-2.778	4.75
99	MP4C	Mx	.001	4.75
100	MP4A	X	-2.001	4.75
101	MP4A	Z	-3.466	4.75
102	MP4A	Mx	-.000834	4.75
103	MP4B	X	-2.071	4.75
104	MP4B	Z	-3.588	4.75
105	MP4B	Mx	-.000591	4.75
106	MP4A	X	-23.549	.38
107	MP4A	Z	-40.788	.38
108	MP4A	Mx	-.002	.38
109	MP4A	X	-23.549	4.38
110	MP4A	Z	-40.788	4.38
111	MP4A	Mx	-.002	4.38
112	MP4B	X	-24.041	.38
113	MP4B	Z	-41.64	.38
114	MP4B	Mx	.048	.38
115	MP4B	X	-24.041	4.38
116	MP4B	Z	-41.64	4.38
117	MP4B	Mx	.048	4.38
118	MP4C	X	-20.776	.38
119	MP4C	Z	-35.985	.38
120	MP4C	Mx	-.045	.38
121	MP4C	X	-20.776	4.38
122	MP4C	Z	-35.985	4.38
123	MP4C	Mx	-.045	4.38
124	MP4A	X	-23.549	.38
125	MP4A	Z	-40.788	.38
126	MP4A	Mx	.053	.38
127	MP4A	X	-23.549	4.38
128	MP4A	Z	-40.788	4.38
129	MP4A	Mx	.053	4.38
130	MP4B	X	-24.041	.38
131	MP4B	Z	-41.64	.38
132	MP4B	Mx	-.012	.38
133	MP4B	X	-24.041	4.38
134	MP4B	Z	-41.64	4.38
135	MP4B	Mx	-.012	4.38

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
136	MP4C	X	-20.776	.38
137	MP4C	Z	-35.985	.38
138	MP4C	Mx	-.045	.38
139	MP4C	X	-20.776	4.38
140	MP4C	Z	-35.985	4.38
141	MP4C	Mx	-.045	4.38

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	.25
2	MP2A	Z	-6.576	.25
3	MP2A	Mx	0	.25
4	MP2A	X	0	3.25
5	MP2A	Z	-6.576	3.25
6	MP2A	Mx	0	3.25
7	MP2B	X	0	.25
8	MP2B	Z	-4.228	.25
9	MP2B	Mx	.002	.25
10	MP2B	X	0	3.25
11	MP2B	Z	-4.228	3.25
12	MP2B	Mx	.002	3.25
13	MP2C	X	0	.25
14	MP2C	Z	-3.575	.25
15	MP2C	Mx	-.002	.25
16	MP2C	X	0	3.25
17	MP2C	Z	-3.575	3.25
18	MP2C	Mx	-.002	3.25
19	MP1A	X	0	.42
20	MP1A	Z	-9.864	.42
21	MP1A	Mx	0	.42
22	MP1A	X	0	5
23	MP1A	Z	-9.864	5
24	MP1A	Mx	0	5
25	MP1B	X	0	.42
26	MP1B	Z	-9.132	.42
27	MP1B	Mx	.005	.42
28	MP1B	X	0	5
29	MP1B	Z	-9.132	5
30	MP1B	Mx	.005	5
31	MP1C	X	0	.42
32	MP1C	Z	-8.928	.42
33	MP1C	Mx	-.006	.42
34	MP1C	X	0	5
35	MP1C	Z	-8.928	5
36	MP1C	Mx	-.006	5
37	MP5A	X	0	.42
38	MP5A	Z	-9.864	.42
39	MP5A	Mx	0	.42
40	MP5A	X	0	5
41	MP5A	Z	-9.864	5
42	MP5A	Mx	0	5
43	MP5B	X	0	.42
44	MP5B	Z	-9.132	.42
45	MP5B	Mx	.005	.42
46	MP5B	X	0	5
47	MP5B	Z	-9.132	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
48	MP5B	Mx	.005	5
49	MP5C	X	0	.42
50	MP5C	Z	-8.928	.42
51	MP5C	Mx	-.006	.42
52	MP5C	X	0	5
53	MP5C	Z	-8.928	5
54	MP5C	Mx	-.006	5
55	MP2A	X	0	5.67
56	MP2A	Z	-2.798	5.67
57	MP2A	Mx	0	5.67
58	MP2B	X	0	5.67
59	MP2B	Z	-1.979	5.67
60	MP2B	Mx	.001	5.67
61	MP2C	X	0	5.67
62	MP2C	Z	-1.751	5.67
63	MP2C	Mx	-.001	5.67
64	MP3A	X	0	2.33
65	MP3A	Z	-5.233	2.33
66	MP3A	Mx	0	2.33
67	MP3B	X	0	2.33
68	MP3B	Z	-4.215	2.33
69	MP3B	Mx	-.003	2.33
70	MP3C	X	0	2.33
71	MP3C	Z	-3.932	2.33
72	MP3C	Mx	.003	2.33
73	MP4A	X	0	2
74	MP4A	Z	-5.233	2
75	MP4A	Mx	0	2
76	MP4B	X	0	2
77	MP4B	Z	-3.825	2
78	MP4B	Mx	-.002	2
79	MP4C	X	0	2
80	MP4C	Z	-3.433	2
81	MP4C	Mx	.002	2
82	MP2B	X	0	2.33
83	MP2B	Z	-5.556	2.33
84	MP2B	Mx	-.002	2.33
85	MP2C	X	0	2.33
86	MP2C	Z	-5.156	2.33
87	MP2C	Mx	.002	2.33
88	MP3A	X	0	4.75
89	MP3A	Z	-1.035	4.75
90	MP3A	Mx	0	4.75
91	MP3B	X	0	4.75
92	MP3B	Z	-.848	4.75
93	MP3B	Mx	-.000271	4.75
94	MP3C	X	0	4.75
95	MP3C	Z	-.796	4.75
96	MP3C	Mx	.000287	4.75
97	MP4C	X	0	4.75
98	MP4C	Z	-.796	4.75
99	MP4C	Mx	.000287	4.75
100	MP4A	X	0	4.75
101	MP4A	Z	-1.035	4.75
102	MP4A	Mx	0	4.75
103	MP4B	X	0	4.75
104	MP4B	Z	-.848	4.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
105	MP4B	Mx	-.000271	4.75
106	MP4A	X	0	.38
107	MP4A	Z	-16.048	.38
108	MP4A	Mx	-.011	.38
109	MP4A	X	0	4.38
110	MP4A	Z	-16.048	4.38
111	MP4A	Mx	-.011	4.38
112	MP4B	X	0	.38
113	MP4B	Z	-14.513	.38
114	MP4B	Mx	.018	.38
115	MP4B	X	0	4.38
116	MP4B	Z	-14.513	4.38
117	MP4B	Mx	.018	4.38
118	MP4C	X	0	.38
119	MP4C	Z	-14.086	.38
120	MP4C	Mx	-.009	.38
121	MP4C	X	0	4.38
122	MP4C	Z	-14.086	4.38
123	MP4C	Mx	-.009	4.38
124	MP4A	X	0	.38
125	MP4A	Z	-16.048	.38
126	MP4A	Mx	.011	.38
127	MP4A	X	0	4.38
128	MP4A	Z	-16.048	4.38
129	MP4A	Mx	.011	4.38
130	MP4B	X	0	.38
131	MP4B	Z	-14.513	.38
132	MP4B	Mx	.006	.38
133	MP4B	X	0	4.38
134	MP4B	Z	-14.513	4.38
135	MP4B	Mx	.006	4.38
136	MP4C	X	0	.38
137	MP4C	Z	-14.086	.38
138	MP4C	Mx	-.018	.38
139	MP4C	X	0	4.38
140	MP4C	Z	-14.086	4.38
141	MP4C	Mx	-.018	4.38

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	2.788	.25
2	MP2A	Z	-4.829	.25
3	MP2A	Mx	-.001	.25
4	MP2A	X	2.788	3.25
5	MP2A	Z	-4.829	3.25
6	MP2A	Mx	-.001	3.25
7	MP2B	X	1.348	.25
8	MP2B	Z	-2.334	.25
9	MP2B	Mx	.001	.25
10	MP2B	X	1.348	3.25
11	MP2B	Z	-2.334	3.25
12	MP2B	Mx	.001	3.25
13	MP2C	X	2.788	.25
14	MP2C	Z	-4.829	.25
15	MP2C	Mx	-.001	.25
16	MP2C	X	2.788	3.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
17	MP2C	Z	-4.829	3.25
18	MP2C	Mx	-.001	3.25
19	MP1A	X	4.776	.42
20	MP1A	Z	-8.272	.42
21	MP1A	Mx	-.004	.42
22	MP1A	X	4.776	5
23	MP1A	Z	-8.272	5
24	MP1A	Mx	-.004	5
25	MP1B	X	4.327	.42
26	MP1B	Z	-7.495	.42
27	MP1B	Mx	.006	.42
28	MP1B	X	4.327	5
29	MP1B	Z	-7.495	5
30	MP1B	Mx	.006	5
31	MP1C	X	4.776	.42
32	MP1C	Z	-8.272	.42
33	MP1C	Mx	-.004	.42
34	MP1C	X	4.776	5
35	MP1C	Z	-8.272	5
36	MP1C	Mx	-.004	5
37	MP5A	X	4.776	.42
38	MP5A	Z	-8.272	.42
39	MP5A	Mx	-.004	.42
40	MP5A	X	4.776	5
41	MP5A	Z	-8.272	5
42	MP5A	Mx	-.004	5
43	MP5B	X	4.327	.42
44	MP5B	Z	-7.495	.42
45	MP5B	Mx	.006	.42
46	MP5B	X	4.327	5
47	MP5B	Z	-7.495	5
48	MP5B	Mx	.006	5
49	MP5C	X	4.776	.42
50	MP5C	Z	-8.272	.42
51	MP5C	Mx	-.004	.42
52	MP5C	X	4.776	5
53	MP5C	Z	-8.272	5
54	MP5C	Mx	-.004	5
55	MP2A	X	1.225	5.67
56	MP2A	Z	-2.121	5.67
57	MP2A	Mx	-.000919	5.67
58	MP2B	X	.722	5.67
59	MP2B	Z	-1.251	5.67
60	MP2B	Mx	.001	5.67
61	MP2C	X	1.225	5.67
62	MP2C	Z	-2.121	5.67
63	MP2C	Mx	-.000918	5.67
64	MP3A	X	2.4	2.33
65	MP3A	Z	-4.156	2.33
66	MP3A	Mx	.002	2.33
67	MP3B	X	1.775	2.33
68	MP3B	Z	-3.075	2.33
69	MP3B	Mx	-.003	2.33
70	MP3C	X	2.4	2.33
71	MP3C	Z	-4.156	2.33
72	MP3C	Mx	.002	2.33
73	MP4A	X	2.316	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
74	MP4A	Z	-4.012	2
75	MP4A	Mx	.002	2
76	MP4B	X	1.453	2
77	MP4B	Z	-2.516	2
78	MP4B	Mx	-.002	2
79	MP4C	X	2.316	2
80	MP4C	Z	-4.012	2
81	MP4C	Mx	.002	2
82	MP2B	X	2.308	2.33
83	MP2B	Z	-3.998	2.33
84	MP2B	Mx	-.002	2.33
85	MP2C	X	3.191	2.33
86	MP2C	Z	-5.527	2.33
87	MP2C	Mx	.002	2.33
88	MP3A	X	.478	4.75
89	MP3A	Z	-.828	4.75
90	MP3A	Mx	.000199	4.75
91	MP3B	X	.363	4.75
92	MP3B	Z	-.629	4.75
93	MP3B	Mx	-.000298	4.75
94	MP3C	X	.478	4.75
95	MP3C	Z	-.828	4.75
96	MP3C	Mx	.000199	4.75
97	MP4C	X	.478	4.75
98	MP4C	Z	-.828	4.75
99	MP4C	Mx	.000199	4.75
100	MP4A	X	.478	4.75
101	MP4A	Z	-.828	4.75
102	MP4A	Mx	.000199	4.75
103	MP4B	X	.363	4.75
104	MP4B	Z	-.629	4.75
105	MP4B	Mx	-.000298	4.75
106	MP4A	X	7.697	.38
107	MP4A	Z	-13.332	.38
108	MP4A	Mx	-.017	.38
109	MP4A	X	7.697	4.38
110	MP4A	Z	-13.332	4.38
111	MP4A	Mx	-.017	4.38
112	MP4B	X	6.755	.38
113	MP4B	Z	-11.7	.38
114	MP4B	Mx	.016	.38
115	MP4B	X	6.755	4.38
116	MP4B	Z	-11.7	4.38
117	MP4B	Mx	.016	4.38
118	MP4C	X	7.697	.38
119	MP4C	Z	-13.332	.38
120	MP4C	Mx	.000549	.38
121	MP4C	X	7.697	4.38
122	MP4C	Z	-13.332	4.38
123	MP4C	Mx	.000549	4.38
124	MP4A	X	7.697	.38
125	MP4A	Z	-13.332	.38
126	MP4A	Mx	.00055	.38
127	MP4A	X	7.697	4.38
128	MP4A	Z	-13.332	4.38
129	MP4A	Mx	.00055	4.38
130	MP4B	X	6.755	.38

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
131	MP4B	Z	-11.7	.38
132	MP4B	Mx	.013	.38
133	MP4B	X	6.755	4.38
134	MP4B	Z	-11.7	4.38
135	MP4B	Mx	.013	4.38
136	MP4C	X	7.697	.38
137	MP4C	Z	-13.332	.38
138	MP4C	Mx	-.017	.38
139	MP4C	X	7.697	4.38
140	MP4C	Z	-13.332	4.38
141	MP4C	Mx	-.017	4.38

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	3.096	.25
2	MP2A	Z	-1.787	.25
3	MP2A	Mx	-.002	.25
4	MP2A	X	3.096	3.25
5	MP2A	Z	-1.787	3.25
6	MP2A	Mx	-.002	3.25
7	MP2B	X	2.635	.25
8	MP2B	Z	-1.521	.25
9	MP2B	Mx	.001	.25
10	MP2B	X	2.635	3.25
11	MP2B	Z	-1.521	3.25
12	MP2B	Mx	.001	3.25
13	MP2C	X	5.695	.25
14	MP2C	Z	-3.288	.25
15	MP2C	Mx	0	.25
16	MP2C	X	5.695	3.25
17	MP2C	Z	-3.288	3.25
18	MP2C	Mx	0	3.25
19	MP1A	X	7.732	.42
20	MP1A	Z	-4.464	.42
21	MP1A	Mx	-.006	.42
22	MP1A	X	7.732	5
23	MP1A	Z	-4.464	5
24	MP1A	Mx	-.006	5
25	MP1B	X	7.588	.42
26	MP1B	Z	-4.381	.42
27	MP1B	Mx	.006	.42
28	MP1B	X	7.588	5
29	MP1B	Z	-4.381	5
30	MP1B	Mx	.006	5
31	MP1C	X	8.542	.42
32	MP1C	Z	-4.932	.42
33	MP1C	Mx	0	.42
34	MP1C	X	8.542	5
35	MP1C	Z	-4.932	5
36	MP1C	Mx	0	5
37	MP5A	X	7.732	.42
38	MP5A	Z	-4.464	.42
39	MP5A	Mx	-.006	.42
40	MP5A	X	7.732	5
41	MP5A	Z	-4.464	5
42	MP5A	Mx	-.006	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
43	MP5B	X	7.588	.42
44	MP5B	Z	-4.381	.42
45	MP5B	Mx	.006	.42
46	MP5B	X	7.588	5
47	MP5B	Z	-4.381	5
48	MP5B	Mx	.006	5
49	MP5C	X	8.542	.42
50	MP5C	Z	-4.932	.42
51	MP5C	Mx	0	.42
52	MP5C	X	8.542	5
53	MP5C	Z	-4.932	5
54	MP5C	Mx	0	5
55	MP2A	X	1.517	5.67
56	MP2A	Z	-.876	5.67
57	MP2A	Mx	-.001	5.67
58	MP2B	X	1.356	5.67
59	MP2B	Z	-.783	5.67
60	MP2B	Mx	.001	5.67
61	MP2C	X	2.423	5.67
62	MP2C	Z	-1.399	5.67
63	MP2C	Mx	0	5.67
64	MP3A	X	3.405	2.33
65	MP3A	Z	-1.966	2.33
66	MP3A	Mx	.003	2.33
67	MP3B	X	3.205	2.33
68	MP3B	Z	-1.85	2.33
69	MP3B	Mx	-.003	2.33
70	MP3C	X	4.532	2.33
71	MP3C	Z	-2.616	2.33
72	MP3C	Mx	0	2.33
73	MP4A	X	2.973	2
74	MP4A	Z	-1.717	2
75	MP4A	Mx	.002	2
76	MP4B	X	2.697	2
77	MP4B	Z	-1.557	2
78	MP4B	Mx	-.002	2
79	MP4C	X	4.532	2
80	MP4C	Z	-2.616	2
81	MP4C	Mx	0	2
82	MP2B	X	4.183	2.33
83	MP2B	Z	-2.415	2.33
84	MP2B	Mx	-.002	2.33
85	MP2C	X	6.058	2.33
86	MP2C	Z	-3.498	2.33
87	MP2C	Mx	0	2.33
88	MP3A	X	.689	4.75
89	MP3A	Z	-.398	4.75
90	MP3A	Mx	.000287	4.75
91	MP3B	X	.653	4.75
92	MP3B	Z	-.377	4.75
93	MP3B	Mx	-.000295	4.75
94	MP3C	X	.897	4.75
95	MP3C	Z	-.518	4.75
96	MP3C	Mx	0	4.75
97	MP4C	X	.897	4.75
98	MP4C	Z	-.518	4.75
99	MP4C	Mx	0	4.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
100	MP4A	X	.689	4.75
101	MP4A	Z	-.398	4.75
102	MP4A	Mx	.000287	4.75
103	MP4B	X	.653	4.75
104	MP4B	Z	-.377	4.75
105	MP4B	Mx	-.000295	4.75
106	MP4A	X	12.199	.38
107	MP4A	Z	-7.043	.38
108	MP4A	Mx	-.018	.38
109	MP4A	X	12.199	4.38
110	MP4A	Z	-7.043	4.38
111	MP4A	Mx	-.018	4.38
112	MP4B	X	11.897	.38
113	MP4B	Z	-6.869	.38
114	MP4B	Mx	.011	.38
115	MP4B	X	11.897	4.38
116	MP4B	Z	-6.869	4.38
117	MP4B	Mx	.011	4.38
118	MP4C	X	13.898	.38
119	MP4C	Z	-8.024	.38
120	MP4C	Mx	.011	.38
121	MP4C	X	13.898	4.38
122	MP4C	Z	-8.024	4.38
123	MP4C	Mx	.011	4.38
124	MP4A	X	12.199	.38
125	MP4A	Z	-7.043	.38
126	MP4A	Mx	-.009	.38
127	MP4A	X	12.199	4.38
128	MP4A	Z	-7.043	4.38
129	MP4A	Mx	-.009	4.38
130	MP4B	X	11.897	.38
131	MP4B	Z	-6.869	.38
132	MP4B	Mx	.017	.38
133	MP4B	X	11.897	4.38
134	MP4B	Z	-6.869	4.38
135	MP4B	Mx	.017	4.38
136	MP4C	X	13.898	.38
137	MP4C	Z	-8.024	.38
138	MP4C	Mx	-.011	.38
139	MP4C	X	13.898	4.38
140	MP4C	Z	-8.024	4.38
141	MP4C	Mx	-.011	4.38

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	2.574	.25
2	MP2A	Z	0	.25
3	MP2A	Mx	-.001	.25
4	MP2A	X	2.574	3.25
5	MP2A	Z	0	3.25
6	MP2A	Mx	-.001	3.25
7	MP2B	X	4.923	.25
8	MP2B	Z	0	.25
9	MP2B	Mx	.002	.25
10	MP2B	X	4.923	3.25
11	MP2B	Z	0	3.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
12	MP2B	Mx	.002	3.25
13	MP2C	X	5.576	.25
14	MP2C	Z	0	.25
15	MP2C	Mx	.001	.25
16	MP2C	X	5.576	3.25
17	MP2C	Z	0	3.25
18	MP2C	Mx	.001	3.25
19	MP1A	X	8.616	.42
20	MP1A	Z	0	.42
21	MP1A	Mx	-.006	.42
22	MP1A	X	8.616	5
23	MP1A	Z	0	5
24	MP1A	Mx	-.006	5
25	MP1B	X	9.348	.42
26	MP1B	Z	0	.42
27	MP1B	Mx	.005	.42
28	MP1B	X	9.348	5
29	MP1B	Z	0	5
30	MP1B	Mx	.005	5
31	MP1C	X	9.552	.42
32	MP1C	Z	0	.42
33	MP1C	Mx	.004	.42
34	MP1C	X	9.552	5
35	MP1C	Z	0	5
36	MP1C	Mx	.004	5
37	MP5A	X	8.616	.42
38	MP5A	Z	0	.42
39	MP5A	Mx	-.006	.42
40	MP5A	X	8.616	5
41	MP5A	Z	0	5
42	MP5A	Mx	-.006	5
43	MP5B	X	9.348	.42
44	MP5B	Z	0	.42
45	MP5B	Mx	.005	.42
46	MP5B	X	9.348	5
47	MP5B	Z	0	5
48	MP5B	Mx	.005	5
49	MP5C	X	9.552	.42
50	MP5C	Z	0	.42
51	MP5C	Mx	.004	.42
52	MP5C	X	9.552	5
53	MP5C	Z	0	5
54	MP5C	Mx	.004	5
55	MP2A	X	1.402	5.67
56	MP2A	Z	0	5.67
57	MP2A	Mx	-.001	5.67
58	MP2B	X	2.221	5.67
59	MP2B	Z	0	5.67
60	MP2B	Mx	.001	5.67
61	MP2C	X	2.449	5.67
62	MP2C	Z	0	5.67
63	MP2C	Mx	.000918	5.67
64	MP3A	X	3.498	2.33
65	MP3A	Z	0	2.33
66	MP3A	Mx	.003	2.33
67	MP3B	X	4.516	2.33
68	MP3B	Z	0	2.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
69	MP3B	Mx	-.002	2.33
70	MP3C	X	4.799	2.33
71	MP3C	Z	0	2.33
72	MP3C	Mx	-.002	2.33
73	MP4A	X	2.833	2
74	MP4A	Z	0	2
75	MP4A	Mx	.002	2
76	MP4B	X	4.241	2
77	MP4B	Z	0	2
78	MP4B	Mx	-.002	2
79	MP4C	X	4.633	2
80	MP4C	Z	0	2
81	MP4C	Mx	-.002	2
82	MP2B	X	5.982	2.33
83	MP2B	Z	0	2.33
84	MP2B	Mx	-.002	2.33
85	MP2C	X	6.382	2.33
86	MP2C	Z	0	2.33
87	MP2C	Mx	-.002	2.33
88	MP3A	X	.716	4.75
89	MP3A	Z	0	4.75
90	MP3A	Mx	.000298	4.75
91	MP3B	X	.904	4.75
92	MP3B	Z	0	4.75
93	MP3B	Mx	-.000242	4.75
94	MP3C	X	.956	4.75
95	MP3C	Z	0	4.75
96	MP3C	Mx	-.000199	4.75
97	MP4C	X	.956	4.75
98	MP4C	Z	0	4.75
99	MP4C	Mx	-.000199	4.75
100	MP4A	X	.716	4.75
101	MP4A	Z	0	4.75
102	MP4A	Mx	.000298	4.75
103	MP4B	X	.904	4.75
104	MP4B	Z	0	4.75
105	MP4B	Mx	-.000242	4.75
106	MP4A	X	13.432	.38
107	MP4A	Z	0	.38
108	MP4A	Mx	-.015	.38
109	MP4A	X	13.432	4.38
110	MP4A	Z	0	4.38
111	MP4A	Mx	-.015	4.38
112	MP4B	X	14.967	.38
113	MP4B	Z	0	.38
114	MP4B	Mx	.003	.38
115	MP4B	X	14.967	4.38
116	MP4B	Z	0	4.38
117	MP4B	Mx	.003	4.38
118	MP4C	X	15.394	.38
119	MP4C	Z	0	.38
120	MP4C	Mx	.017	.38
121	MP4C	X	15.394	4.38
122	MP4C	Z	0	4.38
123	MP4C	Mx	.017	4.38
124	MP4A	X	13.432	.38
125	MP4A	Z	0	.38

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
126	MP4A	Mx	-.015	.38
127	MP4A	X	13.432	4.38
128	MP4A	Z	0	4.38
129	MP4A	Mx	-.015	4.38
130	MP4B	X	14.967	.38
131	MP4B	Z	0	.38
132	MP4B	Mx	.018	.38
133	MP4B	X	14.967	4.38
134	MP4B	Z	0	4.38
135	MP4B	Mx	.018	4.38
136	MP4C	X	15.394	.38
137	MP4C	Z	0	.38
138	MP4C	Mx	-.000549	.38
139	MP4C	X	15.394	4.38
140	MP4C	Z	0	4.38
141	MP4C	Mx	-.000549	4.38

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	3.096	.25
2	MP2A	Z	1.787	.25
3	MP2A	Mx	-.002	.25
4	MP2A	X	3.096	3.25
5	MP2A	Z	1.787	3.25
6	MP2A	Mx	-.002	3.25
7	MP2B	X	5.59	.25
8	MP2B	Z	3.228	.25
9	MP2B	Mx	.00056	.25
10	MP2B	X	5.59	3.25
11	MP2B	Z	3.228	3.25
12	MP2B	Mx	.00056	3.25
13	MP2C	X	3.096	.25
14	MP2C	Z	1.787	.25
15	MP2C	Mx	.002	.25
16	MP2C	X	3.096	3.25
17	MP2C	Z	1.787	3.25
18	MP2C	Mx	.002	3.25
19	MP1A	X	7.732	.42
20	MP1A	Z	4.464	.42
21	MP1A	Mx	-.006	.42
22	MP1A	X	7.732	5
23	MP1A	Z	4.464	5
24	MP1A	Mx	-.006	5
25	MP1B	X	8.51	.42
26	MP1B	Z	4.913	.42
27	MP1B	Mx	.001	.42
28	MP1B	X	8.51	5
29	MP1B	Z	4.913	5
30	MP1B	Mx	.001	5
31	MP1C	X	7.732	.42
32	MP1C	Z	4.464	.42
33	MP1C	Mx	.006	.42
34	MP1C	X	7.732	5
35	MP1C	Z	4.464	5
36	MP1C	Mx	.006	5
37	MP5A	X	7.732	.42

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
38	MP5A	Z	4.464	.42
39	MP5A	Mx	-.006	.42
40	MP5A	X	7.732	5
41	MP5A	Z	4.464	5
42	MP5A	Mx	-.006	5
43	MP5B	X	8.51	.42
44	MP5B	Z	4.913	.42
45	MP5B	Mx	.001	.42
46	MP5B	X	8.51	5
47	MP5B	Z	4.913	5
48	MP5B	Mx	.001	5
49	MP5C	X	7.732	.42
50	MP5C	Z	4.464	.42
51	MP5C	Mx	.006	.42
52	MP5C	X	7.732	5
53	MP5C	Z	4.464	5
54	MP5C	Mx	.006	5
55	MP2A	X	1.517	5.67
56	MP2A	Z	.876	5.67
57	MP2A	Mx	-.001	5.67
58	MP2B	X	2.387	5.67
59	MP2B	Z	1.378	5.67
60	MP2B	Mx	.000359	5.67
61	MP2C	X	1.517	5.67
62	MP2C	Z	.876	5.67
63	MP2C	Mx	.001	5.67
64	MP3A	X	3.405	2.33
65	MP3A	Z	1.966	2.33
66	MP3A	Mx	.003	2.33
67	MP3B	X	4.486	2.33
68	MP3B	Z	2.59	2.33
69	MP3B	Mx	-.00075	2.33
70	MP3C	X	3.405	2.33
71	MP3C	Z	1.966	2.33
72	MP3C	Mx	-.003	2.33
73	MP4A	X	2.973	2
74	MP4A	Z	1.717	2
75	MP4A	Mx	.002	2
76	MP4B	X	4.469	2
77	MP4B	Z	2.58	2
78	MP4B	Mx	-.000747	2
79	MP4C	X	2.973	2
80	MP4C	Z	1.717	2
81	MP4C	Mx	-.002	2
82	MP2B	X	5.994	2.33
83	MP2B	Z	3.461	2.33
84	MP2B	Mx	-.000601	2.33
85	MP2C	X	4.465	2.33
86	MP2C	Z	2.578	2.33
87	MP2C	Mx	-.002	2.33
88	MP3A	X	.689	4.75
89	MP3A	Z	.398	4.75
90	MP3A	Mx	.000287	4.75
91	MP3B	X	.888	4.75
92	MP3B	Z	.513	4.75
93	MP3B	Mx	-7.4e-5	4.75
94	MP3C	X	.689	4.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
95	MP3C	Z	.398	4.75
96	MP3C	Mx	-.000287	4.75
97	MP4C	X	.689	4.75
98	MP4C	Z	.398	4.75
99	MP4C	Mx	-.000287	4.75
100	MP4A	X	.689	4.75
101	MP4A	Z	.398	4.75
102	MP4A	Mx	.000287	4.75
103	MP4B	X	.888	4.75
104	MP4B	Z	.513	4.75
105	MP4B	Mx	-7.4e-5	4.75
106	MP4A	X	12.199	.38
107	MP4A	Z	7.043	.38
108	MP4A	Mx	-.009	.38
109	MP4A	X	12.199	4.38
110	MP4A	Z	7.043	4.38
111	MP4A	Mx	-.009	4.38
112	MP4B	X	13.83	.38
113	MP4B	Z	7.985	.38
114	MP4B	Mx	-.007	.38
115	MP4B	X	13.83	4.38
116	MP4B	Z	7.985	4.38
117	MP4B	Mx	-.007	4.38
118	MP4C	X	12.199	.38
119	MP4C	Z	7.043	.38
120	MP4C	Mx	.018	.38
121	MP4C	X	12.199	4.38
122	MP4C	Z	7.043	4.38
123	MP4C	Mx	.018	4.38
124	MP4A	X	12.199	.38
125	MP4A	Z	7.043	.38
126	MP4A	Mx	-.018	.38
127	MP4A	X	12.199	4.38
128	MP4A	Z	7.043	4.38
129	MP4A	Mx	-.018	4.38
130	MP4B	X	13.83	.38
131	MP4B	Z	7.985	.38
132	MP4B	Mx	.013	.38
133	MP4B	X	13.83	4.38
134	MP4B	Z	7.985	4.38
135	MP4B	Mx	.013	4.38
136	MP4C	X	12.199	.38
137	MP4C	Z	7.043	.38
138	MP4C	Mx	.009	.38
139	MP4C	X	12.199	4.38
140	MP4C	Z	7.043	4.38
141	MP4C	Mx	.009	4.38

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	2.788	.25
2	MP2A	Z	4.829	.25
3	MP2A	Mx	-.001	.25
4	MP2A	X	2.788	3.25
5	MP2A	Z	4.829	3.25
6	MP2A	Mx	-.001	3.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
7	MP2B	X	3.054	.25
8	MP2B	Z	5.29	.25
9	MP2B	Mx	-.001	.25
10	MP2B	X	3.054	3.25
11	MP2B	Z	5.29	3.25
12	MP2B	Mx	-.001	3.25
13	MP2C	X	1.287	.25
14	MP2C	Z	2.23	.25
15	MP2C	Mx	.001	.25
16	MP2C	X	1.287	3.25
17	MP2C	Z	2.23	3.25
18	MP2C	Mx	.001	3.25
19	MP1A	X	4.776	.42
20	MP1A	Z	8.272	.42
21	MP1A	Mx	-.004	.42
22	MP1A	X	4.776	5
23	MP1A	Z	8.272	5
24	MP1A	Mx	-.004	5
25	MP1B	X	4.859	.42
26	MP1B	Z	8.416	.42
27	MP1B	Mx	-.002	.42
28	MP1B	X	4.859	5
29	MP1B	Z	8.416	5
30	MP1B	Mx	-.002	5
31	MP1C	X	4.308	.42
32	MP1C	Z	7.462	.42
33	MP1C	Mx	.006	.42
34	MP1C	X	4.308	5
35	MP1C	Z	7.462	5
36	MP1C	Mx	.006	5
37	MP5A	X	4.776	.42
38	MP5A	Z	8.272	.42
39	MP5A	Mx	-.004	.42
40	MP5A	X	4.776	5
41	MP5A	Z	8.272	5
42	MP5A	Mx	-.004	5
43	MP5B	X	4.859	.42
44	MP5B	Z	8.416	.42
45	MP5B	Mx	-.002	.42
46	MP5B	X	4.859	5
47	MP5B	Z	8.416	5
48	MP5B	Mx	-.002	5
49	MP5C	X	4.308	.42
50	MP5C	Z	7.462	.42
51	MP5C	Mx	.006	.42
52	MP5C	X	4.308	5
53	MP5C	Z	7.462	5
54	MP5C	Mx	.006	5
55	MP2A	X	1.225	5.67
56	MP2A	Z	2.121	5.67
57	MP2A	Mx	-.000919	5.67
58	MP2B	X	1.317	5.67
59	MP2B	Z	2.282	5.67
60	MP2B	Mx	-.000676	5.67
61	MP2C	X	.701	5.67
62	MP2C	Z	1.214	5.67
63	MP2C	Mx	.001	5.67

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
64	MP3A	X	2.4	2.33
65	MP3A	Z	4.156	2.33
66	MP3A	Mx	.002	2.33
67	MP3B	X	2.515	2.33
68	MP3B	Z	4.356	2.33
69	MP3B	Mx	.001	2.33
70	MP3C	X	1.749	2.33
71	MP3C	Z	3.029	2.33
72	MP3C	Mx	-.003	2.33
73	MP4A	X	2.316	2
74	MP4A	Z	4.012	2
75	MP4A	Mx	.002	2
76	MP4B	X	2.476	2
77	MP4B	Z	4.289	2
78	MP4B	Mx	.001	2
79	MP4C	X	1.417	2
80	MP4C	Z	2.454	2
81	MP4C	Mx	-.002	2
82	MP2B	X	3.354	2.33
83	MP2B	Z	5.81	2.33
84	MP2B	Mx	.001	2.33
85	MP2C	X	2.271	2.33
86	MP2C	Z	3.934	2.33
87	MP2C	Mx	-.002	2.33
88	MP3A	X	.478	4.75
89	MP3A	Z	.828	4.75
90	MP3A	Mx	.000199	4.75
91	MP3B	X	.499	4.75
92	MP3B	Z	.864	4.75
93	MP3B	Mx	.000142	4.75
94	MP3C	X	.358	4.75
95	MP3C	Z	.62	4.75
96	MP3C	Mx	-.000298	4.75
97	MP4C	X	.358	4.75
98	MP4C	Z	.62	4.75
99	MP4C	Mx	-.000298	4.75
100	MP4A	X	.478	4.75
101	MP4A	Z	.828	4.75
102	MP4A	Mx	.000199	4.75
103	MP4B	X	.499	4.75
104	MP4B	Z	.864	4.75
105	MP4B	Mx	.000142	4.75
106	MP4A	X	7.697	.38
107	MP4A	Z	13.332	.38
108	MP4A	Mx	.00055	.38
109	MP4A	X	7.697	4.38
110	MP4A	Z	13.332	4.38
111	MP4A	Mx	.00055	4.38
112	MP4B	X	7.871	.38
113	MP4B	Z	13.633	.38
114	MP4B	Mx	-.016	.38
115	MP4B	X	7.871	4.38
116	MP4B	Z	13.633	4.38
117	MP4B	Mx	-.016	4.38
118	MP4C	X	6.716	.38
119	MP4C	Z	11.632	.38
120	MP4C	Mx	.015	.38

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
121	MP4C	X	6.716	4.38
122	MP4C	Z	11.632	4.38
123	MP4C	Mx	.015	4.38
124	MP4A	X	7.697	.38
125	MP4A	Z	13.332	.38
126	MP4A	Mx	-.017	.38
127	MP4A	X	7.697	4.38
128	MP4A	Z	13.332	4.38
129	MP4A	Mx	-.017	4.38
130	MP4B	X	7.871	.38
131	MP4B	Z	13.633	.38
132	MP4B	Mx	.004	.38
133	MP4B	X	7.871	4.38
134	MP4B	Z	13.633	4.38
135	MP4B	Mx	.004	4.38
136	MP4C	X	6.716	.38
137	MP4C	Z	11.632	.38
138	MP4C	Mx	.015	.38
139	MP4C	X	6.716	4.38
140	MP4C	Z	11.632	4.38
141	MP4C	Mx	.015	4.38

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	.25
2	MP2A	Z	6.576	.25
3	MP2A	Mx	0	.25
4	MP2A	X	0	3.25
5	MP2A	Z	6.576	3.25
6	MP2A	Mx	0	3.25
7	MP2B	X	0	.25
8	MP2B	Z	4.228	.25
9	MP2B	Mx	-.002	.25
10	MP2B	X	0	3.25
11	MP2B	Z	4.228	3.25
12	MP2B	Mx	-.002	3.25
13	MP2C	X	0	.25
14	MP2C	Z	3.575	.25
15	MP2C	Mx	.002	.25
16	MP2C	X	0	3.25
17	MP2C	Z	3.575	3.25
18	MP2C	Mx	.002	3.25
19	MP1A	X	0	.42
20	MP1A	Z	9.864	.42
21	MP1A	Mx	0	.42
22	MP1A	X	0	5
23	MP1A	Z	9.864	5
24	MP1A	Mx	0	5
25	MP1B	X	0	.42
26	MP1B	Z	9.132	.42
27	MP1B	Mx	-.005	.42
28	MP1B	X	0	5
29	MP1B	Z	9.132	5
30	MP1B	Mx	-.005	5
31	MP1C	X	0	.42
32	MP1C	Z	8.928	.42

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
33	MP1C	Mx	.006	.42
34	MP1C	X	0	5
35	MP1C	Z	8.928	5
36	MP1C	Mx	.006	5
37	MP5A	X	0	.42
38	MP5A	Z	9.864	.42
39	MP5A	Mx	0	.42
40	MP5A	X	0	5
41	MP5A	Z	9.864	5
42	MP5A	Mx	0	5
43	MP5B	X	0	.42
44	MP5B	Z	9.132	.42
45	MP5B	Mx	-.005	.42
46	MP5B	X	0	5
47	MP5B	Z	9.132	5
48	MP5B	Mx	-.005	5
49	MP5C	X	0	.42
50	MP5C	Z	8.928	.42
51	MP5C	Mx	.006	.42
52	MP5C	X	0	5
53	MP5C	Z	8.928	5
54	MP5C	Mx	.006	5
55	MP2A	X	0	5.67
56	MP2A	Z	2.798	5.67
57	MP2A	Mx	0	5.67
58	MP2B	X	0	5.67
59	MP2B	Z	1.979	5.67
60	MP2B	Mx	-.001	5.67
61	MP2C	X	0	5.67
62	MP2C	Z	1.751	5.67
63	MP2C	Mx	.001	5.67
64	MP3A	X	0	2.33
65	MP3A	Z	5.233	2.33
66	MP3A	Mx	0	2.33
67	MP3B	X	0	2.33
68	MP3B	Z	4.215	2.33
69	MP3B	Mx	.003	2.33
70	MP3C	X	0	2.33
71	MP3C	Z	3.932	2.33
72	MP3C	Mx	-.003	2.33
73	MP4A	X	0	2
74	MP4A	Z	5.233	2
75	MP4A	Mx	0	2
76	MP4B	X	0	2
77	MP4B	Z	3.825	2
78	MP4B	Mx	.002	2
79	MP4C	X	0	2
80	MP4C	Z	3.433	2
81	MP4C	Mx	-.002	2
82	MP2B	X	0	2.33
83	MP2B	Z	5.556	2.33
84	MP2B	Mx	.002	2.33
85	MP2C	X	0	2.33
86	MP2C	Z	5.156	2.33
87	MP2C	Mx	-.002	2.33
88	MP3A	X	0	4.75
89	MP3A	Z	1.035	4.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
90	MP3A	Mx	0	4.75
91	MP3B	X	0	4.75
92	MP3B	Z	.848	4.75
93	MP3B	Mx	.000271	4.75
94	MP3C	X	0	4.75
95	MP3C	Z	.796	4.75
96	MP3C	Mx	-.000287	4.75
97	MP4C	X	0	4.75
98	MP4C	Z	.796	4.75
99	MP4C	Mx	-.000287	4.75
100	MP4A	X	0	4.75
101	MP4A	Z	1.035	4.75
102	MP4A	Mx	0	4.75
103	MP4B	X	0	4.75
104	MP4B	Z	.848	4.75
105	MP4B	Mx	.000271	4.75
106	MP4A	X	0	.38
107	MP4A	Z	16.048	.38
108	MP4A	Mx	.011	.38
109	MP4A	X	0	4.38
110	MP4A	Z	16.048	4.38
111	MP4A	Mx	.011	4.38
112	MP4B	X	0	.38
113	MP4B	Z	14.513	.38
114	MP4B	Mx	-.018	.38
115	MP4B	X	0	4.38
116	MP4B	Z	14.513	4.38
117	MP4B	Mx	-.018	4.38
118	MP4C	X	0	.38
119	MP4C	Z	14.086	.38
120	MP4C	Mx	.009	.38
121	MP4C	X	0	4.38
122	MP4C	Z	14.086	4.38
123	MP4C	Mx	.009	4.38
124	MP4A	X	0	.38
125	MP4A	Z	16.048	.38
126	MP4A	Mx	-.011	.38
127	MP4A	X	0	4.38
128	MP4A	Z	16.048	4.38
129	MP4A	Mx	-.011	4.38
130	MP4B	X	0	.38
131	MP4B	Z	14.513	.38
132	MP4B	Mx	-.006	.38
133	MP4B	X	0	4.38
134	MP4B	Z	14.513	4.38
135	MP4B	Mx	-.006	4.38
136	MP4C	X	0	.38
137	MP4C	Z	14.086	.38
138	MP4C	Mx	.018	.38
139	MP4C	X	0	4.38
140	MP4C	Z	14.086	4.38
141	MP4C	Mx	.018	4.38

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-2.788	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
2	MP2A	Z	4.829	.25
3	MP2A	Mx	.001	.25
4	MP2A	X	-2.788	3.25
5	MP2A	Z	4.829	3.25
6	MP2A	Mx	.001	3.25
7	MP2B	X	-1.348	.25
8	MP2B	Z	2.334	.25
9	MP2B	Mx	-.001	.25
10	MP2B	X	-1.348	3.25
11	MP2B	Z	2.334	3.25
12	MP2B	Mx	-.001	3.25
13	MP2C	X	-2.788	.25
14	MP2C	Z	4.829	.25
15	MP2C	Mx	.001	.25
16	MP2C	X	-2.788	3.25
17	MP2C	Z	4.829	3.25
18	MP2C	Mx	.001	3.25
19	MP1A	X	-4.776	.42
20	MP1A	Z	8.272	.42
21	MP1A	Mx	.004	.42
22	MP1A	X	-4.776	5
23	MP1A	Z	8.272	5
24	MP1A	Mx	.004	5
25	MP1B	X	-4.327	.42
26	MP1B	Z	7.495	.42
27	MP1B	Mx	-.006	.42
28	MP1B	X	-4.327	5
29	MP1B	Z	7.495	5
30	MP1B	Mx	-.006	5
31	MP1C	X	-4.776	.42
32	MP1C	Z	8.272	.42
33	MP1C	Mx	.004	.42
34	MP1C	X	-4.776	5
35	MP1C	Z	8.272	5
36	MP1C	Mx	.004	5
37	MP5A	X	-4.776	.42
38	MP5A	Z	8.272	.42
39	MP5A	Mx	.004	.42
40	MP5A	X	-4.776	5
41	MP5A	Z	8.272	5
42	MP5A	Mx	.004	5
43	MP5B	X	-4.327	.42
44	MP5B	Z	7.495	.42
45	MP5B	Mx	-.006	.42
46	MP5B	X	-4.327	5
47	MP5B	Z	7.495	5
48	MP5B	Mx	-.006	5
49	MP5C	X	-4.776	.42
50	MP5C	Z	8.272	.42
51	MP5C	Mx	.004	.42
52	MP5C	X	-4.776	5
53	MP5C	Z	8.272	5
54	MP5C	Mx	.004	5
55	MP2A	X	-1.225	5.67
56	MP2A	Z	2.121	5.67
57	MP2A	Mx	.000919	5.67
58	MP2B	X	-.722	5.67

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
59	MP2B	Z	1.251	5.67
60	MP2B	Mx	-.001	5.67
61	MP2C	X	-1.225	5.67
62	MP2C	Z	2.121	5.67
63	MP2C	Mx	.000918	5.67
64	MP3A	X	-2.4	2.33
65	MP3A	Z	4.156	2.33
66	MP3A	Mx	-.002	2.33
67	MP3B	X	-1.775	2.33
68	MP3B	Z	3.075	2.33
69	MP3B	Mx	.003	2.33
70	MP3C	X	-2.4	2.33
71	MP3C	Z	4.156	2.33
72	MP3C	Mx	-.002	2.33
73	MP4A	X	-2.316	2
74	MP4A	Z	4.012	2
75	MP4A	Mx	-.002	2
76	MP4B	X	-1.453	2
77	MP4B	Z	2.516	2
78	MP4B	Mx	.002	2
79	MP4C	X	-2.316	2
80	MP4C	Z	4.012	2
81	MP4C	Mx	-.002	2
82	MP2B	X	-2.308	2.33
83	MP2B	Z	3.998	2.33
84	MP2B	Mx	.002	2.33
85	MP2C	X	-3.191	2.33
86	MP2C	Z	5.527	2.33
87	MP2C	Mx	-.002	2.33
88	MP3A	X	-.478	4.75
89	MP3A	Z	.828	4.75
90	MP3A	Mx	-.000199	4.75
91	MP3B	X	-.363	4.75
92	MP3B	Z	.629	4.75
93	MP3B	Mx	.000298	4.75
94	MP3C	X	-.478	4.75
95	MP3C	Z	.828	4.75
96	MP3C	Mx	-.000199	4.75
97	MP4C	X	-.478	4.75
98	MP4C	Z	.828	4.75
99	MP4C	Mx	-.000199	4.75
100	MP4A	X	-.478	4.75
101	MP4A	Z	.828	4.75
102	MP4A	Mx	-.000199	4.75
103	MP4B	X	-.363	4.75
104	MP4B	Z	.629	4.75
105	MP4B	Mx	.000298	4.75
106	MP4A	X	-7.697	.38
107	MP4A	Z	13.332	.38
108	MP4A	Mx	.017	.38
109	MP4A	X	-7.697	4.38
110	MP4A	Z	13.332	4.38
111	MP4A	Mx	.017	4.38
112	MP4B	X	-6.755	.38
113	MP4B	Z	11.7	.38
114	MP4B	Mx	-.016	.38
115	MP4B	X	-6.755	4.38

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
116	MP4B	Z	11.7	4.38
117	MP4B	Mx	-.016	4.38
118	MP4C	X	-7.697	.38
119	MP4C	Z	13.332	.38
120	MP4C	Mx	-.000549	.38
121	MP4C	X	-7.697	4.38
122	MP4C	Z	13.332	4.38
123	MP4C	Mx	-.000549	4.38
124	MP4A	X	-7.697	.38
125	MP4A	Z	13.332	.38
126	MP4A	Mx	-.00055	.38
127	MP4A	X	-7.697	4.38
128	MP4A	Z	13.332	4.38
129	MP4A	Mx	-.00055	4.38
130	MP4B	X	-6.755	.38
131	MP4B	Z	11.7	.38
132	MP4B	Mx	-.013	.38
133	MP4B	X	-6.755	4.38
134	MP4B	Z	11.7	4.38
135	MP4B	Mx	-.013	4.38
136	MP4C	X	-7.697	.38
137	MP4C	Z	13.332	.38
138	MP4C	Mx	.017	.38
139	MP4C	X	-7.697	4.38
140	MP4C	Z	13.332	4.38
141	MP4C	Mx	.017	4.38

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-3.096	.25
2	MP2A	Z	1.787	.25
3	MP2A	Mx	.002	.25
4	MP2A	X	-3.096	3.25
5	MP2A	Z	1.787	3.25
6	MP2A	Mx	.002	3.25
7	MP2B	X	-2.635	.25
8	MP2B	Z	1.521	.25
9	MP2B	Mx	-.001	.25
10	MP2B	X	-2.635	3.25
11	MP2B	Z	1.521	3.25
12	MP2B	Mx	-.001	3.25
13	MP2C	X	-5.695	.25
14	MP2C	Z	3.288	.25
15	MP2C	Mx	0	.25
16	MP2C	X	-5.695	3.25
17	MP2C	Z	3.288	3.25
18	MP2C	Mx	0	3.25
19	MP1A	X	-7.732	.42
20	MP1A	Z	4.464	.42
21	MP1A	Mx	.006	.42
22	MP1A	X	-7.732	5
23	MP1A	Z	4.464	5
24	MP1A	Mx	.006	5
25	MP1B	X	-7.588	.42
26	MP1B	Z	4.381	.42
27	MP1B	Mx	-.006	.42

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
28	MP1B	X	-7.588	5
29	MP1B	Z	4.381	5
30	MP1B	Mx	-.006	5
31	MP1C	X	-8.542	.42
32	MP1C	Z	4.932	.42
33	MP1C	Mx	0	.42
34	MP1C	X	-8.542	5
35	MP1C	Z	4.932	5
36	MP1C	Mx	0	5
37	MP5A	X	-7.732	.42
38	MP5A	Z	4.464	.42
39	MP5A	Mx	.006	.42
40	MP5A	X	-7.732	5
41	MP5A	Z	4.464	5
42	MP5A	Mx	.006	5
43	MP5B	X	-7.588	.42
44	MP5B	Z	4.381	.42
45	MP5B	Mx	-.006	.42
46	MP5B	X	-7.588	5
47	MP5B	Z	4.381	5
48	MP5B	Mx	-.006	5
49	MP5C	X	-8.542	.42
50	MP5C	Z	4.932	.42
51	MP5C	Mx	0	.42
52	MP5C	X	-8.542	5
53	MP5C	Z	4.932	5
54	MP5C	Mx	0	5
55	MP2A	X	-1.517	5.67
56	MP2A	Z	.876	5.67
57	MP2A	Mx	.001	5.67
58	MP2B	X	-1.356	5.67
59	MP2B	Z	.783	5.67
60	MP2B	Mx	-.001	5.67
61	MP2C	X	-2.423	5.67
62	MP2C	Z	1.399	5.67
63	MP2C	Mx	0	5.67
64	MP3A	X	-3.405	2.33
65	MP3A	Z	1.966	2.33
66	MP3A	Mx	-.003	2.33
67	MP3B	X	-3.205	2.33
68	MP3B	Z	1.85	2.33
69	MP3B	Mx	.003	2.33
70	MP3C	X	-4.532	2.33
71	MP3C	Z	2.616	2.33
72	MP3C	Mx	0	2.33
73	MP4A	X	-2.973	2
74	MP4A	Z	1.717	2
75	MP4A	Mx	-.002	2
76	MP4B	X	-2.697	2
77	MP4B	Z	1.557	2
78	MP4B	Mx	.002	2
79	MP4C	X	-4.532	2
80	MP4C	Z	2.616	2
81	MP4C	Mx	0	2
82	MP2B	X	-4.183	2.33
83	MP2B	Z	2.415	2.33
84	MP2B	Mx	.002	2.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
85	MP2C	X	-6.058	2.33
86	MP2C	Z	3.498	2.33
87	MP2C	Mx	0	2.33
88	MP3A	X	-.689	4.75
89	MP3A	Z	.398	4.75
90	MP3A	Mx	-.000287	4.75
91	MP3B	X	-.653	4.75
92	MP3B	Z	.377	4.75
93	MP3B	Mx	.000295	4.75
94	MP3C	X	-.897	4.75
95	MP3C	Z	.518	4.75
96	MP3C	Mx	0	4.75
97	MP4C	X	-.897	4.75
98	MP4C	Z	.518	4.75
99	MP4C	Mx	0	4.75
100	MP4A	X	-.689	4.75
101	MP4A	Z	.398	4.75
102	MP4A	Mx	-.000287	4.75
103	MP4B	X	-.653	4.75
104	MP4B	Z	.377	4.75
105	MP4B	Mx	.000295	4.75
106	MP4A	X	-12.199	.38
107	MP4A	Z	7.043	.38
108	MP4A	Mx	.018	.38
109	MP4A	X	-12.199	4.38
110	MP4A	Z	7.043	4.38
111	MP4A	Mx	.018	4.38
112	MP4B	X	-11.897	.38
113	MP4B	Z	6.869	.38
114	MP4B	Mx	-.011	.38
115	MP4B	X	-11.897	4.38
116	MP4B	Z	6.869	4.38
117	MP4B	Mx	-.011	4.38
118	MP4C	X	-13.898	.38
119	MP4C	Z	8.024	.38
120	MP4C	Mx	-.011	.38
121	MP4C	X	-13.898	4.38
122	MP4C	Z	8.024	4.38
123	MP4C	Mx	-.011	4.38
124	MP4A	X	-12.199	.38
125	MP4A	Z	7.043	.38
126	MP4A	Mx	.009	.38
127	MP4A	X	-12.199	4.38
128	MP4A	Z	7.043	4.38
129	MP4A	Mx	.009	4.38
130	MP4B	X	-11.897	.38
131	MP4B	Z	6.869	.38
132	MP4B	Mx	-.017	.38
133	MP4B	X	-11.897	4.38
134	MP4B	Z	6.869	4.38
135	MP4B	Mx	-.017	4.38
136	MP4C	X	-13.898	.38
137	MP4C	Z	8.024	.38
138	MP4C	Mx	.011	.38
139	MP4C	X	-13.898	4.38
140	MP4C	Z	8.024	4.38
141	MP4C	Mx	.011	4.38

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-2.574	.25
2	MP2A	Z	0	.25
3	MP2A	Mx	.001	.25
4	MP2A	X	-2.574	3.25
5	MP2A	Z	0	3.25
6	MP2A	Mx	.001	3.25
7	MP2B	X	-4.923	.25
8	MP2B	Z	0	.25
9	MP2B	Mx	-.002	.25
10	MP2B	X	-4.923	3.25
11	MP2B	Z	0	3.25
12	MP2B	Mx	-.002	3.25
13	MP2C	X	-5.576	.25
14	MP2C	Z	0	.25
15	MP2C	Mx	-.001	.25
16	MP2C	X	-5.576	3.25
17	MP2C	Z	0	3.25
18	MP2C	Mx	-.001	3.25
19	MP1A	X	-8.616	.42
20	MP1A	Z	0	.42
21	MP1A	Mx	.006	.42
22	MP1A	X	-8.616	5
23	MP1A	Z	0	5
24	MP1A	Mx	.006	5
25	MP1B	X	-9.348	.42
26	MP1B	Z	0	.42
27	MP1B	Mx	-.005	.42
28	MP1B	X	-9.348	5
29	MP1B	Z	0	5
30	MP1B	Mx	-.005	5
31	MP1C	X	-9.552	.42
32	MP1C	Z	0	.42
33	MP1C	Mx	-.004	.42
34	MP1C	X	-9.552	5
35	MP1C	Z	0	5
36	MP1C	Mx	-.004	5
37	MP5A	X	-8.616	.42
38	MP5A	Z	0	.42
39	MP5A	Mx	.006	.42
40	MP5A	X	-8.616	5
41	MP5A	Z	0	5
42	MP5A	Mx	.006	5
43	MP5B	X	-9.348	.42
44	MP5B	Z	0	.42
45	MP5B	Mx	-.005	.42
46	MP5B	X	-9.348	5
47	MP5B	Z	0	5
48	MP5B	Mx	-.005	5
49	MP5C	X	-9.552	.42
50	MP5C	Z	0	.42
51	MP5C	Mx	-.004	.42
52	MP5C	X	-9.552	5
53	MP5C	Z	0	5
54	MP5C	Mx	-.004	5
55	MP2A	X	-1.402	5.67
56	MP2A	Z	0	5.67
57	MP2A	Mx	.001	5.67

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP2B	X	-2.221	5.67
59	MP2B	Z	0	5.67
60	MP2B	Mx	-.001	5.67
61	MP2C	X	-2.449	5.67
62	MP2C	Z	0	5.67
63	MP2C	Mx	-.000918	5.67
64	MP3A	X	-3.498	2.33
65	MP3A	Z	0	2.33
66	MP3A	Mx	-.003	2.33
67	MP3B	X	-4.516	2.33
68	MP3B	Z	0	2.33
69	MP3B	Mx	.002	2.33
70	MP3C	X	-4.799	2.33
71	MP3C	Z	0	2.33
72	MP3C	Mx	.002	2.33
73	MP4A	X	-2.833	2
74	MP4A	Z	0	2
75	MP4A	Mx	-.002	2
76	MP4B	X	-4.241	2
77	MP4B	Z	0	2
78	MP4B	Mx	.002	2
79	MP4C	X	-4.633	2
80	MP4C	Z	0	2
81	MP4C	Mx	.002	2
82	MP2B	X	-5.982	2.33
83	MP2B	Z	0	2.33
84	MP2B	Mx	.002	2.33
85	MP2C	X	-6.382	2.33
86	MP2C	Z	0	2.33
87	MP2C	Mx	.002	2.33
88	MP3A	X	-.716	4.75
89	MP3A	Z	0	4.75
90	MP3A	Mx	-.000298	4.75
91	MP3B	X	-.904	4.75
92	MP3B	Z	0	4.75
93	MP3B	Mx	.000242	4.75
94	MP3C	X	-.956	4.75
95	MP3C	Z	0	4.75
96	MP3C	Mx	.000199	4.75
97	MP4C	X	-.956	4.75
98	MP4C	Z	0	4.75
99	MP4C	Mx	.000199	4.75
100	MP4A	X	-.716	4.75
101	MP4A	Z	0	4.75
102	MP4A	Mx	-.000298	4.75
103	MP4B	X	-.904	4.75
104	MP4B	Z	0	4.75
105	MP4B	Mx	.000242	4.75
106	MP4A	X	-13.432	.38
107	MP4A	Z	0	.38
108	MP4A	Mx	.015	.38
109	MP4A	X	-13.432	4.38
110	MP4A	Z	0	4.38
111	MP4A	Mx	.015	4.38
112	MP4B	X	-14.967	.38
113	MP4B	Z	0	.38
114	MP4B	Mx	-.003	.38

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
115	MP4B	X	-14.967	4.38
116	MP4B	Z	0	4.38
117	MP4B	Mx	-.003	4.38
118	MP4C	X	-15.394	.38
119	MP4C	Z	0	.38
120	MP4C	Mx	-.017	.38
121	MP4C	X	-15.394	4.38
122	MP4C	Z	0	4.38
123	MP4C	Mx	-.017	4.38
124	MP4A	X	-13.432	.38
125	MP4A	Z	0	.38
126	MP4A	Mx	.015	.38
127	MP4A	X	-13.432	4.38
128	MP4A	Z	0	4.38
129	MP4A	Mx	.015	4.38
130	MP4B	X	-14.967	.38
131	MP4B	Z	0	.38
132	MP4B	Mx	-.018	.38
133	MP4B	X	-14.967	4.38
134	MP4B	Z	0	4.38
135	MP4B	Mx	-.018	4.38
136	MP4C	X	-15.394	.38
137	MP4C	Z	0	.38
138	MP4C	Mx	.000549	.38
139	MP4C	X	-15.394	4.38
140	MP4C	Z	0	4.38
141	MP4C	Mx	.000549	4.38

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-3.096	.25
2	MP2A	Z	-1.787	.25
3	MP2A	Mx	.002	.25
4	MP2A	X	-3.096	3.25
5	MP2A	Z	-1.787	3.25
6	MP2A	Mx	.002	3.25
7	MP2B	X	-5.59	.25
8	MP2B	Z	-3.228	.25
9	MP2B	Mx	-.00056	.25
10	MP2B	X	-5.59	3.25
11	MP2B	Z	-3.228	3.25
12	MP2B	Mx	-.00056	3.25
13	MP2C	X	-3.096	.25
14	MP2C	Z	-1.787	.25
15	MP2C	Mx	-.002	.25
16	MP2C	X	-3.096	3.25
17	MP2C	Z	-1.787	3.25
18	MP2C	Mx	-.002	3.25
19	MP1A	X	-7.732	.42
20	MP1A	Z	-4.464	.42
21	MP1A	Mx	.006	.42
22	MP1A	X	-7.732	5
23	MP1A	Z	-4.464	5
24	MP1A	Mx	.006	5
25	MP1B	X	-8.51	.42
26	MP1B	Z	-4.913	.42

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
27	MP1B	Mx	-.001	.42
28	MP1B	X	-8.51	5
29	MP1B	Z	-4.913	5
30	MP1B	Mx	-.001	5
31	MP1C	X	-7.732	.42
32	MP1C	Z	-4.464	.42
33	MP1C	Mx	-.006	.42
34	MP1C	X	-7.732	5
35	MP1C	Z	-4.464	5
36	MP1C	Mx	-.006	5
37	MP5A	X	-7.732	.42
38	MP5A	Z	-4.464	.42
39	MP5A	Mx	.006	.42
40	MP5A	X	-7.732	5
41	MP5A	Z	-4.464	5
42	MP5A	Mx	.006	5
43	MP5B	X	-8.51	.42
44	MP5B	Z	-4.913	.42
45	MP5B	Mx	-.001	.42
46	MP5B	X	-8.51	5
47	MP5B	Z	-4.913	5
48	MP5B	Mx	-.001	5
49	MP5C	X	-7.732	.42
50	MP5C	Z	-4.464	.42
51	MP5C	Mx	-.006	.42
52	MP5C	X	-7.732	5
53	MP5C	Z	-4.464	5
54	MP5C	Mx	-.006	5
55	MP2A	X	-1.517	5.67
56	MP2A	Z	-.876	5.67
57	MP2A	Mx	.001	5.67
58	MP2B	X	-2.387	5.67
59	MP2B	Z	-1.378	5.67
60	MP2B	Mx	-.000359	5.67
61	MP2C	X	-1.517	5.67
62	MP2C	Z	-.876	5.67
63	MP2C	Mx	-.001	5.67
64	MP3A	X	-3.405	2.33
65	MP3A	Z	-1.966	2.33
66	MP3A	Mx	-.003	2.33
67	MP3B	X	-4.486	2.33
68	MP3B	Z	-2.59	2.33
69	MP3B	Mx	.00075	2.33
70	MP3C	X	-3.405	2.33
71	MP3C	Z	-1.966	2.33
72	MP3C	Mx	.003	2.33
73	MP4A	X	-2.973	2
74	MP4A	Z	-1.717	2
75	MP4A	Mx	-.002	2
76	MP4B	X	-4.469	2
77	MP4B	Z	-2.58	2
78	MP4B	Mx	.000747	2
79	MP4C	X	-2.973	2
80	MP4C	Z	-1.717	2
81	MP4C	Mx	.002	2
82	MP2B	X	-5.994	2.33
83	MP2B	Z	-3.461	2.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
84	MP2B	Mx	.000601	2.33
85	MP2C	X	-4.465	2.33
86	MP2C	Z	-2.578	2.33
87	MP2C	Mx	.002	2.33
88	MP3A	X	-.689	4.75
89	MP3A	Z	-.398	4.75
90	MP3A	Mx	-.000287	4.75
91	MP3B	X	-.888	4.75
92	MP3B	Z	-.513	4.75
93	MP3B	Mx	7.4e-5	4.75
94	MP3C	X	-.689	4.75
95	MP3C	Z	-.398	4.75
96	MP3C	Mx	.000287	4.75
97	MP4C	X	-.689	4.75
98	MP4C	Z	-.398	4.75
99	MP4C	Mx	.000287	4.75
100	MP4A	X	-.689	4.75
101	MP4A	Z	-.398	4.75
102	MP4A	Mx	-.000287	4.75
103	MP4B	X	-.888	4.75
104	MP4B	Z	-.513	4.75
105	MP4B	Mx	7.4e-5	4.75
106	MP4A	X	-12.199	.38
107	MP4A	Z	-7.043	.38
108	MP4A	Mx	.009	.38
109	MP4A	X	-12.199	4.38
110	MP4A	Z	-7.043	4.38
111	MP4A	Mx	.009	4.38
112	MP4B	X	-13.83	.38
113	MP4B	Z	-7.985	.38
114	MP4B	Mx	.007	.38
115	MP4B	X	-13.83	4.38
116	MP4B	Z	-7.985	4.38
117	MP4B	Mx	.007	4.38
118	MP4C	X	-12.199	.38
119	MP4C	Z	-7.043	.38
120	MP4C	Mx	-.018	.38
121	MP4C	X	-12.199	4.38
122	MP4C	Z	-7.043	4.38
123	MP4C	Mx	-.018	4.38
124	MP4A	X	-12.199	.38
125	MP4A	Z	-7.043	.38
126	MP4A	Mx	.018	.38
127	MP4A	X	-12.199	4.38
128	MP4A	Z	-7.043	4.38
129	MP4A	Mx	.018	4.38
130	MP4B	X	-13.83	.38
131	MP4B	Z	-7.985	.38
132	MP4B	Mx	-.013	.38
133	MP4B	X	-13.83	4.38
134	MP4B	Z	-7.985	4.38
135	MP4B	Mx	-.013	4.38
136	MP4C	X	-12.199	.38
137	MP4C	Z	-7.043	.38
138	MP4C	Mx	-.009	.38
139	MP4C	X	-12.199	4.38
140	MP4C	Z	-7.043	4.38

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
141	MP4C	Mx	-.009	4.38

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-2.788	.25
2	MP2A	Z	-4.829	.25
3	MP2A	Mx	.001	.25
4	MP2A	X	-2.788	3.25
5	MP2A	Z	-4.829	3.25
6	MP2A	Mx	.001	3.25
7	MP2B	X	-3.054	.25
8	MP2B	Z	-5.29	.25
9	MP2B	Mx	.001	.25
10	MP2B	X	-3.054	3.25
11	MP2B	Z	-5.29	3.25
12	MP2B	Mx	.001	3.25
13	MP2C	X	-1.287	.25
14	MP2C	Z	-2.23	.25
15	MP2C	Mx	-.001	.25
16	MP2C	X	-1.287	3.25
17	MP2C	Z	-2.23	3.25
18	MP2C	Mx	-.001	3.25
19	MP1A	X	-4.776	.42
20	MP1A	Z	-8.272	.42
21	MP1A	Mx	.004	.42
22	MP1A	X	-4.776	5
23	MP1A	Z	-8.272	5
24	MP1A	Mx	.004	5
25	MP1B	X	-4.859	.42
26	MP1B	Z	-8.416	.42
27	MP1B	Mx	.002	.42
28	MP1B	X	-4.859	5
29	MP1B	Z	-8.416	5
30	MP1B	Mx	.002	5
31	MP1C	X	-4.308	.42
32	MP1C	Z	-7.462	.42
33	MP1C	Mx	-.006	.42
34	MP1C	X	-4.308	5
35	MP1C	Z	-7.462	5
36	MP1C	Mx	-.006	5
37	MP5A	X	-4.776	.42
38	MP5A	Z	-8.272	.42
39	MP5A	Mx	.004	.42
40	MP5A	X	-4.776	5
41	MP5A	Z	-8.272	5
42	MP5A	Mx	.004	5
43	MP5B	X	-4.859	.42
44	MP5B	Z	-8.416	.42
45	MP5B	Mx	.002	.42
46	MP5B	X	-4.859	5
47	MP5B	Z	-8.416	5
48	MP5B	Mx	.002	5
49	MP5C	X	-4.308	.42
50	MP5C	Z	-7.462	.42
51	MP5C	Mx	-.006	.42
52	MP5C	X	-4.308	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
53	MP5C	Z	-7.462	5
54	MP5C	Mx	-.006	5
55	MP2A	X	-1.225	5.67
56	MP2A	Z	-2.121	5.67
57	MP2A	Mx	.000919	5.67
58	MP2B	X	-1.317	5.67
59	MP2B	Z	-2.282	5.67
60	MP2B	Mx	.000676	5.67
61	MP2C	X	-.701	5.67
62	MP2C	Z	-1.214	5.67
63	MP2C	Mx	-.001	5.67
64	MP3A	X	-2.4	2.33
65	MP3A	Z	-4.156	2.33
66	MP3A	Mx	-.002	2.33
67	MP3B	X	-2.515	2.33
68	MP3B	Z	-4.356	2.33
69	MP3B	Mx	-.001	2.33
70	MP3C	X	-1.749	2.33
71	MP3C	Z	-3.029	2.33
72	MP3C	Mx	.003	2.33
73	MP4A	X	-2.316	2
74	MP4A	Z	-4.012	2
75	MP4A	Mx	-.002	2
76	MP4B	X	-2.476	2
77	MP4B	Z	-4.289	2
78	MP4B	Mx	-.001	2
79	MP4C	X	-1.417	2
80	MP4C	Z	-2.454	2
81	MP4C	Mx	.002	2
82	MP2B	X	-3.354	2.33
83	MP2B	Z	-5.81	2.33
84	MP2B	Mx	-.001	2.33
85	MP2C	X	-2.271	2.33
86	MP2C	Z	-3.934	2.33
87	MP2C	Mx	.002	2.33
88	MP3A	X	-.478	4.75
89	MP3A	Z	-.828	4.75
90	MP3A	Mx	-.000199	4.75
91	MP3B	X	-.499	4.75
92	MP3B	Z	-.864	4.75
93	MP3B	Mx	-.000142	4.75
94	MP3C	X	-.358	4.75
95	MP3C	Z	-.62	4.75
96	MP3C	Mx	.000298	4.75
97	MP4C	X	-.358	4.75
98	MP4C	Z	-.62	4.75
99	MP4C	Mx	.000298	4.75
100	MP4A	X	-.478	4.75
101	MP4A	Z	-.828	4.75
102	MP4A	Mx	-.000199	4.75
103	MP4B	X	-.499	4.75
104	MP4B	Z	-.864	4.75
105	MP4B	Mx	-.000142	4.75
106	MP4A	X	-7.697	.38
107	MP4A	Z	-13.332	.38
108	MP4A	Mx	-.00055	.38
109	MP4A	X	-7.697	4.38

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
110	MP4A	Z	-13.332	4.38
111	MP4A	Mx	-.00055	4.38
112	MP4B	X	-7.871	.38
113	MP4B	Z	-13.633	.38
114	MP4B	Mx	.016	.38
115	MP4B	X	-7.871	4.38
116	MP4B	Z	-13.633	4.38
117	MP4B	Mx	.016	4.38
118	MP4C	X	-6.716	.38
119	MP4C	Z	-11.632	.38
120	MP4C	Mx	-.015	.38
121	MP4C	X	-6.716	4.38
122	MP4C	Z	-11.632	4.38
123	MP4C	Mx	-.015	4.38
124	MP4A	X	-7.697	.38
125	MP4A	Z	-13.332	.38
126	MP4A	Mx	.017	.38
127	MP4A	X	-7.697	4.38
128	MP4A	Z	-13.332	4.38
129	MP4A	Mx	.017	4.38
130	MP4B	X	-7.871	.38
131	MP4B	Z	-13.633	.38
132	MP4B	Mx	-.004	.38
133	MP4B	X	-7.871	4.38
134	MP4B	Z	-13.633	4.38
135	MP4B	Mx	-.004	4.38
136	MP4C	X	-6.716	.38
137	MP4C	Z	-11.632	.38
138	MP4C	Mx	-.015	.38
139	MP4C	X	-6.716	4.38
140	MP4C	Z	-11.632	4.38
141	MP4C	Mx	-.015	4.38

Member Point Loads (BLC 77 : Lm1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M2	Y	-500	%62.5

Member Point Loads (BLC 78 : Lm2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M1	Y	-500	%45.313

Member Point Loads (BLC 79 : Lv1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M2	Y	-250	0

Member Point Loads (BLC 80 : Lv2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M2	Y	-250	%100

Member Distributed Loads (BLC 40 : Structure Di)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	Y	-9.404	-9.404	0	%100
2	M2	Y	-9.404	-9.404	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
3	M3	Y	-9.404	-9.404	0	%100
4	M4	Y	-9.404	-9.404	0	%100
5	M5	Y	-9.404	-9.404	0	%100
6	M6	Y	-9.404	-9.404	0	%100
7	M7	Y	-9.404	-9.404	0	%100
8	M8	Y	-9.404	-9.404	0	%100
9	M9	Y	-9.404	-9.404	0	%100
10	M13	Y	-13.337	-13.337	0	%100
11	M14A	Y	-13.337	-13.337	0	%100
12	M18	Y	-13.337	-13.337	0	%100
13	M22	Y	-9.404	-9.404	0	%100
14	M23	Y	-9.404	-9.404	0	%100
15	M24	Y	-9.404	-9.404	0	%100
16	M74	Y	-5.824	-5.824	0	%100
17	M80	Y	-5.824	-5.824	0	%100
18	M86	Y	-5.824	-5.824	0	%100
19	MP5A	Y	-5.166	-5.166	0	%100
20	MP1A	Y	-5.166	-5.166	0	%100
21	MP2C	Y	-5.166	-5.166	0	%100
22	MP5C	Y	-5.166	-5.166	0	%100
23	MP1C	Y	-5.166	-5.166	0	%100
24	MP5B	Y	-5.166	-5.166	0	%100
25	MP1B	Y	-5.166	-5.166	0	%100
26	M77A	Y	-5.166	-5.166	0	%100
27	M77B	Y	-5.166	-5.166	0	%100
28	M78	Y	-5.166	-5.166	0	%100
29	MP3C	Y	-5.166	-5.166	0	%100
30	M61	Y	-13.337	-13.337	0	%100
31	M64	Y	-9.404	-9.404	0	%100
32	M65	Y	-5.824	-5.824	0	%100
33	M68	Y	-13.337	-13.337	0	%100
34	M71	Y	-9.404	-9.404	0	%100
35	M72	Y	-5.824	-5.824	0	%100
36	M75A	Y	-13.337	-13.337	0	%100
37	M78A	Y	-9.404	-9.404	0	%100
38	M79	Y	-5.824	-5.824	0	%100
39	M88	Y	-6.849	-6.849	0	%100
40	M89A	Y	-6.849	-6.849	0	%100
41	M90	Y	-6.849	-6.849	0	%100
42	M105	Y	-5.166	-5.166	0	%100
43	M112	Y	-5.166	-5.166	0	%100
44	M119	Y	-5.166	-5.166	0	%100
45	MP2B	Y	-5.166	-5.166	0	%100
46	MP3B	Y	-5.166	-5.166	0	%100
47	MP2A	Y	-5.166	-5.166	0	%100
48	MP3A	Y	-5.166	-5.166	0	%100
49	MP4A	Y	-5.891	-5.891	0	%100
50	MP4C	Y	-5.891	-5.891	0	%100
51	MP4B	Y	-5.891	-5.891	0	%100
52	M139	Y	-9.404	-9.404	0	%100
53	M140	Y	-5.824	-5.824	0	%100
54	M141	Y	-5.824	-5.824	0	%100
55	M142	Y	-5.824	-5.824	0	%100
56	M143	Y	-2.809	-2.809	0	%100
57	M144	Y	-2.809	-2.809	0	%100
58	M145	Y	-2.809	-2.809	0	%100
59	M146	Y	-2.809	-2.809	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
60	M147	Y	-2.809	-2.809	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	-27.775	-27.775	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	-27.775	-27.775	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	-6.944	-6.944	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	-6.944	-6.944	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	-6.944	-6.944	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	-6.944	-6.944	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	-27.45	-27.45	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	-6.862	-6.862	0	%100
17	M9	X	0	0	0	%100
18	M9	Z	-6.862	-6.862	0	%100
19	M13	X	0	0	0	%100
20	M13	Z	-.392	-.392	0	%100
21	M14A	X	0	0	0	%100
22	M14A	Z	-.392	-.392	0	%100
23	M18	X	0	0	0	%100
24	M18	Z	-1.569	-1.569	0	%100
25	M22	X	0	0	0	%100
26	M22	Z	0	0	0	%100
27	M23	X	0	0	0	%100
28	M23	Z	-5.715	-5.715	0	%100
29	M24	X	0	0	0	%100
30	M24	Z	-5.715	-5.715	0	%100
31	M74	X	0	0	0	%100
32	M74	Z	-6.547	-6.547	0	%100
33	M80	X	0	0	0	%100
34	M80	Z	-1.637	-1.637	0	%100
35	M86	X	0	0	0	%100
36	M86	Z	-1.637	-1.637	0	%100
37	MP5A	X	0	0	0	%100
38	MP5A	Z	-9.936	-9.936	0	%100
39	MP1A	X	0	0	0	%100
40	MP1A	Z	-9.936	-9.936	0	%100
41	MP2C	X	0	0	0	%100
42	MP2C	Z	-9.936	-9.936	0	%100
43	MP5C	X	0	0	0	%100
44	MP5C	Z	-9.936	-9.936	0	%100
45	MP1C	X	0	0	0	%100
46	MP1C	Z	-9.936	-9.936	0	%100
47	MP5B	X	0	0	0	%100
48	MP5B	Z	-9.936	-9.936	0	%100
49	MP1B	X	0	0	0	%100
50	MP1B	Z	-9.936	-9.936	0	%100
51	M77A	X	0	0	0	%100
52	M77A	Z	-2.484	-2.484	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
53	M77B	X	0	0	0	%100
54	M77B	Z	-2.484	-2.484	0	%100
55	M78	X	0	0	0	%100
56	M78	Z	-9.936	-9.936	0	%100
57	MP3C	X	0	0	0	%100
58	MP3C	Z	-9.936	-9.936	0	%100
59	M61	X	0	0	0	%100
60	M61	Z	-.392	-.392	0	%100
61	M64	X	0	0	0	%100
62	M64	Z	-5.715	-5.715	0	%100
63	M65	X	0	0	0	%100
64	M65	Z	-1.637	-1.637	0	%100
65	M68	X	0	0	0	%100
66	M68	Z	-.392	-.392	0	%100
67	M71	X	0	0	0	%100
68	M71	Z	-5.715	-5.715	0	%100
69	M72	X	0	0	0	%100
70	M72	Z	-1.637	-1.637	0	%100
71	M75A	X	0	0	0	%100
72	M75A	Z	-1.569	-1.569	0	%100
73	M78A	X	0	0	0	%100
74	M78A	Z	0	0	0	%100
75	M79	X	0	0	0	%100
76	M79	Z	-6.547	-6.547	0	%100
77	M88	X	0	0	0	%100
78	M88	Z	-2.885	-2.885	0	%100
79	M89A	X	0	0	0	%100
80	M89A	Z	-11.542	-11.542	0	%100
81	M90	X	0	0	0	%100
82	M90	Z	-2.885	-2.885	0	%100
83	M105	X	0	0	0	%100
84	M105	Z	-2.461	-2.461	0	%100
85	M112	X	0	0	0	%100
86	M112	Z	-9.845	-9.845	0	%100
87	M119	X	0	0	0	%100
88	M119	Z	-2.461	-2.461	0	%100
89	MP2B	X	0	0	0	%100
90	MP2B	Z	-9.936	-9.936	0	%100
91	MP3B	X	0	0	0	%100
92	MP3B	Z	-9.936	-9.936	0	%100
93	MP2A	X	0	0	0	%100
94	MP2A	Z	-9.936	-9.936	0	%100
95	MP3A	X	0	0	0	%100
96	MP3A	Z	-9.936	-9.936	0	%100
97	MP4A	X	0	0	0	%100
98	MP4A	Z	-12.028	-12.028	0	%100
99	MP4C	X	0	0	0	%100
100	MP4C	Z	-12.028	-12.028	0	%100
101	MP4B	X	0	0	0	%100
102	MP4B	Z	-12.028	-12.028	0	%100
103	M139	X	0	0	0	%100
104	M139	Z	-6.087	-6.087	0	%100
105	M140	X	0	0	0	%100
106	M140	Z	-8.106	-8.106	0	%100
107	M141	X	0	0	0	%100
108	M141	Z	-13.946	-13.946	0	%100
109	M142	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
110	M142	Z	-13.946	-13.946	0	%100
111	M143	X	0	0	0	%100
112	M143	Z	-2.194	-2.194	0	%100
113	M144	X	0	0	0	%100
114	M144	Z	-2.194	-2.194	0	%100
115	M145	X	0	0	0	%100
116	M145	Z	-2.194	-2.194	0	%100
117	M146	X	0	0	0	%100
118	M146	Z	-2.194	-2.194	0	%100
119	M147	X	0	0	0	%100
120	M147	Z	-2.194	-2.194	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	10.416	10.416	0	%100
2	M1	Z	-18.04	-18.04	0	%100
3	M2	X	10.416	10.416	0	%100
4	M2	Z	-18.04	-18.04	0	%100
5	M3	X	10.416	10.416	0	%100
6	M3	Z	-18.04	-18.04	0	%100
7	M4	X	10.416	10.416	0	%100
8	M4	Z	-18.04	-18.04	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	10.294	10.294	0	%100
14	M7	Z	-17.829	-17.829	0	%100
15	M8	X	10.294	10.294	0	%100
16	M8	Z	-17.829	-17.829	0	%100
17	M9	X	0	0	0	%100
18	M9	Z	0	0	0	%100
19	M13	X	.588	.588	0	%100
20	M13	Z	-1.019	-1.019	0	%100
21	M14A	X	0	0	0	%100
22	M14A	Z	0	0	0	%100
23	M18	X	.588	.588	0	%100
24	M18	Z	-1.019	-1.019	0	%100
25	M22	X	.952	.952	0	%100
26	M22	Z	-1.65	-1.65	0	%100
27	M23	X	.952	.952	0	%100
28	M23	Z	-1.65	-1.65	0	%100
29	M24	X	3.81	3.81	0	%100
30	M24	Z	-6.599	-6.599	0	%100
31	M74	X	2.455	2.455	0	%100
32	M74	Z	-4.252	-4.252	0	%100
33	M80	X	2.455	2.455	0	%100
34	M80	Z	-4.252	-4.252	0	%100
35	M86	X	0	0	0	%100
36	M86	Z	0	0	0	%100
37	MP5A	X	4.968	4.968	0	%100
38	MP5A	Z	-8.605	-8.605	0	%100
39	MP1A	X	4.968	4.968	0	%100
40	MP1A	Z	-8.605	-8.605	0	%100
41	MP2C	X	4.968	4.968	0	%100
42	MP2C	Z	-8.605	-8.605	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
43	MP5C	X	4.968	4.968	0	%100
44	MP5C	Z	-8.605	-8.605	0	%100
45	MP1C	X	4.968	4.968	0	%100
46	MP1C	Z	-8.605	-8.605	0	%100
47	MP5B	X	4.968	4.968	0	%100
48	MP5B	Z	-8.605	-8.605	0	%100
49	MP1B	X	4.968	4.968	0	%100
50	MP1B	Z	-8.605	-8.605	0	%100
51	M77A	X	3.726	3.726	0	%100
52	M77A	Z	-6.454	-6.454	0	%100
53	M77B	X	0	0	0	%100
54	M77B	Z	0	0	0	%100
55	M78	X	3.726	3.726	0	%100
56	M78	Z	-6.454	-6.454	0	%100
57	MP3C	X	4.968	4.968	0	%100
58	MP3C	Z	-8.605	-8.605	0	%100
59	M61	X	.588	.588	0	%100
60	M61	Z	-1.019	-1.019	0	%100
61	M64	X	.952	.952	0	%100
62	M64	Z	-1.65	-1.65	0	%100
63	M65	X	2.455	2.455	0	%100
64	M65	Z	-4.252	-4.252	0	%100
65	M68	X	0	0	0	%100
66	M68	Z	0	0	0	%100
67	M71	X	3.81	3.81	0	%100
68	M71	Z	-6.599	-6.599	0	%100
69	M72	X	0	0	0	%100
70	M72	Z	0	0	0	%100
71	M75A	X	.588	.588	0	%100
72	M75A	Z	-1.019	-1.019	0	%100
73	M78A	X	.952	.952	0	%100
74	M78A	Z	-1.65	-1.65	0	%100
75	M79	X	2.455	2.455	0	%100
76	M79	Z	-4.252	-4.252	0	%100
77	M88	X	0	0	0	%100
78	M88	Z	0	0	0	%100
79	M89A	X	4.328	4.328	0	%100
80	M89A	Z	-7.497	-7.497	0	%100
81	M90	X	4.328	4.328	0	%100
82	M90	Z	-7.497	-7.497	0	%100
83	M105	X	0	0	0	%100
84	M105	Z	0	0	0	%100
85	M112	X	3.692	3.692	0	%100
86	M112	Z	-6.395	-6.395	0	%100
87	M119	X	3.692	3.692	0	%100
88	M119	Z	-6.395	-6.395	0	%100
89	MP2B	X	4.968	4.968	0	%100
90	MP2B	Z	-8.605	-8.605	0	%100
91	MP3B	X	4.968	4.968	0	%100
92	MP3B	Z	-8.605	-8.605	0	%100
93	MP2A	X	4.968	4.968	0	%100
94	MP2A	Z	-8.605	-8.605	0	%100
95	MP3A	X	4.968	4.968	0	%100
96	MP3A	Z	-8.605	-8.605	0	%100
97	MP4A	X	6.014	6.014	0	%100
98	MP4A	Z	-10.417	-10.417	0	%100
99	MP4C	X	6.014	6.014	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
100	MP4C	Z	-10.417	-10.417	0	%100
101	MP4B	X	6.014	6.014	0	%100
102	MP4B	Z	-10.417	-10.417	0	%100
103	M139	X	9.131	9.131	0	%100
104	M139	Z	-15.815	-15.815	0	%100
105	M140	X	1.351	1.351	0	%100
106	M140	Z	-2.34	-2.34	0	%100
107	M141	X	6.973	6.973	0	%100
108	M141	Z	-12.077	-12.077	0	%100
109	M142	X	6.973	6.973	0	%100
110	M142	Z	-12.077	-12.077	0	%100
111	M143	X	.366	.366	0	%100
112	M143	Z	-.633	-.633	0	%100
113	M144	X	.366	.366	0	%100
114	M144	Z	-.633	-.633	0	%100
115	M145	X	.366	.366	0	%100
116	M145	Z	-.633	-.633	0	%100
117	M146	X	.366	.366	0	%100
118	M146	Z	-.633	-.633	0	%100
119	M147	X	.366	.366	0	%100
120	M147	Z	-.633	-.633	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	6.013	6.013	0	%100
2	M1	Z	-3.472	-3.472	0	%100
3	M2	X	6.013	6.013	0	%100
4	M2	Z	-3.472	-3.472	0	%100
5	M3	X	24.054	24.054	0	%100
6	M3	Z	-13.888	-13.888	0	%100
7	M4	X	24.054	24.054	0	%100
8	M4	Z	-13.888	-13.888	0	%100
9	M5	X	6.013	6.013	0	%100
10	M5	Z	-3.472	-3.472	0	%100
11	M6	X	6.013	6.013	0	%100
12	M6	Z	-3.472	-3.472	0	%100
13	M7	X	5.943	5.943	0	%100
14	M7	Z	-3.431	-3.431	0	%100
15	M8	X	23.772	23.772	0	%100
16	M8	Z	-13.725	-13.725	0	%100
17	M9	X	5.943	5.943	0	%100
18	M9	Z	-3.431	-3.431	0	%100
19	M13	X	1.359	1.359	0	%100
20	M13	Z	-.784	-.784	0	%100
21	M14A	X	.34	.34	0	%100
22	M14A	Z	-.196	-.196	0	%100
23	M18	X	.34	.34	0	%100
24	M18	Z	-.196	-.196	0	%100
25	M22	X	4.949	4.949	0	%100
26	M22	Z	-2.857	-2.857	0	%100
27	M23	X	0	0	0	%100
28	M23	Z	0	0	0	%100
29	M24	X	4.949	4.949	0	%100
30	M24	Z	-2.857	-2.857	0	%100
31	M74	X	1.417	1.417	0	%100
32	M74	Z	-.818	-.818	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
33	M80	X	5.67	5.67	0	%100
34	M80	Z	-3.273	-3.273	0	%100
35	M86	X	1.417	1.417	0	%100
36	M86	Z	-.818	-.818	0	%100
37	MP5A	X	8.605	8.605	0	%100
38	MP5A	Z	-4.968	-4.968	0	%100
39	MP1A	X	8.605	8.605	0	%100
40	MP1A	Z	-4.968	-4.968	0	%100
41	MP2C	X	8.605	8.605	0	%100
42	MP2C	Z	-4.968	-4.968	0	%100
43	MP5C	X	8.605	8.605	0	%100
44	MP5C	Z	-4.968	-4.968	0	%100
45	MP1C	X	8.605	8.605	0	%100
46	MP1C	Z	-4.968	-4.968	0	%100
47	MP5B	X	8.605	8.605	0	%100
48	MP5B	Z	-4.968	-4.968	0	%100
49	MP1B	X	8.605	8.605	0	%100
50	MP1B	Z	-4.968	-4.968	0	%100
51	M77A	X	8.605	8.605	0	%100
52	M77A	Z	-4.968	-4.968	0	%100
53	M77B	X	2.151	2.151	0	%100
54	M77B	Z	-1.242	-1.242	0	%100
55	M78	X	2.151	2.151	0	%100
56	M78	Z	-1.242	-1.242	0	%100
57	MP3C	X	8.605	8.605	0	%100
58	MP3C	Z	-4.968	-4.968	0	%100
59	M61	X	1.359	1.359	0	%100
60	M61	Z	-.784	-.784	0	%100
61	M64	X	0	0	0	%100
62	M64	Z	0	0	0	%100
63	M65	X	5.67	5.67	0	%100
64	M65	Z	-3.273	-3.273	0	%100
65	M68	X	.34	.34	0	%100
66	M68	Z	-.196	-.196	0	%100
67	M71	X	4.949	4.949	0	%100
68	M71	Z	-2.857	-2.857	0	%100
69	M72	X	1.417	1.417	0	%100
70	M72	Z	-.818	-.818	0	%100
71	M75A	X	.34	.34	0	%100
72	M75A	Z	-.196	-.196	0	%100
73	M78A	X	4.949	4.949	0	%100
74	M78A	Z	-2.857	-2.857	0	%100
75	M79	X	1.417	1.417	0	%100
76	M79	Z	-.818	-.818	0	%100
77	M88	X	2.499	2.499	0	%100
78	M88	Z	-1.443	-1.443	0	%100
79	M89A	X	2.499	2.499	0	%100
80	M89A	Z	-1.443	-1.443	0	%100
81	M90	X	9.996	9.996	0	%100
82	M90	Z	-5.771	-5.771	0	%100
83	M105	X	2.132	2.132	0	%100
84	M105	Z	-1.231	-1.231	0	%100
85	M112	X	2.132	2.132	0	%100
86	M112	Z	-1.231	-1.231	0	%100
87	M119	X	8.526	8.526	0	%100
88	M119	Z	-4.923	-4.923	0	%100
89	MP2B	X	8.605	8.605	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
90	MP2B	Z	-4.968	-4.968	0	%100
91	MP3B	X	8.605	8.605	0	%100
92	MP3B	Z	-4.968	-4.968	0	%100
93	MP2A	X	8.605	8.605	0	%100
94	MP2A	Z	-4.968	-4.968	0	%100
95	MP3A	X	8.605	8.605	0	%100
96	MP3A	Z	-4.968	-4.968	0	%100
97	MP4A	X	10.417	10.417	0	%100
98	MP4A	Z	-6.014	-6.014	0	%100
99	MP4C	X	10.417	10.417	0	%100
100	MP4C	Z	-6.014	-6.014	0	%100
101	MP4B	X	10.417	10.417	0	%100
102	MP4B	Z	-6.014	-6.014	0	%100
103	M139	X	21.087	21.087	0	%100
104	M139	Z	-12.175	-12.175	0	%100
105	M140	X	0	0	0	%100
106	M140	Z	0	0	0	%100
107	M141	X	12.077	12.077	0	%100
108	M141	Z	-6.973	-6.973	0	%100
109	M142	X	12.077	12.077	0	%100
110	M142	Z	-6.973	-6.973	0	%100
111	M143	X	0	0	0	%100
112	M143	Z	0	0	0	%100
113	M144	X	0	0	0	%100
114	M144	Z	0	0	0	%100
115	M145	X	0	0	0	%100
116	M145	Z	0	0	0	%100
117	M146	X	0	0	0	%100
118	M146	Z	0	0	0	%100
119	M147	X	0	0	0	%100
120	M147	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	20.831	20.831	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	20.831	20.831	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	20.831	20.831	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	20.831	20.831	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	0	0	0	%100
15	M8	X	20.587	20.587	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	20.587	20.587	0	%100
18	M9	Z	0	0	0	%100
19	M13	X	1.177	1.177	0	%100
20	M13	Z	0	0	0	%100
21	M14A	X	1.177	1.177	0	%100
22	M14A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
23	M18	X	0	0	0	%100
24	M18	Z	0	0	0	%100
25	M22	X	7.62	7.62	0	%100
26	M22	Z	0	0	0	%100
27	M23	X	1.905	1.905	0	%100
28	M23	Z	0	0	0	%100
29	M24	X	1.905	1.905	0	%100
30	M24	Z	0	0	0	%100
31	M74	X	0	0	0	%100
32	M74	Z	0	0	0	%100
33	M80	X	4.91	4.91	0	%100
34	M80	Z	0	0	0	%100
35	M86	X	4.91	4.91	0	%100
36	M86	Z	0	0	0	%100
37	MP5A	X	9.936	9.936	0	%100
38	MP5A	Z	0	0	0	%100
39	MP1A	X	9.936	9.936	0	%100
40	MP1A	Z	0	0	0	%100
41	MP2C	X	9.936	9.936	0	%100
42	MP2C	Z	0	0	0	%100
43	MP5C	X	9.936	9.936	0	%100
44	MP5C	Z	0	0	0	%100
45	MP1C	X	9.936	9.936	0	%100
46	MP1C	Z	0	0	0	%100
47	MP5B	X	9.936	9.936	0	%100
48	MP5B	Z	0	0	0	%100
49	MP1B	X	9.936	9.936	0	%100
50	MP1B	Z	0	0	0	%100
51	M77A	X	7.452	7.452	0	%100
52	M77A	Z	0	0	0	%100
53	M77B	X	7.452	7.452	0	%100
54	M77B	Z	0	0	0	%100
55	M78	X	0	0	0	%100
56	M78	Z	0	0	0	%100
57	MP3C	X	9.936	9.936	0	%100
58	MP3C	Z	0	0	0	%100
59	M61	X	1.177	1.177	0	%100
60	M61	Z	0	0	0	%100
61	M64	X	1.905	1.905	0	%100
62	M64	Z	0	0	0	%100
63	M65	X	4.91	4.91	0	%100
64	M65	Z	0	0	0	%100
65	M68	X	1.177	1.177	0	%100
66	M68	Z	0	0	0	%100
67	M71	X	1.905	1.905	0	%100
68	M71	Z	0	0	0	%100
69	M72	X	4.91	4.91	0	%100
70	M72	Z	0	0	0	%100
71	M75A	X	0	0	0	%100
72	M75A	Z	0	0	0	%100
73	M78A	X	7.62	7.62	0	%100
74	M78A	Z	0	0	0	%100
75	M79	X	0	0	0	%100
76	M79	Z	0	0	0	%100
77	M88	X	8.656	8.656	0	%100
78	M88	Z	0	0	0	%100
79	M89A	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
80	M89A	Z	0	0	0	%100
81	M90	X	8.656	8.656	0	%100
82	M90	Z	0	0	0	%100
83	M105	X	7.384	7.384	0	%100
84	M105	Z	0	0	0	%100
85	M112	X	0	0	0	%100
86	M112	Z	0	0	0	%100
87	M119	X	7.384	7.384	0	%100
88	M119	Z	0	0	0	%100
89	MP2B	X	9.936	9.936	0	%100
90	MP2B	Z	0	0	0	%100
91	MP3B	X	9.936	9.936	0	%100
92	MP3B	Z	0	0	0	%100
93	MP2A	X	9.936	9.936	0	%100
94	MP2A	Z	0	0	0	%100
95	MP3A	X	9.936	9.936	0	%100
96	MP3A	Z	0	0	0	%100
97	MP4A	X	12.028	12.028	0	%100
98	MP4A	Z	0	0	0	%100
99	MP4C	X	12.028	12.028	0	%100
100	MP4C	Z	0	0	0	%100
101	MP4B	X	12.028	12.028	0	%100
102	MP4B	Z	0	0	0	%100
103	M139	X	18.262	18.262	0	%100
104	M139	Z	0	0	0	%100
105	M140	X	2.702	2.702	0	%100
106	M140	Z	0	0	0	%100
107	M141	X	13.946	13.946	0	%100
108	M141	Z	0	0	0	%100
109	M142	X	13.946	13.946	0	%100
110	M142	Z	0	0	0	%100
111	M143	X	.731	.731	0	%100
112	M143	Z	0	0	0	%100
113	M144	X	.731	.731	0	%100
114	M144	Z	0	0	0	%100
115	M145	X	.731	.731	0	%100
116	M145	Z	0	0	0	%100
117	M146	X	.731	.731	0	%100
118	M146	Z	0	0	0	%100
119	M147	X	.731	.731	0	%100
120	M147	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	6.013	6.013	0	%100
2	M1	Z	3.472	3.472	0	%100
3	M2	X	6.013	6.013	0	%100
4	M2	Z	3.472	3.472	0	%100
5	M3	X	6.013	6.013	0	%100
6	M3	Z	3.472	3.472	0	%100
7	M4	X	6.013	6.013	0	%100
8	M4	Z	3.472	3.472	0	%100
9	M5	X	24.054	24.054	0	%100
10	M5	Z	13.888	13.888	0	%100
11	M6	X	24.054	24.054	0	%100
12	M6	Z	13.888	13.888	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
13	M7	X	5.943	5.943	0	%100
14	M7	Z	3.431	3.431	0	%100
15	M8	X	5.943	5.943	0	%100
16	M8	Z	3.431	3.431	0	%100
17	M9	X	23.772	23.772	0	%100
18	M9	Z	13.725	13.725	0	%100
19	M13	X	.34	.34	0	%100
20	M13	Z	.196	.196	0	%100
21	M14A	X	1.359	1.359	0	%100
22	M14A	Z	.784	.784	0	%100
23	M18	X	.34	.34	0	%100
24	M18	Z	.196	.196	0	%100
25	M22	X	4.949	4.949	0	%100
26	M22	Z	2.857	2.857	0	%100
27	M23	X	4.949	4.949	0	%100
28	M23	Z	2.857	2.857	0	%100
29	M24	X	0	0	0	%100
30	M24	Z	0	0	0	%100
31	M74	X	1.417	1.417	0	%100
32	M74	Z	.818	.818	0	%100
33	M80	X	1.417	1.417	0	%100
34	M80	Z	.818	.818	0	%100
35	M86	X	5.67	5.67	0	%100
36	M86	Z	3.273	3.273	0	%100
37	MP5A	X	8.605	8.605	0	%100
38	MP5A	Z	4.968	4.968	0	%100
39	MP1A	X	8.605	8.605	0	%100
40	MP1A	Z	4.968	4.968	0	%100
41	MP2C	X	8.605	8.605	0	%100
42	MP2C	Z	4.968	4.968	0	%100
43	MP5C	X	8.605	8.605	0	%100
44	MP5C	Z	4.968	4.968	0	%100
45	MP1C	X	8.605	8.605	0	%100
46	MP1C	Z	4.968	4.968	0	%100
47	MP5B	X	8.605	8.605	0	%100
48	MP5B	Z	4.968	4.968	0	%100
49	MP1B	X	8.605	8.605	0	%100
50	MP1B	Z	4.968	4.968	0	%100
51	M77A	X	2.151	2.151	0	%100
52	M77A	Z	1.242	1.242	0	%100
53	M77B	X	8.605	8.605	0	%100
54	M77B	Z	4.968	4.968	0	%100
55	M78	X	2.151	2.151	0	%100
56	M78	Z	1.242	1.242	0	%100
57	MP3C	X	8.605	8.605	0	%100
58	MP3C	Z	4.968	4.968	0	%100
59	M61	X	.34	.34	0	%100
60	M61	Z	.196	.196	0	%100
61	M64	X	4.949	4.949	0	%100
62	M64	Z	2.857	2.857	0	%100
63	M65	X	1.417	1.417	0	%100
64	M65	Z	.818	.818	0	%100
65	M68	X	1.359	1.359	0	%100
66	M68	Z	.784	.784	0	%100
67	M71	X	0	0	0	%100
68	M71	Z	0	0	0	%100
69	M72	X	5.67	5.67	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
70	M72	Z	3.273	3.273	0	%100
71	M75A	X	.34	.34	0	%100
72	M75A	Z	.196	.196	0	%100
73	M78A	X	4.949	4.949	0	%100
74	M78A	Z	2.857	2.857	0	%100
75	M79	X	1.417	1.417	0	%100
76	M79	Z	.818	.818	0	%100
77	M88	X	9.996	9.996	0	%100
78	M88	Z	5.771	5.771	0	%100
79	M89A	X	2.499	2.499	0	%100
80	M89A	Z	1.443	1.443	0	%100
81	M90	X	2.499	2.499	0	%100
82	M90	Z	1.443	1.443	0	%100
83	M105	X	8.526	8.526	0	%100
84	M105	Z	4.923	4.923	0	%100
85	M112	X	2.132	2.132	0	%100
86	M112	Z	1.231	1.231	0	%100
87	M119	X	2.132	2.132	0	%100
88	M119	Z	1.231	1.231	0	%100
89	MP2B	X	8.605	8.605	0	%100
90	MP2B	Z	4.968	4.968	0	%100
91	MP3B	X	8.605	8.605	0	%100
92	MP3B	Z	4.968	4.968	0	%100
93	MP2A	X	8.605	8.605	0	%100
94	MP2A	Z	4.968	4.968	0	%100
95	MP3A	X	8.605	8.605	0	%100
96	MP3A	Z	4.968	4.968	0	%100
97	MP4A	X	10.417	10.417	0	%100
98	MP4A	Z	6.014	6.014	0	%100
99	MP4C	X	10.417	10.417	0	%100
100	MP4C	Z	6.014	6.014	0	%100
101	MP4B	X	10.417	10.417	0	%100
102	MP4B	Z	6.014	6.014	0	%100
103	M139	X	5.272	5.272	0	%100
104	M139	Z	3.044	3.044	0	%100
105	M140	X	7.02	7.02	0	%100
106	M140	Z	4.053	4.053	0	%100
107	M141	X	12.077	12.077	0	%100
108	M141	Z	6.973	6.973	0	%100
109	M142	X	12.077	12.077	0	%100
110	M142	Z	6.973	6.973	0	%100
111	M143	X	1.9	1.9	0	%100
112	M143	Z	1.097	1.097	0	%100
113	M144	X	1.9	1.9	0	%100
114	M144	Z	1.097	1.097	0	%100
115	M145	X	1.9	1.9	0	%100
116	M145	Z	1.097	1.097	0	%100
117	M146	X	1.9	1.9	0	%100
118	M146	Z	1.097	1.097	0	%100
119	M147	X	1.9	1.9	0	%100
120	M147	Z	1.097	1.097	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	10.416	10.416	0	%100
2	M1	Z	18.04	18.04	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
3	M2	X	10.416	10.416	0	%100
4	M2	Z	18.04	18.04	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	10.416	10.416	0	%100
10	M5	Z	18.04	18.04	0	%100
11	M6	X	10.416	10.416	0	%100
12	M6	Z	18.04	18.04	0	%100
13	M7	X	10.294	10.294	0	%100
14	M7	Z	17.829	17.829	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	10.294	10.294	0	%100
18	M9	Z	17.829	17.829	0	%100
19	M13	X	0	0	0	%100
20	M13	Z	0	0	0	%100
21	M14A	X	.588	.588	0	%100
22	M14A	Z	1.019	1.019	0	%100
23	M18	X	.588	.588	0	%100
24	M18	Z	1.019	1.019	0	%100
25	M22	X	.952	.952	0	%100
26	M22	Z	1.65	1.65	0	%100
27	M23	X	3.81	3.81	0	%100
28	M23	Z	6.599	6.599	0	%100
29	M24	X	.952	.952	0	%100
30	M24	Z	1.65	1.65	0	%100
31	M74	X	2.455	2.455	0	%100
32	M74	Z	4.252	4.252	0	%100
33	M80	X	0	0	0	%100
34	M80	Z	0	0	0	%100
35	M86	X	2.455	2.455	0	%100
36	M86	Z	4.252	4.252	0	%100
37	MP5A	X	4.968	4.968	0	%100
38	MP5A	Z	8.605	8.605	0	%100
39	MP1A	X	4.968	4.968	0	%100
40	MP1A	Z	8.605	8.605	0	%100
41	MP2C	X	4.968	4.968	0	%100
42	MP2C	Z	8.605	8.605	0	%100
43	MP5C	X	4.968	4.968	0	%100
44	MP5C	Z	8.605	8.605	0	%100
45	MP1C	X	4.968	4.968	0	%100
46	MP1C	Z	8.605	8.605	0	%100
47	MP5B	X	4.968	4.968	0	%100
48	MP5B	Z	8.605	8.605	0	%100
49	MP1B	X	4.968	4.968	0	%100
50	MP1B	Z	8.605	8.605	0	%100
51	M77A	X	0	0	0	%100
52	M77A	Z	0	0	0	%100
53	M77B	X	3.726	3.726	0	%100
54	M77B	Z	6.454	6.454	0	%100
55	M78	X	3.726	3.726	0	%100
56	M78	Z	6.454	6.454	0	%100
57	MP3C	X	4.968	4.968	0	%100
58	MP3C	Z	8.605	8.605	0	%100
59	M61	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
60	M61	Z	0	0	0	%100
61	M64	X	3.81	3.81	0	%100
62	M64	Z	6.599	6.599	0	%100
63	M65	X	0	0	0	%100
64	M65	Z	0	0	0	%100
65	M68	X	.588	.588	0	%100
66	M68	Z	1.019	1.019	0	%100
67	M71	X	.952	.952	0	%100
68	M71	Z	1.65	1.65	0	%100
69	M72	X	2.455	2.455	0	%100
70	M72	Z	4.252	4.252	0	%100
71	M75A	X	.588	.588	0	%100
72	M75A	Z	1.019	1.019	0	%100
73	M78A	X	.952	.952	0	%100
74	M78A	Z	1.65	1.65	0	%100
75	M79	X	2.455	2.455	0	%100
76	M79	Z	4.252	4.252	0	%100
77	M88	X	4.328	4.328	0	%100
78	M88	Z	7.497	7.497	0	%100
79	M89A	X	4.328	4.328	0	%100
80	M89A	Z	7.497	7.497	0	%100
81	M90	X	0	0	0	%100
82	M90	Z	0	0	0	%100
83	M105	X	3.692	3.692	0	%100
84	M105	Z	6.395	6.395	0	%100
85	M112	X	3.692	3.692	0	%100
86	M112	Z	6.395	6.395	0	%100
87	M119	X	0	0	0	%100
88	M119	Z	0	0	0	%100
89	MP2B	X	4.968	4.968	0	%100
90	MP2B	Z	8.605	8.605	0	%100
91	MP3B	X	4.968	4.968	0	%100
92	MP3B	Z	8.605	8.605	0	%100
93	MP2A	X	4.968	4.968	0	%100
94	MP2A	Z	8.605	8.605	0	%100
95	MP3A	X	4.968	4.968	0	%100
96	MP3A	Z	8.605	8.605	0	%100
97	MP4A	X	6.014	6.014	0	%100
98	MP4A	Z	10.417	10.417	0	%100
99	MP4C	X	6.014	6.014	0	%100
100	MP4C	Z	10.417	10.417	0	%100
101	MP4B	X	6.014	6.014	0	%100
102	MP4B	Z	10.417	10.417	0	%100
103	M139	X	0	0	0	%100
104	M139	Z	0	0	0	%100
105	M140	X	5.404	5.404	0	%100
106	M140	Z	9.36	9.36	0	%100
107	M141	X	6.973	6.973	0	%100
108	M141	Z	12.077	12.077	0	%100
109	M142	X	6.973	6.973	0	%100
110	M142	Z	12.077	12.077	0	%100
111	M143	X	1.462	1.462	0	%100
112	M143	Z	2.533	2.533	0	%100
113	M144	X	1.462	1.462	0	%100
114	M144	Z	2.533	2.533	0	%100
115	M145	X	1.462	1.462	0	%100
116	M145	Z	2.533	2.533	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
117	M146	X	1.462	1.462	0	%100
118	M146	Z	2.533	2.533	0	%100
119	M147	X	1.462	1.462	0	%100
120	M147	Z	2.533	2.533	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	27.775	27.775	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	27.775	27.775	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	6.944	6.944	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	6.944	6.944	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	6.944	6.944	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	6.944	6.944	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	27.45	27.45	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	6.862	6.862	0	%100
17	M9	X	0	0	0	%100
18	M9	Z	6.862	6.862	0	%100
19	M13	X	0	0	0	%100
20	M13	Z	.392	.392	0	%100
21	M14A	X	0	0	0	%100
22	M14A	Z	.392	.392	0	%100
23	M18	X	0	0	0	%100
24	M18	Z	1.569	1.569	0	%100
25	M22	X	0	0	0	%100
26	M22	Z	0	0	0	%100
27	M23	X	0	0	0	%100
28	M23	Z	5.715	5.715	0	%100
29	M24	X	0	0	0	%100
30	M24	Z	5.715	5.715	0	%100
31	M74	X	0	0	0	%100
32	M74	Z	6.547	6.547	0	%100
33	M80	X	0	0	0	%100
34	M80	Z	1.637	1.637	0	%100
35	M86	X	0	0	0	%100
36	M86	Z	1.637	1.637	0	%100
37	MP5A	X	0	0	0	%100
38	MP5A	Z	9.936	9.936	0	%100
39	MP1A	X	0	0	0	%100
40	MP1A	Z	9.936	9.936	0	%100
41	MP2C	X	0	0	0	%100
42	MP2C	Z	9.936	9.936	0	%100
43	MP5C	X	0	0	0	%100
44	MP5C	Z	9.936	9.936	0	%100
45	MP1C	X	0	0	0	%100
46	MP1C	Z	9.936	9.936	0	%100
47	MP5B	X	0	0	0	%100
48	MP5B	Z	9.936	9.936	0	%100
49	MP1B	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
50	MP1B	Z	9.936	9.936	0	%100
51	M77A	X	0	0	0	%100
52	M77A	Z	2.484	2.484	0	%100
53	M77B	X	0	0	0	%100
54	M77B	Z	2.484	2.484	0	%100
55	M78	X	0	0	0	%100
56	M78	Z	9.936	9.936	0	%100
57	MP3C	X	0	0	0	%100
58	MP3C	Z	9.936	9.936	0	%100
59	M61	X	0	0	0	%100
60	M61	Z	.392	.392	0	%100
61	M64	X	0	0	0	%100
62	M64	Z	5.715	5.715	0	%100
63	M65	X	0	0	0	%100
64	M65	Z	1.637	1.637	0	%100
65	M68	X	0	0	0	%100
66	M68	Z	.392	.392	0	%100
67	M71	X	0	0	0	%100
68	M71	Z	5.715	5.715	0	%100
69	M72	X	0	0	0	%100
70	M72	Z	1.637	1.637	0	%100
71	M75A	X	0	0	0	%100
72	M75A	Z	1.569	1.569	0	%100
73	M78A	X	0	0	0	%100
74	M78A	Z	0	0	0	%100
75	M79	X	0	0	0	%100
76	M79	Z	6.547	6.547	0	%100
77	M88	X	0	0	0	%100
78	M88	Z	2.885	2.885	0	%100
79	M89A	X	0	0	0	%100
80	M89A	Z	11.542	11.542	0	%100
81	M90	X	0	0	0	%100
82	M90	Z	2.885	2.885	0	%100
83	M105	X	0	0	0	%100
84	M105	Z	2.461	2.461	0	%100
85	M112	X	0	0	0	%100
86	M112	Z	9.845	9.845	0	%100
87	M119	X	0	0	0	%100
88	M119	Z	2.461	2.461	0	%100
89	MP2B	X	0	0	0	%100
90	MP2B	Z	9.936	9.936	0	%100
91	MP3B	X	0	0	0	%100
92	MP3B	Z	9.936	9.936	0	%100
93	MP2A	X	0	0	0	%100
94	MP2A	Z	9.936	9.936	0	%100
95	MP3A	X	0	0	0	%100
96	MP3A	Z	9.936	9.936	0	%100
97	MP4A	X	0	0	0	%100
98	MP4A	Z	12.028	12.028	0	%100
99	MP4C	X	0	0	0	%100
100	MP4C	Z	12.028	12.028	0	%100
101	MP4B	X	0	0	0	%100
102	MP4B	Z	12.028	12.028	0	%100
103	M139	X	0	0	0	%100
104	M139	Z	6.087	6.087	0	%100
105	M140	X	0	0	0	%100
106	M140	Z	8.106	8.106	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
107	M141	X	0	0	0	%100
108	M141	Z	13.946	13.946	0	%100
109	M142	X	0	0	0	%100
110	M142	Z	13.946	13.946	0	%100
111	M143	X	0	0	0	%100
112	M143	Z	2.194	2.194	0	%100
113	M144	X	0	0	0	%100
114	M144	Z	2.194	2.194	0	%100
115	M145	X	0	0	0	%100
116	M145	Z	2.194	2.194	0	%100
117	M146	X	0	0	0	%100
118	M146	Z	2.194	2.194	0	%100
119	M147	X	0	0	0	%100
120	M147	Z	2.194	2.194	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-10.416	-10.416	0	%100
2	M1	Z	18.04	18.04	0	%100
3	M2	X	-10.416	-10.416	0	%100
4	M2	Z	18.04	18.04	0	%100
5	M3	X	-10.416	-10.416	0	%100
6	M3	Z	18.04	18.04	0	%100
7	M4	X	-10.416	-10.416	0	%100
8	M4	Z	18.04	18.04	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	-10.294	-10.294	0	%100
14	M7	Z	17.829	17.829	0	%100
15	M8	X	-10.294	-10.294	0	%100
16	M8	Z	17.829	17.829	0	%100
17	M9	X	0	0	0	%100
18	M9	Z	0	0	0	%100
19	M13	X	-.588	-.588	0	%100
20	M13	Z	1.019	1.019	0	%100
21	M14A	X	0	0	0	%100
22	M14A	Z	0	0	0	%100
23	M18	X	-.588	-.588	0	%100
24	M18	Z	1.019	1.019	0	%100
25	M22	X	-.952	-.952	0	%100
26	M22	Z	1.65	1.65	0	%100
27	M23	X	-.952	-.952	0	%100
28	M23	Z	1.65	1.65	0	%100
29	M24	X	-3.81	-3.81	0	%100
30	M24	Z	6.599	6.599	0	%100
31	M74	X	-2.455	-2.455	0	%100
32	M74	Z	4.252	4.252	0	%100
33	M80	X	-2.455	-2.455	0	%100
34	M80	Z	4.252	4.252	0	%100
35	M86	X	0	0	0	%100
36	M86	Z	0	0	0	%100
37	MP5A	X	-4.968	-4.968	0	%100
38	MP5A	Z	8.605	8.605	0	%100
39	MP1A	X	-4.968	-4.968	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
40	MP1A	Z	8.605	8.605	0	%100
41	MP2C	X	-4.968	-4.968	0	%100
42	MP2C	Z	8.605	8.605	0	%100
43	MP5C	X	-4.968	-4.968	0	%100
44	MP5C	Z	8.605	8.605	0	%100
45	MP1C	X	-4.968	-4.968	0	%100
46	MP1C	Z	8.605	8.605	0	%100
47	MP5B	X	-4.968	-4.968	0	%100
48	MP5B	Z	8.605	8.605	0	%100
49	MP1B	X	-4.968	-4.968	0	%100
50	MP1B	Z	8.605	8.605	0	%100
51	M77A	X	-3.726	-3.726	0	%100
52	M77A	Z	6.454	6.454	0	%100
53	M77B	X	0	0	0	%100
54	M77B	Z	0	0	0	%100
55	M78	X	-3.726	-3.726	0	%100
56	M78	Z	6.454	6.454	0	%100
57	MP3C	X	-4.968	-4.968	0	%100
58	MP3C	Z	8.605	8.605	0	%100
59	M61	X	-.588	-.588	0	%100
60	M61	Z	1.019	1.019	0	%100
61	M64	X	-.952	-.952	0	%100
62	M64	Z	1.65	1.65	0	%100
63	M65	X	-2.455	-2.455	0	%100
64	M65	Z	4.252	4.252	0	%100
65	M68	X	0	0	0	%100
66	M68	Z	0	0	0	%100
67	M71	X	-3.81	-3.81	0	%100
68	M71	Z	6.599	6.599	0	%100
69	M72	X	0	0	0	%100
70	M72	Z	0	0	0	%100
71	M75A	X	-.588	-.588	0	%100
72	M75A	Z	1.019	1.019	0	%100
73	M78A	X	-.952	-.952	0	%100
74	M78A	Z	1.65	1.65	0	%100
75	M79	X	-2.455	-2.455	0	%100
76	M79	Z	4.252	4.252	0	%100
77	M88	X	0	0	0	%100
78	M88	Z	0	0	0	%100
79	M89A	X	-4.328	-4.328	0	%100
80	M89A	Z	7.497	7.497	0	%100
81	M90	X	-4.328	-4.328	0	%100
82	M90	Z	7.497	7.497	0	%100
83	M105	X	0	0	0	%100
84	M105	Z	0	0	0	%100
85	M112	X	-3.692	-3.692	0	%100
86	M112	Z	6.395	6.395	0	%100
87	M119	X	-3.692	-3.692	0	%100
88	M119	Z	6.395	6.395	0	%100
89	MP2B	X	-4.968	-4.968	0	%100
90	MP2B	Z	8.605	8.605	0	%100
91	MP3B	X	-4.968	-4.968	0	%100
92	MP3B	Z	8.605	8.605	0	%100
93	MP2A	X	-4.968	-4.968	0	%100
94	MP2A	Z	8.605	8.605	0	%100
95	MP3A	X	-4.968	-4.968	0	%100
96	MP3A	Z	8.605	8.605	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
97	MP4A	X	-6.014	-6.014	0	%100
98	MP4A	Z	10.417	10.417	0	%100
99	MP4C	X	-6.014	-6.014	0	%100
100	MP4C	Z	10.417	10.417	0	%100
101	MP4B	X	-6.014	-6.014	0	%100
102	MP4B	Z	10.417	10.417	0	%100
103	M139	X	-9.131	-9.131	0	%100
104	M139	Z	15.815	15.815	0	%100
105	M140	X	-1.351	-1.351	0	%100
106	M140	Z	2.34	2.34	0	%100
107	M141	X	-6.973	-6.973	0	%100
108	M141	Z	12.077	12.077	0	%100
109	M142	X	-6.973	-6.973	0	%100
110	M142	Z	12.077	12.077	0	%100
111	M143	X	-.366	-.366	0	%100
112	M143	Z	.633	.633	0	%100
113	M144	X	-.366	-.366	0	%100
114	M144	Z	.633	.633	0	%100
115	M145	X	-.366	-.366	0	%100
116	M145	Z	.633	.633	0	%100
117	M146	X	-.366	-.366	0	%100
118	M146	Z	.633	.633	0	%100
119	M147	X	-.366	-.366	0	%100
120	M147	Z	.633	.633	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-6.013	-6.013	0	%100
2	M1	Z	3.472	3.472	0	%100
3	M2	X	-6.013	-6.013	0	%100
4	M2	Z	3.472	3.472	0	%100
5	M3	X	-24.054	-24.054	0	%100
6	M3	Z	13.888	13.888	0	%100
7	M4	X	-24.054	-24.054	0	%100
8	M4	Z	13.888	13.888	0	%100
9	M5	X	-6.013	-6.013	0	%100
10	M5	Z	3.472	3.472	0	%100
11	M6	X	-6.013	-6.013	0	%100
12	M6	Z	3.472	3.472	0	%100
13	M7	X	-5.943	-5.943	0	%100
14	M7	Z	3.431	3.431	0	%100
15	M8	X	-23.772	-23.772	0	%100
16	M8	Z	13.725	13.725	0	%100
17	M9	X	-5.943	-5.943	0	%100
18	M9	Z	3.431	3.431	0	%100
19	M13	X	-1.359	-1.359	0	%100
20	M13	Z	.784	.784	0	%100
21	M14A	X	-.34	-.34	0	%100
22	M14A	Z	.196	.196	0	%100
23	M18	X	-.34	-.34	0	%100
24	M18	Z	.196	.196	0	%100
25	M22	X	-4.949	-4.949	0	%100
26	M22	Z	2.857	2.857	0	%100
27	M23	X	0	0	0	%100
28	M23	Z	0	0	0	%100
29	M24	X	-4.949	-4.949	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
30	M24	Z	2.857	2.857	0	%100
31	M74	X	-1.417	-1.417	0	%100
32	M74	Z	.818	.818	0	%100
33	M80	X	-5.67	-5.67	0	%100
34	M80	Z	3.273	3.273	0	%100
35	M86	X	-1.417	-1.417	0	%100
36	M86	Z	.818	.818	0	%100
37	MP5A	X	-8.605	-8.605	0	%100
38	MP5A	Z	4.968	4.968	0	%100
39	MP1A	X	-8.605	-8.605	0	%100
40	MP1A	Z	4.968	4.968	0	%100
41	MP2C	X	-8.605	-8.605	0	%100
42	MP2C	Z	4.968	4.968	0	%100
43	MP5C	X	-8.605	-8.605	0	%100
44	MP5C	Z	4.968	4.968	0	%100
45	MP1C	X	-8.605	-8.605	0	%100
46	MP1C	Z	4.968	4.968	0	%100
47	MP5B	X	-8.605	-8.605	0	%100
48	MP5B	Z	4.968	4.968	0	%100
49	MP1B	X	-8.605	-8.605	0	%100
50	MP1B	Z	4.968	4.968	0	%100
51	M77A	X	-8.605	-8.605	0	%100
52	M77A	Z	4.968	4.968	0	%100
53	M77B	X	-2.151	-2.151	0	%100
54	M77B	Z	1.242	1.242	0	%100
55	M78	X	-2.151	-2.151	0	%100
56	M78	Z	1.242	1.242	0	%100
57	MP3C	X	-8.605	-8.605	0	%100
58	MP3C	Z	4.968	4.968	0	%100
59	M61	X	-1.359	-1.359	0	%100
60	M61	Z	.784	.784	0	%100
61	M64	X	0	0	0	%100
62	M64	Z	0	0	0	%100
63	M65	X	-5.67	-5.67	0	%100
64	M65	Z	3.273	3.273	0	%100
65	M68	X	-.34	-.34	0	%100
66	M68	Z	.196	.196	0	%100
67	M71	X	-4.949	-4.949	0	%100
68	M71	Z	2.857	2.857	0	%100
69	M72	X	-1.417	-1.417	0	%100
70	M72	Z	.818	.818	0	%100
71	M75A	X	-.34	-.34	0	%100
72	M75A	Z	.196	.196	0	%100
73	M78A	X	-4.949	-4.949	0	%100
74	M78A	Z	2.857	2.857	0	%100
75	M79	X	-1.417	-1.417	0	%100
76	M79	Z	.818	.818	0	%100
77	M88	X	-2.499	-2.499	0	%100
78	M88	Z	1.443	1.443	0	%100
79	M89A	X	-2.499	-2.499	0	%100
80	M89A	Z	1.443	1.443	0	%100
81	M90	X	-9.996	-9.996	0	%100
82	M90	Z	5.771	5.771	0	%100
83	M105	X	-2.132	-2.132	0	%100
84	M105	Z	1.231	1.231	0	%100
85	M112	X	-2.132	-2.132	0	%100
86	M112	Z	1.231	1.231	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
87	M119	X	-8.526	-8.526	0	%100
88	M119	Z	4.923	4.923	0	%100
89	MP2B	X	-8.605	-8.605	0	%100
90	MP2B	Z	4.968	4.968	0	%100
91	MP3B	X	-8.605	-8.605	0	%100
92	MP3B	Z	4.968	4.968	0	%100
93	MP2A	X	-8.605	-8.605	0	%100
94	MP2A	Z	4.968	4.968	0	%100
95	MP3A	X	-8.605	-8.605	0	%100
96	MP3A	Z	4.968	4.968	0	%100
97	MP4A	X	-10.417	-10.417	0	%100
98	MP4A	Z	6.014	6.014	0	%100
99	MP4C	X	-10.417	-10.417	0	%100
100	MP4C	Z	6.014	6.014	0	%100
101	MP4B	X	-10.417	-10.417	0	%100
102	MP4B	Z	6.014	6.014	0	%100
103	M139	X	-21.087	-21.087	0	%100
104	M139	Z	12.175	12.175	0	%100
105	M140	X	0	0	0	%100
106	M140	Z	0	0	0	%100
107	M141	X	-12.077	-12.077	0	%100
108	M141	Z	6.973	6.973	0	%100
109	M142	X	-12.077	-12.077	0	%100
110	M142	Z	6.973	6.973	0	%100
111	M143	X	0	0	0	%100
112	M143	Z	0	0	0	%100
113	M144	X	0	0	0	%100
114	M144	Z	0	0	0	%100
115	M145	X	0	0	0	%100
116	M145	Z	0	0	0	%100
117	M146	X	0	0	0	%100
118	M146	Z	0	0	0	%100
119	M147	X	0	0	0	%100
120	M147	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	-20.831	-20.831	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	-20.831	-20.831	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	-20.831	-20.831	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	-20.831	-20.831	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	0	0	0	%100
15	M8	X	-20.587	-20.587	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	-20.587	-20.587	0	%100
18	M9	Z	0	0	0	%100
19	M13	X	-1.177	-1.177	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
20	M13	Z	0	0	0	%100
21	M14A	X	-1.177	-1.177	0	%100
22	M14A	Z	0	0	0	%100
23	M18	X	0	0	0	%100
24	M18	Z	0	0	0	%100
25	M22	X	-7.62	-7.62	0	%100
26	M22	Z	0	0	0	%100
27	M23	X	-1.905	-1.905	0	%100
28	M23	Z	0	0	0	%100
29	M24	X	-1.905	-1.905	0	%100
30	M24	Z	0	0	0	%100
31	M74	X	0	0	0	%100
32	M74	Z	0	0	0	%100
33	M80	X	-4.91	-4.91	0	%100
34	M80	Z	0	0	0	%100
35	M86	X	-4.91	-4.91	0	%100
36	M86	Z	0	0	0	%100
37	MP5A	X	-9.936	-9.936	0	%100
38	MP5A	Z	0	0	0	%100
39	MP1A	X	-9.936	-9.936	0	%100
40	MP1A	Z	0	0	0	%100
41	MP2C	X	-9.936	-9.936	0	%100
42	MP2C	Z	0	0	0	%100
43	MP5C	X	-9.936	-9.936	0	%100
44	MP5C	Z	0	0	0	%100
45	MP1C	X	-9.936	-9.936	0	%100
46	MP1C	Z	0	0	0	%100
47	MP5B	X	-9.936	-9.936	0	%100
48	MP5B	Z	0	0	0	%100
49	MP1B	X	-9.936	-9.936	0	%100
50	MP1B	Z	0	0	0	%100
51	M77A	X	-7.452	-7.452	0	%100
52	M77A	Z	0	0	0	%100
53	M77B	X	-7.452	-7.452	0	%100
54	M77B	Z	0	0	0	%100
55	M78	X	0	0	0	%100
56	M78	Z	0	0	0	%100
57	MP3C	X	-9.936	-9.936	0	%100
58	MP3C	Z	0	0	0	%100
59	M61	X	-1.177	-1.177	0	%100
60	M61	Z	0	0	0	%100
61	M64	X	-1.905	-1.905	0	%100
62	M64	Z	0	0	0	%100
63	M65	X	-4.91	-4.91	0	%100
64	M65	Z	0	0	0	%100
65	M68	X	-1.177	-1.177	0	%100
66	M68	Z	0	0	0	%100
67	M71	X	-1.905	-1.905	0	%100
68	M71	Z	0	0	0	%100
69	M72	X	-4.91	-4.91	0	%100
70	M72	Z	0	0	0	%100
71	M75A	X	0	0	0	%100
72	M75A	Z	0	0	0	%100
73	M78A	X	-7.62	-7.62	0	%100
74	M78A	Z	0	0	0	%100
75	M79	X	0	0	0	%100
76	M79	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
77	M88	X	-8.656	-8.656	0	%100
78	M88	Z	0	0	0	%100
79	M89A	X	0	0	0	%100
80	M89A	Z	0	0	0	%100
81	M90	X	-8.656	-8.656	0	%100
82	M90	Z	0	0	0	%100
83	M105	X	-7.384	-7.384	0	%100
84	M105	Z	0	0	0	%100
85	M112	X	0	0	0	%100
86	M112	Z	0	0	0	%100
87	M119	X	-7.384	-7.384	0	%100
88	M119	Z	0	0	0	%100
89	MP2B	X	-9.936	-9.936	0	%100
90	MP2B	Z	0	0	0	%100
91	MP3B	X	-9.936	-9.936	0	%100
92	MP3B	Z	0	0	0	%100
93	MP2A	X	-9.936	-9.936	0	%100
94	MP2A	Z	0	0	0	%100
95	MP3A	X	-9.936	-9.936	0	%100
96	MP3A	Z	0	0	0	%100
97	MP4A	X	-12.028	-12.028	0	%100
98	MP4A	Z	0	0	0	%100
99	MP4C	X	-12.028	-12.028	0	%100
100	MP4C	Z	0	0	0	%100
101	MP4B	X	-12.028	-12.028	0	%100
102	MP4B	Z	0	0	0	%100
103	M139	X	-18.262	-18.262	0	%100
104	M139	Z	0	0	0	%100
105	M140	X	-2.702	-2.702	0	%100
106	M140	Z	0	0	0	%100
107	M141	X	-13.946	-13.946	0	%100
108	M141	Z	0	0	0	%100
109	M142	X	-13.946	-13.946	0	%100
110	M142	Z	0	0	0	%100
111	M143	X	-.731	-.731	0	%100
112	M143	Z	0	0	0	%100
113	M144	X	-.731	-.731	0	%100
114	M144	Z	0	0	0	%100
115	M145	X	-.731	-.731	0	%100
116	M145	Z	0	0	0	%100
117	M146	X	-.731	-.731	0	%100
118	M146	Z	0	0	0	%100
119	M147	X	-.731	-.731	0	%100
120	M147	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-6.013	-6.013	0	%100
2	M1	Z	-3.472	-3.472	0	%100
3	M2	X	-6.013	-6.013	0	%100
4	M2	Z	-3.472	-3.472	0	%100
5	M3	X	-6.013	-6.013	0	%100
6	M3	Z	-3.472	-3.472	0	%100
7	M4	X	-6.013	-6.013	0	%100
8	M4	Z	-3.472	-3.472	0	%100
9	M5	X	-24.054	-24.054	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
10	M5	Z	-13.888	-13.888	0	%100
11	M6	X	-24.054	-24.054	0	%100
12	M6	Z	-13.888	-13.888	0	%100
13	M7	X	-5.943	-5.943	0	%100
14	M7	Z	-3.431	-3.431	0	%100
15	M8	X	-5.943	-5.943	0	%100
16	M8	Z	-3.431	-3.431	0	%100
17	M9	X	-23.772	-23.772	0	%100
18	M9	Z	-13.725	-13.725	0	%100
19	M13	X	-.34	-.34	0	%100
20	M13	Z	-.196	-.196	0	%100
21	M14A	X	-1.359	-1.359	0	%100
22	M14A	Z	-.784	-.784	0	%100
23	M18	X	-.34	-.34	0	%100
24	M18	Z	-.196	-.196	0	%100
25	M22	X	-4.949	-4.949	0	%100
26	M22	Z	-2.857	-2.857	0	%100
27	M23	X	-4.949	-4.949	0	%100
28	M23	Z	-2.857	-2.857	0	%100
29	M24	X	0	0	0	%100
30	M24	Z	0	0	0	%100
31	M74	X	-1.417	-1.417	0	%100
32	M74	Z	-.818	-.818	0	%100
33	M80	X	-1.417	-1.417	0	%100
34	M80	Z	-.818	-.818	0	%100
35	M86	X	-5.67	-5.67	0	%100
36	M86	Z	-3.273	-3.273	0	%100
37	MP5A	X	-8.605	-8.605	0	%100
38	MP5A	Z	-4.968	-4.968	0	%100
39	MP1A	X	-8.605	-8.605	0	%100
40	MP1A	Z	-4.968	-4.968	0	%100
41	MP2C	X	-8.605	-8.605	0	%100
42	MP2C	Z	-4.968	-4.968	0	%100
43	MP5C	X	-8.605	-8.605	0	%100
44	MP5C	Z	-4.968	-4.968	0	%100
45	MP1C	X	-8.605	-8.605	0	%100
46	MP1C	Z	-4.968	-4.968	0	%100
47	MP5B	X	-8.605	-8.605	0	%100
48	MP5B	Z	-4.968	-4.968	0	%100
49	MP1B	X	-8.605	-8.605	0	%100
50	MP1B	Z	-4.968	-4.968	0	%100
51	M77A	X	-2.151	-2.151	0	%100
52	M77A	Z	-1.242	-1.242	0	%100
53	M77B	X	-8.605	-8.605	0	%100
54	M77B	Z	-4.968	-4.968	0	%100
55	M78	X	-2.151	-2.151	0	%100
56	M78	Z	-1.242	-1.242	0	%100
57	MP3C	X	-8.605	-8.605	0	%100
58	MP3C	Z	-4.968	-4.968	0	%100
59	M61	X	-.34	-.34	0	%100
60	M61	Z	-.196	-.196	0	%100
61	M64	X	-4.949	-4.949	0	%100
62	M64	Z	-2.857	-2.857	0	%100
63	M65	X	-1.417	-1.417	0	%100
64	M65	Z	-.818	-.818	0	%100
65	M68	X	-1.359	-1.359	0	%100
66	M68	Z	-.784	-.784	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
67	M71	X	0	0	0	%100
68	M71	Z	0	0	0	%100
69	M72	X	-5.67	-5.67	0	%100
70	M72	Z	-3.273	-3.273	0	%100
71	M75A	X	-.34	-.34	0	%100
72	M75A	Z	-.196	-.196	0	%100
73	M78A	X	-4.949	-4.949	0	%100
74	M78A	Z	-2.857	-2.857	0	%100
75	M79	X	-1.417	-1.417	0	%100
76	M79	Z	-.818	-.818	0	%100
77	M88	X	-9.996	-9.996	0	%100
78	M88	Z	-5.771	-5.771	0	%100
79	M89A	X	-2.499	-2.499	0	%100
80	M89A	Z	-1.443	-1.443	0	%100
81	M90	X	-2.499	-2.499	0	%100
82	M90	Z	-1.443	-1.443	0	%100
83	M105	X	-8.526	-8.526	0	%100
84	M105	Z	-4.923	-4.923	0	%100
85	M112	X	-2.132	-2.132	0	%100
86	M112	Z	-1.231	-1.231	0	%100
87	M119	X	-2.132	-2.132	0	%100
88	M119	Z	-1.231	-1.231	0	%100
89	MP2B	X	-8.605	-8.605	0	%100
90	MP2B	Z	-4.968	-4.968	0	%100
91	MP3B	X	-8.605	-8.605	0	%100
92	MP3B	Z	-4.968	-4.968	0	%100
93	MP2A	X	-8.605	-8.605	0	%100
94	MP2A	Z	-4.968	-4.968	0	%100
95	MP3A	X	-8.605	-8.605	0	%100
96	MP3A	Z	-4.968	-4.968	0	%100
97	MP4A	X	-10.417	-10.417	0	%100
98	MP4A	Z	-6.014	-6.014	0	%100
99	MP4C	X	-10.417	-10.417	0	%100
100	MP4C	Z	-6.014	-6.014	0	%100
101	MP4B	X	-10.417	-10.417	0	%100
102	MP4B	Z	-6.014	-6.014	0	%100
103	M139	X	-5.272	-5.272	0	%100
104	M139	Z	-3.044	-3.044	0	%100
105	M140	X	-7.02	-7.02	0	%100
106	M140	Z	-4.053	-4.053	0	%100
107	M141	X	-12.077	-12.077	0	%100
108	M141	Z	-6.973	-6.973	0	%100
109	M142	X	-12.077	-12.077	0	%100
110	M142	Z	-6.973	-6.973	0	%100
111	M143	X	-1.9	-1.9	0	%100
112	M143	Z	-1.097	-1.097	0	%100
113	M144	X	-1.9	-1.9	0	%100
114	M144	Z	-1.097	-1.097	0	%100
115	M145	X	-1.9	-1.9	0	%100
116	M145	Z	-1.097	-1.097	0	%100
117	M146	X	-1.9	-1.9	0	%100
118	M146	Z	-1.097	-1.097	0	%100
119	M147	X	-1.9	-1.9	0	%100
120	M147	Z	-1.097	-1.097	0	%100

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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-10.416	-10.416	0	%100
2	M1	Z	-18.04	-18.04	0	%100
3	M2	X	-10.416	-10.416	0	%100
4	M2	Z	-18.04	-18.04	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	-10.416	-10.416	0	%100
10	M5	Z	-18.04	-18.04	0	%100
11	M6	X	-10.416	-10.416	0	%100
12	M6	Z	-18.04	-18.04	0	%100
13	M7	X	-10.294	-10.294	0	%100
14	M7	Z	-17.829	-17.829	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	-10.294	-10.294	0	%100
18	M9	Z	-17.829	-17.829	0	%100
19	M13	X	0	0	0	%100
20	M13	Z	0	0	0	%100
21	M14A	X	-.588	-.588	0	%100
22	M14A	Z	-1.019	-1.019	0	%100
23	M18	X	-.588	-.588	0	%100
24	M18	Z	-1.019	-1.019	0	%100
25	M22	X	-.952	-.952	0	%100
26	M22	Z	-1.65	-1.65	0	%100
27	M23	X	-3.81	-3.81	0	%100
28	M23	Z	-6.599	-6.599	0	%100
29	M24	X	-.952	-.952	0	%100
30	M24	Z	-1.65	-1.65	0	%100
31	M74	X	-2.455	-2.455	0	%100
32	M74	Z	-4.252	-4.252	0	%100
33	M80	X	0	0	0	%100
34	M80	Z	0	0	0	%100
35	M86	X	-2.455	-2.455	0	%100
36	M86	Z	-4.252	-4.252	0	%100
37	MP5A	X	-4.968	-4.968	0	%100
38	MP5A	Z	-8.605	-8.605	0	%100
39	MP1A	X	-4.968	-4.968	0	%100
40	MP1A	Z	-8.605	-8.605	0	%100
41	MP2C	X	-4.968	-4.968	0	%100
42	MP2C	Z	-8.605	-8.605	0	%100
43	MP5C	X	-4.968	-4.968	0	%100
44	MP5C	Z	-8.605	-8.605	0	%100
45	MP1C	X	-4.968	-4.968	0	%100
46	MP1C	Z	-8.605	-8.605	0	%100
47	MP5B	X	-4.968	-4.968	0	%100
48	MP5B	Z	-8.605	-8.605	0	%100
49	MP1B	X	-4.968	-4.968	0	%100
50	MP1B	Z	-8.605	-8.605	0	%100
51	M77A	X	0	0	0	%100
52	M77A	Z	0	0	0	%100
53	M77B	X	-3.726	-3.726	0	%100
54	M77B	Z	-6.454	-6.454	0	%100
55	M78	X	-3.726	-3.726	0	%100
56	M78	Z	-6.454	-6.454	0	%100
57	MP3C	X	-4.968	-4.968	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	MP3C	Z	-8.605	-8.605	0	%100
59	M61	X	0	0	0	%100
60	M61	Z	0	0	0	%100
61	M64	X	-3.81	-3.81	0	%100
62	M64	Z	-6.599	-6.599	0	%100
63	M65	X	0	0	0	%100
64	M65	Z	0	0	0	%100
65	M68	X	-.588	-.588	0	%100
66	M68	Z	-1.019	-1.019	0	%100
67	M71	X	-.952	-.952	0	%100
68	M71	Z	-1.65	-1.65	0	%100
69	M72	X	-2.455	-2.455	0	%100
70	M72	Z	-4.252	-4.252	0	%100
71	M75A	X	-.588	-.588	0	%100
72	M75A	Z	-1.019	-1.019	0	%100
73	M78A	X	-.952	-.952	0	%100
74	M78A	Z	-1.65	-1.65	0	%100
75	M79	X	-2.455	-2.455	0	%100
76	M79	Z	-4.252	-4.252	0	%100
77	M88	X	-4.328	-4.328	0	%100
78	M88	Z	-7.497	-7.497	0	%100
79	M89A	X	-4.328	-4.328	0	%100
80	M89A	Z	-7.497	-7.497	0	%100
81	M90	X	0	0	0	%100
82	M90	Z	0	0	0	%100
83	M105	X	-3.692	-3.692	0	%100
84	M105	Z	-6.395	-6.395	0	%100
85	M112	X	-3.692	-3.692	0	%100
86	M112	Z	-6.395	-6.395	0	%100
87	M119	X	0	0	0	%100
88	M119	Z	0	0	0	%100
89	MP2B	X	-4.968	-4.968	0	%100
90	MP2B	Z	-8.605	-8.605	0	%100
91	MP3B	X	-4.968	-4.968	0	%100
92	MP3B	Z	-8.605	-8.605	0	%100
93	MP2A	X	-4.968	-4.968	0	%100
94	MP2A	Z	-8.605	-8.605	0	%100
95	MP3A	X	-4.968	-4.968	0	%100
96	MP3A	Z	-8.605	-8.605	0	%100
97	MP4A	X	-6.014	-6.014	0	%100
98	MP4A	Z	-10.417	-10.417	0	%100
99	MP4C	X	-6.014	-6.014	0	%100
100	MP4C	Z	-10.417	-10.417	0	%100
101	MP4B	X	-6.014	-6.014	0	%100
102	MP4B	Z	-10.417	-10.417	0	%100
103	M139	X	0	0	0	%100
104	M139	Z	0	0	0	%100
105	M140	X	-5.404	-5.404	0	%100
106	M140	Z	-9.36	-9.36	0	%100
107	M141	X	-6.973	-6.973	0	%100
108	M141	Z	-12.077	-12.077	0	%100
109	M142	X	-6.973	-6.973	0	%100
110	M142	Z	-12.077	-12.077	0	%100
111	M143	X	-1.462	-1.462	0	%100
112	M143	Z	-2.533	-2.533	0	%100
113	M144	X	-1.462	-1.462	0	%100
114	M144	Z	-2.533	-2.533	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
115	M145	X	-1.462	-1.462	0	%100
116	M145	Z	-2.533	-2.533	0	%100
117	M146	X	-1.462	-1.462	0	%100
118	M146	Z	-2.533	-2.533	0	%100
119	M147	X	-1.462	-1.462	0	%100
120	M147	Z	-2.533	-2.533	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	-7.006	-7.006	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	-7.006	-7.006	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	-1.751	-1.751	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	-1.751	-1.751	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	-1.751	-1.751	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	-1.751	-1.751	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	-6.945	-6.945	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	-1.736	-1.736	0	%100
17	M9	X	0	0	0	%100
18	M9	Z	-1.736	-1.736	0	%100
19	M13	X	0	0	0	%100
20	M13	Z	-.349	-.349	0	%100
21	M14A	X	0	0	0	%100
22	M14A	Z	-.349	-.349	0	%100
23	M18	X	0	0	0	%100
24	M18	Z	-1.398	-1.398	0	%100
25	M22	X	0	0	0	%100
26	M22	Z	0	0	0	%100
27	M23	X	0	0	0	%100
28	M23	Z	-1.999	-1.999	0	%100
29	M24	X	0	0	0	%100
30	M24	Z	-1.999	-1.999	0	%100
31	M74	X	0	0	0	%100
32	M74	Z	-2.466	-2.466	0	%100
33	M80	X	0	0	0	%100
34	M80	Z	-.617	-.617	0	%100
35	M86	X	0	0	0	%100
36	M86	Z	-.617	-.617	0	%100
37	MP5A	X	0	0	0	%100
38	MP5A	Z	-3.692	-3.692	0	%100
39	MP1A	X	0	0	0	%100
40	MP1A	Z	-3.692	-3.692	0	%100
41	MP2C	X	0	0	0	%100
42	MP2C	Z	-3.692	-3.692	0	%100
43	MP5C	X	0	0	0	%100
44	MP5C	Z	-3.692	-3.692	0	%100
45	MP1C	X	0	0	0	%100
46	MP1C	Z	-3.692	-3.692	0	%100
47	MP5B	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
48	MP5B	Z	-3.692	-3.692	0	%100
49	MP1B	X	0	0	0	%100
50	MP1B	Z	-3.692	-3.692	0	%100
51	M77A	X	0	0	0	%100
52	M77A	Z	-.923	-.923	0	%100
53	M77B	X	0	0	0	%100
54	M77B	Z	-.923	-.923	0	%100
55	M78	X	0	0	0	%100
56	M78	Z	-3.692	-3.692	0	%100
57	MP3C	X	0	0	0	%100
58	MP3C	Z	-3.692	-3.692	0	%100
59	M61	X	0	0	0	%100
60	M61	Z	-.349	-.349	0	%100
61	M64	X	0	0	0	%100
62	M64	Z	-1.999	-1.999	0	%100
63	M65	X	0	0	0	%100
64	M65	Z	-.617	-.617	0	%100
65	M68	X	0	0	0	%100
66	M68	Z	-.349	-.349	0	%100
67	M71	X	0	0	0	%100
68	M71	Z	-1.999	-1.999	0	%100
69	M72	X	0	0	0	%100
70	M72	Z	-.617	-.617	0	%100
71	M75A	X	0	0	0	%100
72	M75A	Z	-1.398	-1.398	0	%100
73	M78A	X	0	0	0	%100
74	M78A	Z	0	0	0	%100
75	M79	X	0	0	0	%100
76	M79	Z	-2.466	-2.466	0	%100
77	M88	X	0	0	0	%100
78	M88	Z	-.831	-.831	0	%100
79	M89A	X	0	0	0	%100
80	M89A	Z	-3.326	-3.326	0	%100
81	M90	X	0	0	0	%100
82	M90	Z	-.831	-.831	0	%100
83	M105	X	0	0	0	%100
84	M105	Z	-.914	-.914	0	%100
85	M112	X	0	0	0	%100
86	M112	Z	-3.658	-3.658	0	%100
87	M119	X	0	0	0	%100
88	M119	Z	-.914	-.914	0	%100
89	MP2B	X	0	0	0	%100
90	MP2B	Z	-3.692	-3.692	0	%100
91	MP3B	X	0	0	0	%100
92	MP3B	Z	-3.692	-3.692	0	%100
93	MP2A	X	0	0	0	%100
94	MP2A	Z	-3.692	-3.692	0	%100
95	MP3A	X	0	0	0	%100
96	MP3A	Z	-3.692	-3.692	0	%100
97	MP4A	X	0	0	0	%100
98	MP4A	Z	-4.08	-4.08	0	%100
99	MP4C	X	0	0	0	%100
100	MP4C	Z	-4.08	-4.08	0	%100
101	MP4B	X	0	0	0	%100
102	MP4B	Z	-4.08	-4.08	0	%100
103	M139	X	0	0	0	%100
104	M139	Z	-1.503	-1.503	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
105	M140	X	0	0	0	%100
106	M140	Z	-2.498	-2.498	0	%100
107	M141	X	0	0	0	%100
108	M141	Z	-4.436	-4.436	0	%100
109	M142	X	0	0	0	%100
110	M142	Z	-4.436	-4.436	0	%100
111	M143	X	0	0	0	%100
112	M143	Z	-1.324	-1.324	0	%100
113	M144	X	0	0	0	%100
114	M144	Z	-1.324	-1.324	0	%100
115	M145	X	0	0	0	%100
116	M145	Z	-1.324	-1.324	0	%100
117	M146	X	0	0	0	%100
118	M146	Z	-1.324	-1.324	0	%100
119	M147	X	0	0	0	%100
120	M147	Z	-1.324	-1.324	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	2.627	2.627	0	%100
2	M1	Z	-4.55	-4.55	0	%100
3	M2	X	2.627	2.627	0	%100
4	M2	Z	-4.55	-4.55	0	%100
5	M3	X	2.627	2.627	0	%100
6	M3	Z	-4.55	-4.55	0	%100
7	M4	X	2.627	2.627	0	%100
8	M4	Z	-4.55	-4.55	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	2.604	2.604	0	%100
14	M7	Z	-4.511	-4.511	0	%100
15	M8	X	2.604	2.604	0	%100
16	M8	Z	-4.511	-4.511	0	%100
17	M9	X	0	0	0	%100
18	M9	Z	0	0	0	%100
19	M13	X	.524	.524	0	%100
20	M13	Z	-.908	-.908	0	%100
21	M14A	X	0	0	0	%100
22	M14A	Z	0	0	0	%100
23	M18	X	.524	.524	0	%100
24	M18	Z	-.908	-.908	0	%100
25	M22	X	.333	.333	0	%100
26	M22	Z	-.577	-.577	0	%100
27	M23	X	.333	.333	0	%100
28	M23	Z	-.577	-.577	0	%100
29	M24	X	1.333	1.333	0	%100
30	M24	Z	-2.309	-2.309	0	%100
31	M74	X	.925	.925	0	%100
32	M74	Z	-1.602	-1.602	0	%100
33	M80	X	.925	.925	0	%100
34	M80	Z	-1.602	-1.602	0	%100
35	M86	X	0	0	0	%100
36	M86	Z	0	0	0	%100
37	MP5A	X	1.846	1.846	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
38	MP5A	Z	-3.197	-3.197	0	%100
39	MP1A	X	1.846	1.846	0	%100
40	MP1A	Z	-3.197	-3.197	0	%100
41	MP2C	X	1.846	1.846	0	%100
42	MP2C	Z	-3.197	-3.197	0	%100
43	MP5C	X	1.846	1.846	0	%100
44	MP5C	Z	-3.197	-3.197	0	%100
45	MP1C	X	1.846	1.846	0	%100
46	MP1C	Z	-3.197	-3.197	0	%100
47	MP5B	X	1.846	1.846	0	%100
48	MP5B	Z	-3.197	-3.197	0	%100
49	MP1B	X	1.846	1.846	0	%100
50	MP1B	Z	-3.197	-3.197	0	%100
51	M77A	X	1.384	1.384	0	%100
52	M77A	Z	-2.398	-2.398	0	%100
53	M77B	X	0	0	0	%100
54	M77B	Z	0	0	0	%100
55	M78	X	1.384	1.384	0	%100
56	M78	Z	-2.398	-2.398	0	%100
57	MP3C	X	1.846	1.846	0	%100
58	MP3C	Z	-3.197	-3.197	0	%100
59	M61	X	.524	.524	0	%100
60	M61	Z	-.908	-.908	0	%100
61	M64	X	.333	.333	0	%100
62	M64	Z	-.577	-.577	0	%100
63	M65	X	.925	.925	0	%100
64	M65	Z	-1.602	-1.602	0	%100
65	M68	X	0	0	0	%100
66	M68	Z	0	0	0	%100
67	M71	X	1.333	1.333	0	%100
68	M71	Z	-2.309	-2.309	0	%100
69	M72	X	0	0	0	%100
70	M72	Z	0	0	0	%100
71	M75A	X	.524	.524	0	%100
72	M75A	Z	-.908	-.908	0	%100
73	M78A	X	.333	.333	0	%100
74	M78A	Z	-.577	-.577	0	%100
75	M79	X	.925	.925	0	%100
76	M79	Z	-1.602	-1.602	0	%100
77	M88	X	0	0	0	%100
78	M88	Z	0	0	0	%100
79	M89A	X	1.247	1.247	0	%100
80	M89A	Z	-2.16	-2.16	0	%100
81	M90	X	1.247	1.247	0	%100
82	M90	Z	-2.16	-2.16	0	%100
83	M105	X	0	0	0	%100
84	M105	Z	0	0	0	%100
85	M112	X	1.372	1.372	0	%100
86	M112	Z	-2.376	-2.376	0	%100
87	M119	X	1.372	1.372	0	%100
88	M119	Z	-2.376	-2.376	0	%100
89	MP2B	X	1.846	1.846	0	%100
90	MP2B	Z	-3.197	-3.197	0	%100
91	MP3B	X	1.846	1.846	0	%100
92	MP3B	Z	-3.197	-3.197	0	%100
93	MP2A	X	1.846	1.846	0	%100
94	MP2A	Z	-3.197	-3.197	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
95	MP3A	X	1.846	1.846	0	%100
96	MP3A	Z	-3.197	-3.197	0	%100
97	MP4A	X	2.04	2.04	0	%100
98	MP4A	Z	-3.534	-3.534	0	%100
99	MP4C	X	2.04	2.04	0	%100
100	MP4C	Z	-3.534	-3.534	0	%100
101	MP4B	X	2.04	2.04	0	%100
102	MP4B	Z	-3.534	-3.534	0	%100
103	M139	X	2.255	2.255	0	%100
104	M139	Z	-3.906	-3.906	0	%100
105	M140	X	.416	.416	0	%100
106	M140	Z	-.721	-.721	0	%100
107	M141	X	2.218	2.218	0	%100
108	M141	Z	-3.842	-3.842	0	%100
109	M142	X	2.218	2.218	0	%100
110	M142	Z	-3.842	-3.842	0	%100
111	M143	X	.221	.221	0	%100
112	M143	Z	-.382	-.382	0	%100
113	M144	X	.221	.221	0	%100
114	M144	Z	-.382	-.382	0	%100
115	M145	X	.221	.221	0	%100
116	M145	Z	-.382	-.382	0	%100
117	M146	X	.221	.221	0	%100
118	M146	Z	-.382	-.382	0	%100
119	M147	X	.221	.221	0	%100
120	M147	Z	-.382	-.382	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	1.517	1.517	0	%100
2	M1	Z	-.876	-.876	0	%100
3	M2	X	1.517	1.517	0	%100
4	M2	Z	-.876	-.876	0	%100
5	M3	X	6.067	6.067	0	%100
6	M3	Z	-3.503	-3.503	0	%100
7	M4	X	6.067	6.067	0	%100
8	M4	Z	-3.503	-3.503	0	%100
9	M5	X	1.517	1.517	0	%100
10	M5	Z	-.876	-.876	0	%100
11	M6	X	1.517	1.517	0	%100
12	M6	Z	-.876	-.876	0	%100
13	M7	X	1.504	1.504	0	%100
14	M7	Z	-.868	-.868	0	%100
15	M8	X	6.015	6.015	0	%100
16	M8	Z	-3.473	-3.473	0	%100
17	M9	X	1.504	1.504	0	%100
18	M9	Z	-.868	-.868	0	%100
19	M13	X	1.21	1.21	0	%100
20	M13	Z	-.699	-.699	0	%100
21	M14A	X	.303	.303	0	%100
22	M14A	Z	-.175	-.175	0	%100
23	M18	X	.303	.303	0	%100
24	M18	Z	-.175	-.175	0	%100
25	M22	X	1.732	1.732	0	%100
26	M22	Z	-1	-1	0	%100
27	M23	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
28	M23	Z	0	0	0	%100
29	M24	X	1.732	1.732	0	%100
30	M24	Z	-1	-1	0	%100
31	M74	X	.534	.534	0	%100
32	M74	Z	-.308	-.308	0	%100
33	M80	X	2.136	2.136	0	%100
34	M80	Z	-1.233	-1.233	0	%100
35	M86	X	.534	.534	0	%100
36	M86	Z	-.308	-.308	0	%100
37	MP5A	X	3.197	3.197	0	%100
38	MP5A	Z	-1.846	-1.846	0	%100
39	MP1A	X	3.197	3.197	0	%100
40	MP1A	Z	-1.846	-1.846	0	%100
41	MP2C	X	3.197	3.197	0	%100
42	MP2C	Z	-1.846	-1.846	0	%100
43	MP5C	X	3.197	3.197	0	%100
44	MP5C	Z	-1.846	-1.846	0	%100
45	MP1C	X	3.197	3.197	0	%100
46	MP1C	Z	-1.846	-1.846	0	%100
47	MP5B	X	3.197	3.197	0	%100
48	MP5B	Z	-1.846	-1.846	0	%100
49	MP1B	X	3.197	3.197	0	%100
50	MP1B	Z	-1.846	-1.846	0	%100
51	M77A	X	3.197	3.197	0	%100
52	M77A	Z	-1.846	-1.846	0	%100
53	M77B	X	.799	.799	0	%100
54	M77B	Z	-.461	-.461	0	%100
55	M78	X	.799	.799	0	%100
56	M78	Z	-.461	-.461	0	%100
57	MP3C	X	3.197	3.197	0	%100
58	MP3C	Z	-1.846	-1.846	0	%100
59	M61	X	1.21	1.21	0	%100
60	M61	Z	-.699	-.699	0	%100
61	M64	X	0	0	0	%100
62	M64	Z	0	0	0	%100
63	M65	X	2.136	2.136	0	%100
64	M65	Z	-1.233	-1.233	0	%100
65	M68	X	.303	.303	0	%100
66	M68	Z	-.175	-.175	0	%100
67	M71	X	1.732	1.732	0	%100
68	M71	Z	-1	-1	0	%100
69	M72	X	.534	.534	0	%100
70	M72	Z	-.308	-.308	0	%100
71	M75A	X	.303	.303	0	%100
72	M75A	Z	-.175	-.175	0	%100
73	M78A	X	1.732	1.732	0	%100
74	M78A	Z	-1	-1	0	%100
75	M79	X	.534	.534	0	%100
76	M79	Z	-.308	-.308	0	%100
77	M88	X	.72	.72	0	%100
78	M88	Z	-.416	-.416	0	%100
79	M89A	X	.72	.72	0	%100
80	M89A	Z	-.416	-.416	0	%100
81	M90	X	2.88	2.88	0	%100
82	M90	Z	-1.663	-1.663	0	%100
83	M105	X	.792	.792	0	%100
84	M105	Z	-.457	-.457	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
85	M112	X	.792	.792	0	%100
86	M112	Z	-.457	-.457	0	%100
87	M119	X	3.168	3.168	0	%100
88	M119	Z	-1.829	-1.829	0	%100
89	MP2B	X	3.197	3.197	0	%100
90	MP2B	Z	-1.846	-1.846	0	%100
91	MP3B	X	3.197	3.197	0	%100
92	MP3B	Z	-1.846	-1.846	0	%100
93	MP2A	X	3.197	3.197	0	%100
94	MP2A	Z	-1.846	-1.846	0	%100
95	MP3A	X	3.197	3.197	0	%100
96	MP3A	Z	-1.846	-1.846	0	%100
97	MP4A	X	3.534	3.534	0	%100
98	MP4A	Z	-2.04	-2.04	0	%100
99	MP4C	X	3.534	3.534	0	%100
100	MP4C	Z	-2.04	-2.04	0	%100
101	MP4B	X	3.534	3.534	0	%100
102	MP4B	Z	-2.04	-2.04	0	%100
103	M139	X	5.208	5.208	0	%100
104	M139	Z	-3.007	-3.007	0	%100
105	M140	X	0	0	0	%100
106	M140	Z	0	0	0	%100
107	M141	X	3.842	3.842	0	%100
108	M141	Z	-2.218	-2.218	0	%100
109	M142	X	3.842	3.842	0	%100
110	M142	Z	-2.218	-2.218	0	%100
111	M143	X	0	0	0	%100
112	M143	Z	0	0	0	%100
113	M144	X	0	0	0	%100
114	M144	Z	0	0	0	%100
115	M145	X	0	0	0	%100
116	M145	Z	0	0	0	%100
117	M146	X	0	0	0	%100
118	M146	Z	0	0	0	%100
119	M147	X	0	0	0	%100
120	M147	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	5.254	5.254	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	5.254	5.254	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	5.254	5.254	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	5.254	5.254	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	0	0	0	%100
15	M8	X	5.209	5.209	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	5.209	5.209	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
18	M9	Z	0	0	0	%100
19	M13	X	1.048	1.048	0	%100
20	M13	Z	0	0	0	%100
21	M14A	X	1.048	1.048	0	%100
22	M14A	Z	0	0	0	%100
23	M18	X	0	0	0	%100
24	M18	Z	0	0	0	%100
25	M22	X	2.666	2.666	0	%100
26	M22	Z	0	0	0	%100
27	M23	X	.666	.666	0	%100
28	M23	Z	0	0	0	%100
29	M24	X	.666	.666	0	%100
30	M24	Z	0	0	0	%100
31	M74	X	0	0	0	%100
32	M74	Z	0	0	0	%100
33	M80	X	1.85	1.85	0	%100
34	M80	Z	0	0	0	%100
35	M86	X	1.85	1.85	0	%100
36	M86	Z	0	0	0	%100
37	MP5A	X	3.692	3.692	0	%100
38	MP5A	Z	0	0	0	%100
39	MP1A	X	3.692	3.692	0	%100
40	MP1A	Z	0	0	0	%100
41	MP2C	X	3.692	3.692	0	%100
42	MP2C	Z	0	0	0	%100
43	MP5C	X	3.692	3.692	0	%100
44	MP5C	Z	0	0	0	%100
45	MP1C	X	3.692	3.692	0	%100
46	MP1C	Z	0	0	0	%100
47	MP5B	X	3.692	3.692	0	%100
48	MP5B	Z	0	0	0	%100
49	MP1B	X	3.692	3.692	0	%100
50	MP1B	Z	0	0	0	%100
51	M77A	X	2.769	2.769	0	%100
52	M77A	Z	0	0	0	%100
53	M77B	X	2.769	2.769	0	%100
54	M77B	Z	0	0	0	%100
55	M78	X	0	0	0	%100
56	M78	Z	0	0	0	%100
57	MP3C	X	3.692	3.692	0	%100
58	MP3C	Z	0	0	0	%100
59	M61	X	1.048	1.048	0	%100
60	M61	Z	0	0	0	%100
61	M64	X	.666	.666	0	%100
62	M64	Z	0	0	0	%100
63	M65	X	1.85	1.85	0	%100
64	M65	Z	0	0	0	%100
65	M68	X	1.048	1.048	0	%100
66	M68	Z	0	0	0	%100
67	M71	X	.666	.666	0	%100
68	M71	Z	0	0	0	%100
69	M72	X	1.85	1.85	0	%100
70	M72	Z	0	0	0	%100
71	M75A	X	0	0	0	%100
72	M75A	Z	0	0	0	%100
73	M78A	X	2.666	2.666	0	%100
74	M78A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
75	M79	X	0	0	0	%100
76	M79	Z	0	0	0	%100
77	M88	X	2.494	2.494	0	%100
78	M88	Z	0	0	0	%100
79	M89A	X	0	0	0	%100
80	M89A	Z	0	0	0	%100
81	M90	X	2.494	2.494	0	%100
82	M90	Z	0	0	0	%100
83	M105	X	2.743	2.743	0	%100
84	M105	Z	0	0	0	%100
85	M112	X	0	0	0	%100
86	M112	Z	0	0	0	%100
87	M119	X	2.743	2.743	0	%100
88	M119	Z	0	0	0	%100
89	MP2B	X	3.692	3.692	0	%100
90	MP2B	Z	0	0	0	%100
91	MP3B	X	3.692	3.692	0	%100
92	MP3B	Z	0	0	0	%100
93	MP2A	X	3.692	3.692	0	%100
94	MP2A	Z	0	0	0	%100
95	MP3A	X	3.692	3.692	0	%100
96	MP3A	Z	0	0	0	%100
97	MP4A	X	4.08	4.08	0	%100
98	MP4A	Z	0	0	0	%100
99	MP4C	X	4.08	4.08	0	%100
100	MP4C	Z	0	0	0	%100
101	MP4B	X	4.08	4.08	0	%100
102	MP4B	Z	0	0	0	%100
103	M139	X	4.51	4.51	0	%100
104	M139	Z	0	0	0	%100
105	M140	X	.833	.833	0	%100
106	M140	Z	0	0	0	%100
107	M141	X	4.436	4.436	0	%100
108	M141	Z	0	0	0	%100
109	M142	X	4.436	4.436	0	%100
110	M142	Z	0	0	0	%100
111	M143	X	.441	.441	0	%100
112	M143	Z	0	0	0	%100
113	M144	X	.441	.441	0	%100
114	M144	Z	0	0	0	%100
115	M145	X	.441	.441	0	%100
116	M145	Z	0	0	0	%100
117	M146	X	.441	.441	0	%100
118	M146	Z	0	0	0	%100
119	M147	X	.441	.441	0	%100
120	M147	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	1.517	1.517	0	%100
2	M1	Z	.876	.876	0	%100
3	M2	X	1.517	1.517	0	%100
4	M2	Z	.876	.876	0	%100
5	M3	X	1.517	1.517	0	%100
6	M3	Z	.876	.876	0	%100
7	M4	X	1.517	1.517	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
8	M4	Z	.876	.876	0	%100
9	M5	X	6.067	6.067	0	%100
10	M5	Z	3.503	3.503	0	%100
11	M6	X	6.067	6.067	0	%100
12	M6	Z	3.503	3.503	0	%100
13	M7	X	1.504	1.504	0	%100
14	M7	Z	.868	.868	0	%100
15	M8	X	1.504	1.504	0	%100
16	M8	Z	.868	.868	0	%100
17	M9	X	6.015	6.015	0	%100
18	M9	Z	3.473	3.473	0	%100
19	M13	X	.303	.303	0	%100
20	M13	Z	.175	.175	0	%100
21	M14A	X	1.21	1.21	0	%100
22	M14A	Z	.699	.699	0	%100
23	M18	X	.303	.303	0	%100
24	M18	Z	.175	.175	0	%100
25	M22	X	1.732	1.732	0	%100
26	M22	Z	1	1	0	%100
27	M23	X	1.732	1.732	0	%100
28	M23	Z	1	1	0	%100
29	M24	X	0	0	0	%100
30	M24	Z	0	0	0	%100
31	M74	X	.534	.534	0	%100
32	M74	Z	.308	.308	0	%100
33	M80	X	.534	.534	0	%100
34	M80	Z	.308	.308	0	%100
35	M86	X	2.136	2.136	0	%100
36	M86	Z	1.233	1.233	0	%100
37	MP5A	X	3.197	3.197	0	%100
38	MP5A	Z	1.846	1.846	0	%100
39	MP1A	X	3.197	3.197	0	%100
40	MP1A	Z	1.846	1.846	0	%100
41	MP2C	X	3.197	3.197	0	%100
42	MP2C	Z	1.846	1.846	0	%100
43	MP5C	X	3.197	3.197	0	%100
44	MP5C	Z	1.846	1.846	0	%100
45	MP1C	X	3.197	3.197	0	%100
46	MP1C	Z	1.846	1.846	0	%100
47	MP5B	X	3.197	3.197	0	%100
48	MP5B	Z	1.846	1.846	0	%100
49	MP1B	X	3.197	3.197	0	%100
50	MP1B	Z	1.846	1.846	0	%100
51	M77A	X	.799	.799	0	%100
52	M77A	Z	.461	.461	0	%100
53	M77B	X	3.197	3.197	0	%100
54	M77B	Z	1.846	1.846	0	%100
55	M78	X	.799	.799	0	%100
56	M78	Z	.461	.461	0	%100
57	MP3C	X	3.197	3.197	0	%100
58	MP3C	Z	1.846	1.846	0	%100
59	M61	X	.303	.303	0	%100
60	M61	Z	.175	.175	0	%100
61	M64	X	1.732	1.732	0	%100
62	M64	Z	1	1	0	%100
63	M65	X	.534	.534	0	%100
64	M65	Z	.308	.308	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
65	M68	X	1.21	1.21	0	%100
66	M68	Z	.699	.699	0	%100
67	M71	X	0	0	0	%100
68	M71	Z	0	0	0	%100
69	M72	X	2.136	2.136	0	%100
70	M72	Z	1.233	1.233	0	%100
71	M75A	X	.303	.303	0	%100
72	M75A	Z	.175	.175	0	%100
73	M78A	X	1.732	1.732	0	%100
74	M78A	Z	1	1	0	%100
75	M79	X	.534	.534	0	%100
76	M79	Z	.308	.308	0	%100
77	M88	X	2.88	2.88	0	%100
78	M88	Z	1.663	1.663	0	%100
79	M89A	X	.72	.72	0	%100
80	M89A	Z	.416	.416	0	%100
81	M90	X	.72	.72	0	%100
82	M90	Z	.416	.416	0	%100
83	M105	X	3.168	3.168	0	%100
84	M105	Z	1.829	1.829	0	%100
85	M112	X	.792	.792	0	%100
86	M112	Z	.457	.457	0	%100
87	M119	X	.792	.792	0	%100
88	M119	Z	.457	.457	0	%100
89	MP2B	X	3.197	3.197	0	%100
90	MP2B	Z	1.846	1.846	0	%100
91	MP3B	X	3.197	3.197	0	%100
92	MP3B	Z	1.846	1.846	0	%100
93	MP2A	X	3.197	3.197	0	%100
94	MP2A	Z	1.846	1.846	0	%100
95	MP3A	X	3.197	3.197	0	%100
96	MP3A	Z	1.846	1.846	0	%100
97	MP4A	X	3.534	3.534	0	%100
98	MP4A	Z	2.04	2.04	0	%100
99	MP4C	X	3.534	3.534	0	%100
100	MP4C	Z	2.04	2.04	0	%100
101	MP4B	X	3.534	3.534	0	%100
102	MP4B	Z	2.04	2.04	0	%100
103	M139	X	1.302	1.302	0	%100
104	M139	Z	.752	.752	0	%100
105	M140	X	2.163	2.163	0	%100
106	M140	Z	1.249	1.249	0	%100
107	M141	X	3.842	3.842	0	%100
108	M141	Z	2.218	2.218	0	%100
109	M142	X	3.842	3.842	0	%100
110	M142	Z	2.218	2.218	0	%100
111	M143	X	1.146	1.146	0	%100
112	M143	Z	.662	.662	0	%100
113	M144	X	1.146	1.146	0	%100
114	M144	Z	.662	.662	0	%100
115	M145	X	1.146	1.146	0	%100
116	M145	Z	.662	.662	0	%100
117	M146	X	1.146	1.146	0	%100
118	M146	Z	.662	.662	0	%100
119	M147	X	1.146	1.146	0	%100
120	M147	Z	.662	.662	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	2.627	2.627	0	%100
2	M1	Z	4.55	4.55	0	%100
3	M2	X	2.627	2.627	0	%100
4	M2	Z	4.55	4.55	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	2.627	2.627	0	%100
10	M5	Z	4.55	4.55	0	%100
11	M6	X	2.627	2.627	0	%100
12	M6	Z	4.55	4.55	0	%100
13	M7	X	2.604	2.604	0	%100
14	M7	Z	4.511	4.511	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	2.604	2.604	0	%100
18	M9	Z	4.511	4.511	0	%100
19	M13	X	0	0	0	%100
20	M13	Z	0	0	0	%100
21	M14A	X	.524	.524	0	%100
22	M14A	Z	.908	.908	0	%100
23	M18	X	.524	.524	0	%100
24	M18	Z	.908	.908	0	%100
25	M22	X	.333	.333	0	%100
26	M22	Z	.577	.577	0	%100
27	M23	X	1.333	1.333	0	%100
28	M23	Z	2.309	2.309	0	%100
29	M24	X	.333	.333	0	%100
30	M24	Z	.577	.577	0	%100
31	M74	X	.925	.925	0	%100
32	M74	Z	1.602	1.602	0	%100
33	M80	X	0	0	0	%100
34	M80	Z	0	0	0	%100
35	M86	X	.925	.925	0	%100
36	M86	Z	1.602	1.602	0	%100
37	MP5A	X	1.846	1.846	0	%100
38	MP5A	Z	3.197	3.197	0	%100
39	MP1A	X	1.846	1.846	0	%100
40	MP1A	Z	3.197	3.197	0	%100
41	MP2C	X	1.846	1.846	0	%100
42	MP2C	Z	3.197	3.197	0	%100
43	MP5C	X	1.846	1.846	0	%100
44	MP5C	Z	3.197	3.197	0	%100
45	MP1C	X	1.846	1.846	0	%100
46	MP1C	Z	3.197	3.197	0	%100
47	MP5B	X	1.846	1.846	0	%100
48	MP5B	Z	3.197	3.197	0	%100
49	MP1B	X	1.846	1.846	0	%100
50	MP1B	Z	3.197	3.197	0	%100
51	M77A	X	0	0	0	%100
52	M77A	Z	0	0	0	%100
53	M77B	X	1.384	1.384	0	%100
54	M77B	Z	2.398	2.398	0	%100
55	M78	X	1.384	1.384	0	%100
56	M78	Z	2.398	2.398	0	%100
57	MP3C	X	1.846	1.846	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	MP3C	Z	3.197	3.197	0	%100
59	M61	X	0	0	0	%100
60	M61	Z	0	0	0	%100
61	M64	X	1.333	1.333	0	%100
62	M64	Z	2.309	2.309	0	%100
63	M65	X	0	0	0	%100
64	M65	Z	0	0	0	%100
65	M68	X	.524	.524	0	%100
66	M68	Z	.908	.908	0	%100
67	M71	X	.333	.333	0	%100
68	M71	Z	.577	.577	0	%100
69	M72	X	.925	.925	0	%100
70	M72	Z	1.602	1.602	0	%100
71	M75A	X	.524	.524	0	%100
72	M75A	Z	.908	.908	0	%100
73	M78A	X	.333	.333	0	%100
74	M78A	Z	.577	.577	0	%100
75	M79	X	.925	.925	0	%100
76	M79	Z	1.602	1.602	0	%100
77	M88	X	1.247	1.247	0	%100
78	M88	Z	2.16	2.16	0	%100
79	M89A	X	1.247	1.247	0	%100
80	M89A	Z	2.16	2.16	0	%100
81	M90	X	0	0	0	%100
82	M90	Z	0	0	0	%100
83	M105	X	1.372	1.372	0	%100
84	M105	Z	2.376	2.376	0	%100
85	M112	X	1.372	1.372	0	%100
86	M112	Z	2.376	2.376	0	%100
87	M119	X	0	0	0	%100
88	M119	Z	0	0	0	%100
89	MP2B	X	1.846	1.846	0	%100
90	MP2B	Z	3.197	3.197	0	%100
91	MP3B	X	1.846	1.846	0	%100
92	MP3B	Z	3.197	3.197	0	%100
93	MP2A	X	1.846	1.846	0	%100
94	MP2A	Z	3.197	3.197	0	%100
95	MP3A	X	1.846	1.846	0	%100
96	MP3A	Z	3.197	3.197	0	%100
97	MP4A	X	2.04	2.04	0	%100
98	MP4A	Z	3.534	3.534	0	%100
99	MP4C	X	2.04	2.04	0	%100
100	MP4C	Z	3.534	3.534	0	%100
101	MP4B	X	2.04	2.04	0	%100
102	MP4B	Z	3.534	3.534	0	%100
103	M139	X	0	0	0	%100
104	M139	Z	0	0	0	%100
105	M140	X	1.665	1.665	0	%100
106	M140	Z	2.884	2.884	0	%100
107	M141	X	2.218	2.218	0	%100
108	M141	Z	3.842	3.842	0	%100
109	M142	X	2.218	2.218	0	%100
110	M142	Z	3.842	3.842	0	%100
111	M143	X	.882	.882	0	%100
112	M143	Z	1.528	1.528	0	%100
113	M144	X	.882	.882	0	%100
114	M144	Z	1.528	1.528	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
115	M145	X	.882	.882	0	%100
116	M145	Z	1.528	1.528	0	%100
117	M146	X	.882	.882	0	%100
118	M146	Z	1.528	1.528	0	%100
119	M147	X	.882	.882	0	%100
120	M147	Z	1.528	1.528	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	7.006	7.006	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	7.006	7.006	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	1.751	1.751	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	1.751	1.751	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	1.751	1.751	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	1.751	1.751	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	6.945	6.945	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	1.736	1.736	0	%100
17	M9	X	0	0	0	%100
18	M9	Z	1.736	1.736	0	%100
19	M13	X	0	0	0	%100
20	M13	Z	.349	.349	0	%100
21	M14A	X	0	0	0	%100
22	M14A	Z	.349	.349	0	%100
23	M18	X	0	0	0	%100
24	M18	Z	1.398	1.398	0	%100
25	M22	X	0	0	0	%100
26	M22	Z	0	0	0	%100
27	M23	X	0	0	0	%100
28	M23	Z	1.999	1.999	0	%100
29	M24	X	0	0	0	%100
30	M24	Z	1.999	1.999	0	%100
31	M74	X	0	0	0	%100
32	M74	Z	2.466	2.466	0	%100
33	M80	X	0	0	0	%100
34	M80	Z	.617	.617	0	%100
35	M86	X	0	0	0	%100
36	M86	Z	.617	.617	0	%100
37	MP5A	X	0	0	0	%100
38	MP5A	Z	3.692	3.692	0	%100
39	MP1A	X	0	0	0	%100
40	MP1A	Z	3.692	3.692	0	%100
41	MP2C	X	0	0	0	%100
42	MP2C	Z	3.692	3.692	0	%100
43	MP5C	X	0	0	0	%100
44	MP5C	Z	3.692	3.692	0	%100
45	MP1C	X	0	0	0	%100
46	MP1C	Z	3.692	3.692	0	%100
47	MP5B	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
48	MP5B	Z	3.692	3.692	0	%100
49	MP1B	X	0	0	0	%100
50	MP1B	Z	3.692	3.692	0	%100
51	M77A	X	0	0	0	%100
52	M77A	Z	.923	.923	0	%100
53	M77B	X	0	0	0	%100
54	M77B	Z	.923	.923	0	%100
55	M78	X	0	0	0	%100
56	M78	Z	3.692	3.692	0	%100
57	MP3C	X	0	0	0	%100
58	MP3C	Z	3.692	3.692	0	%100
59	M61	X	0	0	0	%100
60	M61	Z	.349	.349	0	%100
61	M64	X	0	0	0	%100
62	M64	Z	1.999	1.999	0	%100
63	M65	X	0	0	0	%100
64	M65	Z	.617	.617	0	%100
65	M68	X	0	0	0	%100
66	M68	Z	.349	.349	0	%100
67	M71	X	0	0	0	%100
68	M71	Z	1.999	1.999	0	%100
69	M72	X	0	0	0	%100
70	M72	Z	.617	.617	0	%100
71	M75A	X	0	0	0	%100
72	M75A	Z	1.398	1.398	0	%100
73	M78A	X	0	0	0	%100
74	M78A	Z	0	0	0	%100
75	M79	X	0	0	0	%100
76	M79	Z	2.466	2.466	0	%100
77	M88	X	0	0	0	%100
78	M88	Z	.831	.831	0	%100
79	M89A	X	0	0	0	%100
80	M89A	Z	3.326	3.326	0	%100
81	M90	X	0	0	0	%100
82	M90	Z	.831	.831	0	%100
83	M105	X	0	0	0	%100
84	M105	Z	.914	.914	0	%100
85	M112	X	0	0	0	%100
86	M112	Z	3.658	3.658	0	%100
87	M119	X	0	0	0	%100
88	M119	Z	.914	.914	0	%100
89	MP2B	X	0	0	0	%100
90	MP2B	Z	3.692	3.692	0	%100
91	MP3B	X	0	0	0	%100
92	MP3B	Z	3.692	3.692	0	%100
93	MP2A	X	0	0	0	%100
94	MP2A	Z	3.692	3.692	0	%100
95	MP3A	X	0	0	0	%100
96	MP3A	Z	3.692	3.692	0	%100
97	MP4A	X	0	0	0	%100
98	MP4A	Z	4.08	4.08	0	%100
99	MP4C	X	0	0	0	%100
100	MP4C	Z	4.08	4.08	0	%100
101	MP4B	X	0	0	0	%100
102	MP4B	Z	4.08	4.08	0	%100
103	M139	X	0	0	0	%100
104	M139	Z	1.503	1.503	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
105	M140	X	0	0	0	%100
106	M140	Z	2.498	2.498	0	%100
107	M141	X	0	0	0	%100
108	M141	Z	4.436	4.436	0	%100
109	M142	X	0	0	0	%100
110	M142	Z	4.436	4.436	0	%100
111	M143	X	0	0	0	%100
112	M143	Z	1.324	1.324	0	%100
113	M144	X	0	0	0	%100
114	M144	Z	1.324	1.324	0	%100
115	M145	X	0	0	0	%100
116	M145	Z	1.324	1.324	0	%100
117	M146	X	0	0	0	%100
118	M146	Z	1.324	1.324	0	%100
119	M147	X	0	0	0	%100
120	M147	Z	1.324	1.324	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-2.627	-2.627	0	%100
2	M1	Z	4.55	4.55	0	%100
3	M2	X	-2.627	-2.627	0	%100
4	M2	Z	4.55	4.55	0	%100
5	M3	X	-2.627	-2.627	0	%100
6	M3	Z	4.55	4.55	0	%100
7	M4	X	-2.627	-2.627	0	%100
8	M4	Z	4.55	4.55	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	-2.604	-2.604	0	%100
14	M7	Z	4.511	4.511	0	%100
15	M8	X	-2.604	-2.604	0	%100
16	M8	Z	4.511	4.511	0	%100
17	M9	X	0	0	0	%100
18	M9	Z	0	0	0	%100
19	M13	X	-.524	-.524	0	%100
20	M13	Z	.908	.908	0	%100
21	M14A	X	0	0	0	%100
22	M14A	Z	0	0	0	%100
23	M18	X	-.524	-.524	0	%100
24	M18	Z	.908	.908	0	%100
25	M22	X	-.333	-.333	0	%100
26	M22	Z	.577	.577	0	%100
27	M23	X	-.333	-.333	0	%100
28	M23	Z	.577	.577	0	%100
29	M24	X	-1.333	-1.333	0	%100
30	M24	Z	2.309	2.309	0	%100
31	M74	X	-.925	-.925	0	%100
32	M74	Z	1.602	1.602	0	%100
33	M80	X	-.925	-.925	0	%100
34	M80	Z	1.602	1.602	0	%100
35	M86	X	0	0	0	%100
36	M86	Z	0	0	0	%100
37	MP5A	X	-1.846	-1.846	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
38	MP5A	Z	3.197	3.197	0	%100
39	MP1A	X	-1.846	-1.846	0	%100
40	MP1A	Z	3.197	3.197	0	%100
41	MP2C	X	-1.846	-1.846	0	%100
42	MP2C	Z	3.197	3.197	0	%100
43	MP5C	X	-1.846	-1.846	0	%100
44	MP5C	Z	3.197	3.197	0	%100
45	MP1C	X	-1.846	-1.846	0	%100
46	MP1C	Z	3.197	3.197	0	%100
47	MP5B	X	-1.846	-1.846	0	%100
48	MP5B	Z	3.197	3.197	0	%100
49	MP1B	X	-1.846	-1.846	0	%100
50	MP1B	Z	3.197	3.197	0	%100
51	M77A	X	-1.384	-1.384	0	%100
52	M77A	Z	2.398	2.398	0	%100
53	M77B	X	0	0	0	%100
54	M77B	Z	0	0	0	%100
55	M78	X	-1.384	-1.384	0	%100
56	M78	Z	2.398	2.398	0	%100
57	MP3C	X	-1.846	-1.846	0	%100
58	MP3C	Z	3.197	3.197	0	%100
59	M61	X	-.524	-.524	0	%100
60	M61	Z	.908	.908	0	%100
61	M64	X	-.333	-.333	0	%100
62	M64	Z	.577	.577	0	%100
63	M65	X	-.925	-.925	0	%100
64	M65	Z	1.602	1.602	0	%100
65	M68	X	0	0	0	%100
66	M68	Z	0	0	0	%100
67	M71	X	-1.333	-1.333	0	%100
68	M71	Z	2.309	2.309	0	%100
69	M72	X	0	0	0	%100
70	M72	Z	0	0	0	%100
71	M75A	X	-.524	-.524	0	%100
72	M75A	Z	.908	.908	0	%100
73	M78A	X	-.333	-.333	0	%100
74	M78A	Z	.577	.577	0	%100
75	M79	X	-.925	-.925	0	%100
76	M79	Z	1.602	1.602	0	%100
77	M88	X	0	0	0	%100
78	M88	Z	0	0	0	%100
79	M89A	X	-1.247	-1.247	0	%100
80	M89A	Z	2.16	2.16	0	%100
81	M90	X	-1.247	-1.247	0	%100
82	M90	Z	2.16	2.16	0	%100
83	M105	X	0	0	0	%100
84	M105	Z	0	0	0	%100
85	M112	X	-1.372	-1.372	0	%100
86	M112	Z	2.376	2.376	0	%100
87	M119	X	-1.372	-1.372	0	%100
88	M119	Z	2.376	2.376	0	%100
89	MP2B	X	-1.846	-1.846	0	%100
90	MP2B	Z	3.197	3.197	0	%100
91	MP3B	X	-1.846	-1.846	0	%100
92	MP3B	Z	3.197	3.197	0	%100
93	MP2A	X	-1.846	-1.846	0	%100
94	MP2A	Z	3.197	3.197	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
95	MP3A	X	-1.846	-1.846	0	%100
96	MP3A	Z	3.197	3.197	0	%100
97	MP4A	X	-2.04	-2.04	0	%100
98	MP4A	Z	3.534	3.534	0	%100
99	MP4C	X	-2.04	-2.04	0	%100
100	MP4C	Z	3.534	3.534	0	%100
101	MP4B	X	-2.04	-2.04	0	%100
102	MP4B	Z	3.534	3.534	0	%100
103	M139	X	-2.255	-2.255	0	%100
104	M139	Z	3.906	3.906	0	%100
105	M140	X	-.416	-.416	0	%100
106	M140	Z	.721	.721	0	%100
107	M141	X	-2.218	-2.218	0	%100
108	M141	Z	3.842	3.842	0	%100
109	M142	X	-2.218	-2.218	0	%100
110	M142	Z	3.842	3.842	0	%100
111	M143	X	-.221	-.221	0	%100
112	M143	Z	.382	.382	0	%100
113	M144	X	-.221	-.221	0	%100
114	M144	Z	.382	.382	0	%100
115	M145	X	-.221	-.221	0	%100
116	M145	Z	.382	.382	0	%100
117	M146	X	-.221	-.221	0	%100
118	M146	Z	.382	.382	0	%100
119	M147	X	-.221	-.221	0	%100
120	M147	Z	.382	.382	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-1.517	-1.517	0	%100
2	M1	Z	.876	.876	0	%100
3	M2	X	-1.517	-1.517	0	%100
4	M2	Z	.876	.876	0	%100
5	M3	X	-6.067	-6.067	0	%100
6	M3	Z	3.503	3.503	0	%100
7	M4	X	-6.067	-6.067	0	%100
8	M4	Z	3.503	3.503	0	%100
9	M5	X	-1.517	-1.517	0	%100
10	M5	Z	.876	.876	0	%100
11	M6	X	-1.517	-1.517	0	%100
12	M6	Z	.876	.876	0	%100
13	M7	X	-1.504	-1.504	0	%100
14	M7	Z	.868	.868	0	%100
15	M8	X	-6.015	-6.015	0	%100
16	M8	Z	3.473	3.473	0	%100
17	M9	X	-1.504	-1.504	0	%100
18	M9	Z	.868	.868	0	%100
19	M13	X	-1.21	-1.21	0	%100
20	M13	Z	.699	.699	0	%100
21	M14A	X	-.303	-.303	0	%100
22	M14A	Z	.175	.175	0	%100
23	M18	X	-.303	-.303	0	%100
24	M18	Z	.175	.175	0	%100
25	M22	X	-1.732	-1.732	0	%100
26	M22	Z	1	1	0	%100
27	M23	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
28	M23	Z	0	0	0	%100
29	M24	X	-1.732	-1.732	0	%100
30	M24	Z	1	1	0	%100
31	M74	X	-.534	-.534	0	%100
32	M74	Z	.308	.308	0	%100
33	M80	X	-2.136	-2.136	0	%100
34	M80	Z	1.233	1.233	0	%100
35	M86	X	-.534	-.534	0	%100
36	M86	Z	.308	.308	0	%100
37	MP5A	X	-3.197	-3.197	0	%100
38	MP5A	Z	1.846	1.846	0	%100
39	MP1A	X	-3.197	-3.197	0	%100
40	MP1A	Z	1.846	1.846	0	%100
41	MP2C	X	-3.197	-3.197	0	%100
42	MP2C	Z	1.846	1.846	0	%100
43	MP5C	X	-3.197	-3.197	0	%100
44	MP5C	Z	1.846	1.846	0	%100
45	MP1C	X	-3.197	-3.197	0	%100
46	MP1C	Z	1.846	1.846	0	%100
47	MP5B	X	-3.197	-3.197	0	%100
48	MP5B	Z	1.846	1.846	0	%100
49	MP1B	X	-3.197	-3.197	0	%100
50	MP1B	Z	1.846	1.846	0	%100
51	M77A	X	-3.197	-3.197	0	%100
52	M77A	Z	1.846	1.846	0	%100
53	M77B	X	-.799	-.799	0	%100
54	M77B	Z	.461	.461	0	%100
55	M78	X	-.799	-.799	0	%100
56	M78	Z	.461	.461	0	%100
57	MP3C	X	-3.197	-3.197	0	%100
58	MP3C	Z	1.846	1.846	0	%100
59	M61	X	-1.21	-1.21	0	%100
60	M61	Z	.699	.699	0	%100
61	M64	X	0	0	0	%100
62	M64	Z	0	0	0	%100
63	M65	X	-2.136	-2.136	0	%100
64	M65	Z	1.233	1.233	0	%100
65	M68	X	-.303	-.303	0	%100
66	M68	Z	.175	.175	0	%100
67	M71	X	-1.732	-1.732	0	%100
68	M71	Z	1	1	0	%100
69	M72	X	-.534	-.534	0	%100
70	M72	Z	.308	.308	0	%100
71	M75A	X	-.303	-.303	0	%100
72	M75A	Z	.175	.175	0	%100
73	M78A	X	-1.732	-1.732	0	%100
74	M78A	Z	1	1	0	%100
75	M79	X	-.534	-.534	0	%100
76	M79	Z	.308	.308	0	%100
77	M88	X	-.72	-.72	0	%100
78	M88	Z	.416	.416	0	%100
79	M89A	X	-.72	-.72	0	%100
80	M89A	Z	.416	.416	0	%100
81	M90	X	-2.88	-2.88	0	%100
82	M90	Z	1.663	1.663	0	%100
83	M105	X	-.792	-.792	0	%100
84	M105	Z	.457	.457	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
85	M112	X	-.792	-.792	0	%100
86	M112	Z	.457	.457	0	%100
87	M119	X	-3.168	-3.168	0	%100
88	M119	Z	1.829	1.829	0	%100
89	MP2B	X	-3.197	-3.197	0	%100
90	MP2B	Z	1.846	1.846	0	%100
91	MP3B	X	-3.197	-3.197	0	%100
92	MP3B	Z	1.846	1.846	0	%100
93	MP2A	X	-3.197	-3.197	0	%100
94	MP2A	Z	1.846	1.846	0	%100
95	MP3A	X	-3.197	-3.197	0	%100
96	MP3A	Z	1.846	1.846	0	%100
97	MP4A	X	-3.534	-3.534	0	%100
98	MP4A	Z	2.04	2.04	0	%100
99	MP4C	X	-3.534	-3.534	0	%100
100	MP4C	Z	2.04	2.04	0	%100
101	MP4B	X	-3.534	-3.534	0	%100
102	MP4B	Z	2.04	2.04	0	%100
103	M139	X	-5.208	-5.208	0	%100
104	M139	Z	3.007	3.007	0	%100
105	M140	X	0	0	0	%100
106	M140	Z	0	0	0	%100
107	M141	X	-3.842	-3.842	0	%100
108	M141	Z	2.218	2.218	0	%100
109	M142	X	-3.842	-3.842	0	%100
110	M142	Z	2.218	2.218	0	%100
111	M143	X	0	0	0	%100
112	M143	Z	0	0	0	%100
113	M144	X	0	0	0	%100
114	M144	Z	0	0	0	%100
115	M145	X	0	0	0	%100
116	M145	Z	0	0	0	%100
117	M146	X	0	0	0	%100
118	M146	Z	0	0	0	%100
119	M147	X	0	0	0	%100
120	M147	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	-5.254	-5.254	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	-5.254	-5.254	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	-5.254	-5.254	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	-5.254	-5.254	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	0	0	0	%100
15	M8	X	-5.209	-5.209	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	-5.209	-5.209	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
18	M9	Z	0	0	0	%100
19	M13	X	-1.048	-1.048	0	%100
20	M13	Z	0	0	0	%100
21	M14A	X	-1.048	-1.048	0	%100
22	M14A	Z	0	0	0	%100
23	M18	X	0	0	0	%100
24	M18	Z	0	0	0	%100
25	M22	X	-2.666	-2.666	0	%100
26	M22	Z	0	0	0	%100
27	M23	X	-.666	-.666	0	%100
28	M23	Z	0	0	0	%100
29	M24	X	-.666	-.666	0	%100
30	M24	Z	0	0	0	%100
31	M74	X	0	0	0	%100
32	M74	Z	0	0	0	%100
33	M80	X	-1.85	-1.85	0	%100
34	M80	Z	0	0	0	%100
35	M86	X	-1.85	-1.85	0	%100
36	M86	Z	0	0	0	%100
37	MP5A	X	-3.692	-3.692	0	%100
38	MP5A	Z	0	0	0	%100
39	MP1A	X	-3.692	-3.692	0	%100
40	MP1A	Z	0	0	0	%100
41	MP2C	X	-3.692	-3.692	0	%100
42	MP2C	Z	0	0	0	%100
43	MP5C	X	-3.692	-3.692	0	%100
44	MP5C	Z	0	0	0	%100
45	MP1C	X	-3.692	-3.692	0	%100
46	MP1C	Z	0	0	0	%100
47	MP5B	X	-3.692	-3.692	0	%100
48	MP5B	Z	0	0	0	%100
49	MP1B	X	-3.692	-3.692	0	%100
50	MP1B	Z	0	0	0	%100
51	M77A	X	-2.769	-2.769	0	%100
52	M77A	Z	0	0	0	%100
53	M77B	X	-2.769	-2.769	0	%100
54	M77B	Z	0	0	0	%100
55	M78	X	0	0	0	%100
56	M78	Z	0	0	0	%100
57	MP3C	X	-3.692	-3.692	0	%100
58	MP3C	Z	0	0	0	%100
59	M61	X	-1.048	-1.048	0	%100
60	M61	Z	0	0	0	%100
61	M64	X	-.666	-.666	0	%100
62	M64	Z	0	0	0	%100
63	M65	X	-1.85	-1.85	0	%100
64	M65	Z	0	0	0	%100
65	M68	X	-1.048	-1.048	0	%100
66	M68	Z	0	0	0	%100
67	M71	X	-.666	-.666	0	%100
68	M71	Z	0	0	0	%100
69	M72	X	-1.85	-1.85	0	%100
70	M72	Z	0	0	0	%100
71	M75A	X	0	0	0	%100
72	M75A	Z	0	0	0	%100
73	M78A	X	-2.666	-2.666	0	%100
74	M78A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
75	M79	X	0	0	0	%100
76	M79	Z	0	0	0	%100
77	M88	X	-2.494	-2.494	0	%100
78	M88	Z	0	0	0	%100
79	M89A	X	0	0	0	%100
80	M89A	Z	0	0	0	%100
81	M90	X	-2.494	-2.494	0	%100
82	M90	Z	0	0	0	%100
83	M105	X	-2.743	-2.743	0	%100
84	M105	Z	0	0	0	%100
85	M112	X	0	0	0	%100
86	M112	Z	0	0	0	%100
87	M119	X	-2.743	-2.743	0	%100
88	M119	Z	0	0	0	%100
89	MP2B	X	-3.692	-3.692	0	%100
90	MP2B	Z	0	0	0	%100
91	MP3B	X	-3.692	-3.692	0	%100
92	MP3B	Z	0	0	0	%100
93	MP2A	X	-3.692	-3.692	0	%100
94	MP2A	Z	0	0	0	%100
95	MP3A	X	-3.692	-3.692	0	%100
96	MP3A	Z	0	0	0	%100
97	MP4A	X	-4.08	-4.08	0	%100
98	MP4A	Z	0	0	0	%100
99	MP4C	X	-4.08	-4.08	0	%100
100	MP4C	Z	0	0	0	%100
101	MP4B	X	-4.08	-4.08	0	%100
102	MP4B	Z	0	0	0	%100
103	M139	X	-4.51	-4.51	0	%100
104	M139	Z	0	0	0	%100
105	M140	X	-.833	-.833	0	%100
106	M140	Z	0	0	0	%100
107	M141	X	-4.436	-4.436	0	%100
108	M141	Z	0	0	0	%100
109	M142	X	-4.436	-4.436	0	%100
110	M142	Z	0	0	0	%100
111	M143	X	-.441	-.441	0	%100
112	M143	Z	0	0	0	%100
113	M144	X	-.441	-.441	0	%100
114	M144	Z	0	0	0	%100
115	M145	X	-.441	-.441	0	%100
116	M145	Z	0	0	0	%100
117	M146	X	-.441	-.441	0	%100
118	M146	Z	0	0	0	%100
119	M147	X	-.441	-.441	0	%100
120	M147	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-1.517	-1.517	0	%100
2	M1	Z	-.876	-.876	0	%100
3	M2	X	-1.517	-1.517	0	%100
4	M2	Z	-.876	-.876	0	%100
5	M3	X	-1.517	-1.517	0	%100
6	M3	Z	-.876	-.876	0	%100
7	M4	X	-1.517	-1.517	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
8	M4	Z	-.876	-.876	0	%100
9	M5	X	-6.067	-6.067	0	%100
10	M5	Z	-3.503	-3.503	0	%100
11	M6	X	-6.067	-6.067	0	%100
12	M6	Z	-3.503	-3.503	0	%100
13	M7	X	-1.504	-1.504	0	%100
14	M7	Z	-.868	-.868	0	%100
15	M8	X	-1.504	-1.504	0	%100
16	M8	Z	-.868	-.868	0	%100
17	M9	X	-6.015	-6.015	0	%100
18	M9	Z	-3.473	-3.473	0	%100
19	M13	X	-.303	-.303	0	%100
20	M13	Z	-.175	-.175	0	%100
21	M14A	X	-1.21	-1.21	0	%100
22	M14A	Z	-.699	-.699	0	%100
23	M18	X	-.303	-.303	0	%100
24	M18	Z	-.175	-.175	0	%100
25	M22	X	-1.732	-1.732	0	%100
26	M22	Z	-1	-1	0	%100
27	M23	X	-1.732	-1.732	0	%100
28	M23	Z	-1	-1	0	%100
29	M24	X	0	0	0	%100
30	M24	Z	0	0	0	%100
31	M74	X	-.534	-.534	0	%100
32	M74	Z	-.308	-.308	0	%100
33	M80	X	-.534	-.534	0	%100
34	M80	Z	-.308	-.308	0	%100
35	M86	X	-2.136	-2.136	0	%100
36	M86	Z	-1.233	-1.233	0	%100
37	MP5A	X	-3.197	-3.197	0	%100
38	MP5A	Z	-1.846	-1.846	0	%100
39	MP1A	X	-3.197	-3.197	0	%100
40	MP1A	Z	-1.846	-1.846	0	%100
41	MP2C	X	-3.197	-3.197	0	%100
42	MP2C	Z	-1.846	-1.846	0	%100
43	MP5C	X	-3.197	-3.197	0	%100
44	MP5C	Z	-1.846	-1.846	0	%100
45	MP1C	X	-3.197	-3.197	0	%100
46	MP1C	Z	-1.846	-1.846	0	%100
47	MP5B	X	-3.197	-3.197	0	%100
48	MP5B	Z	-1.846	-1.846	0	%100
49	MP1B	X	-3.197	-3.197	0	%100
50	MP1B	Z	-1.846	-1.846	0	%100
51	M77A	X	-.799	-.799	0	%100
52	M77A	Z	-.461	-.461	0	%100
53	M77B	X	-3.197	-3.197	0	%100
54	M77B	Z	-1.846	-1.846	0	%100
55	M78	X	-.799	-.799	0	%100
56	M78	Z	-.461	-.461	0	%100
57	MP3C	X	-3.197	-3.197	0	%100
58	MP3C	Z	-1.846	-1.846	0	%100
59	M61	X	-.303	-.303	0	%100
60	M61	Z	-.175	-.175	0	%100
61	M64	X	-1.732	-1.732	0	%100
62	M64	Z	-1	-1	0	%100
63	M65	X	-.534	-.534	0	%100
64	M65	Z	-.308	-.308	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
65	M68	X	-1.21	-1.21	0	%100
66	M68	Z	-.699	-.699	0	%100
67	M71	X	0	0	0	%100
68	M71	Z	0	0	0	%100
69	M72	X	-2.136	-2.136	0	%100
70	M72	Z	-1.233	-1.233	0	%100
71	M75A	X	-.303	-.303	0	%100
72	M75A	Z	-.175	-.175	0	%100
73	M78A	X	-1.732	-1.732	0	%100
74	M78A	Z	-1	-1	0	%100
75	M79	X	-.534	-.534	0	%100
76	M79	Z	-.308	-.308	0	%100
77	M88	X	-2.88	-2.88	0	%100
78	M88	Z	-1.663	-1.663	0	%100
79	M89A	X	-.72	-.72	0	%100
80	M89A	Z	-.416	-.416	0	%100
81	M90	X	-.72	-.72	0	%100
82	M90	Z	-.416	-.416	0	%100
83	M105	X	-3.168	-3.168	0	%100
84	M105	Z	-1.829	-1.829	0	%100
85	M112	X	-.792	-.792	0	%100
86	M112	Z	-.457	-.457	0	%100
87	M119	X	-.792	-.792	0	%100
88	M119	Z	-.457	-.457	0	%100
89	MP2B	X	-3.197	-3.197	0	%100
90	MP2B	Z	-1.846	-1.846	0	%100
91	MP3B	X	-3.197	-3.197	0	%100
92	MP3B	Z	-1.846	-1.846	0	%100
93	MP2A	X	-3.197	-3.197	0	%100
94	MP2A	Z	-1.846	-1.846	0	%100
95	MP3A	X	-3.197	-3.197	0	%100
96	MP3A	Z	-1.846	-1.846	0	%100
97	MP4A	X	-3.534	-3.534	0	%100
98	MP4A	Z	-2.04	-2.04	0	%100
99	MP4C	X	-3.534	-3.534	0	%100
100	MP4C	Z	-2.04	-2.04	0	%100
101	MP4B	X	-3.534	-3.534	0	%100
102	MP4B	Z	-2.04	-2.04	0	%100
103	M139	X	-1.302	-1.302	0	%100
104	M139	Z	-.752	-.752	0	%100
105	M140	X	-2.163	-2.163	0	%100
106	M140	Z	-1.249	-1.249	0	%100
107	M141	X	-3.842	-3.842	0	%100
108	M141	Z	-2.218	-2.218	0	%100
109	M142	X	-3.842	-3.842	0	%100
110	M142	Z	-2.218	-2.218	0	%100
111	M143	X	-1.146	-1.146	0	%100
112	M143	Z	-.662	-.662	0	%100
113	M144	X	-1.146	-1.146	0	%100
114	M144	Z	-.662	-.662	0	%100
115	M145	X	-1.146	-1.146	0	%100
116	M145	Z	-.662	-.662	0	%100
117	M146	X	-1.146	-1.146	0	%100
118	M146	Z	-.662	-.662	0	%100
119	M147	X	-1.146	-1.146	0	%100
120	M147	Z	-.662	-.662	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-2.627	-2.627	0	%100
2	M1	Z	-4.55	-4.55	0	%100
3	M2	X	-2.627	-2.627	0	%100
4	M2	Z	-4.55	-4.55	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	-2.627	-2.627	0	%100
10	M5	Z	-4.55	-4.55	0	%100
11	M6	X	-2.627	-2.627	0	%100
12	M6	Z	-4.55	-4.55	0	%100
13	M7	X	-2.604	-2.604	0	%100
14	M7	Z	-4.511	-4.511	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	-2.604	-2.604	0	%100
18	M9	Z	-4.511	-4.511	0	%100
19	M13	X	0	0	0	%100
20	M13	Z	0	0	0	%100
21	M14A	X	-.524	-.524	0	%100
22	M14A	Z	-.908	-.908	0	%100
23	M18	X	-.524	-.524	0	%100
24	M18	Z	-.908	-.908	0	%100
25	M22	X	-.333	-.333	0	%100
26	M22	Z	-.577	-.577	0	%100
27	M23	X	-1.333	-1.333	0	%100
28	M23	Z	-2.309	-2.309	0	%100
29	M24	X	-.333	-.333	0	%100
30	M24	Z	-.577	-.577	0	%100
31	M74	X	-.925	-.925	0	%100
32	M74	Z	-1.602	-1.602	0	%100
33	M80	X	0	0	0	%100
34	M80	Z	0	0	0	%100
35	M86	X	-.925	-.925	0	%100
36	M86	Z	-1.602	-1.602	0	%100
37	MP5A	X	-1.846	-1.846	0	%100
38	MP5A	Z	-3.197	-3.197	0	%100
39	MP1A	X	-1.846	-1.846	0	%100
40	MP1A	Z	-3.197	-3.197	0	%100
41	MP2C	X	-1.846	-1.846	0	%100
42	MP2C	Z	-3.197	-3.197	0	%100
43	MP5C	X	-1.846	-1.846	0	%100
44	MP5C	Z	-3.197	-3.197	0	%100
45	MP1C	X	-1.846	-1.846	0	%100
46	MP1C	Z	-3.197	-3.197	0	%100
47	MP5B	X	-1.846	-1.846	0	%100
48	MP5B	Z	-3.197	-3.197	0	%100
49	MP1B	X	-1.846	-1.846	0	%100
50	MP1B	Z	-3.197	-3.197	0	%100
51	M77A	X	0	0	0	%100
52	M77A	Z	0	0	0	%100
53	M77B	X	-1.384	-1.384	0	%100
54	M77B	Z	-2.398	-2.398	0	%100
55	M78	X	-1.384	-1.384	0	%100
56	M78	Z	-2.398	-2.398	0	%100
57	MP3C	X	-1.846	-1.846	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	MP3C	Z	-3.197	-3.197	0	%100
59	M61	X	0	0	0	%100
60	M61	Z	0	0	0	%100
61	M64	X	-1.333	-1.333	0	%100
62	M64	Z	-2.309	-2.309	0	%100
63	M65	X	0	0	0	%100
64	M65	Z	0	0	0	%100
65	M68	X	-.524	-.524	0	%100
66	M68	Z	-.908	-.908	0	%100
67	M71	X	-.333	-.333	0	%100
68	M71	Z	-.577	-.577	0	%100
69	M72	X	-.925	-.925	0	%100
70	M72	Z	-1.602	-1.602	0	%100
71	M75A	X	-.524	-.524	0	%100
72	M75A	Z	-.908	-.908	0	%100
73	M78A	X	-.333	-.333	0	%100
74	M78A	Z	-.577	-.577	0	%100
75	M79	X	-.925	-.925	0	%100
76	M79	Z	-1.602	-1.602	0	%100
77	M88	X	-1.247	-1.247	0	%100
78	M88	Z	-2.16	-2.16	0	%100
79	M89A	X	-1.247	-1.247	0	%100
80	M89A	Z	-2.16	-2.16	0	%100
81	M90	X	0	0	0	%100
82	M90	Z	0	0	0	%100
83	M105	X	-1.372	-1.372	0	%100
84	M105	Z	-2.376	-2.376	0	%100
85	M112	X	-1.372	-1.372	0	%100
86	M112	Z	-2.376	-2.376	0	%100
87	M119	X	0	0	0	%100
88	M119	Z	0	0	0	%100
89	MP2B	X	-1.846	-1.846	0	%100
90	MP2B	Z	-3.197	-3.197	0	%100
91	MP3B	X	-1.846	-1.846	0	%100
92	MP3B	Z	-3.197	-3.197	0	%100
93	MP2A	X	-1.846	-1.846	0	%100
94	MP2A	Z	-3.197	-3.197	0	%100
95	MP3A	X	-1.846	-1.846	0	%100
96	MP3A	Z	-3.197	-3.197	0	%100
97	MP4A	X	-2.04	-2.04	0	%100
98	MP4A	Z	-3.534	-3.534	0	%100
99	MP4C	X	-2.04	-2.04	0	%100
100	MP4C	Z	-3.534	-3.534	0	%100
101	MP4B	X	-2.04	-2.04	0	%100
102	MP4B	Z	-3.534	-3.534	0	%100
103	M139	X	0	0	0	%100
104	M139	Z	0	0	0	%100
105	M140	X	-1.665	-1.665	0	%100
106	M140	Z	-2.884	-2.884	0	%100
107	M141	X	-2.218	-2.218	0	%100
108	M141	Z	-3.842	-3.842	0	%100
109	M142	X	-2.218	-2.218	0	%100
110	M142	Z	-3.842	-3.842	0	%100
111	M143	X	-.882	-.882	0	%100
112	M143	Z	-1.528	-1.528	0	%100
113	M144	X	-.882	-.882	0	%100
114	M144	Z	-1.528	-1.528	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
115	M145	X	-.882	-.882	0	%100
116	M145	Z	-1.528	-1.528	0	%100
117	M146	X	-.882	-.882	0	%100
118	M146	Z	-1.528	-1.528	0	%100
119	M147	X	-.882	-.882	0	%100
120	M147	Z	-1.528	-1.528	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	-1.858	-1.858	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	-1.858	-1.858	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	-.464	-.464	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	-.464	-.464	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	-.464	-.464	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	-.464	-.464	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	-1.836	-1.836	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	-.459	-.459	0	%100
17	M9	X	0	0	0	%100
18	M9	Z	-.459	-.459	0	%100
19	M13	X	0	0	0	%100
20	M13	Z	-.026	-.026	0	%100
21	M14A	X	0	0	0	%100
22	M14A	Z	-.026	-.026	0	%100
23	M18	X	0	0	0	%100
24	M18	Z	-.105	-.105	0	%100
25	M22	X	0	0	0	%100
26	M22	Z	0	0	0	%100
27	M23	X	0	0	0	%100
28	M23	Z	-.382	-.382	0	%100
29	M24	X	0	0	0	%100
30	M24	Z	-.382	-.382	0	%100
31	M74	X	0	0	0	%100
32	M74	Z	-.438	-.438	0	%100
33	M80	X	0	0	0	%100
34	M80	Z	-.109	-.109	0	%100
35	M86	X	0	0	0	%100
36	M86	Z	-.109	-.109	0	%100
37	MP5A	X	0	0	0	%100
38	MP5A	Z	-.665	-.665	0	%100
39	MP1A	X	0	0	0	%100
40	MP1A	Z	-.665	-.665	0	%100
41	MP2C	X	0	0	0	%100
42	MP2C	Z	-.665	-.665	0	%100
43	MP5C	X	0	0	0	%100
44	MP5C	Z	-.665	-.665	0	%100
45	MP1C	X	0	0	0	%100
46	MP1C	Z	-.665	-.665	0	%100
47	MP5B	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
48	MP5B	Z	-.665	-.665	0	%100
49	MP1B	X	0	0	0	%100
50	MP1B	Z	-.665	-.665	0	%100
51	M77A	X	0	0	0	%100
52	M77A	Z	-.166	-.166	0	%100
53	M77B	X	0	0	0	%100
54	M77B	Z	-.166	-.166	0	%100
55	M78	X	0	0	0	%100
56	M78	Z	-.665	-.665	0	%100
57	MP3C	X	0	0	0	%100
58	MP3C	Z	-.665	-.665	0	%100
59	M61	X	0	0	0	%100
60	M61	Z	-.026	-.026	0	%100
61	M64	X	0	0	0	%100
62	M64	Z	-.382	-.382	0	%100
63	M65	X	0	0	0	%100
64	M65	Z	-.109	-.109	0	%100
65	M68	X	0	0	0	%100
66	M68	Z	-.026	-.026	0	%100
67	M71	X	0	0	0	%100
68	M71	Z	-.382	-.382	0	%100
69	M72	X	0	0	0	%100
70	M72	Z	-.109	-.109	0	%100
71	M75A	X	0	0	0	%100
72	M75A	Z	-.105	-.105	0	%100
73	M78A	X	0	0	0	%100
74	M78A	Z	0	0	0	%100
75	M79	X	0	0	0	%100
76	M79	Z	-.438	-.438	0	%100
77	M88	X	0	0	0	%100
78	M88	Z	-.193	-.193	0	%100
79	M89A	X	0	0	0	%100
80	M89A	Z	-.772	-.772	0	%100
81	M90	X	0	0	0	%100
82	M90	Z	-.193	-.193	0	%100
83	M105	X	0	0	0	%100
84	M105	Z	-.165	-.165	0	%100
85	M112	X	0	0	0	%100
86	M112	Z	-.658	-.658	0	%100
87	M119	X	0	0	0	%100
88	M119	Z	-.165	-.165	0	%100
89	MP2B	X	0	0	0	%100
90	MP2B	Z	-.665	-.665	0	%100
91	MP3B	X	0	0	0	%100
92	MP3B	Z	-.665	-.665	0	%100
93	MP2A	X	0	0	0	%100
94	MP2A	Z	-.665	-.665	0	%100
95	MP3A	X	0	0	0	%100
96	MP3A	Z	-.665	-.665	0	%100
97	MP4A	X	0	0	0	%100
98	MP4A	Z	-.804	-.804	0	%100
99	MP4C	X	0	0	0	%100
100	MP4C	Z	-.804	-.804	0	%100
101	MP4B	X	0	0	0	%100
102	MP4B	Z	-.804	-.804	0	%100
103	M139	X	0	0	0	%100
104	M139	Z	-.407	-.407	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
105	M140	X	0	0	0	%100
106	M140	Z	-.542	-.542	0	%100
107	M141	X	0	0	0	%100
108	M141	Z	-.933	-.933	0	%100
109	M142	X	0	0	0	%100
110	M142	Z	-.933	-.933	0	%100
111	M143	X	0	0	0	%100
112	M143	Z	-.147	-.147	0	%100
113	M144	X	0	0	0	%100
114	M144	Z	-.147	-.147	0	%100
115	M145	X	0	0	0	%100
116	M145	Z	-.147	-.147	0	%100
117	M146	X	0	0	0	%100
118	M146	Z	-.147	-.147	0	%100
119	M147	X	0	0	0	%100
120	M147	Z	-.147	-.147	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.697	.697	0	%100
2	M1	Z	-1.207	-1.207	0	%100
3	M2	X	.697	.697	0	%100
4	M2	Z	-1.207	-1.207	0	%100
5	M3	X	.697	.697	0	%100
6	M3	Z	-1.207	-1.207	0	%100
7	M4	X	.697	.697	0	%100
8	M4	Z	-1.207	-1.207	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	.688	.688	0	%100
14	M7	Z	-1.192	-1.192	0	%100
15	M8	X	.688	.688	0	%100
16	M8	Z	-1.192	-1.192	0	%100
17	M9	X	0	0	0	%100
18	M9	Z	0	0	0	%100
19	M13	X	.039	.039	0	%100
20	M13	Z	-.068	-.068	0	%100
21	M14A	X	0	0	0	%100
22	M14A	Z	0	0	0	%100
23	M18	X	.039	.039	0	%100
24	M18	Z	-.068	-.068	0	%100
25	M22	X	.064	.064	0	%100
26	M22	Z	-.11	-.11	0	%100
27	M23	X	.064	.064	0	%100
28	M23	Z	-.11	-.11	0	%100
29	M24	X	.255	.255	0	%100
30	M24	Z	-.441	-.441	0	%100
31	M74	X	.164	.164	0	%100
32	M74	Z	-.284	-.284	0	%100
33	M80	X	.164	.164	0	%100
34	M80	Z	-.284	-.284	0	%100
35	M86	X	0	0	0	%100
36	M86	Z	0	0	0	%100
37	MP5A	X	.332	.332	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
38	MP5A	Z	-.576	-.576	0	%100
39	MP1A	X	.332	.332	0	%100
40	MP1A	Z	-.576	-.576	0	%100
41	MP2C	X	.332	.332	0	%100
42	MP2C	Z	-.576	-.576	0	%100
43	MP5C	X	.332	.332	0	%100
44	MP5C	Z	-.576	-.576	0	%100
45	MP1C	X	.332	.332	0	%100
46	MP1C	Z	-.576	-.576	0	%100
47	MP5B	X	.332	.332	0	%100
48	MP5B	Z	-.576	-.576	0	%100
49	MP1B	X	.332	.332	0	%100
50	MP1B	Z	-.576	-.576	0	%100
51	M77A	X	.249	.249	0	%100
52	M77A	Z	-.432	-.432	0	%100
53	M77B	X	0	0	0	%100
54	M77B	Z	0	0	0	%100
55	M78	X	.249	.249	0	%100
56	M78	Z	-.432	-.432	0	%100
57	MP3C	X	.332	.332	0	%100
58	MP3C	Z	-.576	-.576	0	%100
59	M61	X	.039	.039	0	%100
60	M61	Z	-.068	-.068	0	%100
61	M64	X	.064	.064	0	%100
62	M64	Z	-.11	-.11	0	%100
63	M65	X	.164	.164	0	%100
64	M65	Z	-.284	-.284	0	%100
65	M68	X	0	0	0	%100
66	M68	Z	0	0	0	%100
67	M71	X	.255	.255	0	%100
68	M71	Z	-.441	-.441	0	%100
69	M72	X	0	0	0	%100
70	M72	Z	0	0	0	%100
71	M75A	X	.039	.039	0	%100
72	M75A	Z	-.068	-.068	0	%100
73	M78A	X	.064	.064	0	%100
74	M78A	Z	-.11	-.11	0	%100
75	M79	X	.164	.164	0	%100
76	M79	Z	-.284	-.284	0	%100
77	M88	X	0	0	0	%100
78	M88	Z	0	0	0	%100
79	M89A	X	.289	.289	0	%100
80	M89A	Z	-.501	-.501	0	%100
81	M90	X	.289	.289	0	%100
82	M90	Z	-.501	-.501	0	%100
83	M105	X	0	0	0	%100
84	M105	Z	0	0	0	%100
85	M112	X	.247	.247	0	%100
86	M112	Z	-.428	-.428	0	%100
87	M119	X	.247	.247	0	%100
88	M119	Z	-.428	-.428	0	%100
89	MP2B	X	.332	.332	0	%100
90	MP2B	Z	-.576	-.576	0	%100
91	MP3B	X	.332	.332	0	%100
92	MP3B	Z	-.576	-.576	0	%100
93	MP2A	X	.332	.332	0	%100
94	MP2A	Z	-.576	-.576	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
95	MP3A	X	.332	.332	0	%100
96	MP3A	Z	-.576	-.576	0	%100
97	MP4A	X	.402	.402	0	%100
98	MP4A	Z	-.697	-.697	0	%100
99	MP4C	X	.402	.402	0	%100
100	MP4C	Z	-.697	-.697	0	%100
101	MP4B	X	.402	.402	0	%100
102	MP4B	Z	-.697	-.697	0	%100
103	M139	X	.611	.611	0	%100
104	M139	Z	-1.058	-1.058	0	%100
105	M140	X	.09	.09	0	%100
106	M140	Z	-.157	-.157	0	%100
107	M141	X	.466	.466	0	%100
108	M141	Z	-.808	-.808	0	%100
109	M142	X	.466	.466	0	%100
110	M142	Z	-.808	-.808	0	%100
111	M143	X	.024	.024	0	%100
112	M143	Z	-.042	-.042	0	%100
113	M144	X	.024	.024	0	%100
114	M144	Z	-.042	-.042	0	%100
115	M145	X	.024	.024	0	%100
116	M145	Z	-.042	-.042	0	%100
117	M146	X	.024	.024	0	%100
118	M146	Z	-.042	-.042	0	%100
119	M147	X	.024	.024	0	%100
120	M147	Z	-.042	-.042	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.402	.402	0	%100
2	M1	Z	-.232	-.232	0	%100
3	M2	X	.402	.402	0	%100
4	M2	Z	-.232	-.232	0	%100
5	M3	X	1.609	1.609	0	%100
6	M3	Z	-.929	-.929	0	%100
7	M4	X	1.609	1.609	0	%100
8	M4	Z	-.929	-.929	0	%100
9	M5	X	.402	.402	0	%100
10	M5	Z	-.232	-.232	0	%100
11	M6	X	.402	.402	0	%100
12	M6	Z	-.232	-.232	0	%100
13	M7	X	.397	.397	0	%100
14	M7	Z	-.229	-.229	0	%100
15	M8	X	1.59	1.59	0	%100
16	M8	Z	-.918	-.918	0	%100
17	M9	X	.397	.397	0	%100
18	M9	Z	-.229	-.229	0	%100
19	M13	X	.091	.091	0	%100
20	M13	Z	-.052	-.052	0	%100
21	M14A	X	.023	.023	0	%100
22	M14A	Z	-.013	-.013	0	%100
23	M18	X	.023	.023	0	%100
24	M18	Z	-.013	-.013	0	%100
25	M22	X	.331	.331	0	%100
26	M22	Z	-.191	-.191	0	%100
27	M23	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
28	M23	Z	0	0	0	%100
29	M24	X	.331	.331	0	%100
30	M24	Z	-.191	-.191	0	%100
31	M74	X	.095	.095	0	%100
32	M74	Z	-.055	-.055	0	%100
33	M80	X	.379	.379	0	%100
34	M80	Z	-.219	-.219	0	%100
35	M86	X	.095	.095	0	%100
36	M86	Z	-.055	-.055	0	%100
37	MP5A	X	.576	.576	0	%100
38	MP5A	Z	-.332	-.332	0	%100
39	MP1A	X	.576	.576	0	%100
40	MP1A	Z	-.332	-.332	0	%100
41	MP2C	X	.576	.576	0	%100
42	MP2C	Z	-.332	-.332	0	%100
43	MP5C	X	.576	.576	0	%100
44	MP5C	Z	-.332	-.332	0	%100
45	MP1C	X	.576	.576	0	%100
46	MP1C	Z	-.332	-.332	0	%100
47	MP5B	X	.576	.576	0	%100
48	MP5B	Z	-.332	-.332	0	%100
49	MP1B	X	.576	.576	0	%100
50	MP1B	Z	-.332	-.332	0	%100
51	M77A	X	.576	.576	0	%100
52	M77A	Z	-.332	-.332	0	%100
53	M77B	X	.144	.144	0	%100
54	M77B	Z	-.083	-.083	0	%100
55	M78	X	.144	.144	0	%100
56	M78	Z	-.083	-.083	0	%100
57	MP3C	X	.576	.576	0	%100
58	MP3C	Z	-.332	-.332	0	%100
59	M61	X	.091	.091	0	%100
60	M61	Z	-.052	-.052	0	%100
61	M64	X	0	0	0	%100
62	M64	Z	0	0	0	%100
63	M65	X	.379	.379	0	%100
64	M65	Z	-.219	-.219	0	%100
65	M68	X	.023	.023	0	%100
66	M68	Z	-.013	-.013	0	%100
67	M71	X	.331	.331	0	%100
68	M71	Z	-.191	-.191	0	%100
69	M72	X	.095	.095	0	%100
70	M72	Z	-.055	-.055	0	%100
71	M75A	X	.023	.023	0	%100
72	M75A	Z	-.013	-.013	0	%100
73	M78A	X	.331	.331	0	%100
74	M78A	Z	-.191	-.191	0	%100
75	M79	X	.095	.095	0	%100
76	M79	Z	-.055	-.055	0	%100
77	M88	X	.167	.167	0	%100
78	M88	Z	-.096	-.096	0	%100
79	M89A	X	.167	.167	0	%100
80	M89A	Z	-.096	-.096	0	%100
81	M90	X	.669	.669	0	%100
82	M90	Z	-.386	-.386	0	%100
83	M105	X	.143	.143	0	%100
84	M105	Z	-.082	-.082	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
85	M112	X	.143	.143	0	%100
86	M112	Z	-.082	-.082	0	%100
87	M119	X	.57	.57	0	%100
88	M119	Z	-.329	-.329	0	%100
89	MP2B	X	.576	.576	0	%100
90	MP2B	Z	-.332	-.332	0	%100
91	MP3B	X	.576	.576	0	%100
92	MP3B	Z	-.332	-.332	0	%100
93	MP2A	X	.576	.576	0	%100
94	MP2A	Z	-.332	-.332	0	%100
95	MP3A	X	.576	.576	0	%100
96	MP3A	Z	-.332	-.332	0	%100
97	MP4A	X	.697	.697	0	%100
98	MP4A	Z	-.402	-.402	0	%100
99	MP4C	X	.697	.697	0	%100
100	MP4C	Z	-.402	-.402	0	%100
101	MP4B	X	.697	.697	0	%100
102	MP4B	Z	-.402	-.402	0	%100
103	M139	X	1.41	1.41	0	%100
104	M139	Z	-.814	-.814	0	%100
105	M140	X	0	0	0	%100
106	M140	Z	0	0	0	%100
107	M141	X	.808	.808	0	%100
108	M141	Z	-.466	-.466	0	%100
109	M142	X	.808	.808	0	%100
110	M142	Z	-.466	-.466	0	%100
111	M143	X	0	0	0	%100
112	M143	Z	0	0	0	%100
113	M144	X	0	0	0	%100
114	M144	Z	0	0	0	%100
115	M145	X	0	0	0	%100
116	M145	Z	0	0	0	%100
117	M146	X	0	0	0	%100
118	M146	Z	0	0	0	%100
119	M147	X	0	0	0	%100
120	M147	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	1.393	1.393	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	1.393	1.393	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	1.393	1.393	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	1.393	1.393	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	0	0	0	%100
15	M8	X	1.377	1.377	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	1.377	1.377	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
18	M9	Z	0	0	0	%100
19	M13	X	.079	.079	0	%100
20	M13	Z	0	0	0	%100
21	M14A	X	.079	.079	0	%100
22	M14A	Z	0	0	0	%100
23	M18	X	0	0	0	%100
24	M18	Z	0	0	0	%100
25	M22	X	.51	.51	0	%100
26	M22	Z	0	0	0	%100
27	M23	X	.127	.127	0	%100
28	M23	Z	0	0	0	%100
29	M24	X	.127	.127	0	%100
30	M24	Z	0	0	0	%100
31	M74	X	0	0	0	%100
32	M74	Z	0	0	0	%100
33	M80	X	.328	.328	0	%100
34	M80	Z	0	0	0	%100
35	M86	X	.328	.328	0	%100
36	M86	Z	0	0	0	%100
37	MP5A	X	.665	.665	0	%100
38	MP5A	Z	0	0	0	%100
39	MP1A	X	.665	.665	0	%100
40	MP1A	Z	0	0	0	%100
41	MP2C	X	.665	.665	0	%100
42	MP2C	Z	0	0	0	%100
43	MP5C	X	.665	.665	0	%100
44	MP5C	Z	0	0	0	%100
45	MP1C	X	.665	.665	0	%100
46	MP1C	Z	0	0	0	%100
47	MP5B	X	.665	.665	0	%100
48	MP5B	Z	0	0	0	%100
49	MP1B	X	.665	.665	0	%100
50	MP1B	Z	0	0	0	%100
51	M77A	X	.498	.498	0	%100
52	M77A	Z	0	0	0	%100
53	M77B	X	.498	.498	0	%100
54	M77B	Z	0	0	0	%100
55	M78	X	0	0	0	%100
56	M78	Z	0	0	0	%100
57	MP3C	X	.665	.665	0	%100
58	MP3C	Z	0	0	0	%100
59	M61	X	.079	.079	0	%100
60	M61	Z	0	0	0	%100
61	M64	X	.127	.127	0	%100
62	M64	Z	0	0	0	%100
63	M65	X	.328	.328	0	%100
64	M65	Z	0	0	0	%100
65	M68	X	.079	.079	0	%100
66	M68	Z	0	0	0	%100
67	M71	X	.127	.127	0	%100
68	M71	Z	0	0	0	%100
69	M72	X	.328	.328	0	%100
70	M72	Z	0	0	0	%100
71	M75A	X	0	0	0	%100
72	M75A	Z	0	0	0	%100
73	M78A	X	.51	.51	0	%100
74	M78A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
75	M79	X	0	0	0	%100
76	M79	Z	0	0	0	%100
77	M88	X	.579	.579	0	%100
78	M88	Z	0	0	0	%100
79	M89A	X	0	0	0	%100
80	M89A	Z	0	0	0	%100
81	M90	X	.579	.579	0	%100
82	M90	Z	0	0	0	%100
83	M105	X	.494	.494	0	%100
84	M105	Z	0	0	0	%100
85	M112	X	0	0	0	%100
86	M112	Z	0	0	0	%100
87	M119	X	.494	.494	0	%100
88	M119	Z	0	0	0	%100
89	MP2B	X	.665	.665	0	%100
90	MP2B	Z	0	0	0	%100
91	MP3B	X	.665	.665	0	%100
92	MP3B	Z	0	0	0	%100
93	MP2A	X	.665	.665	0	%100
94	MP2A	Z	0	0	0	%100
95	MP3A	X	.665	.665	0	%100
96	MP3A	Z	0	0	0	%100
97	MP4A	X	.804	.804	0	%100
98	MP4A	Z	0	0	0	%100
99	MP4C	X	.804	.804	0	%100
100	MP4C	Z	0	0	0	%100
101	MP4B	X	.804	.804	0	%100
102	MP4B	Z	0	0	0	%100
103	M139	X	1.221	1.221	0	%100
104	M139	Z	0	0	0	%100
105	M140	X	.181	.181	0	%100
106	M140	Z	0	0	0	%100
107	M141	X	.933	.933	0	%100
108	M141	Z	0	0	0	%100
109	M142	X	.933	.933	0	%100
110	M142	Z	0	0	0	%100
111	M143	X	.049	.049	0	%100
112	M143	Z	0	0	0	%100
113	M144	X	.049	.049	0	%100
114	M144	Z	0	0	0	%100
115	M145	X	.049	.049	0	%100
116	M145	Z	0	0	0	%100
117	M146	X	.049	.049	0	%100
118	M146	Z	0	0	0	%100
119	M147	X	.049	.049	0	%100
120	M147	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.402	.402	0	%100
2	M1	Z	.232	.232	0	%100
3	M2	X	.402	.402	0	%100
4	M2	Z	.232	.232	0	%100
5	M3	X	.402	.402	0	%100
6	M3	Z	.232	.232	0	%100
7	M4	X	.402	.402	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
8	M4	Z	.232	.232	0	%100
9	M5	X	1.609	1.609	0	%100
10	M5	Z	.929	.929	0	%100
11	M6	X	1.609	1.609	0	%100
12	M6	Z	.929	.929	0	%100
13	M7	X	.397	.397	0	%100
14	M7	Z	.229	.229	0	%100
15	M8	X	.397	.397	0	%100
16	M8	Z	.229	.229	0	%100
17	M9	X	1.59	1.59	0	%100
18	M9	Z	.918	.918	0	%100
19	M13	X	.023	.023	0	%100
20	M13	Z	.013	.013	0	%100
21	M14A	X	.091	.091	0	%100
22	M14A	Z	.052	.052	0	%100
23	M18	X	.023	.023	0	%100
24	M18	Z	.013	.013	0	%100
25	M22	X	.331	.331	0	%100
26	M22	Z	.191	.191	0	%100
27	M23	X	.331	.331	0	%100
28	M23	Z	.191	.191	0	%100
29	M24	X	0	0	0	%100
30	M24	Z	0	0	0	%100
31	M74	X	.095	.095	0	%100
32	M74	Z	.055	.055	0	%100
33	M80	X	.095	.095	0	%100
34	M80	Z	.055	.055	0	%100
35	M86	X	.379	.379	0	%100
36	M86	Z	.219	.219	0	%100
37	MP5A	X	.576	.576	0	%100
38	MP5A	Z	.332	.332	0	%100
39	MP1A	X	.576	.576	0	%100
40	MP1A	Z	.332	.332	0	%100
41	MP2C	X	.576	.576	0	%100
42	MP2C	Z	.332	.332	0	%100
43	MP5C	X	.576	.576	0	%100
44	MP5C	Z	.332	.332	0	%100
45	MP1C	X	.576	.576	0	%100
46	MP1C	Z	.332	.332	0	%100
47	MP5B	X	.576	.576	0	%100
48	MP5B	Z	.332	.332	0	%100
49	MP1B	X	.576	.576	0	%100
50	MP1B	Z	.332	.332	0	%100
51	M77A	X	.144	.144	0	%100
52	M77A	Z	.083	.083	0	%100
53	M77B	X	.576	.576	0	%100
54	M77B	Z	.332	.332	0	%100
55	M78	X	.144	.144	0	%100
56	M78	Z	.083	.083	0	%100
57	MP3C	X	.576	.576	0	%100
58	MP3C	Z	.332	.332	0	%100
59	M61	X	.023	.023	0	%100
60	M61	Z	.013	.013	0	%100
61	M64	X	.331	.331	0	%100
62	M64	Z	.191	.191	0	%100
63	M65	X	.095	.095	0	%100
64	M65	Z	.055	.055	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
65	M68	X	.091	.091	0	%100
66	M68	Z	.052	.052	0	%100
67	M71	X	0	0	0	%100
68	M71	Z	0	0	0	%100
69	M72	X	.379	.379	0	%100
70	M72	Z	.219	.219	0	%100
71	M75A	X	.023	.023	0	%100
72	M75A	Z	.013	.013	0	%100
73	M78A	X	.331	.331	0	%100
74	M78A	Z	.191	.191	0	%100
75	M79	X	.095	.095	0	%100
76	M79	Z	.055	.055	0	%100
77	M88	X	.669	.669	0	%100
78	M88	Z	.386	.386	0	%100
79	M89A	X	.167	.167	0	%100
80	M89A	Z	.096	.096	0	%100
81	M90	X	.167	.167	0	%100
82	M90	Z	.096	.096	0	%100
83	M105	X	.57	.57	0	%100
84	M105	Z	.329	.329	0	%100
85	M112	X	.143	.143	0	%100
86	M112	Z	.082	.082	0	%100
87	M119	X	.143	.143	0	%100
88	M119	Z	.082	.082	0	%100
89	MP2B	X	.576	.576	0	%100
90	MP2B	Z	.332	.332	0	%100
91	MP3B	X	.576	.576	0	%100
92	MP3B	Z	.332	.332	0	%100
93	MP2A	X	.576	.576	0	%100
94	MP2A	Z	.332	.332	0	%100
95	MP3A	X	.576	.576	0	%100
96	MP3A	Z	.332	.332	0	%100
97	MP4A	X	.697	.697	0	%100
98	MP4A	Z	.402	.402	0	%100
99	MP4C	X	.697	.697	0	%100
100	MP4C	Z	.402	.402	0	%100
101	MP4B	X	.697	.697	0	%100
102	MP4B	Z	.402	.402	0	%100
103	M139	X	.353	.353	0	%100
104	M139	Z	.204	.204	0	%100
105	M140	X	.47	.47	0	%100
106	M140	Z	.271	.271	0	%100
107	M141	X	.808	.808	0	%100
108	M141	Z	.466	.466	0	%100
109	M142	X	.808	.808	0	%100
110	M142	Z	.466	.466	0	%100
111	M143	X	.127	.127	0	%100
112	M143	Z	.073	.073	0	%100
113	M144	X	.127	.127	0	%100
114	M144	Z	.073	.073	0	%100
115	M145	X	.127	.127	0	%100
116	M145	Z	.073	.073	0	%100
117	M146	X	.127	.127	0	%100
118	M146	Z	.073	.073	0	%100
119	M147	X	.127	.127	0	%100
120	M147	Z	.073	.073	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.697	.697	0	%100
2	M1	Z	1.207	1.207	0	%100
3	M2	X	.697	.697	0	%100
4	M2	Z	1.207	1.207	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	.697	.697	0	%100
10	M5	Z	1.207	1.207	0	%100
11	M6	X	.697	.697	0	%100
12	M6	Z	1.207	1.207	0	%100
13	M7	X	.688	.688	0	%100
14	M7	Z	1.192	1.192	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	.688	.688	0	%100
18	M9	Z	1.192	1.192	0	%100
19	M13	X	0	0	0	%100
20	M13	Z	0	0	0	%100
21	M14A	X	.039	.039	0	%100
22	M14A	Z	.068	.068	0	%100
23	M18	X	.039	.039	0	%100
24	M18	Z	.068	.068	0	%100
25	M22	X	.064	.064	0	%100
26	M22	Z	.11	.11	0	%100
27	M23	X	.255	.255	0	%100
28	M23	Z	.441	.441	0	%100
29	M24	X	.064	.064	0	%100
30	M24	Z	.11	.11	0	%100
31	M74	X	.164	.164	0	%100
32	M74	Z	.284	.284	0	%100
33	M80	X	0	0	0	%100
34	M80	Z	0	0	0	%100
35	M86	X	.164	.164	0	%100
36	M86	Z	.284	.284	0	%100
37	MP5A	X	.332	.332	0	%100
38	MP5A	Z	.576	.576	0	%100
39	MP1A	X	.332	.332	0	%100
40	MP1A	Z	.576	.576	0	%100
41	MP2C	X	.332	.332	0	%100
42	MP2C	Z	.576	.576	0	%100
43	MP5C	X	.332	.332	0	%100
44	MP5C	Z	.576	.576	0	%100
45	MP1C	X	.332	.332	0	%100
46	MP1C	Z	.576	.576	0	%100
47	MP5B	X	.332	.332	0	%100
48	MP5B	Z	.576	.576	0	%100
49	MP1B	X	.332	.332	0	%100
50	MP1B	Z	.576	.576	0	%100
51	M77A	X	0	0	0	%100
52	M77A	Z	0	0	0	%100
53	M77B	X	.249	.249	0	%100
54	M77B	Z	.432	.432	0	%100
55	M78	X	.249	.249	0	%100
56	M78	Z	.432	.432	0	%100
57	MP3C	X	.332	.332	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	MP3C	Z	.576	.576	0	%100
59	M61	X	0	0	0	%100
60	M61	Z	0	0	0	%100
61	M64	X	.255	.255	0	%100
62	M64	Z	.441	.441	0	%100
63	M65	X	0	0	0	%100
64	M65	Z	0	0	0	%100
65	M68	X	.039	.039	0	%100
66	M68	Z	.068	.068	0	%100
67	M71	X	.064	.064	0	%100
68	M71	Z	.11	.11	0	%100
69	M72	X	.164	.164	0	%100
70	M72	Z	.284	.284	0	%100
71	M75A	X	.039	.039	0	%100
72	M75A	Z	.068	.068	0	%100
73	M78A	X	.064	.064	0	%100
74	M78A	Z	.11	.11	0	%100
75	M79	X	.164	.164	0	%100
76	M79	Z	.284	.284	0	%100
77	M88	X	.289	.289	0	%100
78	M88	Z	.501	.501	0	%100
79	M89A	X	.289	.289	0	%100
80	M89A	Z	.501	.501	0	%100
81	M90	X	0	0	0	%100
82	M90	Z	0	0	0	%100
83	M105	X	.247	.247	0	%100
84	M105	Z	.428	.428	0	%100
85	M112	X	.247	.247	0	%100
86	M112	Z	.428	.428	0	%100
87	M119	X	0	0	0	%100
88	M119	Z	0	0	0	%100
89	MP2B	X	.332	.332	0	%100
90	MP2B	Z	.576	.576	0	%100
91	MP3B	X	.332	.332	0	%100
92	MP3B	Z	.576	.576	0	%100
93	MP2A	X	.332	.332	0	%100
94	MP2A	Z	.576	.576	0	%100
95	MP3A	X	.332	.332	0	%100
96	MP3A	Z	.576	.576	0	%100
97	MP4A	X	.402	.402	0	%100
98	MP4A	Z	.697	.697	0	%100
99	MP4C	X	.402	.402	0	%100
100	MP4C	Z	.697	.697	0	%100
101	MP4B	X	.402	.402	0	%100
102	MP4B	Z	.697	.697	0	%100
103	M139	X	0	0	0	%100
104	M139	Z	0	0	0	%100
105	M140	X	.361	.361	0	%100
106	M140	Z	.626	.626	0	%100
107	M141	X	.466	.466	0	%100
108	M141	Z	.808	.808	0	%100
109	M142	X	.466	.466	0	%100
110	M142	Z	.808	.808	0	%100
111	M143	X	.098	.098	0	%100
112	M143	Z	.169	.169	0	%100
113	M144	X	.098	.098	0	%100
114	M144	Z	.169	.169	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
115	M145	X	.098	.098	0	%100
116	M145	Z	.169	.169	0	%100
117	M146	X	.098	.098	0	%100
118	M146	Z	.169	.169	0	%100
119	M147	X	.098	.098	0	%100
120	M147	Z	.169	.169	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	1.858	1.858	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	1.858	1.858	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	.464	.464	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	.464	.464	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	.464	.464	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	.464	.464	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	1.836	1.836	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	.459	.459	0	%100
17	M9	X	0	0	0	%100
18	M9	Z	.459	.459	0	%100
19	M13	X	0	0	0	%100
20	M13	Z	.026	.026	0	%100
21	M14A	X	0	0	0	%100
22	M14A	Z	.026	.026	0	%100
23	M18	X	0	0	0	%100
24	M18	Z	.105	.105	0	%100
25	M22	X	0	0	0	%100
26	M22	Z	0	0	0	%100
27	M23	X	0	0	0	%100
28	M23	Z	.382	.382	0	%100
29	M24	X	0	0	0	%100
30	M24	Z	.382	.382	0	%100
31	M74	X	0	0	0	%100
32	M74	Z	.438	.438	0	%100
33	M80	X	0	0	0	%100
34	M80	Z	.109	.109	0	%100
35	M86	X	0	0	0	%100
36	M86	Z	.109	.109	0	%100
37	MP5A	X	0	0	0	%100
38	MP5A	Z	.665	.665	0	%100
39	MP1A	X	0	0	0	%100
40	MP1A	Z	.665	.665	0	%100
41	MP2C	X	0	0	0	%100
42	MP2C	Z	.665	.665	0	%100
43	MP5C	X	0	0	0	%100
44	MP5C	Z	.665	.665	0	%100
45	MP1C	X	0	0	0	%100
46	MP1C	Z	.665	.665	0	%100
47	MP5B	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
48	MP5B	Z	.665	.665	0	%100
49	MP1B	X	0	0	0	%100
50	MP1B	Z	.665	.665	0	%100
51	M77A	X	0	0	0	%100
52	M77A	Z	.166	.166	0	%100
53	M77B	X	0	0	0	%100
54	M77B	Z	.166	.166	0	%100
55	M78	X	0	0	0	%100
56	M78	Z	.665	.665	0	%100
57	MP3C	X	0	0	0	%100
58	MP3C	Z	.665	.665	0	%100
59	M61	X	0	0	0	%100
60	M61	Z	.026	.026	0	%100
61	M64	X	0	0	0	%100
62	M64	Z	.382	.382	0	%100
63	M65	X	0	0	0	%100
64	M65	Z	.109	.109	0	%100
65	M68	X	0	0	0	%100
66	M68	Z	.026	.026	0	%100
67	M71	X	0	0	0	%100
68	M71	Z	.382	.382	0	%100
69	M72	X	0	0	0	%100
70	M72	Z	.109	.109	0	%100
71	M75A	X	0	0	0	%100
72	M75A	Z	.105	.105	0	%100
73	M78A	X	0	0	0	%100
74	M78A	Z	0	0	0	%100
75	M79	X	0	0	0	%100
76	M79	Z	.438	.438	0	%100
77	M88	X	0	0	0	%100
78	M88	Z	.193	.193	0	%100
79	M89A	X	0	0	0	%100
80	M89A	Z	.772	.772	0	%100
81	M90	X	0	0	0	%100
82	M90	Z	.193	.193	0	%100
83	M105	X	0	0	0	%100
84	M105	Z	.165	.165	0	%100
85	M112	X	0	0	0	%100
86	M112	Z	.658	.658	0	%100
87	M119	X	0	0	0	%100
88	M119	Z	.165	.165	0	%100
89	MP2B	X	0	0	0	%100
90	MP2B	Z	.665	.665	0	%100
91	MP3B	X	0	0	0	%100
92	MP3B	Z	.665	.665	0	%100
93	MP2A	X	0	0	0	%100
94	MP2A	Z	.665	.665	0	%100
95	MP3A	X	0	0	0	%100
96	MP3A	Z	.665	.665	0	%100
97	MP4A	X	0	0	0	%100
98	MP4A	Z	.804	.804	0	%100
99	MP4C	X	0	0	0	%100
100	MP4C	Z	.804	.804	0	%100
101	MP4B	X	0	0	0	%100
102	MP4B	Z	.804	.804	0	%100
103	M139	X	0	0	0	%100
104	M139	Z	.407	.407	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
105	M140	X	0	0	0	%100
106	M140	Z	.542	.542	0	%100
107	M141	X	0	0	0	%100
108	M141	Z	.933	.933	0	%100
109	M142	X	0	0	0	%100
110	M142	Z	.933	.933	0	%100
111	M143	X	0	0	0	%100
112	M143	Z	.147	.147	0	%100
113	M144	X	0	0	0	%100
114	M144	Z	.147	.147	0	%100
115	M145	X	0	0	0	%100
116	M145	Z	.147	.147	0	%100
117	M146	X	0	0	0	%100
118	M146	Z	.147	.147	0	%100
119	M147	X	0	0	0	%100
120	M147	Z	.147	.147	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.697	-.697	0	%100
2	M1	Z	1.207	1.207	0	%100
3	M2	X	-.697	-.697	0	%100
4	M2	Z	1.207	1.207	0	%100
5	M3	X	-.697	-.697	0	%100
6	M3	Z	1.207	1.207	0	%100
7	M4	X	-.697	-.697	0	%100
8	M4	Z	1.207	1.207	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	-.688	-.688	0	%100
14	M7	Z	1.192	1.192	0	%100
15	M8	X	-.688	-.688	0	%100
16	M8	Z	1.192	1.192	0	%100
17	M9	X	0	0	0	%100
18	M9	Z	0	0	0	%100
19	M13	X	-.039	-.039	0	%100
20	M13	Z	.068	.068	0	%100
21	M14A	X	0	0	0	%100
22	M14A	Z	0	0	0	%100
23	M18	X	-.039	-.039	0	%100
24	M18	Z	.068	.068	0	%100
25	M22	X	-.064	-.064	0	%100
26	M22	Z	.11	.11	0	%100
27	M23	X	-.064	-.064	0	%100
28	M23	Z	.11	.11	0	%100
29	M24	X	-.255	-.255	0	%100
30	M24	Z	.441	.441	0	%100
31	M74	X	-.164	-.164	0	%100
32	M74	Z	.284	.284	0	%100
33	M80	X	-.164	-.164	0	%100
34	M80	Z	.284	.284	0	%100
35	M86	X	0	0	0	%100
36	M86	Z	0	0	0	%100
37	MP5A	X	-.332	-.332	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
38	MP5A	Z	.576	.576	0	%100
39	MP1A	X	-.332	-.332	0	%100
40	MP1A	Z	.576	.576	0	%100
41	MP2C	X	-.332	-.332	0	%100
42	MP2C	Z	.576	.576	0	%100
43	MP5C	X	-.332	-.332	0	%100
44	MP5C	Z	.576	.576	0	%100
45	MP1C	X	-.332	-.332	0	%100
46	MP1C	Z	.576	.576	0	%100
47	MP5B	X	-.332	-.332	0	%100
48	MP5B	Z	.576	.576	0	%100
49	MP1B	X	-.332	-.332	0	%100
50	MP1B	Z	.576	.576	0	%100
51	M77A	X	-.249	-.249	0	%100
52	M77A	Z	.432	.432	0	%100
53	M77B	X	0	0	0	%100
54	M77B	Z	0	0	0	%100
55	M78	X	-.249	-.249	0	%100
56	M78	Z	.432	.432	0	%100
57	MP3C	X	-.332	-.332	0	%100
58	MP3C	Z	.576	.576	0	%100
59	M61	X	-.039	-.039	0	%100
60	M61	Z	.068	.068	0	%100
61	M64	X	-.064	-.064	0	%100
62	M64	Z	.11	.11	0	%100
63	M65	X	-.164	-.164	0	%100
64	M65	Z	.284	.284	0	%100
65	M68	X	0	0	0	%100
66	M68	Z	0	0	0	%100
67	M71	X	-.255	-.255	0	%100
68	M71	Z	.441	.441	0	%100
69	M72	X	0	0	0	%100
70	M72	Z	0	0	0	%100
71	M75A	X	-.039	-.039	0	%100
72	M75A	Z	.068	.068	0	%100
73	M78A	X	-.064	-.064	0	%100
74	M78A	Z	.11	.11	0	%100
75	M79	X	-.164	-.164	0	%100
76	M79	Z	.284	.284	0	%100
77	M88	X	0	0	0	%100
78	M88	Z	0	0	0	%100
79	M89A	X	-.289	-.289	0	%100
80	M89A	Z	.501	.501	0	%100
81	M90	X	-.289	-.289	0	%100
82	M90	Z	.501	.501	0	%100
83	M105	X	0	0	0	%100
84	M105	Z	0	0	0	%100
85	M112	X	-.247	-.247	0	%100
86	M112	Z	.428	.428	0	%100
87	M119	X	-.247	-.247	0	%100
88	M119	Z	.428	.428	0	%100
89	MP2B	X	-.332	-.332	0	%100
90	MP2B	Z	.576	.576	0	%100
91	MP3B	X	-.332	-.332	0	%100
92	MP3B	Z	.576	.576	0	%100
93	MP2A	X	-.332	-.332	0	%100
94	MP2A	Z	.576	.576	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
95	MP3A	X	-.332	-.332	0	%100
96	MP3A	Z	.576	.576	0	%100
97	MP4A	X	-.402	-.402	0	%100
98	MP4A	Z	.697	.697	0	%100
99	MP4C	X	-.402	-.402	0	%100
100	MP4C	Z	.697	.697	0	%100
101	MP4B	X	-.402	-.402	0	%100
102	MP4B	Z	.697	.697	0	%100
103	M139	X	-.611	-.611	0	%100
104	M139	Z	1.058	1.058	0	%100
105	M140	X	-.09	-.09	0	%100
106	M140	Z	.157	.157	0	%100
107	M141	X	-.466	-.466	0	%100
108	M141	Z	.808	.808	0	%100
109	M142	X	-.466	-.466	0	%100
110	M142	Z	.808	.808	0	%100
111	M143	X	-.024	-.024	0	%100
112	M143	Z	.042	.042	0	%100
113	M144	X	-.024	-.024	0	%100
114	M144	Z	.042	.042	0	%100
115	M145	X	-.024	-.024	0	%100
116	M145	Z	.042	.042	0	%100
117	M146	X	-.024	-.024	0	%100
118	M146	Z	.042	.042	0	%100
119	M147	X	-.024	-.024	0	%100
120	M147	Z	.042	.042	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.402	-.402	0	%100
2	M1	Z	.232	.232	0	%100
3	M2	X	-.402	-.402	0	%100
4	M2	Z	.232	.232	0	%100
5	M3	X	-1.609	-1.609	0	%100
6	M3	Z	.929	.929	0	%100
7	M4	X	-1.609	-1.609	0	%100
8	M4	Z	.929	.929	0	%100
9	M5	X	-.402	-.402	0	%100
10	M5	Z	.232	.232	0	%100
11	M6	X	-.402	-.402	0	%100
12	M6	Z	.232	.232	0	%100
13	M7	X	-.397	-.397	0	%100
14	M7	Z	.229	.229	0	%100
15	M8	X	-1.59	-1.59	0	%100
16	M8	Z	.918	.918	0	%100
17	M9	X	-.397	-.397	0	%100
18	M9	Z	.229	.229	0	%100
19	M13	X	-.091	-.091	0	%100
20	M13	Z	.052	.052	0	%100
21	M14A	X	-.023	-.023	0	%100
22	M14A	Z	.013	.013	0	%100
23	M18	X	-.023	-.023	0	%100
24	M18	Z	.013	.013	0	%100
25	M22	X	-.331	-.331	0	%100
26	M22	Z	.191	.191	0	%100
27	M23	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
28	M23	Z	0	0	0	%100
29	M24	X	-.331	-.331	0	%100
30	M24	Z	.191	.191	0	%100
31	M74	X	-.095	-.095	0	%100
32	M74	Z	.055	.055	0	%100
33	M80	X	-.379	-.379	0	%100
34	M80	Z	.219	.219	0	%100
35	M86	X	-.095	-.095	0	%100
36	M86	Z	.055	.055	0	%100
37	MP5A	X	-.576	-.576	0	%100
38	MP5A	Z	.332	.332	0	%100
39	MP1A	X	-.576	-.576	0	%100
40	MP1A	Z	.332	.332	0	%100
41	MP2C	X	-.576	-.576	0	%100
42	MP2C	Z	.332	.332	0	%100
43	MP5C	X	-.576	-.576	0	%100
44	MP5C	Z	.332	.332	0	%100
45	MP1C	X	-.576	-.576	0	%100
46	MP1C	Z	.332	.332	0	%100
47	MP5B	X	-.576	-.576	0	%100
48	MP5B	Z	.332	.332	0	%100
49	MP1B	X	-.576	-.576	0	%100
50	MP1B	Z	.332	.332	0	%100
51	M77A	X	-.576	-.576	0	%100
52	M77A	Z	.332	.332	0	%100
53	M77B	X	-.144	-.144	0	%100
54	M77B	Z	.083	.083	0	%100
55	M78	X	-.144	-.144	0	%100
56	M78	Z	.083	.083	0	%100
57	MP3C	X	-.576	-.576	0	%100
58	MP3C	Z	.332	.332	0	%100
59	M61	X	-.091	-.091	0	%100
60	M61	Z	.052	.052	0	%100
61	M64	X	0	0	0	%100
62	M64	Z	0	0	0	%100
63	M65	X	-.379	-.379	0	%100
64	M65	Z	.219	.219	0	%100
65	M68	X	-.023	-.023	0	%100
66	M68	Z	.013	.013	0	%100
67	M71	X	-.331	-.331	0	%100
68	M71	Z	.191	.191	0	%100
69	M72	X	-.095	-.095	0	%100
70	M72	Z	.055	.055	0	%100
71	M75A	X	-.023	-.023	0	%100
72	M75A	Z	.013	.013	0	%100
73	M78A	X	-.331	-.331	0	%100
74	M78A	Z	.191	.191	0	%100
75	M79	X	-.095	-.095	0	%100
76	M79	Z	.055	.055	0	%100
77	M88	X	-.167	-.167	0	%100
78	M88	Z	.096	.096	0	%100
79	M89A	X	-.167	-.167	0	%100
80	M89A	Z	.096	.096	0	%100
81	M90	X	-.669	-.669	0	%100
82	M90	Z	.386	.386	0	%100
83	M105	X	-.143	-.143	0	%100
84	M105	Z	.082	.082	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
85	M112	X	-.143	-.143	0	%100
86	M112	Z	.082	.082	0	%100
87	M119	X	-.57	-.57	0	%100
88	M119	Z	.329	.329	0	%100
89	MP2B	X	-.576	-.576	0	%100
90	MP2B	Z	.332	.332	0	%100
91	MP3B	X	-.576	-.576	0	%100
92	MP3B	Z	.332	.332	0	%100
93	MP2A	X	-.576	-.576	0	%100
94	MP2A	Z	.332	.332	0	%100
95	MP3A	X	-.576	-.576	0	%100
96	MP3A	Z	.332	.332	0	%100
97	MP4A	X	-.697	-.697	0	%100
98	MP4A	Z	.402	.402	0	%100
99	MP4C	X	-.697	-.697	0	%100
100	MP4C	Z	.402	.402	0	%100
101	MP4B	X	-.697	-.697	0	%100
102	MP4B	Z	.402	.402	0	%100
103	M139	X	-1.41	-1.41	0	%100
104	M139	Z	.814	.814	0	%100
105	M140	X	0	0	0	%100
106	M140	Z	0	0	0	%100
107	M141	X	-.808	-.808	0	%100
108	M141	Z	.466	.466	0	%100
109	M142	X	-.808	-.808	0	%100
110	M142	Z	.466	.466	0	%100
111	M143	X	0	0	0	%100
112	M143	Z	0	0	0	%100
113	M144	X	0	0	0	%100
114	M144	Z	0	0	0	%100
115	M145	X	0	0	0	%100
116	M145	Z	0	0	0	%100
117	M146	X	0	0	0	%100
118	M146	Z	0	0	0	%100
119	M147	X	0	0	0	%100
120	M147	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	-1.393	-1.393	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	-1.393	-1.393	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	-1.393	-1.393	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	-1.393	-1.393	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	0	0	0	%100
15	M8	X	-1.377	-1.377	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	-1.377	-1.377	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
18	M9	Z	0	0	0	%100
19	M13	X	-.079	-.079	0	%100
20	M13	Z	0	0	0	%100
21	M14A	X	-.079	-.079	0	%100
22	M14A	Z	0	0	0	%100
23	M18	X	0	0	0	%100
24	M18	Z	0	0	0	%100
25	M22	X	-.51	-.51	0	%100
26	M22	Z	0	0	0	%100
27	M23	X	-.127	-.127	0	%100
28	M23	Z	0	0	0	%100
29	M24	X	-.127	-.127	0	%100
30	M24	Z	0	0	0	%100
31	M74	X	0	0	0	%100
32	M74	Z	0	0	0	%100
33	M80	X	-.328	-.328	0	%100
34	M80	Z	0	0	0	%100
35	M86	X	-.328	-.328	0	%100
36	M86	Z	0	0	0	%100
37	MP5A	X	-.665	-.665	0	%100
38	MP5A	Z	0	0	0	%100
39	MP1A	X	-.665	-.665	0	%100
40	MP1A	Z	0	0	0	%100
41	MP2C	X	-.665	-.665	0	%100
42	MP2C	Z	0	0	0	%100
43	MP5C	X	-.665	-.665	0	%100
44	MP5C	Z	0	0	0	%100
45	MP1C	X	-.665	-.665	0	%100
46	MP1C	Z	0	0	0	%100
47	MP5B	X	-.665	-.665	0	%100
48	MP5B	Z	0	0	0	%100
49	MP1B	X	-.665	-.665	0	%100
50	MP1B	Z	0	0	0	%100
51	M77A	X	-.498	-.498	0	%100
52	M77A	Z	0	0	0	%100
53	M77B	X	-.498	-.498	0	%100
54	M77B	Z	0	0	0	%100
55	M78	X	0	0	0	%100
56	M78	Z	0	0	0	%100
57	MP3C	X	-.665	-.665	0	%100
58	MP3C	Z	0	0	0	%100
59	M61	X	-.079	-.079	0	%100
60	M61	Z	0	0	0	%100
61	M64	X	-.127	-.127	0	%100
62	M64	Z	0	0	0	%100
63	M65	X	-.328	-.328	0	%100
64	M65	Z	0	0	0	%100
65	M68	X	-.079	-.079	0	%100
66	M68	Z	0	0	0	%100
67	M71	X	-.127	-.127	0	%100
68	M71	Z	0	0	0	%100
69	M72	X	-.328	-.328	0	%100
70	M72	Z	0	0	0	%100
71	M75A	X	0	0	0	%100
72	M75A	Z	0	0	0	%100
73	M78A	X	-.51	-.51	0	%100
74	M78A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
75	M79	X	0	0	0	%100
76	M79	Z	0	0	0	%100
77	M88	X	-.579	-.579	0	%100
78	M88	Z	0	0	0	%100
79	M89A	X	0	0	0	%100
80	M89A	Z	0	0	0	%100
81	M90	X	-.579	-.579	0	%100
82	M90	Z	0	0	0	%100
83	M105	X	-.494	-.494	0	%100
84	M105	Z	0	0	0	%100
85	M112	X	0	0	0	%100
86	M112	Z	0	0	0	%100
87	M119	X	-.494	-.494	0	%100
88	M119	Z	0	0	0	%100
89	MP2B	X	-.665	-.665	0	%100
90	MP2B	Z	0	0	0	%100
91	MP3B	X	-.665	-.665	0	%100
92	MP3B	Z	0	0	0	%100
93	MP2A	X	-.665	-.665	0	%100
94	MP2A	Z	0	0	0	%100
95	MP3A	X	-.665	-.665	0	%100
96	MP3A	Z	0	0	0	%100
97	MP4A	X	-.804	-.804	0	%100
98	MP4A	Z	0	0	0	%100
99	MP4C	X	-.804	-.804	0	%100
100	MP4C	Z	0	0	0	%100
101	MP4B	X	-.804	-.804	0	%100
102	MP4B	Z	0	0	0	%100
103	M139	X	-1.221	-1.221	0	%100
104	M139	Z	0	0	0	%100
105	M140	X	-.181	-.181	0	%100
106	M140	Z	0	0	0	%100
107	M141	X	-.933	-.933	0	%100
108	M141	Z	0	0	0	%100
109	M142	X	-.933	-.933	0	%100
110	M142	Z	0	0	0	%100
111	M143	X	-.049	-.049	0	%100
112	M143	Z	0	0	0	%100
113	M144	X	-.049	-.049	0	%100
114	M144	Z	0	0	0	%100
115	M145	X	-.049	-.049	0	%100
116	M145	Z	0	0	0	%100
117	M146	X	-.049	-.049	0	%100
118	M146	Z	0	0	0	%100
119	M147	X	-.049	-.049	0	%100
120	M147	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.402	-.402	0	%100
2	M1	Z	-.232	-.232	0	%100
3	M2	X	-.402	-.402	0	%100
4	M2	Z	-.232	-.232	0	%100
5	M3	X	-.402	-.402	0	%100
6	M3	Z	-.232	-.232	0	%100
7	M4	X	-.402	-.402	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
8	M4	Z	-.232	-.232	0	%100
9	M5	X	-1.609	-1.609	0	%100
10	M5	Z	-.929	-.929	0	%100
11	M6	X	-1.609	-1.609	0	%100
12	M6	Z	-.929	-.929	0	%100
13	M7	X	-.397	-.397	0	%100
14	M7	Z	-.229	-.229	0	%100
15	M8	X	-.397	-.397	0	%100
16	M8	Z	-.229	-.229	0	%100
17	M9	X	-1.59	-1.59	0	%100
18	M9	Z	-.918	-.918	0	%100
19	M13	X	-.023	-.023	0	%100
20	M13	Z	-.013	-.013	0	%100
21	M14A	X	-.091	-.091	0	%100
22	M14A	Z	-.052	-.052	0	%100
23	M18	X	-.023	-.023	0	%100
24	M18	Z	-.013	-.013	0	%100
25	M22	X	-.331	-.331	0	%100
26	M22	Z	-.191	-.191	0	%100
27	M23	X	-.331	-.331	0	%100
28	M23	Z	-.191	-.191	0	%100
29	M24	X	0	0	0	%100
30	M24	Z	0	0	0	%100
31	M74	X	-.095	-.095	0	%100
32	M74	Z	-.055	-.055	0	%100
33	M80	X	-.095	-.095	0	%100
34	M80	Z	-.055	-.055	0	%100
35	M86	X	-.379	-.379	0	%100
36	M86	Z	-.219	-.219	0	%100
37	MP5A	X	-.576	-.576	0	%100
38	MP5A	Z	-.332	-.332	0	%100
39	MP1A	X	-.576	-.576	0	%100
40	MP1A	Z	-.332	-.332	0	%100
41	MP2C	X	-.576	-.576	0	%100
42	MP2C	Z	-.332	-.332	0	%100
43	MP5C	X	-.576	-.576	0	%100
44	MP5C	Z	-.332	-.332	0	%100
45	MP1C	X	-.576	-.576	0	%100
46	MP1C	Z	-.332	-.332	0	%100
47	MP5B	X	-.576	-.576	0	%100
48	MP5B	Z	-.332	-.332	0	%100
49	MP1B	X	-.576	-.576	0	%100
50	MP1B	Z	-.332	-.332	0	%100
51	M77A	X	-.144	-.144	0	%100
52	M77A	Z	-.083	-.083	0	%100
53	M77B	X	-.576	-.576	0	%100
54	M77B	Z	-.332	-.332	0	%100
55	M78	X	-.144	-.144	0	%100
56	M78	Z	-.083	-.083	0	%100
57	MP3C	X	-.576	-.576	0	%100
58	MP3C	Z	-.332	-.332	0	%100
59	M61	X	-.023	-.023	0	%100
60	M61	Z	-.013	-.013	0	%100
61	M64	X	-.331	-.331	0	%100
62	M64	Z	-.191	-.191	0	%100
63	M65	X	-.095	-.095	0	%100
64	M65	Z	-.055	-.055	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
65	M68	X	-.091	-.091	0	%100
66	M68	Z	-.052	-.052	0	%100
67	M71	X	0	0	0	%100
68	M71	Z	0	0	0	%100
69	M72	X	-.379	-.379	0	%100
70	M72	Z	-.219	-.219	0	%100
71	M75A	X	-.023	-.023	0	%100
72	M75A	Z	-.013	-.013	0	%100
73	M78A	X	-.331	-.331	0	%100
74	M78A	Z	-.191	-.191	0	%100
75	M79	X	-.095	-.095	0	%100
76	M79	Z	-.055	-.055	0	%100
77	M88	X	-.669	-.669	0	%100
78	M88	Z	-.386	-.386	0	%100
79	M89A	X	-.167	-.167	0	%100
80	M89A	Z	-.096	-.096	0	%100
81	M90	X	-.167	-.167	0	%100
82	M90	Z	-.096	-.096	0	%100
83	M105	X	-.57	-.57	0	%100
84	M105	Z	-.329	-.329	0	%100
85	M112	X	-.143	-.143	0	%100
86	M112	Z	-.082	-.082	0	%100
87	M119	X	-.143	-.143	0	%100
88	M119	Z	-.082	-.082	0	%100
89	MP2B	X	-.576	-.576	0	%100
90	MP2B	Z	-.332	-.332	0	%100
91	MP3B	X	-.576	-.576	0	%100
92	MP3B	Z	-.332	-.332	0	%100
93	MP2A	X	-.576	-.576	0	%100
94	MP2A	Z	-.332	-.332	0	%100
95	MP3A	X	-.576	-.576	0	%100
96	MP3A	Z	-.332	-.332	0	%100
97	MP4A	X	-.697	-.697	0	%100
98	MP4A	Z	-.402	-.402	0	%100
99	MP4C	X	-.697	-.697	0	%100
100	MP4C	Z	-.402	-.402	0	%100
101	MP4B	X	-.697	-.697	0	%100
102	MP4B	Z	-.402	-.402	0	%100
103	M139	X	-.353	-.353	0	%100
104	M139	Z	-.204	-.204	0	%100
105	M140	X	-.47	-.47	0	%100
106	M140	Z	-.271	-.271	0	%100
107	M141	X	-.808	-.808	0	%100
108	M141	Z	-.466	-.466	0	%100
109	M142	X	-.808	-.808	0	%100
110	M142	Z	-.466	-.466	0	%100
111	M143	X	-.127	-.127	0	%100
112	M143	Z	-.073	-.073	0	%100
113	M144	X	-.127	-.127	0	%100
114	M144	Z	-.073	-.073	0	%100
115	M145	X	-.127	-.127	0	%100
116	M145	Z	-.073	-.073	0	%100
117	M146	X	-.127	-.127	0	%100
118	M146	Z	-.073	-.073	0	%100
119	M147	X	-.127	-.127	0	%100
120	M147	Z	-.073	-.073	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.697	-.697	0	%100
2	M1	Z	-1.207	-1.207	0	%100
3	M2	X	-.697	-.697	0	%100
4	M2	Z	-1.207	-1.207	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	-.697	-.697	0	%100
10	M5	Z	-1.207	-1.207	0	%100
11	M6	X	-.697	-.697	0	%100
12	M6	Z	-1.207	-1.207	0	%100
13	M7	X	-.688	-.688	0	%100
14	M7	Z	-1.192	-1.192	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	-.688	-.688	0	%100
18	M9	Z	-1.192	-1.192	0	%100
19	M13	X	0	0	0	%100
20	M13	Z	0	0	0	%100
21	M14A	X	-.039	-.039	0	%100
22	M14A	Z	-.068	-.068	0	%100
23	M18	X	-.039	-.039	0	%100
24	M18	Z	-.068	-.068	0	%100
25	M22	X	-.064	-.064	0	%100
26	M22	Z	-.11	-.11	0	%100
27	M23	X	-.255	-.255	0	%100
28	M23	Z	-.441	-.441	0	%100
29	M24	X	-.064	-.064	0	%100
30	M24	Z	-.11	-.11	0	%100
31	M74	X	-.164	-.164	0	%100
32	M74	Z	-.284	-.284	0	%100
33	M80	X	0	0	0	%100
34	M80	Z	0	0	0	%100
35	M86	X	-.164	-.164	0	%100
36	M86	Z	-.284	-.284	0	%100
37	MP5A	X	-.332	-.332	0	%100
38	MP5A	Z	-.576	-.576	0	%100
39	MP1A	X	-.332	-.332	0	%100
40	MP1A	Z	-.576	-.576	0	%100
41	MP2C	X	-.332	-.332	0	%100
42	MP2C	Z	-.576	-.576	0	%100
43	MP5C	X	-.332	-.332	0	%100
44	MP5C	Z	-.576	-.576	0	%100
45	MP1C	X	-.332	-.332	0	%100
46	MP1C	Z	-.576	-.576	0	%100
47	MP5B	X	-.332	-.332	0	%100
48	MP5B	Z	-.576	-.576	0	%100
49	MP1B	X	-.332	-.332	0	%100
50	MP1B	Z	-.576	-.576	0	%100
51	M77A	X	0	0	0	%100
52	M77A	Z	0	0	0	%100
53	M77B	X	-.249	-.249	0	%100
54	M77B	Z	-.432	-.432	0	%100
55	M78	X	-.249	-.249	0	%100
56	M78	Z	-.432	-.432	0	%100
57	MP3C	X	-.332	-.332	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	MP3C	Z	-.576	-.576	0	%100
59	M61	X	0	0	0	%100
60	M61	Z	0	0	0	%100
61	M64	X	-.255	-.255	0	%100
62	M64	Z	-.441	-.441	0	%100
63	M65	X	0	0	0	%100
64	M65	Z	0	0	0	%100
65	M68	X	-.039	-.039	0	%100
66	M68	Z	-.068	-.068	0	%100
67	M71	X	-.064	-.064	0	%100
68	M71	Z	-.11	-.11	0	%100
69	M72	X	-.164	-.164	0	%100
70	M72	Z	-.284	-.284	0	%100
71	M75A	X	-.039	-.039	0	%100
72	M75A	Z	-.068	-.068	0	%100
73	M78A	X	-.064	-.064	0	%100
74	M78A	Z	-.11	-.11	0	%100
75	M79	X	-.164	-.164	0	%100
76	M79	Z	-.284	-.284	0	%100
77	M88	X	-.289	-.289	0	%100
78	M88	Z	-.501	-.501	0	%100
79	M89A	X	-.289	-.289	0	%100
80	M89A	Z	-.501	-.501	0	%100
81	M90	X	0	0	0	%100
82	M90	Z	0	0	0	%100
83	M105	X	-.247	-.247	0	%100
84	M105	Z	-.428	-.428	0	%100
85	M112	X	-.247	-.247	0	%100
86	M112	Z	-.428	-.428	0	%100
87	M119	X	0	0	0	%100
88	M119	Z	0	0	0	%100
89	MP2B	X	-.332	-.332	0	%100
90	MP2B	Z	-.576	-.576	0	%100
91	MP3B	X	-.332	-.332	0	%100
92	MP3B	Z	-.576	-.576	0	%100
93	MP2A	X	-.332	-.332	0	%100
94	MP2A	Z	-.576	-.576	0	%100
95	MP3A	X	-.332	-.332	0	%100
96	MP3A	Z	-.576	-.576	0	%100
97	MP4A	X	-.402	-.402	0	%100
98	MP4A	Z	-.697	-.697	0	%100
99	MP4C	X	-.402	-.402	0	%100
100	MP4C	Z	-.697	-.697	0	%100
101	MP4B	X	-.402	-.402	0	%100
102	MP4B	Z	-.697	-.697	0	%100
103	M139	X	0	0	0	%100
104	M139	Z	0	0	0	%100
105	M140	X	-.361	-.361	0	%100
106	M140	Z	-.626	-.626	0	%100
107	M141	X	-.466	-.466	0	%100
108	M141	Z	-.808	-.808	0	%100
109	M142	X	-.466	-.466	0	%100
110	M142	Z	-.808	-.808	0	%100
111	M143	X	-.098	-.098	0	%100
112	M143	Z	-.169	-.169	0	%100
113	M144	X	-.098	-.098	0	%100
114	M144	Z	-.169	-.169	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
115	M145	X	-.098	-.098	0	%100
116	M145	Z	-.169	-.169	0	%100
117	M146	X	-.098	-.098	0	%100
118	M146	Z	-.169	-.169	0	%100
119	M147	X	-.098	-.098	0	%100
120	M147	Z	-.169	-.169	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	Y	6.352e-5	-.0008338	0	.64
2	M1	Y	-.0008338	-.003	.64	1.28
3	M1	Y	-.003	-.004	1.28	1.92
4	M1	Y	-.004	-.004	1.92	2.56
5	M1	Y	-.004	-.005	2.56	3.2
6	M6	Y	-.005	-.004	2.133	2.773
7	M6	Y	-.004	-.003	2.773	3.413
8	M6	Y	-.003	-.003	3.413	4.053
9	M6	Y	-.003	-.001	4.053	4.693
10	M6	Y	-.001	6.17e-5	4.693	5.333
11	M4	Y	-.008	-.009	0	1.067
12	M4	Y	-.009	-.008	1.067	2.133
13	M4	Y	-.008	-.005	2.133	3.2
14	M4	Y	-.005	-.002	3.2	4.267
15	M4	Y	-.002	-.0001603	4.267	5.333
16	M5	Y	7.241e-5	-.002	0	1.067
17	M5	Y	-.002	-.005	1.067	2.133
18	M5	Y	-.005	-.006	2.133	3.2
19	M5	Y	-.006	-.007	3.2	4.267
20	M5	Y	-.007	-.01	4.267	5.333
21	M2	Y	-.008	-.009	0	1.067
22	M2	Y	-.009	-.008	1.067	2.133
23	M2	Y	-.008	-.005	2.133	3.2
24	M2	Y	-.005	-.002	3.2	4.267
25	M2	Y	-.002	-.0001603	4.267	5.333
26	M3	Y	7.241e-5	-.002	0	1.067
27	M3	Y	-.002	-.005	1.067	2.133
28	M3	Y	-.005	-.006	2.133	3.2
29	M3	Y	-.006	-.007	3.2	4.267
30	M3	Y	-.007	-.01	4.267	5.333
31	M7	Y	-.001	-.003	0	.51
32	M7	Y	-.003	-.003	.51	1.02
33	M7	Y	-.003	-.005	1.02	1.53
34	M7	Y	-.005	-.004	1.53	2.04
35	M7	Y	-.004	-7.867e-5	2.04	2.55
36	M8	Y	-4.213e-5	-.003	2.55	3.06
37	M8	Y	-.003	-.005	3.06	3.57
38	M8	Y	-.005	-.003	3.57	4.08
39	M8	Y	-.003	-.002	4.08	4.59
40	M8	Y	-.002	-.001	4.59	5.1
41	M7	Y	-4.213e-5	-.003	2.55	3.06
42	M7	Y	-.003	-.005	3.06	3.57
43	M7	Y	-.005	-.003	3.57	4.08
44	M7	Y	-.003	-.002	4.08	4.59
45	M7	Y	-.002	-.001	4.59	5.1
46	M9	Y	-.001	-.003	0	.51
47	M9	Y	-.003	-.003	.51	1.02

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
48	M9	Y	-.003	-.005	1.02	1.53
49	M9	Y	-.005	-.004	1.53	2.04
50	M9	Y	-.004	-7.867e-5	2.04	2.55
51	M8	Y	-.001	-.003	0	.51
52	M8	Y	-.003	-.003	.51	1.02
53	M8	Y	-.003	-.005	1.02	1.53
54	M8	Y	-.005	-.004	1.53	2.04
55	M8	Y	-.004	-7.867e-5	2.04	2.55
56	M9	Y	-4.213e-5	-.003	2.55	3.06
57	M9	Y	-.003	-.005	3.06	3.57
58	M9	Y	-.005	-.003	3.57	4.08
59	M9	Y	-.003	-.002	4.08	4.59
60	M9	Y	-.002	-.001	4.59	5.1

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	Y	.0001247	-.002	0	.64
2	M1	Y	-.002	-.005	.64	1.28
3	M1	Y	-.005	-.007	1.28	1.92
4	M1	Y	-.007	-.008	1.92	2.56
5	M1	Y	-.008	-.01	2.56	3.2
6	M6	Y	-.011	-.008	2.133	2.773
7	M6	Y	-.008	-.007	2.773	3.413
8	M6	Y	-.007	-.006	3.413	4.053
9	M6	Y	-.006	-.003	4.053	4.693
10	M6	Y	-.003	.0001211	4.693	5.333
11	M4	Y	-.016	-.018	0	1.067
12	M4	Y	-.018	-.016	1.067	2.133
13	M4	Y	-.016	-.01	2.133	3.2
14	M4	Y	-.01	-.005	3.2	4.267
15	M4	Y	-.005	-.0003147	4.267	5.333
16	M5	Y	.0001421	-.004	0	1.067
17	M5	Y	-.004	-.011	1.067	2.133
18	M5	Y	-.011	-.012	2.133	3.2
19	M5	Y	-.012	-.013	3.2	4.267
20	M5	Y	-.013	-.019	4.267	5.333
21	M2	Y	-.016	-.018	0	1.067
22	M2	Y	-.018	-.016	1.067	2.133
23	M2	Y	-.016	-.01	2.133	3.2
24	M2	Y	-.01	-.005	3.2	4.267
25	M2	Y	-.005	-.0003147	4.267	5.333
26	M3	Y	.0001421	-.004	0	1.067
27	M3	Y	-.004	-.011	1.067	2.133
28	M3	Y	-.011	-.012	2.133	3.2
29	M3	Y	-.012	-.013	3.2	4.267
30	M3	Y	-.013	-.019	4.267	5.333
31	M7	Y	-.002	-.005	0	.51
32	M7	Y	-.005	-.006	.51	1.02
33	M7	Y	-.006	-.009	1.02	1.53
34	M7	Y	-.009	-.007	1.53	2.04
35	M7	Y	-.007	-.0001544	2.04	2.55
36	M8	Y	-8.269e-5	-.006	2.55	3.06
37	M8	Y	-.006	-.01	3.06	3.57
38	M8	Y	-.01	-.006	3.57	4.08
39	M8	Y	-.006	-.004	4.08	4.59
40	M8	Y	-.004	-.003	4.59	5.1

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
41	M7	Y	-8.269e-5	-.006	2.55	3.06
42	M7	Y	-.006	-.01	3.06	3.57
43	M7	Y	-.01	-.006	3.57	4.08
44	M7	Y	-.006	-.004	4.08	4.59
45	M7	Y	-.004	-.003	4.59	5.1
46	M9	Y	-.002	-.005	0	.51
47	M9	Y	-.005	-.006	.51	1.02
48	M9	Y	-.006	-.009	1.02	1.53
49	M9	Y	-.009	-.007	1.53	2.04
50	M9	Y	-.007	-.0001544	2.04	2.55
51	M8	Y	-.002	-.005	0	.51
52	M8	Y	-.005	-.006	.51	1.02
53	M8	Y	-.006	-.009	1.02	1.53
54	M8	Y	-.009	-.007	1.53	2.04
55	M8	Y	-.007	-.0001544	2.04	2.55
56	M9	Y	-8.269e-5	-.006	2.55	3.06
57	M9	Y	-.006	-.01	3.06	3.57
58	M9	Y	-.01	-.006	3.57	4.08
59	M9	Y	-.006	-.004	4.08	4.59
60	M9	Y	-.004	-.003	4.59	5.1

Member Area Loads (BLC 39 : Structure D)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[psf]
1	N269	N88	N106	N268	Y	A-D	-.005
2	N12	N108	N96	N11	Y	A-D	-.005
3	N14	N98	N86	N13	Y	A-D	-.005
4	N75A	N11A	N12	N73	Y	A-D	-.005
5	N72	N11	N14	N79A	Y	A-D	-.005
6	N78A	N13	N12A	N76A	Y	A-D	-.005

Member Area Loads (BLC 40 : Structure Di)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[psf]
1	N269	N88	N106	N268	Y	A-D	-.01
2	N12	N108	N96	N11	Y	A-D	-.01
3	N14	N98	N86	N13	Y	A-D	-.01
4	N75A	N11A	N12	N73	Y	A-D	-.01
5	N72	N11	N14	N79A	Y	A-D	-.01
6	N78A	N13	N12A	N76A	Y	A-D	-.01

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	N8	max	4.289	12	3187.442	7	1893.592	7	0	51	0	51	0	51
2		min	-4.289	2	-8142.492	1	-1943	1	0	1	0	1	0	1
3	N72	max	3614.212	12	6570.643	2	1392.525	12	0	51	0	51	0	51
4		min	-3627.926	6	-3202.05	8	-1347.508	6	0	1	0	1	0	1
5	N73	max	3294.933	8	7329.39	12	1465.781	1	0	51	0	51	0	51
6		min	-3303.499	2	-3728.977	6	-1438.66	7	0	1	0	1	0	1
7	N75A	max	746.656	1	6692.021	10	3715.702	2	0	51	0	51	0	51
8		min	-762.459	7	-2904.491	4	-3667.158	8	0	1	0	1	0	1
9	N76A	max	3396.581	9	7250.012	8	2256.791	11	0	51	0	51	0	51
10		min	-3405.552	3	-3549.345	2	-2356.184	5	0	1	0	1	0	1
11	N77A	max	1617.004	5	3215.355	11	933.577	5	0	51	0	51	0	51
12		min	-1661.971	11	-7934.617	5	-959.539	11	0	1	0	1	0	1

Envelope Joint Reactions (Continued)

	Joint		X [lb]	LC	Y [lb]	LC	Z [lb]	LC	MX [k-ft]	LC	MY [k-ft]	LC	MZ [k-ft]	LC
13	N78A	max	2691.652	10	6589.647	6	2374.443	4	0	51	0	51	0	51
14		min	-2727.324	4	-3294.585	12	-2345.736	10	0	1	0	1	0	1
15	N79A	max	648.77	7	6987.711	4	3730.469	12	0	51	0	51	0	51
16		min	-570.416	1	-3666.907	10	-3706.445	6	0	1	0	1	0	1
17	N194	max	1702.361	3	2779.149	3	971.532	9	0	51	0	51	0	51
18		min	-1682.743	9	-7992.994	9	-982.858	3	0	1	0	1	0	1
19	Totals:	max	7584.071	10	7374.453	15	7689.089	1						
20		min	-7584.071	4	3246.612	9	-7689.09	7						

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

	Member	Shape	Code Check	Loc[ft]	LC	Shear C...	Lo...	Dir	LC	phi*Pn...	phi*...	phi*...	phi*...	...	Eqn
1	M1	C5X6.7	.896	5.111	6	.851	5....	z	10	25851....	63828	1.604	9.585	...	H1-...
2	M2	C5X6.7	.789	.222	6	.851	0	z	10	25851....	63828	1.604	9.585	...	H1-...
3	M3	C5X6.7	.853	5.111	2	.878	5....	z	12	25851....	63828	1.604	9.585	...	H1-...
4	M4	C5X6.7	.861	.222	4	.878	0	z	12	25851....	63828	1.604	9.585	...	H1-...
5	M5	C5X6.7	.846	5.111	10	.869	5....	z	8	25851....	63828	1.604	9.585	...	H1-...
6	M6	C5X6.7	.897	.222	12	.869	0	z	8	25851....	63828	1.604	9.585	...	H1-...
7	M7	C5X6.7	.660	2.125	1	.322	2....	y	11	27931....	63828	1.604	9.585	...	H1-...
8	M8	C5X6.7	.665	2.125	9	.323	2....	y	11	27931....	63828	1.604	9.585	...	H1-...
9	M9	C5X6.7	.647	2.125	5	.310	2....	y	3	27931....	63828	1.604	9.585	...	H1-...
10	M13	PL3/8X8	.068	.667	12	.037	.333	y	11	72912....	97200	.759	16.2	...	H1-...
11	M14A	PL3/8X8	.070	.667	8	.038	.333	y	7	72912....	97200	.759	16.2	...	H1-...
12	M18	PL3/8X8	.068	.667	4	.039	.333	y	11	72912....	97200	.759	16.2	...	H1-...
13	M22	C5X6.7	.285	.578	2	.118	1....	y	4	59424....	63828	1.604	9.585	...	H1-...
14	M23	C5X6.7	.283	.578	8	.120	1.5	y	12	59424....	63828	1.604	9.585	...	H1-...
15	M24	C5X6.7	.267	.578	6	.111	.891	y	2	59424....	63828	1.604	9.585	...	H1-...
16	M74	HSS2X2X4	.200	.75	11	.093	.75	z	5	54827....	57078	3.037	3.037	...	H1-...
17	M80	HSS2X2X4	.195	.75	7	.095	.75	z	1	54827....	57078	3.037	3.037	...	H1-...
18	M86	HSS2X2X4	.184	.75	3	.088	.75	z	1	54827....	57078	3.037	3.037	...	H1-...
19	MP5A	PIPE_2.0	.341	4.097	7	.325	4....		8	18857....	32130	1.872	1.872	...	H1-...
20	MP1A	PIPE_2.0	.321	3.902	7	.298	3....		6	19485....	32130	1.872	1.872	...	H1-...
21	MP2C	PIPE_2.0	.722	1.111	6	.108	3....		6	18857....	32130	1.872	1.872	...	H1-...
22	MP5C	PIPE_2.0	.341	4.097	3	.314	4....		4	18857....	32130	1.872	1.872	...	H1-...
23	MP1C	PIPE_2.0	.341	4.097	3	.327	4....		2	18857....	32130	1.872	1.872	...	H1-...
24	MP5B	PIPE_2.0	.340	4.097	11	.330	4....		12	18857....	32130	1.872	1.872	...	H1-...
25	MP1B	PIPE_2.0	.340	4.097	11	.321	4....		10	18857....	32130	1.872	1.872	...	H1-...
26	M77A	PIPE_2.0	.893	9.479	12	.223	5....		4	7226.8...	32130	1.872	1.872	...	H1-...
27	M77B	PIPE_2.0	.918	9.479	8	.231	5....		12	7226.8...	32130	1.872	1.872	...	H1-...
28	M78	PIPE_2.0	.876	9.479	4	.217	5....		8	7226.8...	32130	1.872	1.872	...	H1-...
29	MP3C	PIPE_2.0	.939	1.094	6	.082	4....		6	17855....	32130	1.872	1.872	...	H1-...
30	M61	PL3/8X8	.128	.333	1	.089	.333	y	11	72912....	97200	.759	16.2	...	H1-...
31	M64	C5X6.7	.391	0	12	.159	.187	y	12	59424....	63828	1.604	9.585	...	H1-...
32	M65	HSS2X2X4	.275	.75	10	.139	.75	z	8	54827....	57078	3.037	3.037	...	H1-...
33	M68	PL3/8X8	.121	.333	2	.082	.333	y	7	72912....	97200	.759	16.2	...	H1-...
34	M71	C5X6.7	.369	0	8	.149	.406	y	8	59424....	63828	1.604	9.585	...	H1-...
35	M72	HSS2X2X4	.264	.75	4	.135	.75	z	6	54827....	57078	3.037	3.037	...	H1-...
36	M75A	PL3/8X8	.127	.333	10	.087	.333	y	3	72912....	97200	.759	16.2	...	H1-...
37	M78A	C5X6.7	.387	0	4	.156	0	y	4	59424....	63828	1.604	9.585	...	H1-...
38	M79	HSS2X2X4	.275	.75	2	.140	.75	z	2	54827....	57078	3.037	3.037	...	H1-...
39	M88	L2.5x2.5x3	.274	1.103	2	.446	0	z	2	27589....	2919..	.873	1.972	...	H2-1
40	M89A	L2.5x2.5x3	.269	1.103	3	.443	0	z	10	27589....	2919..	.873	1.972	...	H2-1
41	M90	L2.5x2.5x3	.276	1.103	11	.434	0	z	6	27589....	2919..	.873	1.972	...	H2-1
42	M105	PIPE_2.0	.068	2.324	2	.242	0		2	24234....	32130	1.872	1.872	...	H3-6
43	M112	PIPE_2.0	.065	2.324	10	.235	0		10	24234....	32130	1.872	1.872	...	H3-6
44	M119	PIPE_2.0	.071	2.324	6	.246	0		6	24234....	32130	1.872	1.872	...	H3-6

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

	Member	Shape	Code Check	Loc[ft]	LC	Shear C...	Lo...	Dir	LC	phi*Pn...	phi*...	phi*...	phi*...	...	Eqn
45	MP2B	PIPE_2.0	.748	1.111	1	.089	3....		2	18857....	32130	1.872	1.872	...	H1-...
46	MP3B	PIPE_2.0	.948	1.094	2	.083	4....		8	17855....	32130	1.872	1.872	...	H1-...
47	MP2A	PIPE_2.0	.684	1.361	10	.096	3....		10	18230....	32130	1.872	1.872	...	H1-...
48	MP3A	PIPE_2.0	.913	1.094	10	.092	4....		10	17855....	32130	1.872	1.872	...	H1-...
49	MP4A	PIPE_2.5	.486	.75	5	.178	4		4	37773....	50715	3.596	3.596	...	H1-...
50	MP4C	PIPE_2.5	.468	.75	12	.176	4		12	37773....	50715	3.596	3.596	...	H1-...
51	MP4B	PIPE_2.5	.449	.75	2	.174	4		2	37773....	50715	3.596	3.596	...	H1-...
52	M139	C5X6.7	.006	.662	9	.067	.662	z	8	48979....	63828	1.604	9.585	...	H1-...
53	M140	L2x2x4	.213	1.917	2	.305	1....	z	6	25395....	3058..	.691	1.577	...	H2-1
54	M141	L2x2x4	.114	2.031	9	.011	1....	y	1	8872.1...	3058..	.691	1.577	...	H2-1
55	M142	L2x2x4	.084	2.969	12	.009	3....	y	12	8872.1...	3058..	.691	1.529	...	H2-1
56	M143	SR_0.75	.006	.667	24	.015	1....		5	9756.1...	1431..	.179	.179	...	H1-...
57	M144	SR_0.75	.009	1.333	1	.014	1....		5	9756.1...	1431..	.179	.179	...	H1-...
58	M145	SR_0.75	.007	.667	24	.014	1....		7	9756.1...	1431..	.179	.179	...	H1-...
59	M146	SR_0.75	.006	.667	24	.020	0		8	9756.1...	1431..	.179	.179	...	H1-...
60	M147	SR_0.75	.006	.667	24	.022	0		8	9756.1...	1431..	.179	.179	...	H1-...

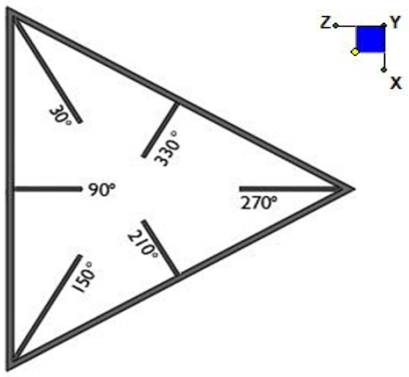
Client:	Verizon Wireless	Date:	5/13/2021
Site Name:	Newton CT		
Project No.	21777075A		
Title:	Antenna Mount Analysis	Page:	1

Version 3.1

I. Mount-to-Tower Connection Check

RISA Model Data

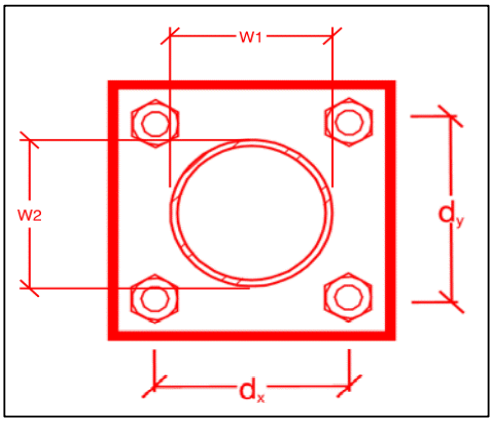
Nodes *(labeled per RISA)*	Orientation *(per graphic of typical platform)*
n72	270
n8	270
n73	270
n79a	150
n77a	150
n78a	150
n76a	30
n194	30
n75a	30



TYPICAL PLATFORM

Tower Connection Bolt Checks

Any moment resistance?:	no
Bolt Quantity per Reaction:	1
d_x (in) *(Delta X of typ. bolt config. sketch)* :	
d_y (in) *(Delta Y of typ. bolt config. sketch)* :	
Bolt Type:	A325N
Bolt Diameter (in):	0.625
Required Tensile Strength (kips):	2.3
Required Shear Strength (kips):	8.1
Tensile Strength / bolt (kips):	20.7
Shear Strength / bolt (kips):	12.4
Tensile Capacity Overall:	**10.9%***
Shear Capacity Overall:	**65.5%**



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

Mount Desktop – Post Modification Inspection (PMI) Report Requirements

Documents & Photos Required from Contractor – Passing Mount Analysis

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

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

Base Requirements:

- Any special photos outside of the standard requirements will be indicated on the passing MA
- Verification that loading is as communicated in the Passing Mount Analysis. NOTE If loading is different than what is conveyed contact Maser Consulting Connecticut immediately.
- Each photo should be time and date stamped
- Photos should be high resolution and submitted in a Zip File and should be organized in the file structure as depicted in Schedule A attached.
- Contractor shall ensure that the safety climb wire rope is supported and not adversely impacted by the install of the modification components. This may involve the install of wire rope guides, or other items to protect the wire rope.
- The photos in the file structure should be uploaded to ***https://pmi.vzwsmart.com*** as depicted on the drawings

Photo Requirements:

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

- These photos should also certify that the placement and geometry of the equipment on the mount is as depicted on the sketch and table in the mount analysis
- Photos showing the safety climb wire rope above and below the mount prior to modification.
- Photos showing the climbing facility and safety climb if present.

Antenna & equipment placement and Geometry Confirmation:

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

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

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

Certifying Individual: Company _____

Name _____

Signature _____

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

Issue:

Contractor shall relocate existing ovps to positions 2 in beta and gamma sectors. Contractor shall attach existing ovps 28” from top of mount pipe.

Contractor shall relocate existing mount pipe in position 2, 12" to the left. Drill new holes in existing face horizontal members as required to utilize existing connection hardware or connect with 0.5” thick U bolts. Contractor shall attach it to support rail with a crossover plate (VZWSMART-MSK1 or EOR equivalent) 15.5” from top of mount pipe.

Contractor shall replace position 4 mount pipe with 72” long P2.5STD pipe. Contractor shall install proposed mount pipe in position 4, 12" to the left of its original location. Drill new holes in existing face horizontal members as required to utilize existing connection hardware or connect with 0.5” thick U bolts. Contractor shall attach it to support rail with a crossover plate (VZWSMART-MSK1) 9” from top of mount pipe.

Positions read from in front of the mount, position one starting on the right side.

Response:

Schedule A – Photo & Document File Structure

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

Structure: 467643-VZW - NEWTOWN CT

Sector: **A**

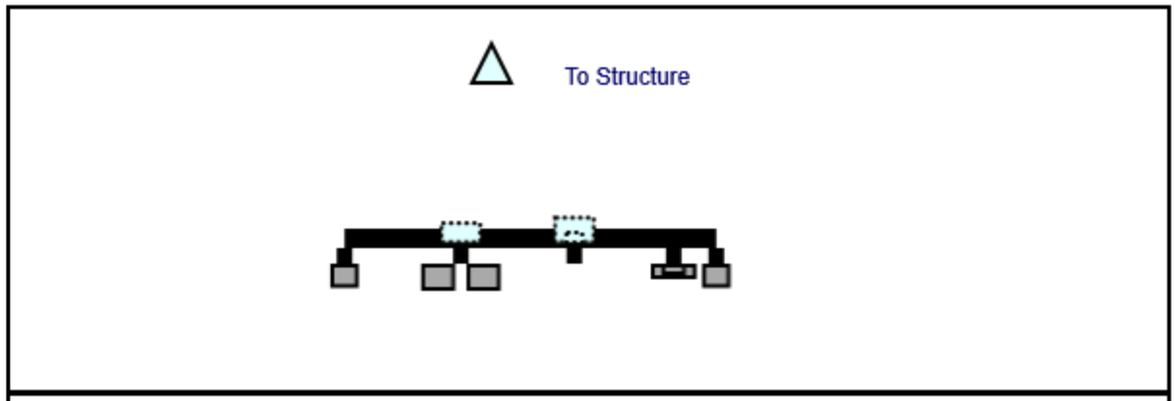
Structure Type: Monopole

Mount Elev: 183.38

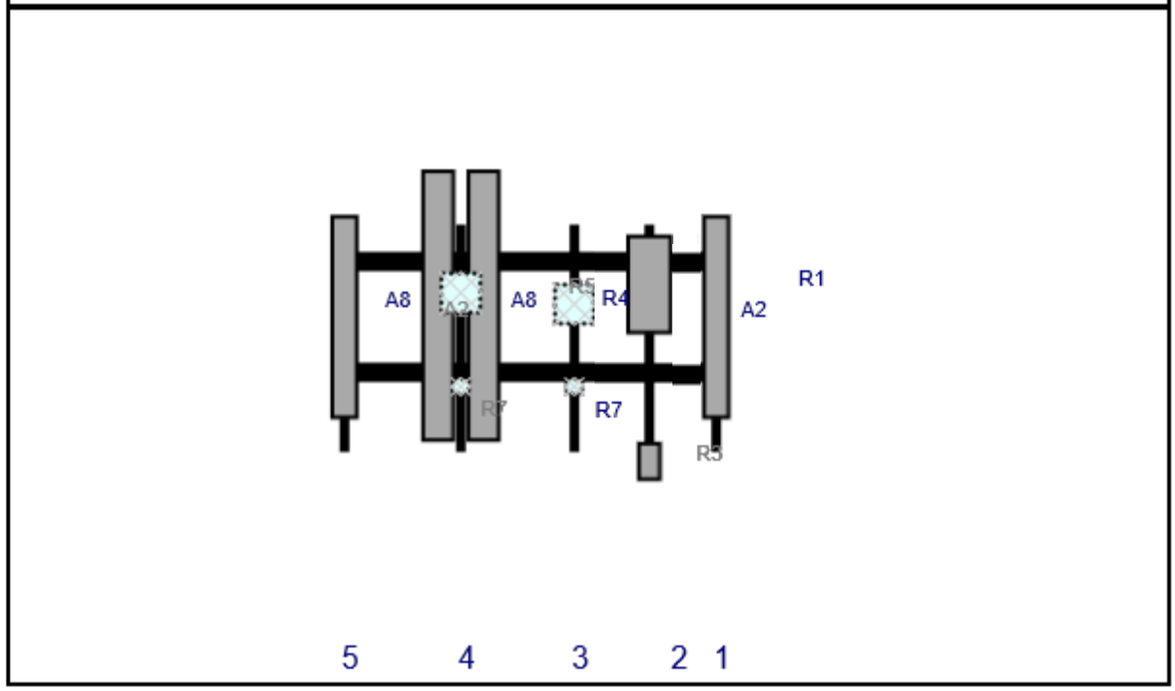
5/13/2021

MASER CONSULTING CONNECTICUT

Plan View



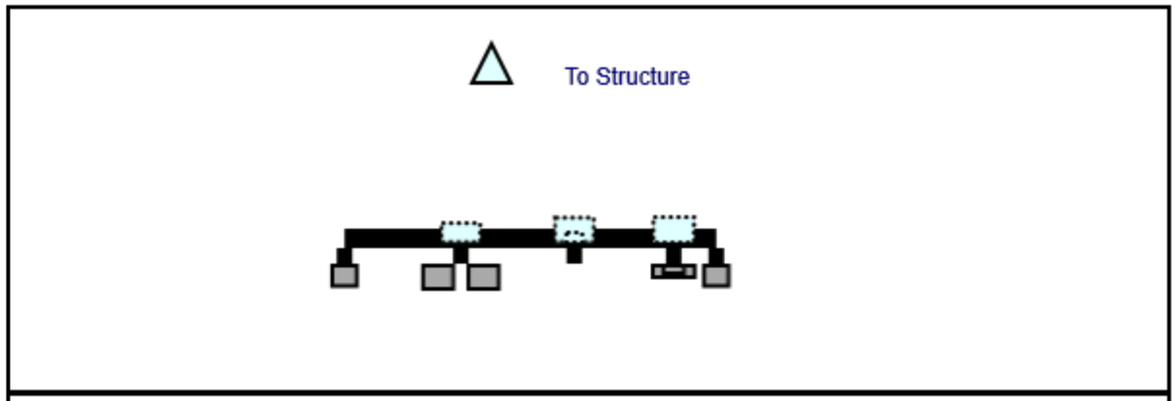
Front View
Looking at Structure



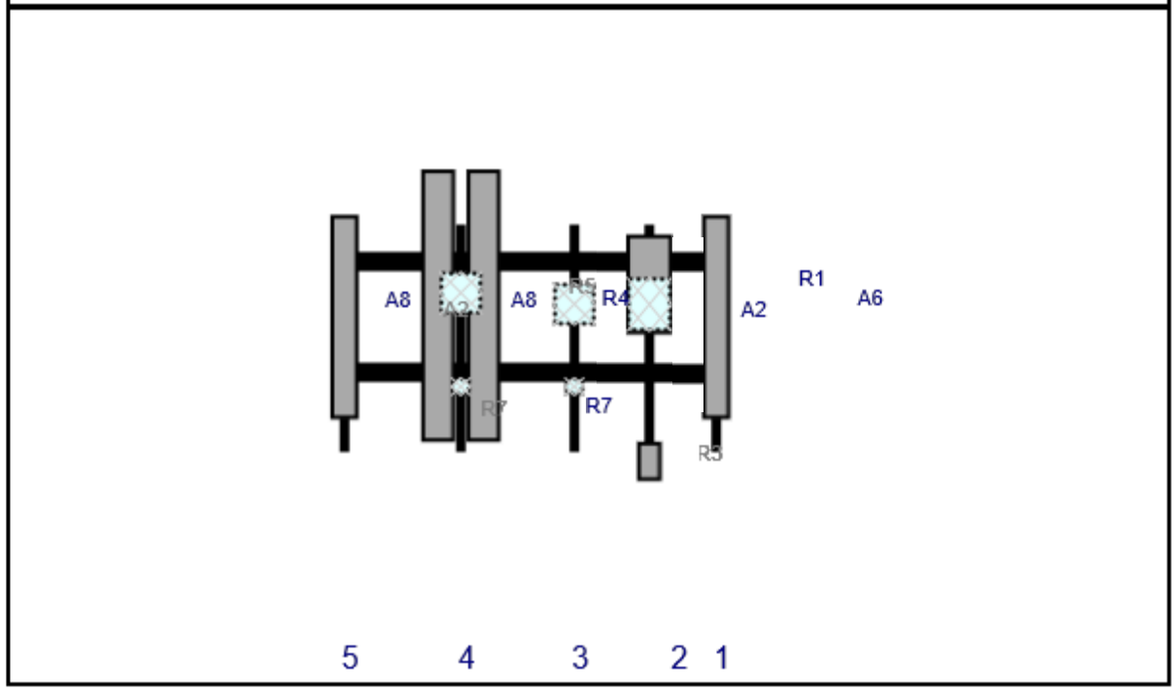
Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A2	DB846F65ZAXY	72	10	131	1	a	Front	32.52	0	Retained	03/09/2021
R1	MT6407-77A	35.1	16.1	116	2	a	Front	21	0	Added	
R3	CBRS RRH - RT4401-48A	13.9	8.6	116	2	a	Front	83.04	0	Retained	03/09/2021
R4	B2/B66A RRH-BR049	15	15	81	3	a	Behind	27.96	0	Retained	03/09/2021
R7	CBC78T-DS-43	6.4	6.9	81	3	a	Behind	57	0	Retained	03/09/2021
A8	QS8658-5	96	12	41	4	a	Front	28.56	8	Retained	03/09/2021
A8	QS8658-5	96	12	41	4	b	Front	28.56	-8	Retained	03/09/2021
R5	B5/B13 RRH-BR04C	15	15	41	4	a	Behind	24	0	Retained	03/09/2021
R7	CBC78T-DS-43	6.4	6.9	41	4	b	Behind	57	0	Retained	03/09/2021
A2	DB846F65ZAXY	72	10	0	5	a	Front	32.52	0	Retained	03/09/2021

MASER CONSULTING CONNECTICUT

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
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A6	RRFDC-3315-PF-48	19.1	15.7	116	2	a	Behind	27.96	0	Retained	03/09/2021
R4	B2/B66A RRH-BR049	15	15	81	3	a	Behind	27.96	0	Retained	03/09/2021
R7	CBC78T-DS-43	6.4	6.9	81	3	a	Behind	57	0	Retained	03/09/2021
A8	QS8658-5	96	12	41	4	a	Front	28.56	8	Retained	03/09/2021
A8	QS8658-5	96	12	41	4	b	Front	28.56	-8	Retained	03/09/2021
R5	B5/B13 RRH-BR04C	15	15	41	4	a	Behind	24	0	Retained	03/09/2021
R7	CBC78T-DS-43	6.4	6.9	41	4	b	Behind	57	0	Retained	03/09/2021
A2	DB846F65ZAXY	72	10	0	5	a	Front	32.52	0	Retained	03/09/2021

Sector: **C**

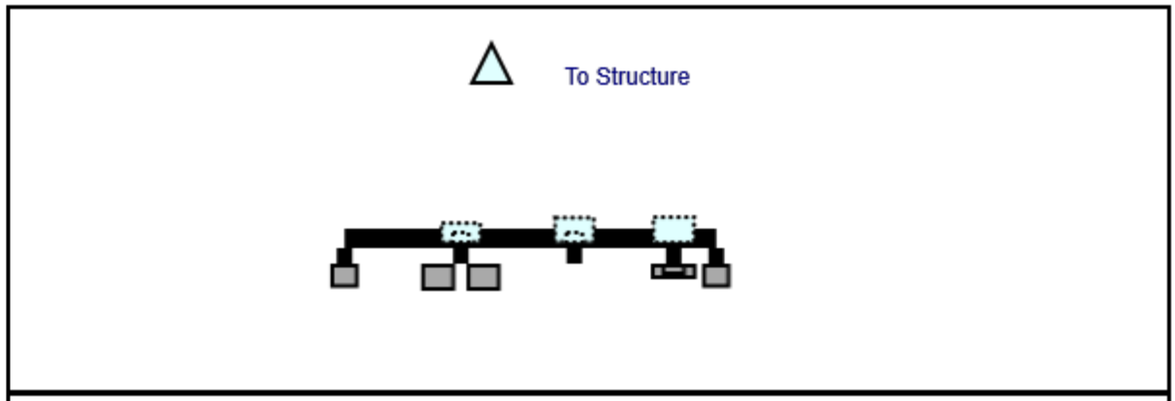
Structure Type: Monopole

Mount Elev: 183.38

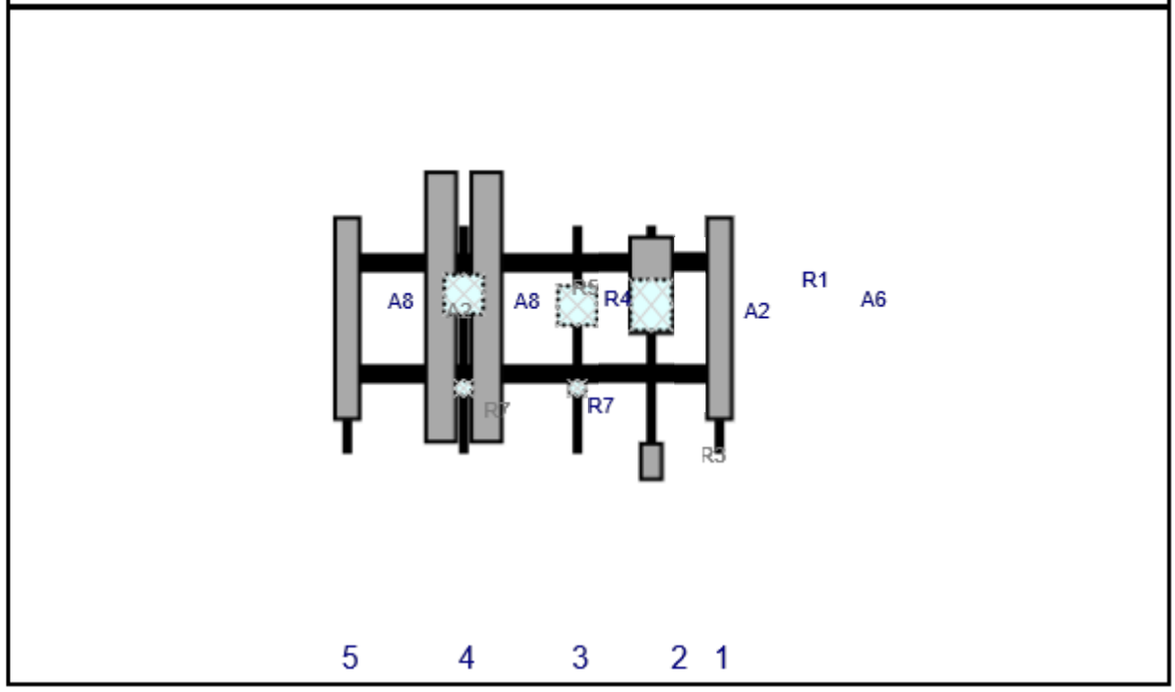
5/13/2021

MASER CONSULTING — CONNECTICUT —

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
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R7	CBC78T-DS-43	6.4	6.9	41	4	a	Behind	57	0	Retained	03/09/2021
A2	DB846F65ZAXY	72	10	0	5	a	Front	32.52	0	Retained	03/09/2021

Maser Consulting Connecticut

MASER CONSULTING
— CONNECTICUT —

Subject		TIA-222-H Usage
Site Information	Site ID:	467643-VZW / NEWTOWN CT
	Site Name:	NEWTOWN CT
	Carrier Name:	Verizon Wireless
	Address:	Rte. 34 Washington Ave Newtown, Connecticut 06482 Fairfield County
	Latitude:	41.412596°
	Longitude:	-73.270394°
Structure Information	Tower Type:	186.00-Ft Monopole
	Mount Type:	10.67-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 map by ASCE 7 based on updated studies of the wind data.

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

Sincerely,

Dejian Xu

Dejian Xu, PE
Technical Manager

Exhibit F

Power Density/RF Emissions Report

Site Name: ***NEWTOWN 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	741	2966	185	0.0031	0.5007	0.62%
VZW CDMA	877.26	2	478	955	185	0.0010	0.5848	0.17%
VZW Cellular	874	4	841	3364	185	0.0035	0.5827	0.61%
VZW PCS	1980	4	1240	4960	185	0.0052	1.0000	0.52%
VZW AWS	2120	4	1315	5260	185	0.0055	1.0000	0.55%
VZW CBRS	3625	4	11	43	185	0.0000	1.0000	0.00%
VZW CBAND	3730.005	4	6531	26125	185	0.0275	1.0000	2.75%
Total Percentage of Maximum Permissible Exposure								5.22%

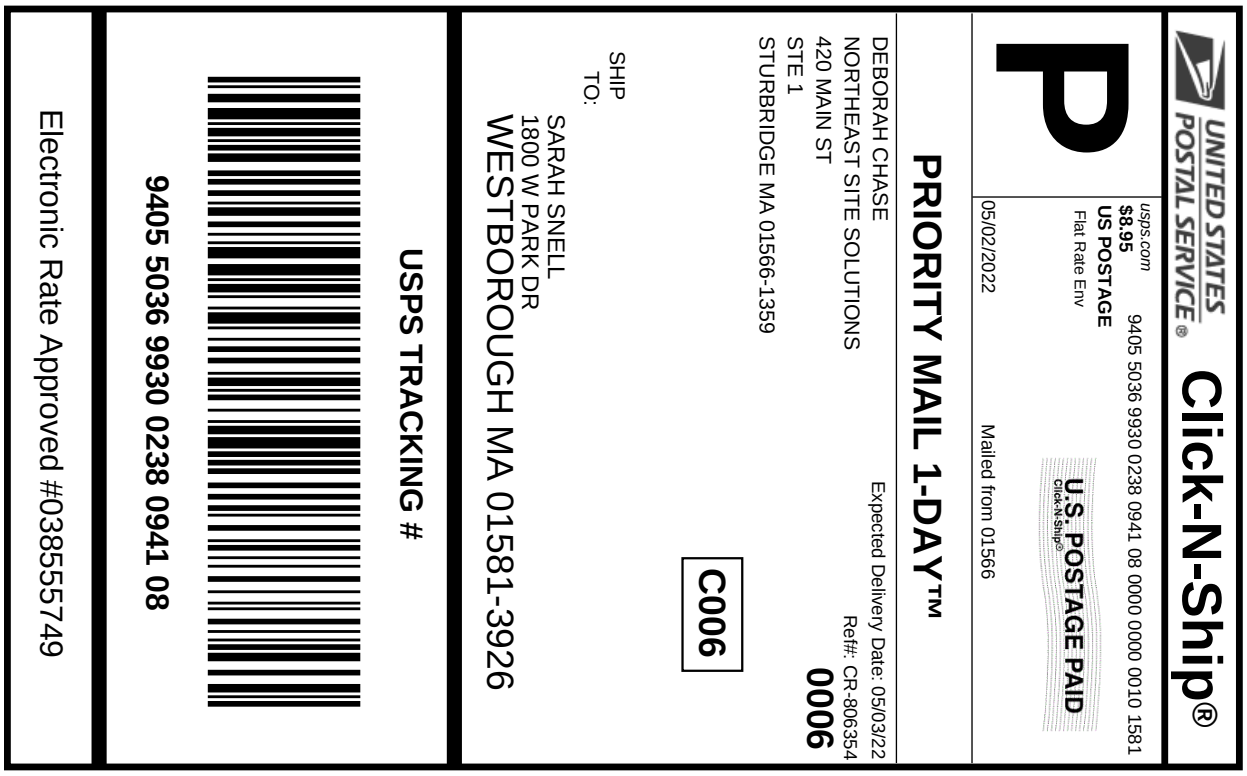
*Guidelines adopted by the FCC on August 1, 1996, 47 CFR Part 1 based on NCRP Report 86, 1986 and generally on ANSI/IEEE C95.1-1992
**Calculation includes a -10 dB Off Beam Antenna Pattern Adjustment pursuant to Attachments B and C of the Siting Council's November 10, 2015 Memorandum for Exempt Modification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

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

Absolute worst case maximum values used.

Exhibit G

Recipient Mailings



Cut on dotted line.

Instructions

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

Click-N-Ship® Label Record

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9405 5036 9930 0238 0941 08

Trans. #:	562583431
Print Date:	05/02/2022
Ship Date:	05/02/2022
Expected Delivery Date:	05/03/2022

Priority Mail® Postage:	**$8.95**
Total:	**$8.95**

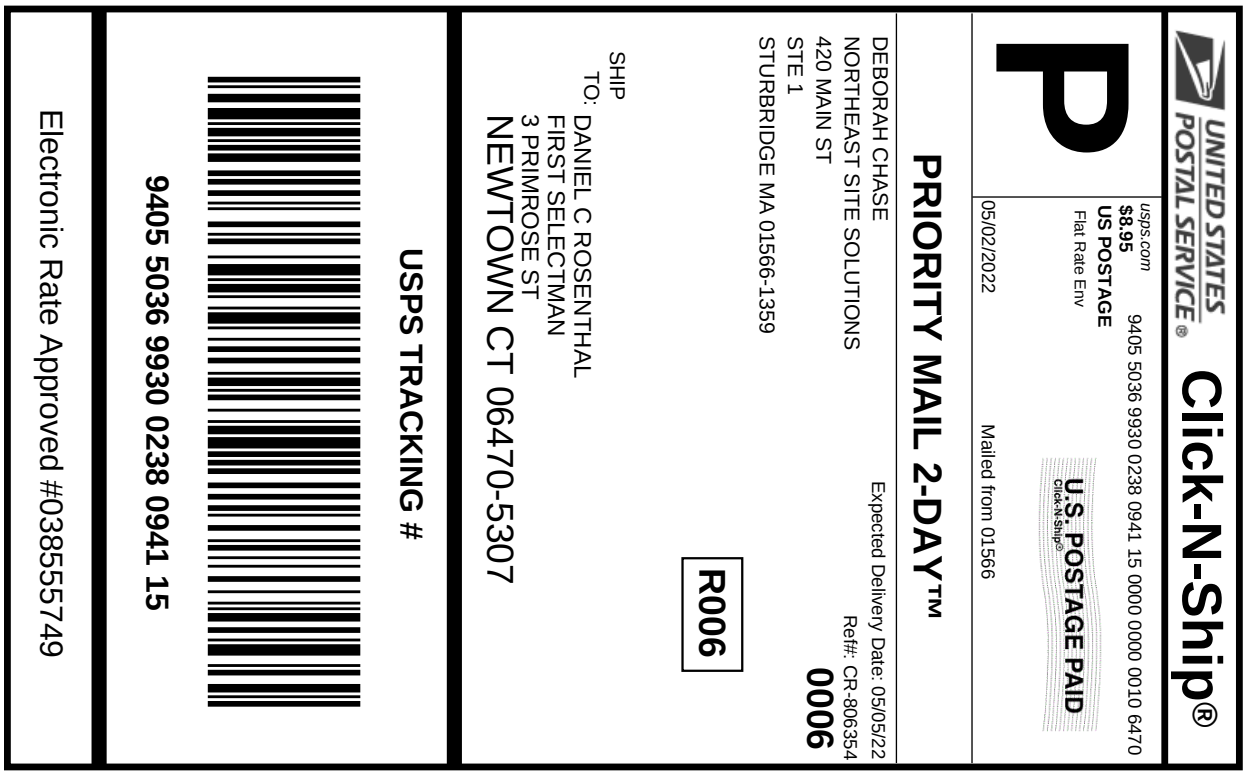
From: DEBORAH CHASE
NORTHEAST SITE SOLUTIONS
420 MAIN ST
STE 1
STURBRIDGE MA 01566-1359

Ref#: CR-806354

To: SARAH SNELL
1800 W PARK DR
WESTBOROUGH MA 01581-3926

* 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



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Click-N-Ship® Label Record

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Trans. #:	562583431
Print Date:	05/02/2022
Ship Date:	05/02/2022
Expected Delivery Date:	05/05/2022

Priority Mail® Postage:	**$8.95**
Total:	**$8.95**

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

Ref#: CR-806354

To: DANIEL C ROSENTHAL
FIRST SELECTMAN
3 PRIMROSE ST
NEWTOWN CT 06470-5307

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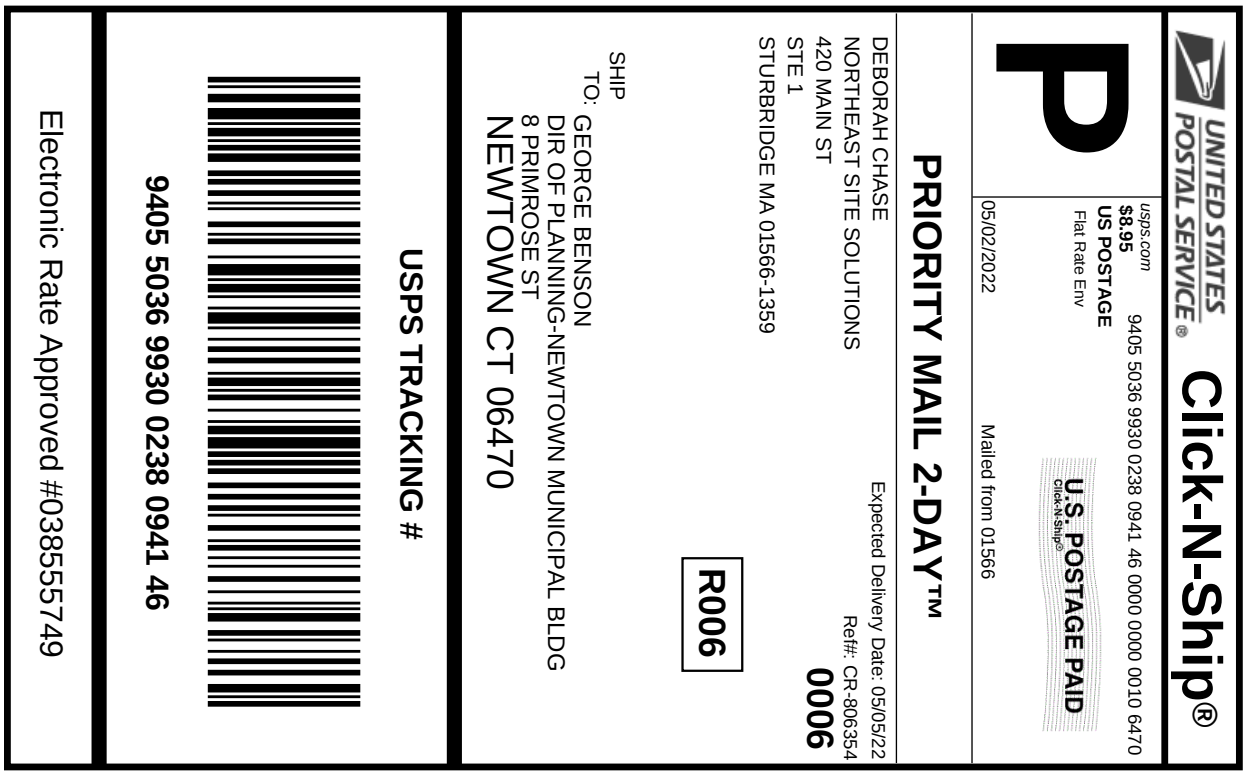

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Print Date:	05/02/2022
Ship Date:	05/02/2022
Expected Delivery Date:	05/05/2022

Priority Mail® Postage:	**$8.95**
Total:	**$8.95**

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

Ref#: CR-806354

To: GEORGE BENSON
DIR OF PLANNING-NEWTOWN MUNICIPAL BLDG
8 PRIMROSE ST
NEWTOWN CT 06470

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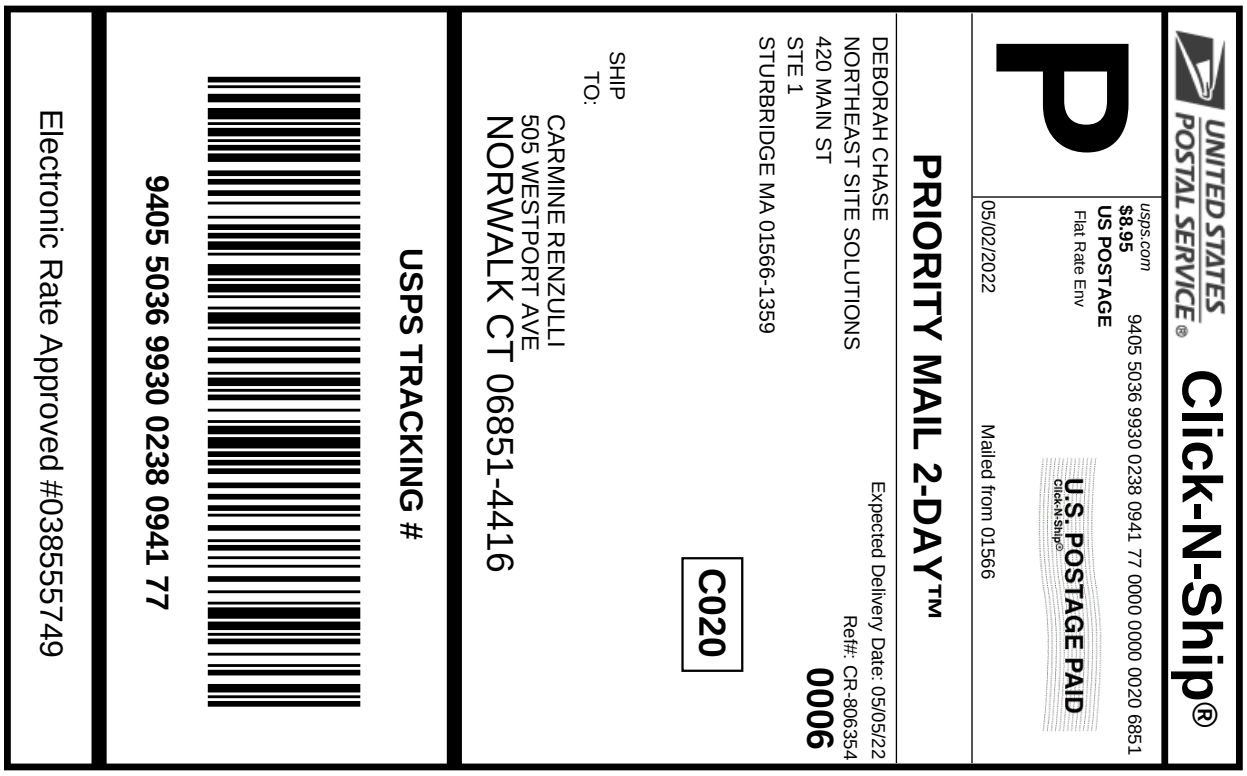

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USPS TRACKING # :
9405 5036 9930 0238 0941 77

Trans. #:	562583431
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Ship Date:	05/02/2022
Expected Delivery Date:	05/05/2022

Priority Mail® Postage:	**$8.95**
Total:	**$8.95**

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

Ref#: CR-806354

To: CARMINE RENZULLI
505 WESTPORT AVE
NORWALK CT 06851-4416

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

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806358 Crown VZW

UNITED STATES POSTAL SERVICE.

FARMINGTON
210 MAIN ST
FARMINGTON, CT 06032-9998
(800)275-8777

05/02/2022 04:25 PM

Product	Qty	Unit Price	Price
Prepaid Mail Westborough, MA 01581 Weight: 0 lb 1.90 oz Acceptance Date: Mon 05/02/2022 Tracking #: 9405 5036 9930 0238 0941 08	1		$0.00
Prepaid Mail Newtown, CT 06470 Weight: 0 lb 9.30 oz Acceptance Date: Mon 05/02/2022 Tracking #: 9405 5036 9930 0238 0941 15	1		$0.00
Prepaid Mail Newtown, CT 06470 Weight: 0 lb 9.30 oz Acceptance Date: Mon 05/02/2022 Tracking #: 9405 5036 9930 0238 0941 46	1		$0.00
Prepaid Mail Norwalk, CT 06851 Weight: 0 lb 9.30 oz Acceptance Date: Mon 05/02/2022 Tracking #: 9405 5036 9930 0238 0941 77	1		$0.00
Grand Total:			$0.00

****
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eligible to receive a second set
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Go to www.covidtests.gov
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