Robinson+Cole

KENNETH C. BALDWIN

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Also admitted in Massachusetts
and New York

April 15, 2021

Via Electronic Mail

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

Re: **Notice of Exempt Modification – Facility Modification**
Jeffrey Place, Trumbull, Connecticut

Dear Attorney Bachman:

Cellco Partnership d/b/a Verizon Wireless ("Cellco") currently maintains an existing wireless telecommunications facility at the above-referenced property address (the "Property"). The facility consists of antennas and remote radio heads attached to a tower and related equipment on the ground, near the base of the tower. The tower was approved by the Town in August of 2017. Cellco's shared use of the tower was approved by the Council in December of 2017. Copies of the Town approval and Council's tower share approval are included in Attachment 1.

Cellco now intends to modify its facility by adding three (3) Samsung 64T64RMMU antennas; and replacing six (6) existing remote radio heads ("RRHs") with six (6) newer model RRHs on Cellco's existing antenna platform. A set of project plans showing Cellco's proposed facility modifications and Cellco's new antennas and RRHs specifications are included in Attachment 2.

Please accept this letter as notification pursuant to R.C.S.A. § 16-50j-73, for construction that constitutes an exempt modification pursuant to R.C.S.A. § 16-50j-72(b)(2). In accordance with R.C.S.A. § 16-50j-73, a copy of this letter is being sent to Trumbull's Chief Elected Official and Land Use Officer.

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

1. The proposed modifications will not result in an increase in the height of the existing tower. Cellco's replacement antennas will be installed on Cellco's existing antenna platform.

2. The proposed modifications will not involve any change to ground-mounted equipment and, therefore, will not require the extension of the site boundary.

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

4. The installation of Cellco's new antennas and RRHs will not increase radio frequency (RF) emissions at the facility to a level at or above the Federal Communications Commission (FCC) safety standard. A General Power Density table for the modified facility is included in Attachment 3. The modified facility will be capable of providing Cellco's 5G wireless service.

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

6. According to the attached Structural Analysis ("SA") and Mount Analysis ("MA"), the existing tower, tower foundation, tower base plate and antenna mounting device can support Cellco's proposed modifications. Copies of the SA and MA are included in Attachment 4. Also included in Attachment 4 is a separate letter prepared by the consulting engineer responsible for the preparation of the MA verifying that the antenna model described in the MA, as a nL- Sub6 Antenna, is the Samsung 64T64R model antenna and RRH that will be installed on the tower.

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

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

Sincerely,

Kenneth C. Baldwin

Enclosures
Copy to:
Vicki A. Tesoro, Trumbull First Selectman
Roberto Librandi, Trumbull Land Use Planner
Aleksey Tyurin

Attachment 1

Permit

Permit NO. **CO-8-17-28096**
Permit Type: **Commercial**
Work Classification: **<NONE>**
Permit Status: **Active**

Issue Date: 8/10/2017 **Expires: 02/06/2018**

5866 Main St.
Trumbull, CT 06611-3113
Phone: (203)452-5020 Fax: (203)452-5093

Project Address	Parcel No..	Tract No.	Block No.	Lot No.	Section	Township
00000 JEFFREY Place Suite: CELL TOWER Trumbull, CT 06611	**G0800212000**					

Owner Information	Address	Phone	Cell
Trumbull Town of	**5866 MAIN Street Trumbull CT 06611**		
	5866 MAIN Street Trumbull CT 06611		

Contractor(s)	Phone	Primary Contractor
CONSTRUCTION SERVICES OF BRANFORD	(203)488-0712	Yes

Proposed Construction / Details

INSTALL TELECOMMUNICATIONS FACILITY INCLUDING MONOPOLE TOWER ,RELATED EQUIPMENT & GENERATOR VERIZON

Valuation: $150,000.00
Total Sq Feet: 0

Fees Due	Amount
Building Permit Fee	$1,808.00
Certificate of Occupancy Fee	$25.00
Processing Fee	$10.00
State Tax Fee	$39.00
Total:	**$1,882.00**

Total	Amt Paid	Amt Due
$1,882.00	$1,882.00	$0.00

Required Inspections:

For Inspections call : (203) 452-5020

Inspection	IVR
Footing	101
Footing Drains	102
Above Ceiling Inspection	105
Rough Construction	105
Insulation	145
Final Construction	195
Walk Through	195
Commercial Occupancy	625
Fire Marshall Approval	802

IMPORTANT: APPLICATION IS HEREBY MADE TO THE BUILDING OFFICIAL FOR A PERMIT SUBJECT TO THE CONDITIONS AND RESTRICTIONS SET FORTH ON THIS APPLICATION AND THE FOLLOWING:

Applicant Copy

1. Construction activity is prohibited between the hours of 6:00pm and 7:00am and on Sundays and Holidays.
2. The City's approved plans and permit inspection card must remain on the job site for use by City inspection personnel.
3. Final inspection of the work authorized by this permit is required. A Certificate of Occupancy must be obtained prior to use and occupancy of new buildings, structures and remodeling work.

This permit/plan review expires by time limitation and becomes null and void if the work authorized by the permit is not commenced within 180 days from the date of permit issuance or if the permit is not obtained within 180 days from the date of plan submittal. This permit expires and becomes null and void if any work authorized by this permit is suspended or abandoned for 180 consecutive days or if no progressive work has been verified by a City building inspector for a period of 180 consecutive days.

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

December 21, 2017

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

RE: **TS-VER-144-171122** – Cellco Partnership d/b/a Verizon Wireless request for an order to approve tower sharing at an existing telecommunications facility located at Jeffrey Place, Trumbull, Connecticut.

Dear Attorney Baldwin:

At a public meeting held on December 21, 2017, the Connecticut Siting Council (Council) ruled that the shared use of this municipally-owned tower site is technically, legally, environmentally, and economically feasible and meets public safety concerns, and therefore, in compliance with General Statutes § 16-50aa, the Council has ordered the shared use of this facility to avoid the unnecessary proliferation of tower structures with the following conditions:

1. Any deviation from the proposed installation as specified in the original tower share request and supporting materials with the Council shall render this decision invalid;

2. Any material changes to the proposed installation as specified in the original tower share request and supporting materials filed with the Council shall require an explicit request for modification to the Council pursuant to Connecticut General Statutes § 16-50aa, including all relevant information regarding the proposed change with cumulative worst-case modeling of radio frequency exposure at the closest point of uncontrolled access to the tower base, consistent with Federal Communications Commission, Office of Engineering and Technology, Bulletin 65;

3. Not less than 45 days after completion of the proposed installation, the Council shall be notified in writing that the installation has been completed;

4. Any nonfunctioning antenna and associated antenna mounting equipment on this facility owned and operated by Cellco Partnership d/b/a Verizon Wireless shall be removed within 60 days of the date the antenna ceased to function;

5. The validity of this action shall expire one year from the date of this letter; and

6. The applicant may file a request for an extension of time beyond the one year deadline provided that such request is submitted to the Council not less than 60 days prior to the expiration.

This decision is under the exclusive jurisdiction of the Council and applies only to this request for tower sharing dated November 20, 2017. This facility has been carefully modeled to ensure that radio frequency emissions are conservatively below State and federal standards applicable to the frequencies now used on this tower. Any deviation from the approved tower sharing request is enforceable under the provisions of Connecticut General Statutes § 16-50u.

The proposed shared use is to be implemented as specified in your letter dated November 20, 2017, including the placement of all necessary equipment and shelters within the tower compound.

Please be advised that the validity of this action shall expire one year from the date of this letter.

Thank you for your attention and cooperation.

Very truly yours,

Robert Stein MAB

Robert Stein
Chairman

RS/MAB/bm

c: The Honorable Timothy M. Herbst, First Selectman, Town of Trumbull
Rob Librandi, Land Use Planner, Town of Trumbull
Douglas Wenz, Zoning Enforcement Officer, Town of Trumbull
Tarpon Towers II, LLC, Tower Owner

Attachment 2

VICINITY MAP

SCALE: N.T.S.

N

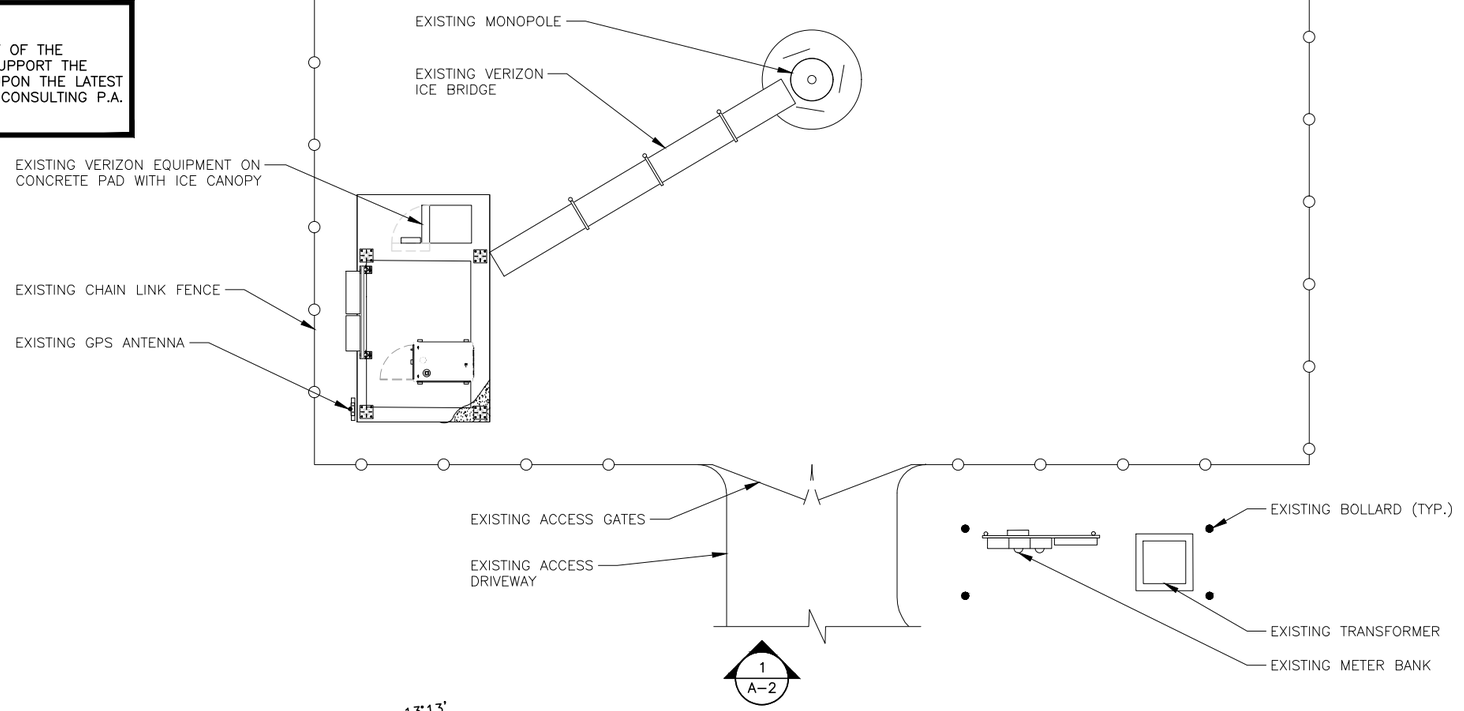
APPROXIMATE COORDINATES:	LATITUDE:	N41° 15' 06.70"
	LONGITUDE:	W73° 11' 34.63"

NOTE:

AN ANALYSIS OF THE CAPACITY OF THE EXISTING STRUCTURE TO SUPPORT THE PROPOSED LOADING HAS BEEN COMPLETED BY HUDSON DESIGN GROUP, LLC.
DATED: DECEMBER 21, 2020 REV.1

NOTE:

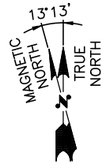
AN ANALYSIS FOR THE CAPACITY OF THE EXISTING ANTENNA MOUNT TO SUPPORT THE PROPOSED LOADING IS BASED UPON THE LATEST MOUNT ASSESSMENT BY MASER CONSULTING P.A.



NOTE:

PROPOSED VZS01 ANTENNA SIZE AND WEIGHT ARE NOT TO EXCEED:

DIMENSIONS H35.12"XW16.06"XD5.51"
WEIGHT (INCLUDING INTEGRATED RRH) 87.1 LBS



COMPOUND PLAN 1/A-1
22x34 SCALE: 1/8"=1'-0"
11x17 SCALE: 1/16"=1'-0"

GRAPHIC SCALE
0 4 8 16 24 FEET

FIELD INSPECTION DATE: 10-20-2020

SCOPE

1. EXISTING (6) ANTENNAS TO REMAIN, INSTALL (3) PROPOSED ANTENNAS PER 'RF'.
2. EXISTING (6) RRH'S TO BE REMOVED, INSTALL (9) PROPOSED RRH'S PER 'RF'.
3. INSTALL (3) PROPOSED DIPLEXERS PER 'RF'.
4. EXISTING (1) 12 OVP JUNCTION BOX TO REMAIN PER 'RF'.
5. EXISTING (1) 12x24 HYBRID CABLE TO REMAIN PER 'RF'
6. INSTALL (9) PROPOSED SAMSUNG POWER JUMPERS. INSTALL (9) PROPOSED SAMSUNG FIBER JUMPERS.
7. ALL REPLACEMENT ANTENNAS TO MATCH EXISTING CONDITION & HEIGHTS.
8. RECONFIGURE/RELOCATE EXISTING ANTENNA MOUNTS AS NECESSARY TO ACCOMMODATE HORIZONTAL SEPARATION, PROPOSED AZIMUTHS, AND ANTENNAS CONFIGURATION.

NEW ANTENNA CONFIGURATION

NOTE TO GENERAL CONTRACTOR:

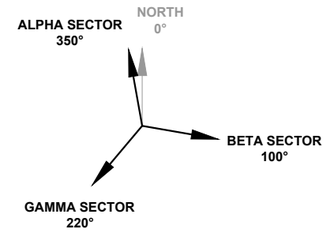
'RF' DESIGN AND EQUIPMENT IS BASED UPON **RFDS ISSUED BY VZW DATED: DECEMBER 14, 2020 REVISION #1.**

THE CONTRACTOR OF RECORD SHALL CONTACT VZW PRIOR TO ANY AND ALL ORDERING/PURCHASING/INSTALLATION OF EQUIPMENT TO VERIFY THAT THE 'RF' LISTED IN THE DRAWING SET IS CURRENT AND UP TO DATE.

NOTES

1. NORTH SHOWN AS APPROXIMATE.
2. SOME EXISTING & PROPOSED INFORMATION NOT SHOWN FOR CLARITY.
3. ANTENNAS WILL BE CAMOUFLAGED WITH 3M WRAP, AS NEEDED, PER VERIZON WIRELESS AND BUILDING OWNER'S APPROVAL.
4. PRIOR TO COMMENCEMENT OF ANY WORK, PROPOSED ANTENNA INSTALLATION IS PURSUANT TO FINDINGS DICTATED IN STRUCTURAL ANALYSIS. STRUCTURAL ANALYSIS TO VERIFY CAPACITY OF EXISTING STRUCTURE TO ENSURE STRUCTURAL INTEGRITY FOLLOWING INSTALLATION OF PROPOSED ANTENNAS, COAX CABLES AND REQUIRED HARDWARE. COPY OF STRUCTURAL ANALYSIS TO BE SENT TO DESIGN ENGINEER.
5. CONTRACTOR SHALL FIELD VERIFY SCOPE OF WORK, VERIZON WIRELESS ANTENNA MOUNT LOCATION AND ANTENNAS TO BE INSTALLED.
6. CONTRACTOR SHALL NOTIFY ENGINEERS IF FIELD CONDITIONS DIFFER FROM DESIGN.
7. RAD CENTERS MEASURED IN THE FIELD WITH LASER BY HDG. RAD CENTERS MAY NOT MATCH RF ANTENNA DESIGN SHEET.

ANTENNA ORIENTATION



PREPARED FOR: CELLCO PARTNERSHIP D.B.A.

verizon

HUDSON Design Group LLC
45 BEECHWOOD DRIVE
N. ANDOVER, MA 01845
TEL: (978) 557-5553
FAX: (978) 336-5586

STATE OF CONNECTICUT
DANIEL P. HAMM
No. 24178
LICENSED PROFESSIONAL ENGINEER

CONSTRUCTION DRAWINGS ARE VALID FOR SIX MONTHS AFTER ENGINEER OF RECORD'S STAMPED AND SIGNED SUBMITTAL DATE LISTED HEREIN

CHECKED BY: JX

APPROVED BY: DPH

SUBMITTALS

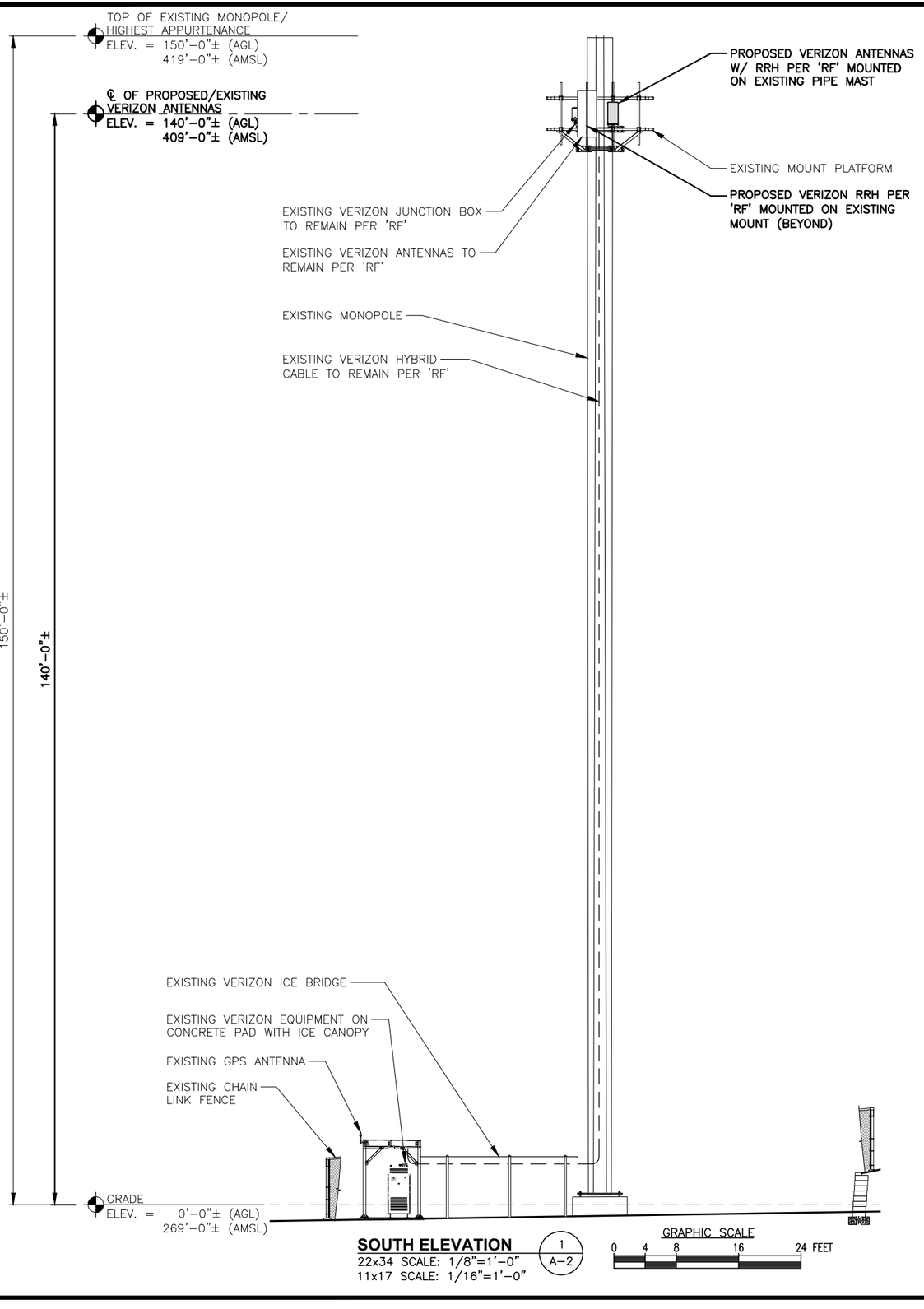
REV.	DATE	DESCRIPTION	BY
1	12/23/20	REVISED PER LATEST RFDS	OS
0	12/09/20	FOR CONSTRUCTION	OS

SITE NAME:
TRUMBULL SOUTH CT

SITE ADDRESS:
54 JEFFREY PLACE
TRUMBULL, CT 06611

SHEET TITLE
COMPOUND PLAN

SHEET NUMBER
A-1



SOUTH ELEVATION (1 / A-2)
22x34 SCALE: 1/8"=1'-0"
11x17 SCALE: 1/16"=1'-0"

GRAPHIC SCALE
0 4 8 16 24 FEET

NOTE:

AN ANALYSIS FOR THE CAPACITY OF THE EXISTING ANTENNA MOUNT TO SUPPORT THE PROPOSED LOADING IS BASED UPON THE LATEST MOUNT ASSESSMENT BY MASER CONSULTING P.A.

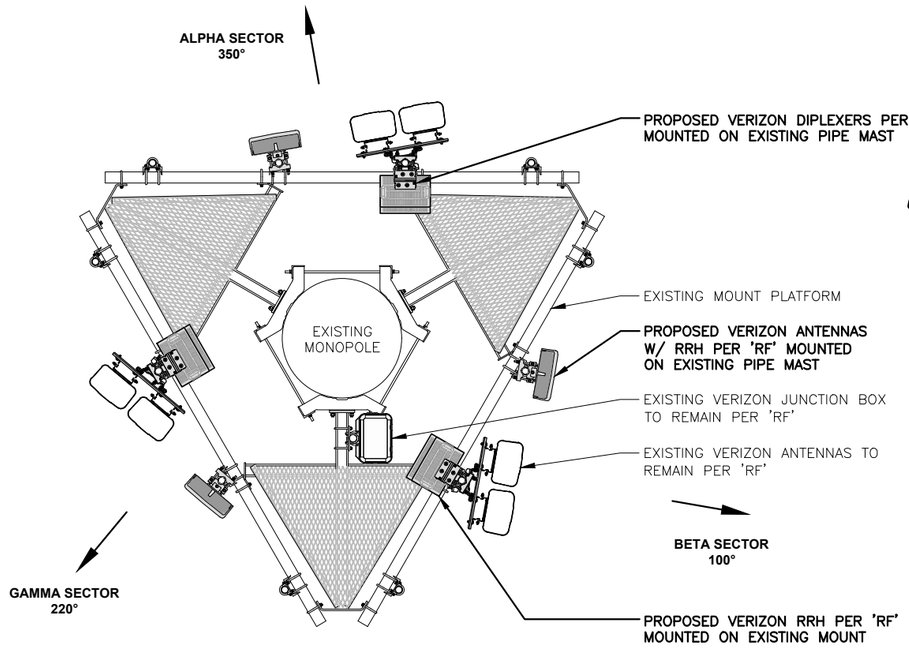
NOTE:

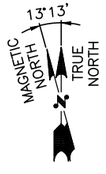
AN ANALYSIS OF THE CAPACITY OF THE EXISTING STRUCTURE TO SUPPORT THE PROPOSED LOADING HAS BEEN COMPLETED BY HUDSON DESIGN GROUP, LLC.
DATED: DECEMBER 21, 2020 REV.1

PROPOSED ANTENNA INFORMATION

SECTOR	STATUS	AZIMUTH	CABLE LENGTH
ALPHA	PROPOSED/EXISTING	350°	185'
BETA	PROPOSED/EXISTING	100°	185'
GAMMA	PROPOSED/EXISTING	220°	185'

NOTE: CABLE LENGTH = EXACT LENGTH PLUS 25'.
CONTRACTOR TO VERIFY CABLE LENGTH PRIOR TO ORDERING.





ANTENNA & EQUIPMENT PLAN (2 / A-2)
22x34 SCALE: 1/2"=1'-0"
11x17 SCALE: 1/4"=1'-0"

GRAPHIC SCALE
0 1 2 4 6 FEET

NOTE:

PROPOSED VZS01 ANTENNA SIZE AND WEIGHT ARE NOT TO EXCEED:

DIMENSIONS H35.12"XW16.06"XD5.51"
WEIGHT (INCLUDING INTEGRATED RRH) 87.1 LBS

PREPARED FOR: CELLCO PARTNERSHIP D.B.A.

verizon

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CHECKED BY: JX

APPROVED BY: DPH

SUBMITTALS

REV.	DATE	DESCRIPTION	BY
1	12/23/20	REVISED PER LATEST RFDS	OS
0	12/09/20	FOR CONSTRUCTION	OS

SITE NAME:
TRUMBULL SOUTH CT

SITE ADDRESS:
54 JEFFREY PLACE
TRUMBULL, CT 06611

SHEET TITLE
SOUTH ELEVATION. ANTENNA & EQUIPMENT PLAN

SHEET NUMBER
A-2

STRUCTURAL NOTES:

1. DESIGN REQUIREMENTS ARE PER STATE BUILDING CODE AND APPLICABLE SUPPLEMENTS, INTERNATIONAL BUILDING CODE, EIA/TIA-222-H STRUCTURAL STANDARDS FOR STEEL ANTENNA, TOWERS AND ANTENNA SUPPORTING STRUCTURES.
2. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO FABRICATION AND ERECTION OF ANY MATERIAL. ANY UNUSUAL CONDITIONS SHALL BE REPORTED TO THE ATTENTION OF THE CONSTRUCTION MANAGER AND ENGINEER OF RECORD.
3. DESIGN AND CONSTRUCTION OF STRUCTURAL STEEL SHALL CONFORM TO THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION "SPECIFICATION FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS".
4. STRUCTURAL STEEL SHALL CONFORM TO ASTM A992 (Fy=50 ksi), MISCELLANEOUS STEEL SHALL CONFORM TO ASTM A36 UNLESS OTHERWISE INDICATED.
5. STEEL PIPE SHALL CONFORM TO ASTM A500 "COLD-FORMED WELDED & SEAMLESS CARBON STEEL STRUCTURAL TUBING", GRADE B, OR ASTM A53 PIPE STEEL BLACK AND HOT-DIPPED ZINC-COATED WELDED AND SEAMLESS TYPE E OR S, GRADE B. PIPE SIZES INDICATED ARE NOMINAL. ACTUAL OUTSIDE DIAMETER IS LARGER.
6. STRUCTURAL CONNECTION BOLTS SHALL BE HIGH STRENGTH BOLTS (BEARING TYPE) AND CONFORM TO ASTM A325 TYPE-X "HIGH STRENGTH BOLTS FOR STRUCTURAL JOINTS, INCLUDING SUITABLE NUTS AND PLAIN HARDENED WASHERS". ALL BOLTS SHALL BE 3/4" DIA UON.
7. ALL STEEL MATERIALS SHALL BE GALVANIZED AFTER FABRICATION IN ACCORDANCE WITH ASTM A123 "ZINC (HOT-DIP GALVANIZED) COATINGS ON IRON AND STEEL PRODUCTS", UNLESS OTHERWISE NOTED.
8. ALL BOLTS, ANCHORS AND MISCELLANEOUS HARDWARE SHALL BE GALVANIZED IN ACCORDANCE WITH ASTM A153 "ZINC-COATING (HOT-DIP) ON IRON AND STEEL HARDWARE", UNLESS OTHERWISE NOTED.
9. FIELD WELDS, DRILL HOLES, SAW CUTS AND ALL DAMAGED GALVANIZED SURFACES SHALL BE REPAIRED WITH AN ORGANIC ZINC REPAIR PAINT COMPLYING WITH REQUIREMENTS OF ASTM A780. GALVANIZING REPAIR PAINT SHALL HAVE 65 PERCENT ZINC BY WEIGHT, ZIRP BY DUNCAN GALVANIZING, GALVA BRIGHT PREMIUM BY CROWN OR EQUAL. THICKNESS OF APPLIED GALVANIZING REPAIR PAINT SHALL BE NOT NOT LESS THAN 4 COATS (ALLOW TIME TO DRY BETWEEN COATS) WITH A RESULTING COATING THICKNESS REQUIRED BY ASTM A123 OR A153 AS APPLICABLE.
10. CONTRACTOR SHALL COMPLY WITH AWS CODE FOR PROCEDURES, APPEARANCE AND QUALITY OF WELDS, AND FOR METHODS USED IN CORRECTING WELDING. ALL WELDERS AND WELDING PROCESSES SHALL BE QUALIFIED IN ACCORDANCE WITH AWS "STANDARD QUALIFICATION PROCEDURES". ALL WELDING SHALL BE DONE USING E70XX ELECTRODES AND WELDING SHALL CONFORM TO AISC AND DI.I. WHERE FILLET WELD SIZES ARE NOT SHOWN, PROVIDE THE MINIMUM SIZE PER TABLE J2.4 IN THE AISC "STEEL CONSTRUCTION MANUAL". 14TH EDITION.
11. INCORRECTLY FABRICATED, DAMAGED OR OTHERWISE MISFITTING OR NON-CONFORMING MATERIALS OR CONDITIONS SHALL BE REPORTED TO THE CONSTRUCTION MANAGER PRIOR TO REMEDIAL OR CORRECTIVE ACTION. ANY SUCH ACTION SHALL REQUIRE CONSTRUCTION MANAGER APPROVAL.
12. UNISTRUT SHALL BE FORMED STEEL CHANNEL STRUT FRAMING AS MANUFACTURED BY UNISTRUT CORP., WAYNE, MI OR EQUAL. STRUT MEMBERS SHALL BE 1 5/8"x1 5/8"x12GA, UNLESS OTHERWISE NOTED, AND SHALL BE HOT-DIP GALVANIZED AFTER FABRICATION.
13. EPOXY ANCHOR ASSEMBLY SHALL CONSIST OF STAINLESS STEEL ANCHOR ROD WITH NUTS & WASHERS. AN INTERNALLY THREADED INSERT, A SCREEN TUBE AND A EPOXY ADHESIVE. THE ANCHORING SYSTEM SHALL BE THE HILTI-HIT HY-270 AND OR HY-200 SYSTEMS (AS SPECIFIED IN DWG.) OR ENGINEERS APPROVED EQUAL.
14. EXPANSION BOLTS SHALL CONFORM TO FEDERAL SPECIFICATION FF-S-325, GROUP II, TYPE 4, CLASS I, HILTI KWIK BOLT III OR APPROVED EQUAL. INSTALLATION SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
15. LUMBER SHALL COMPLY WITH THE REQUIREMENTS OF THE AMERICAN INSTITUTE OF TIMBER CONSTRUCTION AND THE NATIONAL FOREST PRODUCTS ASSOCIATION'S NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION. ALL LUMBER SHALL BE PRESSURE TREATED AND SHALL BE STRUCTURAL GRADE NO. 2 OR BETTER.
16. WHERE ROOF PENETRATIONS ARE REQUIRED, THE CONTRACTOR SHALL CONTACT AND COORDINATE RELATED WORK WITH THE BUILDING OWNER AND THE EXISTING ROOF INSTALLER. WORK SHALL BE PERFORMED IN SUCH A MANNER AS TO NOT VOID THE EXISTING ROOF WARRANTY. ROOF SHALL BE WATERTIGHT.
17. ALL FIBERGLASS MEMBERS USED ARE AS MANUFACTURED BY STRONGWELL COMPANY OF BRISTOL, VA 24203. ALL DESIGN CRITERIA FOR THESE MEMBERS IS BASED ON INFORMATION PROVIDED IN THE DESIGN MANUAL. ALL REQUIREMENTS PUBLISHED IN SAID MANUAL MUST BE STRICTLY ADHERED TO.
18. NO MATERIALS TO BE ORDERED AND NO WORK TO BE COMPLETED UNTIL SHOP DRAWINGS HAVE BEEN REVIEWED AND APPROVED IN WRITING.
19. SUBCONTRACTOR SHALL FIREPROOF ALL STEEL TO PRE-EXISTING CONDITIONS.

SPECIAL INSPECTIONS (REFERENCE IBC CHAPTER 17):

GENERAL: WHERE APPLICATION IS MADE FOR CONSTRUCTION, THE OWNER OR THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE ACTING AS THE OWNER'S AGENT SHALL EMPLOY ONE OR MORE APPROVED AGENCIES TO PERFORM INSPECTIONS DURING CONSTRUCTION ON THE TYPES OF WORK LISTED IN THE INSPECTION CHECKLIST ABOVE.

THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE AND ENGINEERS OF RECORD INVOLVED IN THE DESIGN OF THE PROJECT ARE PERMITTED TO ACT AS THE APPROVED AGENCY AND THEIR PERSONNEL ARE PERMITTED TO ACT AS THE SPECIAL INSPECTOR FOR THE WORK DESIGNED BY THEM, PROVIDED THOSE PERSONNEL MEET THE QUALIFICATION REQUIREMENTS.

STATEMENT OF SPECIAL INSPECTIONS: THE APPLICANT SHALL SUBMIT A STATEMENT OF SPECIAL INSPECTIONS PREPARED BY THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE IN ACCORDANCE WITH SECTION 107.1 AS A CONDITION FOR ISSUANCE. THIS STATEMENT SHALL BE IN ACCORDANCE WITH SECTION 1705.

REPORT REQUIREMENT: SPECIAL INSPECTORS SHALL KEEP RECORDS OF INSPECTIONS. THE SPECIAL INSPECTOR SHALL FURNISH INSPECTION REPORTS TO THE BUILDING OFFICIAL, AND TO THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE. REPORTS SHALL INDICATE THAT WORK INSPECTED WAS OR WAS NOT COMPLETED IN CONFORMANCE TO APPROVED CONSTRUCTION DOCUMENTS. DISCREPANCIES SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE CONTRACTOR FOR CORRECTION. IF THEY ARE NOT CORRECTED, THE DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE BUILDING OFFICIAL AND TO THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE. A FINAL REPORT DOCUMENTING REQUIRED SPECIAL INSPECTIONS SHALL BE SUBMITTED.

SPECIAL INSPECTION CHECKLIST

BEFORE CONSTRUCTION	
CONSTRUCTION/INSTALLATION INSPECTIONS AND TESTING REQUIRED (COMPLETED BY ENGINEER OF RECORD)	REPORT ITEM
N/A	ENGINEER OF RECORD APPROVED SHOP DRAWINGS [1]
N/A	MATERIAL SPECIFICATIONS REPORT [2]
N/A	FABRICATOR NDE INSPECTION
N/A	PACKING SLIPS [3]
ADDITIONAL TESTING AND INSPECTIONS:	
DURING CONSTRUCTION	
CONSTRUCTION/INSTALLATION INSPECTIONS AND TESTING REQUIRED (COMPLETED BY ENGINEER OF RECORD)	REPORT ITEM
REQUIRED	STEEL INSPECTIONS
N/A	HIGH STRENGTH BOLT INSPECTIONS
N/A	HIGH WIND ZONE INSPECTIONS [4]
N/A	FOUNDATION INSPECTIONS
N/A	CONCRETE COMP. STRENGTH, SLUMP TESTS AND PLACEMENT
N/A	POST INSTALLED ANCHOR VERIFICATION [5]
N/A	GROUT VERIFICATION
N/A	CERTIFIED WELD INSPECTION
N/A	EARTHWORK: LIFT AND DENSITY
N/A	ON SITE COLD GALVANIZING VERIFICATION
N/A	GUY WIRE TENSION REPORT
ADDITIONAL TESTING AND INSPECTIONS:	
AFTER CONSTRUCTION	
CONSTRUCTION/INSTALLATION INSPECTIONS AND TESTING REQUIRED (COMPLETED BY ENGINEER OF RECORD)	REPORT ITEM
REQUIRED	MODIFICATION INSPECTOR REDLINE OR RECORD DRAWINGS [6]
N/A	POST INSTALLED ANCHOR PULL-OUT TESTING
REQUIRED	PHOTOGRAPHS
ADDITIONAL TESTING AND INSPECTIONS:	

NOTES:

1. REQUIRED FOR ANY NEW SHOP FABRICATED FRP OR STEEL.
2. PROVIDED BY MANUFACTURER, REQUIRED IF HIGH STRENGTH BOLTS OR STEEL.
3. PROVIDED BY GENERAL CONTRACTOR; PROOF OF MATERIALS.
4. HIGH WIND ZONE INSPECTION CATB 120MPH OR CAT C,D 110MPH INSPECT FRAMING OF WALLS, ANCHORING, FASTENING SCHEDULE.
5. ADHESIVE FOR REBAR AND ANCHORS SHALL HAVE BEEN TESTED IN ACCORDANCE WITH ACI 355.4 AND ICC-ES AC308 FOR CRACKED CONCRETE AND SEISMIC APPLICATIONS. DESIGN ADHESIVE BOND STRENGTH HAS BEEN BASED ON ACI 355.4 TEMPERATURE CATEGORY B WITH INSTALLATIONS INTO DRY HOLES DRILLED USING A CARBIDE BIT INTO CRACKED CONCRETE THAT HAS CURED FOR AT LEAST 21 DAYS. ADHESIVE ANCHORS REQUIRING CERTIFIED INSTALLATIONS SHALL BE INSTALLED BY A CERTIFIED ADHESIVE ANCHOR INSTALLER PER ACI 318-11 D.9.2.2. INSTALLATIONS REQUIRING CERTIFIED INSTALLERS SHALL BE INSPECTED PER ACI 318-11 D.8.2.4.
6. AS REQUIRED; FOR ANY FIELD CHANGES TO THE ITEMS IN THIS TABLE.

NOTES:

1. ALL CONNECTIONS TO BE SHOP WELDED & FIELD BOLTED USING 3/4"ø A325-X BOLTS, UNLESS OTHERWISE NOTIFIED.
2. SHOP DRAWING ENGINEER REVIEW & APPROVAL REQUIRED BEFORE ORDERING MATERIAL.
3. SHOP DRAWING ENGINEER REVIEW & APPROVAL REQUIRED PRIOR TO STEEL FABRICATION.
4. VERIFICATION OF EXISTING ROOF CONSTRUCTION IS REQUIRED PRIOR TO THE INSTALLATION OF THE ROOF PLATFORM. ENGINEER OF RECORD IS TO APPROVE EXISTING CONDITIONS IN ORDER TO MOVE FORWARD.
5. CENTERLINE OF PROPOSED STEEL PLATFORM SUPPORT COLUMNS TO BE CENTRALLY LOCATED OVER THE EXISTING BUILDING COLUMNS.
6. EXISTING BRICK MASONRY COLUMNS/BEARING TO BE REPAIRED/REPLACED AT ALL PROPOSED PLATFORM SUPPORT POINTS. ENGINEER OF RECORD TO REVIEW AND APPROVE.

PREPARED FOR: CELLCO PARTNERSHIP D.B.A.

verizon

HUDSON Design Group LLC
45 BEECHWOOD DRIVE
N. ANDOVER, MA 01845
TEL: (978) 557-5553
FAX: (978) 336-5586

STATE OF CONNECTICUT
DANIEL P. HAMM
No. 24178
LICENSED PROFESSIONAL ENGINEER

CONSTRUCTION DRAWINGS ARE VALID FOR SIX MONTHS AFTER ENGINEER OF RECORD'S STAMPED AND SIGNED SUBMITTAL DATE LISTED HEREIN

CHECKED BY: JX

APPROVED BY: DPH

SUBMITTALS

REV.	DATE	DESCRIPTION	BY
1	12/23/20	REVISED PER LATEST RFDS	OS
0	12/09/20	FOR CONSTRUCTION	OS

SITE NAME:
TRUMBULL SOUTH CT

SITE ADDRESS:
54 JEFFREY PLACE
TRUMBULL, CT 06611

SHEET TITLE
STRUCTURAL NOTES & SPECIAL INSPECTIONS

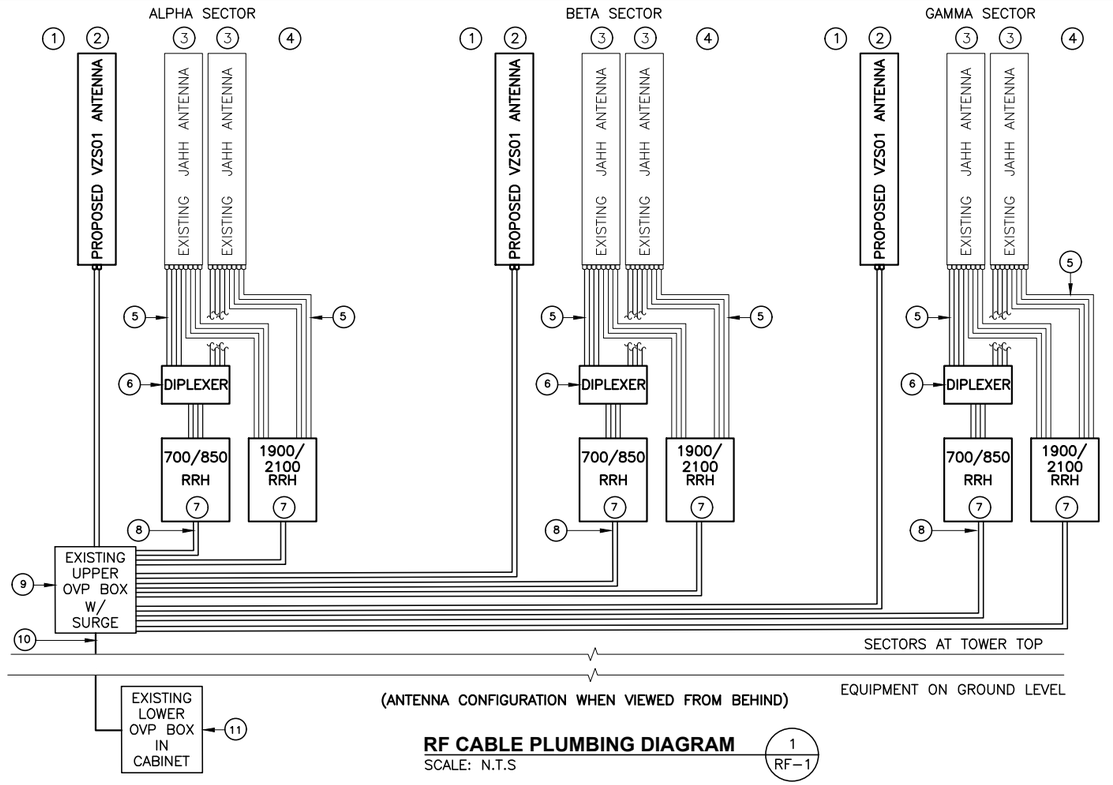
SHEET NUMBER
SN-1

BILL OF MATERIAL

SITE NAME: TRUMBULL SOUTH CT

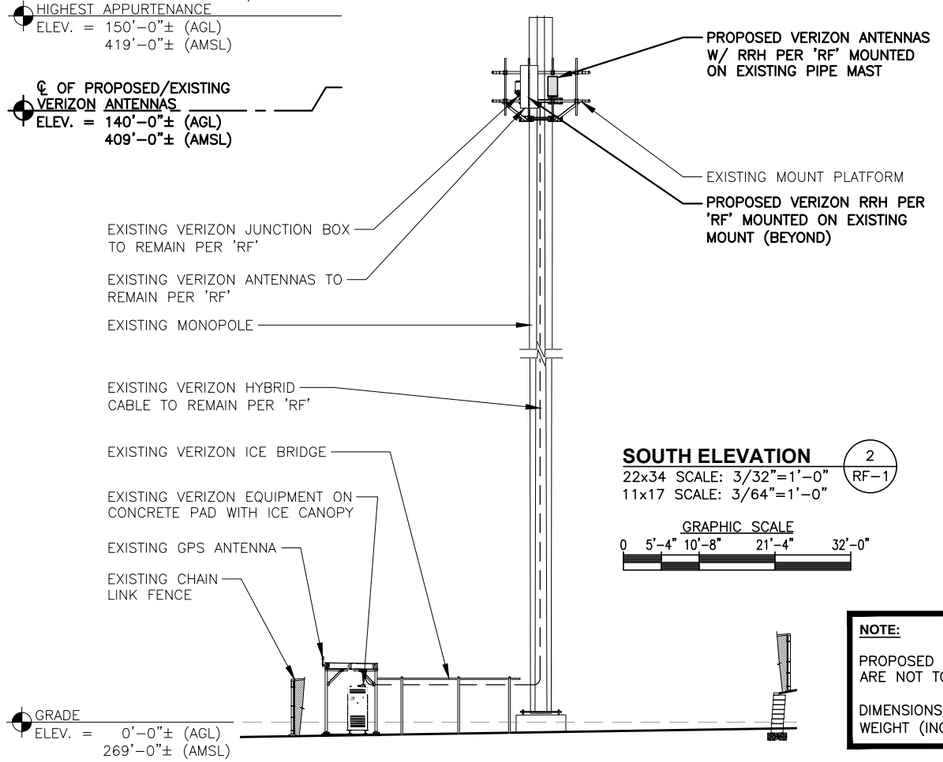
ITEM	DESCRIPTION	QTY	LENGTH	COMMENTS
(1)				
(2)	**PROPOSED VZS01 ANTENNA**	**3**		**MOUNTED TO EXISTING PIPE MAST**
(3)	EXISTING JAHH-65B-R3B ANTENNA	6		MOUNTED TO EXISTING PIPE MAST
(4)				
(5)	**PROPOSED 1/2" TOP COAX JUMPERS**	**24**	**6 FT.**	**ROUTE FROM DIPLEXER TO ANTENNA**
(5)	**PROPOSED 1/2" TOP COAX JUMPERS**	**12**	**6 FT.**	**ROUTE FROM RRH TO DIPLEXER**
(5)	EXISTING COAX JUMPERS	24	6 FT.	ROUTE FROM RRH TO ANTENNA
(6)	**PROPOSED CBC78T-DS-43-2X DIPLEXER**	**3**		**MOUNTED TO EXISTING PIPE MAST**
(7)	**PROPOSED SAMSUNG RRH B5/B13 RRH-BR04C**	**3**		**MOUNTED TO EXISTING PIPE MAST**
(7)	**PROPOSED SAMSUNG RRH B2/B66A RRH-BR049**	**3**		**MOUNTED TO EXISTING PIPE MAST**
(8)	**PROPOSED SAMSUNG FIBER JUMPER CABLES**	**9**	**12 FT.**	**ROUTE FROM OVP TO RRH**
(8)	**PROPOSED SAMSUNG POWER JUMPER CABLES**	**9**	**12 FT.**	**ROUTE FROM OVP TO RRH**
(9)	EXISTING UPPER 12 OVP JUNCTION BOX	1		MOUNTED TO EXISTING PIPE MAST
(10)	EXISTING 12x24 LI HYBRID CABLE	1	185 FT.	ROUTE FROM EQUIPMENT TO ANTENNA SECTOR
(11)	EXISTING LOWER OVP	1		RACK MOUNTED INSIDE CABINET

THE ABOVE RF-BOM SHEET IS BASED ON INFORMATION LISTED ON ANTENNA RECOMMENDATION SHEET DATED 12/14/20



(ANTENNA CONFIGURATION WHEN VIEWED FROM BEHIND)

RF CABLE PLUMBING DIAGRAM (1 / RF-1)
SCALE: N.T.S



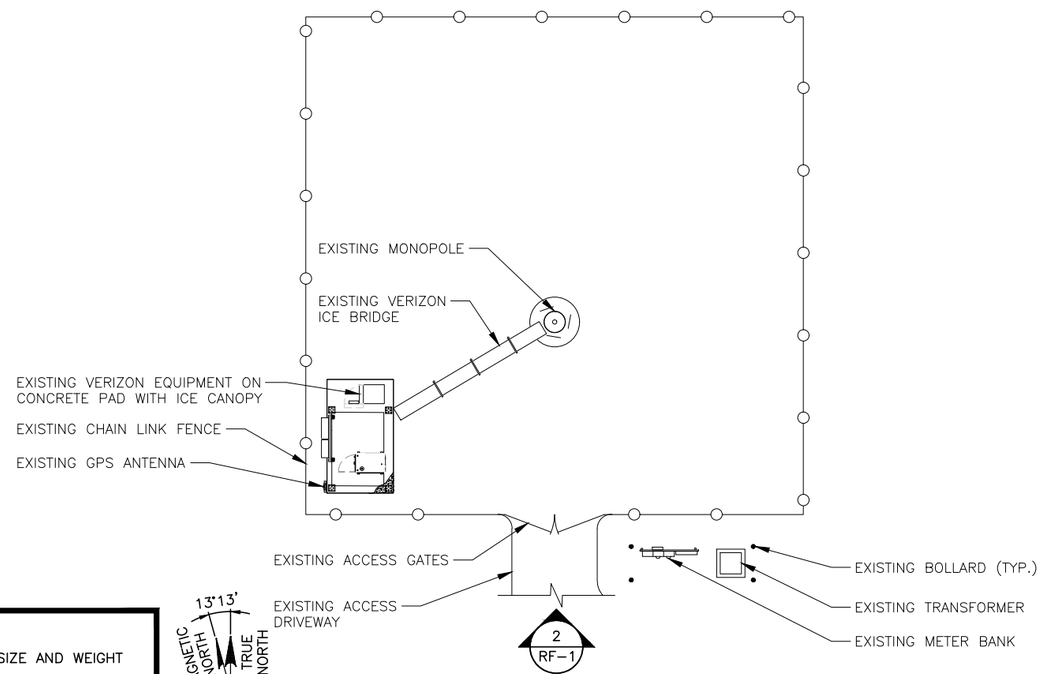
SOUTH ELEVATION (2 / RF-1)
22x34 SCALE: 3/32"=1'-0"
11x17 SCALE: 3/64"=1'-0"

GRAPHIC SCALE
0 5'-4" 10'-8" 21'-4" 32'-0"

NOTE:

PROPOSED VZS01 ANTENNA SIZE AND WEIGHT ARE NOT TO EXCEED:

DIMENSIONS H35.12"XW16.06"XD5.51"
WEIGHT (INCLUDING INTEGRATED RRH) 87.1 LBS



2 / RF-1

COMPOUND PLAN (3 / RF-1)
22x34 SCALE: 3/32"=1'-0"
11x17 SCALE: 3/64"=1'-0"

GRAPHIC SCALE
0 5'-4" 10'-8" 21'-4" 32'-0"

PREPARED FOR: CELLCO PARTNERSHIP D.B.A.

verizon

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TEL: (978) 557-5553
FAX: (978) 336-5586

CHECKED BY: JX

APPROVED BY: DPH

SUBMITTALS

REV.	DATE	DESCRIPTION	BY
1	12/23/20	REVISED PER LATEST RFDS	OS
0	12/09/20	BILL OF MATERIAL	OS

SITE NAME:
TRUMBULL SOUTH CT

SITE ADDRESS:
54 JEFFREY PLACE
TRUMBULL, CT 06611

SHEET TITLE
RF PLUMBING DIAGRAM & BILL OF MATERIAL

SHEET NUMBER
RF-1

SAMSUNG

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

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

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

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

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

Features and Benefits

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

Key Technical Specifications

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

SAMSUNG

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

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

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

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

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

Features and Benefits

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

Key Technical Specifications

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

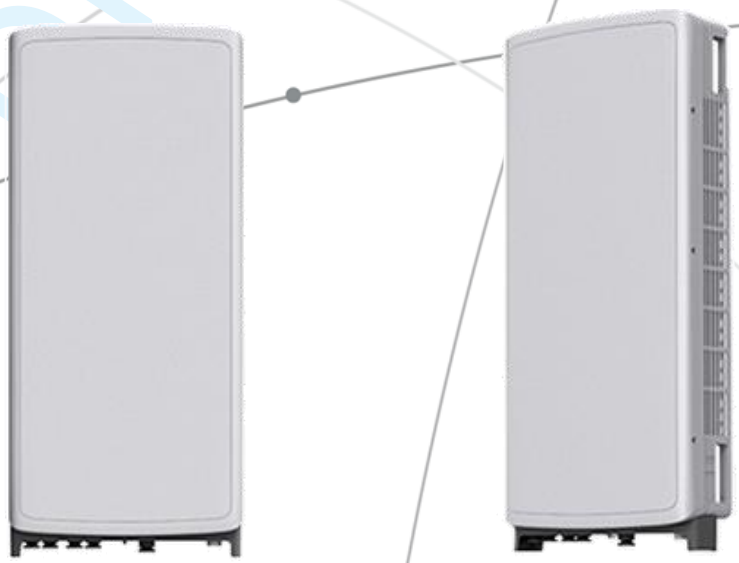
SAMSUNG

SAMSUNG C-Band 64T64R Massive MIMO

C-Band 64T64R Massive MIMO Radio for High Capacity and Wide Coverage

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

Model Code : MT6407-77A

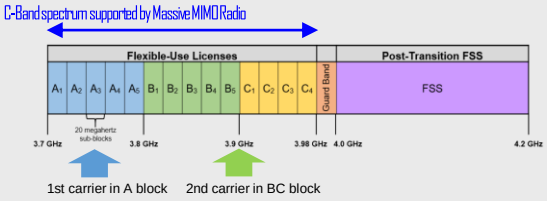


Points of Differentiation

Wide Bandwidth

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

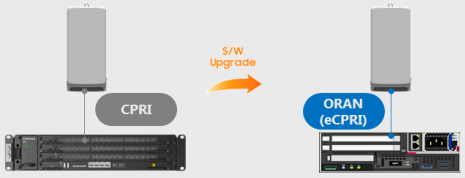
Samsung C-Band massive MIMO Radio uses C-Band 280 MHz spectrum at the same time, so it can cover all the bands the operator can be auctioned.



Future Proof Product

Samsung C-Band Massive MIMO radio supports eCPRI interface, thus, it can be used as O-RAN Massive MIMO Radio in the future. To provide O-RAN service, operators only need to update software since the hardware is already ready.

With the support of O-RAN, operators can reduce OPEX/CAPEX by increasing compatibility between equipment and get opportunity to design and develop their network with best –in-class solution that interoperate.



Enhanced Performance

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

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

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

Well Matched Design

Samsung's C-Band Massive MIMO radio utilizes 64 antennas, supports up to 280MHz bandwidth, and delivers a 200W output power. despite the above advanced performance, the Radio has a compact size of 48L and 87.1lbs. This makes it easy to install the Radio.

It is designed to look solid and small, and in particular, the design with wrap around has a thinly looking effect so that it can be harmonized with the surrounding environment when installed.

Technical Specifications

Item	Specification
Tech	NR
Brand	n77
Frequency Band	3700 - 3980 MHz
EIRP	78.5dBm (53.0 dBm+25.5 dBi)
IBW/OBW	280 MHz / 200 MHz
Installation	Pole/Wall
Size/ Weight	16.06 x 35.12 x 5.51 inch (50.95L)/ 87.1lbs

SAMSUNG

About Samsung Electronics Co., Ltd.

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

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

Attachment 3

Site Name: ***TRUMBULL SOUTH CT***
Cumulative Power Density

Operator	Operating Frequency	Number of Trans.	ERP Per Trans.	Total ERP	Distance to Target	Calculated Power Density	Maximum Permissable Exposure*	Fraction of MPE
	(MHz)		(watts)	(watts)	(feet)	(mW/cm^2)	(mW/cm^2)	(%)
VZW 700	751	4	621	2483	140	0.0178	0.5007	3.56%
VZW Cellular	874	4	708	2830	140	0.0203	0.5827	3.48%
VZW PCS	1980	4	1550	6201	140	0.0444	1.0000	4.44%
VZW AWS	2120	4	1530	6120	140	0.0439	1.0000	4.39%
VZW LS6	3700	1	43152	43152	140	0.3093	1.0000	30.93%
Total Percentage of Maximum Permissible Exposure								46.80%

*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

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

Absolute worst case maximum values used.

Attachment 4

Structural Analysis
150-ft Monopole

Prepared For:
TARPON TOWERS II, LLC
1001 3rd Avenue West, Suite 420
Bradenton, FL 34205

MFP Project #40918-020 r3

Site Location:
CT1212 Trumbull
Fairfield Co., CT
Lat/Long: 41°15'7", -73°11'35"

Analysis Type:
ANSI/TIA-222-G
Structure Rating – 42.2% Passing

April 7, 2021

Michael F. Plahovinsak, P.E.
18301 State Route 161 W, Plain City, OH 43064
614-398-6250 - mike@mfpeng.com

Project Summary:

I have completed a structural analysis of the existing monopole for the following new configuration:

- 140' – Verizon:
  - (6) Commscope JAHH-65B-R3B + (3) Samsung 64T64RMMU Antennas
  - (3) Samsung BR049 B2/B66A + (3) BR04C B5/B13 RRH's
  - (3) Commscope CBC78T-DS-43-2X Diplexers
  - (1) 12x24 Hybrid
  - Low Profile Platform

The pole has been analyzed in accordance with the requirements of the International Building Code per IBC section 3108.4, and the recommendations of the Telecommunications Industry Association *"Structural Standard for Steel Antenna Supporting Structures"* **ANSI/TIA-222-G.**

This analysis may be considered a "Rigorous Structural Analysis" as defined in ANSI/TIA-222-G 15.5.2.

As indicated in the conclusions of this analysis, I have determined that the existing pole and foundation have *sufficient capacity* to support the existing, reserved and proposed antenna loads as detailed herein. Based on the results of my analysis, structural modifications are not required at this time.

Source of Data:

Resource	Source	Job Number	Date
Pole and Foundation Drawings	Michael F. Plahovinsak, PE	23517-408	07/23/17
Collocation Application	Tarpon Towers II, LLC	CT1212	03/27/18

Structure Specifics:

- Manufacturer: TransAmerican Power Products
- Manufacturer File #: TP-15472
- Year Built: 2017

Analysis Criteria:

International Building Code 2006-2012 Section 3108.4
Structural Standards for Steel Antenna Supporting Structures **ANSI/TIA-222-G**

- TIA-222-G Wind Speed 110 mph (V_{asd} / 3-Second Gust)
- Equivalent ASCE-7-10 Wind 142 mph (V_{ult})
- TIA-222-G Wind w/ 3/4" Ice 30 mph (3-Sec Gust)
- Operational Wind Speed 60 mph (3-Sec Gust)

Structure Class	Exposure Category	Topographic Category
II (I = 1.0)	C	I

Appurtenance Listing:

Status	Elev.	Antenna / Mounting	Coax	Owner
Proposed	140'	(6) Commscope JAHH-65B-R3B + (3) Samsung 64T64RMMU (3) Samsung BR049 B2/B66A + (3) BR04C B5/B13 RRH's (3) Commscope CBC78T-DS-43-2X Diplexers Low Profile Platform	(1) 12x24 Hybrid	Verizon

All antenna lines assumed internally mounted, not exposed to the wind.

Foundation Analysis:

The existing monopole foundation design was analyzed in conjunction with site specific geotechnical report. The existing foundation has sufficient capacity to support the pole with the proposed antenna configuration.

Conclusion:

I have completed a structural analysis of the existing monopole and foundation in accordance with the project specifics outlined above. My analysis indicates that the existing monopole and foundation are structurally adequate when considering the existing plus proposed loading. Please refer to the attached calculations for an itemized listing of all member stress ratios. The existing pole is safe and adequate to support the proposed loads, and no structural reinforcing is required to support the above loading.

If you have any questions about the contents of this structural report or require any additional information, please feel free to contact my office.

Sincerely,

Michael F. Plahovinsak, P.E.

mike@mfpeng.com – 614.398-6250

Standard Conditions for Providing Structural Consulting Services on Existing Structures

1. The following standard conditions are a general overview of key issues regarding the work product supplied.

2. If the existing conditions are not as represented in this structural report or attached sketches, I should be contacted to evaluate the significance of the deviation and revise the structural assessment accordingly.

3. The structural analysis has been performed assuming that the structure is in "like new" condition. No allowance was made for excessive corrosion, damaged or missing structural members, loose bolts, etc. If there are any known deficiencies in the structure that potentially compromise structural integrity, I should be made aware of the deficiencies. If I am aware of a deficiency that exists in a structure at the time of my analysis, a general explanation of the structural concern due to the deficiency will be included in the structural report, but the deficiency will not be reflected in capacity calculations.

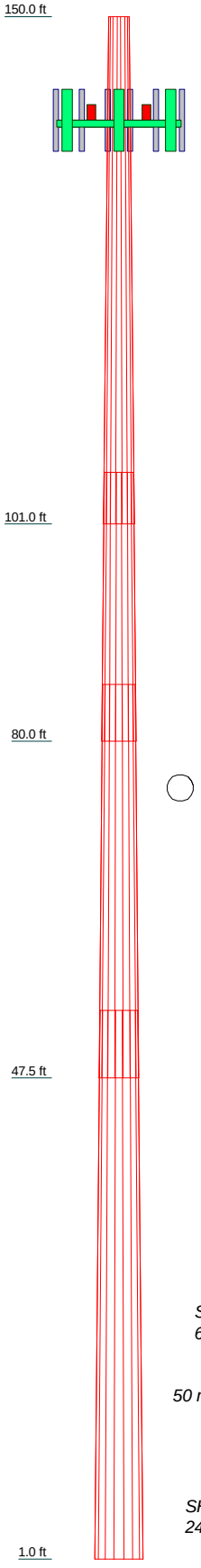
4. The structural analysis provided is an assessment of the primary load carrying capacity of the structure. I provide a limited scope of service in that I have not verified the capacity of every weld, plate, connection detail, etc. In most cases, structural fabrication details are unknown at the time of my analysis, and the detailed field measurement of this information is beyond the scope of my services. In instances where I have not performed connection capacity calculations, it is assumed that existing manufactured connections develop the full capacity of the primary members being connected.

5. The structural integrity of the existing foundation system can only be verified if exact foundation sizes and soils conditions are known. I will not accept any responsibility for the adequacy of the existing foundations unless this site-specific data is supplied.

6. Miscellaneous items such as antenna mounts, coax supports, etc. have not been designed, detailed, or specified as part of my work. It is assumed that material of adequate size and strength will be purchased from a reputable component manufacturer. The attached report and sketches are schematic in nature and should not be used to fabricate or purchase hardware and accessories to be attached to the structure. I recommend field measurement of the structure before fabricating or purchasing new hardware and accessories. I am not responsible for proper fit and clearance of hardware and accessory items in the field.

7. The structural analysis has been performed considering minimum code requirements or recommendations. If alternate wind, ice, or deflection criteria are to be considered, then I shall be made aware of the alternate criteria.

Section	Length (ft)	Number of Sides	Thickness (in)	Socket Length (ft)	Top Dia (in)	Bot Dia (in)	Grade	Weight (K)
1	49.00	18	0.1875	5.00	24.0000	35.1800		2.9
2	26.00	18	0.2500	5.50	33.6642	39.6000		2.6
3	38.00	18	0.3125	6.50	37.8443	46.5100	A572-65	5.4
4	53.00	18	0.3750		44.4027	56.5000		10.7
								21.6



ALL REACTIONS ARE FACTORED

AXIAL 47 K
SHEAR 6 K
MOMENT 515 kip-ft
TORQUE 0 kip-ft
50 mph WIND - 0.7500 in ICE

AXIAL 29 K
SHEAR 24 K
MOMENT 2083 kip-ft
TORQUE 0 kip-ft
REACTIONS - 110 mph WIND

DESIGNED APPURTENANCE LOADING

TYPE	ELEVATION	TYPE	ELEVATION
(2) Commscope JAHH-1D6565-R3B (Verizon)	140	Samsung 64T64RMMU (Verizon)	140
Samsung 64T64RMMU (Verizon)	140	(3) Samsung BR049 B2/B66A RRH (Verizon)	140
(2) Commscope JAHH-1D6565-R3B (Verizon)	140	(3) Samsung BR04C B5/B13 RRH (Verizon)	140
Samsung 64T64RMMU (Verizon)	140	(3) Commscope CBC78T-DS-43-2X (Verizon)	140
(2) Commscope JAHH-1D6565-R3B (Verizon)	140	12' Low Profile Platform (Verizon)	140

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-G Standard.
3. Tower designed for a 110 mph basic wind in accordance with the TIA-222-G Standard.
4. Tower is also designed for a 50 mph basic wind with 0.75 in ice. Ice is considered to increase in thickness with height.
5. Deflections are based upon a 60 mph wind.
6. Tower Structure Class II.
7. Topographic Category 1 with Crest Height of 0.00 ft
8. ANSI/TIA-222-G wind speeds are Vasd winds. Refer to IBC Table 1609.3.1 for Vult wind speed conversions.
9. TOWER RATING: 42.2%

Michael Plahovinsak, P.E.
18301 State Route 161
Plain City, OH 43064
Phone: 614-398-6250
FAX: mike@mfpeng.com

Job: ***150-ft Monopole - MFP #40918-020 r3***			
Project: ***CT1212 Trumbull***			
Client: TARPON TOWERS II, LLC	Drawn by: Mike	App'd:	
Code: TIA-222-G	Date: 04/07/21	Scale: NTS	
Path: C:\Users\Mike\Dropbox\MFP Engineering Files\Projects\409-Misc\40918-020\40918-020 r3.eri		Dwg No. E-1	

Tower Input Data

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

Tower is located in Fairfield County, Connecticut.
Basic wind speed of 110 mph.
Structure Class II.
Exposure Category C.
Topographic Category 1.
Crest Height 0.00 ft.
Nominal ice thickness of 0.7500 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.
ANSI/TIA-222-G wind speeds are Vasd winds. Refer to IBC Table 1609.3.1 for Vult wind speed conversions..
A non-linear (P-delta) analysis was used.
Pressures are calculated at each section.
Stress ratio used in pole design is 1.
Local bending stresses due to climbing loads, feed line supports, and appurtenance mounts are not considered.

Tapered Pole Section Geometry

Section	Elevation ft	Section Length ft	Splice Length ft	Number of Sides	Top Diameter in	Bottom Diameter in	Wall Thickness in	Bend Radius in	Pole Grade
L1	150.00-101.00	49.00	5.00	18	24.0000	35.1800	0.1875	0.7500	A572-65 (65 ksi)
L2	101.00-80.00	26.00	5.50	18	33.6642	39.6000	0.2500	1.0000	A572-65 (65 ksi)
L3	80.00-47.50	38.00	6.50	18	37.8443	46.5100	0.3125	1.2500	A572-65 (65 ksi)
L4	47.50-1.00	53.00		18	44.4027	56.5000	0.3750	1.5000	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	24.3413	14.1714	1015.2211	8.4534	12.1920	83.2694	2031.7780	7.0871	3.8940	20.768
	35.6938	20.8249	3221.5922	12.4223	17.8714	180.2648	6447.4234	10.4144	5.8617	31.262
L2	35.3041	26.5142	3740.0461	11.8620	17.1014	218.6982	7485.0135	13.2596	5.4849	21.94
	40.1723	31.2242	6108.2751	13.9693	20.1168	303.6405	12224.5877	15.6151	6.5296	26.118
L3	39.6535	37.2269	6625.1270	13.3238	19.2249	344.6113	13258.9715	18.6170	6.1106	19.554
	47.1793	45.8221	12355.2010	16.4001	23.6271	522.9254	24726.6594	22.9154	7.6358	24.434
L4	46.5364	52.4040	12833.7667	15.6298	22.5566	568.9589	25684.4203	26.2070	7.1549	19.08

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
	57.3138	66.8028	26585.4920	19.9244	28.7020	926.2592	53205.9659	33.4077	9.2840	24.757

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 150.00-101.00				1	1	1			
L2 101.00-80.00				1	1	1			
L3 80.00-47.50				1	1	1			
L4 47.50-1.00				1	1	1			

Feed Line/Linear Appurtenances - Entered As Round Or Flat

Description	Face or Leg	Allow Shield	Exclude From Torque Calculation	Component Type	Placement ft	Total Number	Number Per Row	Clear Spacing in	Width or Diameter in	Perimeter in	Weight plf
***											

Feed Line/Linear Appurtenances - Entered As Area

Description	Face or Leg	Allow Shield	Exclude From Torque Calculation	Component Type	Placement ft	Total Number		C_AA_A ft^2/ft	Weight plf
12x24 (Verizon)	C	No	Yes	Inside Pole	140.00 - 1.00	1	No Ice	0.00	0.92
							1/2" Ice	0.00	0.92
							1" Ice	0.00	0.92
***									

Feed Line/Linear Appurtenances Section Areas

Tower Section	Tower Elevation ft	Face	A_R ft^2	A_F ft^2	C_AA_A In Face ft^2	C_AA_A Out Face ft^2	Weight K
L1	150.00-101.00	A	0.000	0.000	0.000	0.000	0.00
		B	0.000	0.000	0.000	0.000	0.00
		C	0.000	0.000	0.000	0.000	0.04
L2	101.00-80.00	A	0.000	0.000	0.000	0.000	0.00
		B	0.000	0.000	0.000	0.000	0.00
		C	0.000	0.000	0.000	0.000	0.02
L3	80.00-47.50	A	0.000	0.000	0.000	0.000	0.00
		B	0.000	0.000	0.000	0.000	0.00
		C	0.000	0.000	0.000	0.000	0.03
L4	47.50-1.00	A	0.000	0.000	0.000	0.000	0.00

Tower Section	Tower Elevation ft	Face	A_R ft^2	A_F ft^2	C_AA_A In Face ft^2	C_AA_A Out Face ft^2	Weight K
		B	0.000	0.000	0.000	0.000	0.00
		C	0.000	0.000	0.000	0.000	0.04

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	150.00-101.00	A	1.713	0.000	0.000	0.000	0.000	0.00
		B		0.000	0.000	0.000	0.000	0.00
		C		0.000	0.000	0.000	0.000	0.04
L2	101.00-80.00	A	1.659	0.000	0.000	0.000	0.000	0.00
		B		0.000	0.000	0.000	0.000	0.00
		C		0.000	0.000	0.000	0.000	0.02
L3	80.00-47.50	A	1.601	0.000	0.000	0.000	0.000	0.00
		B		0.000	0.000	0.000	0.000	0.00
		C		0.000	0.000	0.000	0.000	0.03
L4	47.50-1.00	A	1.456	0.000	0.000	0.000	0.000	0.00
		B		0.000	0.000	0.000	0.000	0.00
		C		0.000	0.000	0.000	0.000	0.04

Discrete Tower Loads

Description	Face or Leg	Offset Type	Offsets: Horz Lateral ft / Vert ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
(2) Commscope JAHH-1D6565-R3B (Verizon)	A	From Face	3.00 0.00 0.00	0.0000	140.00	No Ice 1/2" Ice 1" Ice	9.11 9.58 10.05	7.41 8.37 9.20	0.08 0.16 0.24
Samsung 64T64RMMU (Verizon)	A	From Face	3.00 0.00 0.00	0.0000	140.00	No Ice 1/2" Ice 1" Ice	4.71 5.01 5.31	2.43 2.84 3.26	0.10 0.14 0.18
(2) Commscope JAHH-1D6565-R3B (Verizon)	B	From Face	3.00 0.00 0.00	0.0000	140.00	No Ice 1/2" Ice 1" Ice	9.11 9.58 10.05	7.41 8.37 9.20	0.08 0.16 0.24
Samsung 64T64RMMU (Verizon)	B	From Face	3.00 0.00 0.00	0.0000	140.00	No Ice 1/2" Ice 1" Ice	4.71 5.01 5.31	2.43 2.84 3.26	0.10 0.14 0.18
(2) Commscope JAHH-1D6565-R3B (Verizon)	C	From Face	3.00 0.00 0.00	0.0000	140.00	No Ice 1/2" Ice 1" Ice	9.11 9.58 10.05	7.41 8.37 9.20	0.08 0.16 0.24
Samsung 64T64RMMU (Verizon)	C	From Face	3.00 0.00 0.00	0.0000	140.00	No Ice 1/2" Ice 1" Ice	4.71 5.01 5.31	2.43 2.84 3.26	0.10 0.14 0.18
(3) Samsung BR049 B2/B66A RRH (Verizon)	A	From Face	2.00 0.00 0.00	0.0000	140.00	No Ice 1/2" Ice 1" Ice	1.88 2.05 2.22	1.25 1.39 1.54	0.08 0.10 0.12
(3) Samsung BR04C B5/B13 RRH (Verizon)	B	From Face	2.00 0.00 0.00	0.0000	140.00	No Ice 1/2" Ice 1" Ice	1.88 2.05 2.22	1.01 1.14 1.28	0.07 0.09 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
(3) Commscope	C	From Face	2.00	0.0000	140.00	No Ice	0.37	0.51	0.02
CBC78T-DS-43-2X			0.00			1/2" Ice	0.45	0.60	0.03
(Verizon)			0.00			1" Ice	0.53	0.70	0.04
12' Low Profile Platform	C	None		0.0000	140.00	No Ice	14.00	14.00	1.10
(Verizon)						1/2" Ice	16.00	16.00	1.70
						1" Ice	18.00	18.00	2.30

Load Combinations

Comb. No.	Description
1	Dead Only
2	1.2 Dead+1.6 Wind 0 deg - No Ice
3	0.9 Dead+1.6 Wind 0 deg - No Ice
4	1.2 Dead+1.6 Wind 90 deg - No Ice
5	0.9 Dead+1.6 Wind 90 deg - No Ice
6	1.2 Dead+1.6 Wind 180 deg - No Ice
7	0.9 Dead+1.6 Wind 180 deg - No Ice
8	1.2 Dead+1.0 Ice+1.0 Temp
9	1.2 Dead+1.0 Wind 0 deg+1.0 Ice+1.0 Temp
10	1.2 Dead+1.0 Wind 90 deg+1.0 Ice+1.0 Temp
11	1.2 Dead+1.0 Wind 180 deg+1.0 Ice+1.0 Temp
12	Dead+Wind 0 deg - Service
13	Dead+Wind 90 deg - Service
14	Dead+Wind 180 deg - Service

Maximum Member Forces

Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial K	Major Axis Moment kip-ft	Minor Axis Moment kip-ft
L1	150 - 101	Pole	Max Tension	4	0.00	0.00	-0.00
			Max. Compression	8	-13.79	0.19	1.04
			Max. Mx	4	-5.59	-279.10	1.22
			Max. My	2	-5.60	-0.51	274.63
			Max. Vy	4	10.09	-279.10	1.22
			Max. Vx	2	-9.94	-0.51	274.63
			Max. Torque	5			0.32
L2	101 - 80	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	8	-18.57	0.19	1.04
			Max. Mx	4	-8.40	-513.21	1.59
			Max. My	2	-8.41	-0.87	505.61
			Max. Vy	4	12.77	-513.21	1.59
			Max. Vx	2	-12.61	-0.87	505.61
			Max. Torque	5			0.32
L3	80 - 47.5	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	8	-27.74	0.19	1.04
			Max. Mx	4	-14.44	-984.15	2.15

Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial K	Major Axis Moment kip-ft	Minor Axis Moment kip-ft
			Max. My	2	-14.45	-1.43	971.71
			Max. Vy	4	17.14	-984.15	2.15
			Max. Vx	2	-16.98	-1.43	971.71
			Max. Torque	5			0.32
L4	47.5 - 1	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	8	-47.48	0.19	1.03
			Max. Mx	4	-28.92	-2082.78	3.09
			Max. My	2	-28.92	-2.36	2062.28
			Max. Vy	4	24.10	-2082.78	3.09
			Max. Vx	2	-23.95	-2.36	2062.28
			Max. Torque	5			0.32

Maximum Tower Deflections - Service Wind

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
L1	150 - 101	8.230	13	0.4665	0.0002
L2	106 - 80	4.180	13	0.3733	0.0001
L3	85.5 - 47.5	2.716	13	0.2996	0.0000
L4	54 - 1	1.084	13	0.1849	0.0000

Critical Deflections and Radius of Curvature - Service Wind

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection in	Tilt °	Twist °	Radius of Curvature ft
140.00	(2) Commscope JAHH-1D6565-R3B	13	7.250	0.4502	0.0004	61598

Maximum Tower Deflections - Design Wind

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
L1	150 - 101	49.645	4	2.8162	0.0010
L2	106 - 80	25.208	4	2.2522	0.0004
L3	85.5 - 47.5	16.379	4	1.8074	0.0002
L4	54 - 1	6.535	4	1.1151	0.0001

Critical Deflections and Radius of Curvature - Design Wind

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection in	Tilt °	Twist °	Radius of Curvature ft

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection in	Tilt °	Twist °	Radius of Curvature ft
140.00	(2) Commscope JAHH-1D6565-R3B	4	43.732	2.7174	0.0025	10258

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	150 - 101 (1)	TP35.18x24x0.1875	49.00	0.00	0.0	20.1460	-5.59	1194.68	0.005
L2	101 - 80 (2)	TP39.6x33.6642x0.25	26.00	0.00	0.0	30.2279	-8.40	1951.16	0.004
L3	80 - 47.5 (3)	TP46.51x37.8443x0.3125	38.00	0.00	0.0	44.3519	-14.44	2939.60	0.005
L4	47.5 - 1 (4)	TP56.5x44.4027x0.375	53.00	0.00	0.0	66.8028	-28.92	4345.76	0.007

Pole Bending Design Data

Section No.	Elevation ft	Size	M_{ux} kip-ft	ϕM_{nx} kip-ft	Ratio $\frac{M_{ux}}{\phi M_{nx}}$	M_{uy} kip-ft	ϕM_{ny} kip-ft	Ratio $\frac{M_{uy}}{\phi M_{ny}}$
L1	150 - 101 (1)	TP35.18x24x0.1875	279.10	833.54	0.335	0.00	833.54	0.000
L2	101 - 80 (2)	TP39.6x33.6642x0.25	513.22	1530.41	0.335	0.00	1530.41	0.000
L3	80 - 47.5 (3)	TP46.51x37.8443x0.3125	984.15	2705.28	0.364	0.00	2705.28	0.000
L4	47.5 - 1 (4)	TP56.5x44.4027x0.375	2082.78	5021.38	0.415	0.00	5021.38	0.000

Pole Shear Design Data

Section No.	Elevation ft	Size	Actual V_u K	ϕV_n K	Ratio $\frac{V_u}{\phi V_n}$	Actual T_u kip-ft	ϕT_n kip-ft	Ratio $\frac{T_u}{\phi T_n}$
L1	150 - 101 (1)	TP35.18x24x0.1875	10.09	597.34	0.017	0.31	1670.52	0.000
L2	101 - 80 (2)	TP39.6x33.6642x0.25	12.77	975.58	0.013	0.31	3067.59	0.000
L3	80 - 47.5 (3)	TP46.51x37.8443x0.3125	17.14	1469.80	0.012	0.31	5422.89	0.000
L4	47.5 - 1 (4)	TP56.5x44.4027x0.375	24.10	2172.88	0.011	0.31	10065.17	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

Section No.	Elevation ft	Ratio P_u / ϕP_n	Ratio M_{ux} / ϕM_{nx}	Ratio M_{uy} / ϕM_{ny}	Ratio V_u / ϕV_n	Ratio T_u / ϕT_n	Comb. Stress Ratio	Allow. Stress Ratio	Criteria
L1	150 - 101 (1)	0.005	0.335	0.000	0.017	0.000	0.340 ✔	1.000	4.8.2 ✔
L2	101 - 80 (2)	0.004	0.335	0.000	0.013	0.000	0.340 ✔	1.000	4.8.2 ✔
L3	80 - 47.5 (3)	0.005	0.364	0.000	0.012	0.000	0.369 ✔	1.000	4.8.2 ✔
L4	47.5 - 1 (4)	0.007	0.415	0.000	0.011	0.000	0.422 ✔	1.000	4.8.2 ✔

Section Capacity Table

Section No.	Elevation ft	Component Type	Size	Critical Element	P K	ϕP_{allow} K	% Capacity	Pass Fail
L1	150 - 101	Pole	TP35.18x24x0.1875	1	-5.59	1194.68	34.0	Pass
L2	101 - 80	Pole	TP39.6x33.6642x0.25	2	-8.40	1951.16	34.0	Pass
L3	80 - 47.5	Pole	TP46.51x37.8443x0.3125	3	-14.44	2939.60	36.9	Pass
L4	47.5 - 1	Pole	TP56.5x44.4027x0.375	4	-28.92	4345.76	42.2	Pass
							Summary	
						Pole (L4)	42.2	Pass
						RATING =	**42.2**	**Pass**

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Plain City, OH 43064
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Job	Page
150-ft monopole - MFP #40918-020 r3	BP-G
Project	**Date**
CT1212 Trumbull	4/7/2021
Client	**Designed by**
TP-15472	Mike

Anchor Rod and Base Plate Calculation

ANSI/TIA-222-G-2

Factored Base Reactions:		***Pole Shape:***	***Anchor Rods:***	***Base Plate:***
Moment:	2083 ft-kips	18-Sided	(16) 2.25 in. A615 GR. 75	2.25 in. x 69.5 in. Round
Shear:	24 kips	***Pole Dia. (D_f):***	Anchor Rods Evenly Spaced	fy = 50 ksi
Axial:	29 kips	56.50 in	On a 63.5 in Bolt Circle	

Anchor Rod Calculation According to TIA-222-G section 4.9.9

ϕ =	0.80	TIA 4.9.9
I_{bolts} =	8064.50	in^2 Momet of Inertia
P_u =	98	kips Tension Force
V_u =	2	kips Shear Force
R_{nt} =	325.00	kips Nominal Tensile Strength
η =	0.50	for detail type (d)

The following Interation Equation Shall Be Satisfied:

$$\left(\frac{P_u + \frac{V_u}{\eta}}{\phi R_{nt}} \right) \leq 1.0$$

$$0.390 \leq 1$$

Base Plate Calculation According to TIA-222-G

ϕ =	0.90	TIA 4.7
M_{PL} =	238.0	in-kip Plate Moment
L =	11.1	in Section Length
Z =	14.0	Plastic Section Modulus
M_P =	702.0	in-kip Plastic Moment
ϕM_n =	631.8	in-kip Factored Resistance

Calculated Moment vs Factored Resistance

238.03 in-kip $\leq$ 632 in-kip

Anchor Rods Are Adequate	**39.0%** ☑
Base Plate is Adequate	**37.7%** ☑

Monopole Spread Footing Calculation

ANSI/TIA-222-G-2

Factored Base Reactions:		**Footing Dimensions:**		**Concrete:**
Moment:	2083 ft-kips	26 ft x 26 ft	7 ft Square Pier	f'c = 4000 psi
Shear:	24 kips	x 3 ft thick	w/6 in Reveal	Steel fy = 60 ksi
Axial:	29 kips	Bearing 6 ft B.G.	81.5 Yd3 Concrete	f = 0.75
Soil Backfill	100 pcf	Ultimate Bearing:	6000 psf	Water Table n/a

Foundation Weight

Weight of Pole	29.0	kips
Weight of Concrete	329.925	kips
Weight of Soil	188.1	kips
Bouyancy of Water	0.0	kips
Total	547.0	kips

Overturning Resistance:

Overturning Moment (M_u)	2239	ft-kips	2083 ft-kips + (24 kips x 6.5 ft)
Resisting Moment (R_s)	7111.325	ft-kips	547.025 kips x 26 ft / 2
ϕ x R_s > M_u	$M_{overturning}$ / f M_{resist}		**42.0%** **OK**

Soil Bearing Pressure:

Eccentricity (e)	4.09	ft	2239 ft-kips / 547.025 kips
6(e)	24.6 ft	<	26.0 ft OK
Maximum Soil Bearing	1573.5463	psf	Calculated across corners
Soil Overburden	-600	psf	
Net Soil Bearing	973.54631	psf	
Resisting Soil Bearing (R_s)	6000	psf	
Net Soil Bearing < ϕ x R_s	Net Bearing / f R_s		**21.6%** **OK**

Bending Moment in Pier:

Bending Moment	2167	ft-kips	2083 ft-kips + (24 kips x 3.5 ft)
Pier Steel Req'd (Loads)	24.79	in^2	
Min. Pier Steel	35.28	in^2	1/2% (Based on Square Pier)

Bending Moment in Footing:

Max Bending Moment	1231.7223	ft-kips	Σ Moments about pier face
Footing Steel Req'd (Loads)	0.57	in^2/ft	
Min. Footing Steel	0.78	in^2/ft	0.18%

Maser Consulting Connecticut
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Mt. Laurel, NJ 08054
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Antenna Mount Analysis Report and PMI Requirements

Mount Analysis

SMART Tool Project #: 10018155
Maser Consulting Connecticut Project #: 20777339A

November 10, 2020

Site Information	*Site ID:*	*470866-VZW / Trumbull South CT*
	Site Name:	*Trumbull South CT*
	Carrier Name:	*Verizon Wireless*
	Address:	*54 Jeffrey Place* *Trumbull, Connecticut 06611* *Fairfield County*
	Latitude:	*41.25186111°*
	Longitude:	*-73.19295278°*
Structure Information	*Tower Type:*	*149.0-Ft Monopole*
	Mount Type:	*12.54-Ft Platform*

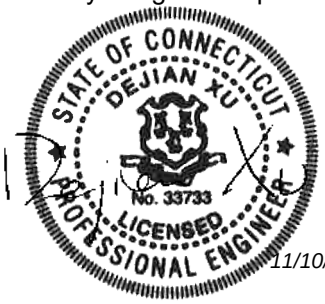
FUZE ID # 16231937

Analysis Results

Platform: **43.0% Pass**

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

Report Prepared By: Abigail Enriquez



11/10/2020

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: 5064148*
Mount Mapping Report	*RKS Design & Engineering LLC., Site ID: TT:CT1212,VZW:470866 dated October 24, 2020*

Analysis Criteria:

Codes and Standards:	ANSI/TIA-222-H	
Wind Parameters:	Basic Wind Speed (Ultimate 3-sec. Gust), V_{ULT}:	118 mph
	Ice Wind Speed (3-sec. Gust):	50 mph
	Design Ice Thickness:	1.00 in
	Risk Category:	II
	Exposure Category:	B
	Topographic Category:	1
	Topographic Feature Considered:	N/A
	Topographic Method:	N/A
	Ground Elevation Factor, K_e:	0.990
Seismic Parameters:	S_S:	0.210
	S_1:	0.054
Maintenance Parameters:	Wind Speed (3-sec. Gust):	30 mph
	Maintenance Live Load, Lv:	250 lbs.
	Maintenance Live Load, Lm:	500 lbs.
Analysis Software:	RISA-3D (V17)	

Final Loading Configuration:

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

Mount Elevation (ft)	Equipment Elevation (ft)	Quantity	Manufacturer	Model	Status
137.0	140.00	6	Commscope	JAHH-65B-R3B	Retained
		1	Raycap	RHSDC-6627-PF-48	
		3	Commscope	CBC78T-DS-43-2X	Added
		3	Samsung	B2/B66A RRH-BR049	
		3	Samsung	B5/B13 RRH-BR04C	
		3	-	nL-Sub6 Antenna	

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:
    - o Channel, Solid Round, Angle, Plate — ASTM A36 (Gr. 36)
    - o HSS (Rectangular) — ASTM 500 (Gr. B-46)
    - o Pipe — ASTM A53 (Gr. B-35)
    - o Threaded Rod — F1554 (Gr. 36)
    - o 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
Mount Pipe	*43.0%*	*Pass*
Handrail	*31.9%*	*Pass*
Face Horizontal	*12.9%*	*Pass*
Handrail Corner	*34.3%*	*Pass*
Kickers	*7.0%*	*Pass*
Corner Plate	*18.7%*	*Pass*
Cross Arm Plate	*25.1%*	*Pass*
Grating Support	*13.6%*	*Pass*
Platform Crossmember	*11.1%*	*Pass*
Standoff Horizontal	*10.6%*	*Pass*
Connection Check	*10.3%*	*Pass*

Structure Rating – *(Controlling Utilization of all Components)*	**43.0%**

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

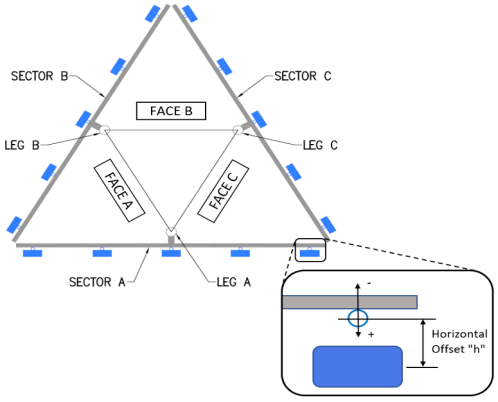
V3.0 Updated on 8-31-2020

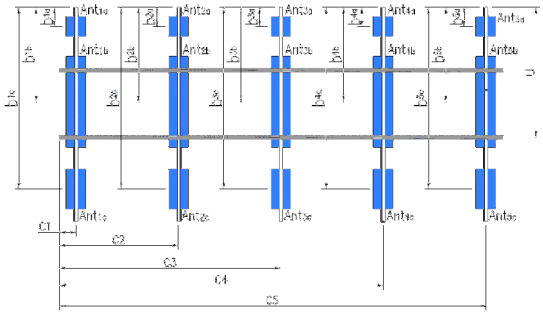
Antenna Mount Mapping Form (PATENT PENDING)

FCC #
UNKNOWN

Tower Owner:	TARPON TOWERS II,LLC	**Mapping Date:**	10/24/2020
Site Name:	TT:TRUMBULL,VZW:Trumbull South CT	**Tower Type:**	Monopole
Site Number or ID:	TT:CT1212,VZW:470866	**Tower Height (Ft.):**	149
Mapping Contractor:	RKS Design & Engineering LLC	**Mount Elevation (Ft.):**	137

Please insert the sketches of the antenna mount from the "Sketches" tab with dimensions and members here.





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	Pipe 2.875"Ø X 0.20" X 96.5" Lon	63.00	19.50	C1	Pipe 2.875"Ø X 0.20" X 96.5" Long	63.00	19.50
A2	Pipe 2.875"Ø X 0.20" X 96.5" Lon	69.25	45.50	C2	Pipe 2.875"Ø X 0.20" X 96.5" Long	69.25	45.50
A3	Pipe 2.875"Ø X 0.20" X 96.5" Lon	68.75	81.50	C3	Pipe 2.875"Ø X 0.20" X 96.5" Long	68.75	81.50
A4	Pipe 2.875"Ø X 0.20" X 96.5" Lon	68.75	129.50	C4	Pipe 2.875"Ø X 0.20" X 96.5" Long	68.75	129.00
A5				C5			
A6				C6			
B1	Pipe 2.875"Ø X 0.20" X 96.5" Lon	63.00	19.50	D1			
B2	Pipe 2.875"Ø X 0.20" X 96.5" Lon	69.25	43.50	D2			
B3	Pipe 2.875"Ø X 0.20" X 96.5" Lon	68.75	80.50	D3			
B4	Pipe 2.875"Ø X 0.20" X 96.5" Lon	68.75	128.00	D4			
B5				D5			
B6				D6			

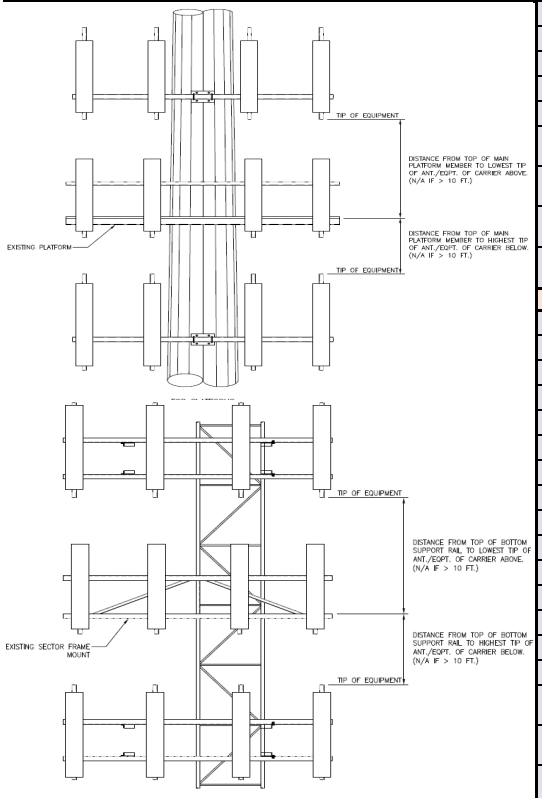
Distance between bottom rail and mount CL elevation (dim d). Unit is inches. See 'Mount Elev Ref' tab for details. :	
Distance from top of bottom support rail to lowest tip of ant./eqpt. of Carrier above. (N/A if > 10 ft.) :	
Distance from top of bottom support rail to highest tip of ant./eqpt. of Carrier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

Tower Face Width at Mount Elev. (ft.):		Tower Leg Size or Pole Shaft Diameter at Mount Elev. (in.):	27

	Enter antenna model. If not labeled, enter "Unknown".						Mounting Locations [Units are inches and degrees]			Photos of antennas
Ants. Items	Antenna Models if Known	Width (in.)	Depth (in.)	Height (in.)	Coax Size and Qty	Antenna Center-line (Ft.)	Vertical Distances"b_{1a}, b_{2a}, b_{3a}, b_{1b}...." (Inches)	Horiz. Offset "h" (Use "-" if Ant. is behind)	Antenna Azimuth (Degrees)	Photo Numbers
Sector A										
Ant_{1a}										
Ant_{1b}										
Ant_{1c}										
Ant_{2a}	B66a RRH 4x45	11.80	7.20	25.80		139.688	37.00	-6.50		10,211
Ant_{2b}										
Ant_{2c}										
Ant_{3a}	B13 RRH4x30	12.00	9.00	21.60		139.479	39.00	-7.00		10,212
Ant_{3b}	(2)JAHH-65B-R3B	13.80	8.20	72.00		139.229	42.00	13.00	0.00	10,212
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										

Mount Azimuth (Degree) for Each Sector				Tower Leg Azimuth (Degree) for Each Sector	
Sector A:	0.00	Deg	Leg A:		Deg
Sector B:	120.00	Deg	Leg B:		Deg
Sector C:	240.00	Deg	Leg C:		Deg
Sector D:		Deg	Leg D:		Deg

Climbing Facility Information			
Location:	240.00	Deg	Sector C
Climbing Facility	Corrosion Type:		N/A
	Access:		Climbing path was unobstructed.
	Condition:		Good condition.



Sector B										
Ant_{1a}										
Ant_{1b}										
Ant_{1c}										
Ant_{2a}	B66a RRH 4x45	11.80	7.20	25.80		139.688	37.00	-6.50		18,215
Ant_{2b}										
Ant_{2c}										
Ant_{3a}	B13 RRH4x30	12.00	9.00	21.60		139.479	39.00	-7.00		18,216
Ant_{3b}	(2)JAHH-65B-R3B	13.80	8.20	72.00		139.229	42.00	13.00	100.00	18,216
Ant_{3c}										
Ant_{4a}										
Ant_{4b}										
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff	RHSDC-6627-PF-48	16.50	12.60	29.50			2.00			463
Ant on Standoff										
Ant on Tower										
Ant on Tower										
Sector C										
Ant_{1a}										
Ant_{1b}										
Ant_{1c}										
Ant_{2a}	B66a RRH 4x45	11.80	7.20	25.80		139.688	37.00	-6.50		25,220
Ant_{2b}										
Ant_{2c}										
Ant_{3a}	B13 RRH4x30	12.00	9.00	21.60		139.479	39.00	-7.00		25,220
Ant_{3b}	(2)JAHH-65B-R3B	13.80	8.20	72.00		139.229	42.00	13.00	220.00	25,220
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										
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	COAX TOTAL (1): (1) 1-5/8 HYBRID	
2		
3		
4		
5		
6		
7		
8		

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

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

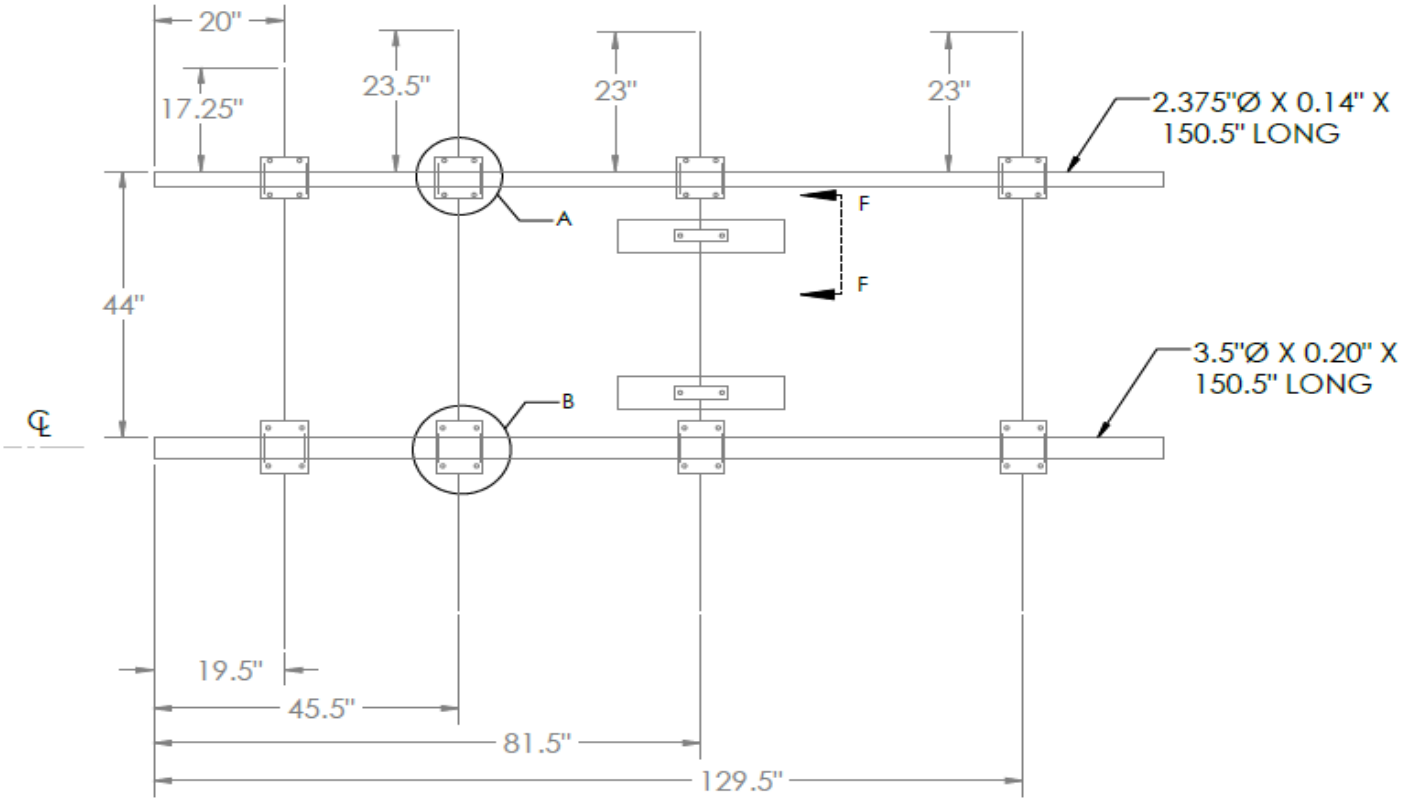
V3.0 Updated on 8-31-2020

Antenna Mount Mapping Form (PATENT PENDING)

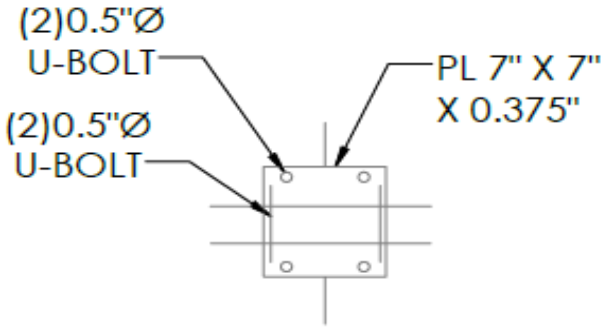
FCC #
UNKNOWN

Tower Owner:	TARPON TOWERS II,LLC	**Mapping Date:**	10/24/2020
Site Name:	TT:TRUMBULL,VZW:Trumbull South CT	**Tower Type:**	Monopole
Site Number or ID:	TT:CT1212,VZW:470866	**Tower Height (Ft.):**	149
Mapping Contractor:	RKS Design & Engineering LLC	**Mount Elevation (Ft.):**	137

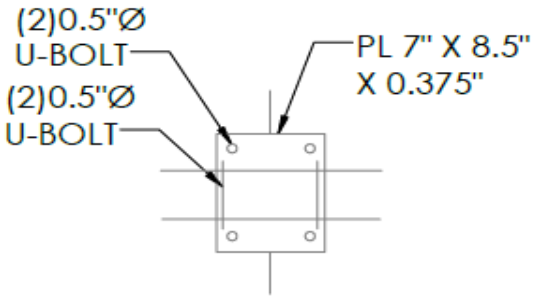
Please Insert Sketches of the Antenna Mount



SECTOR A

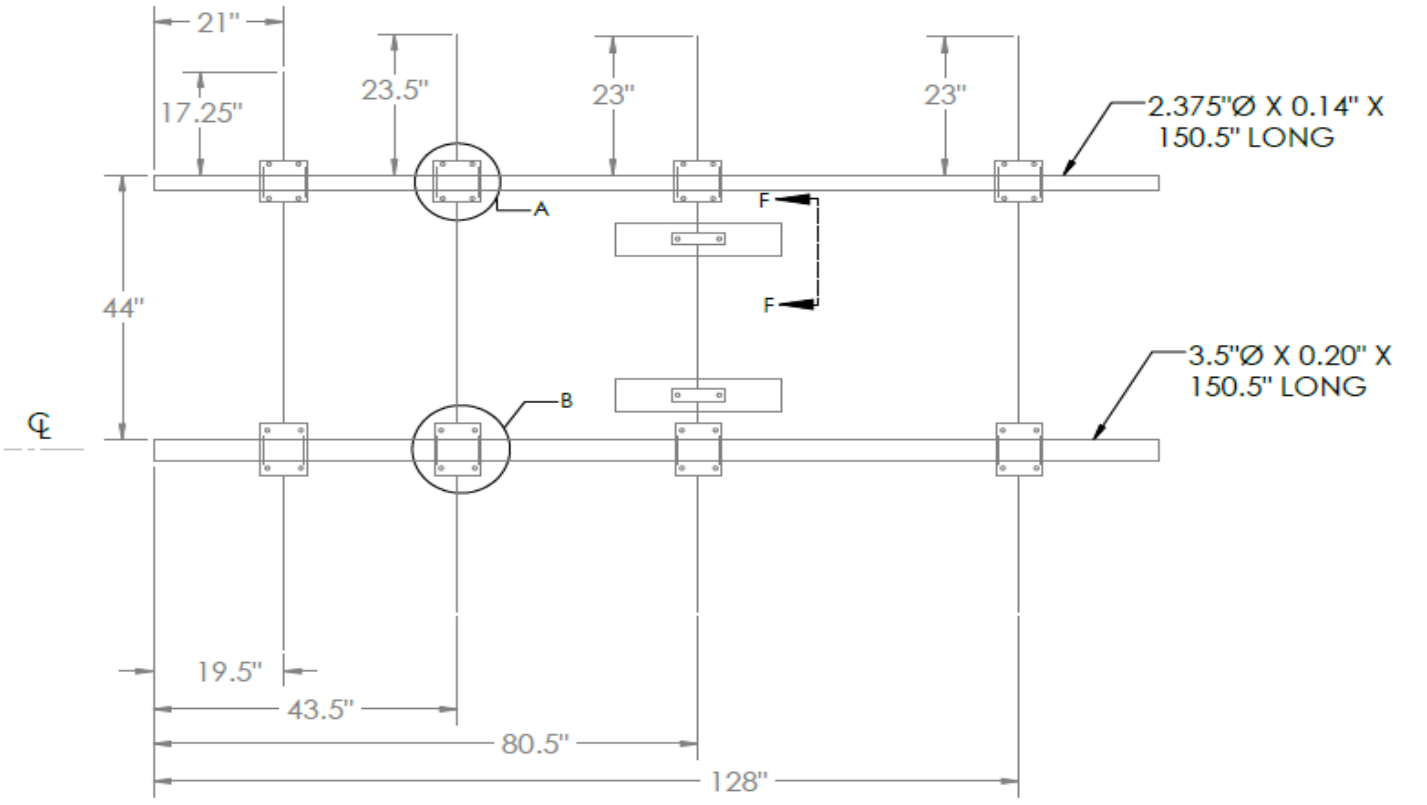


DETAIL A

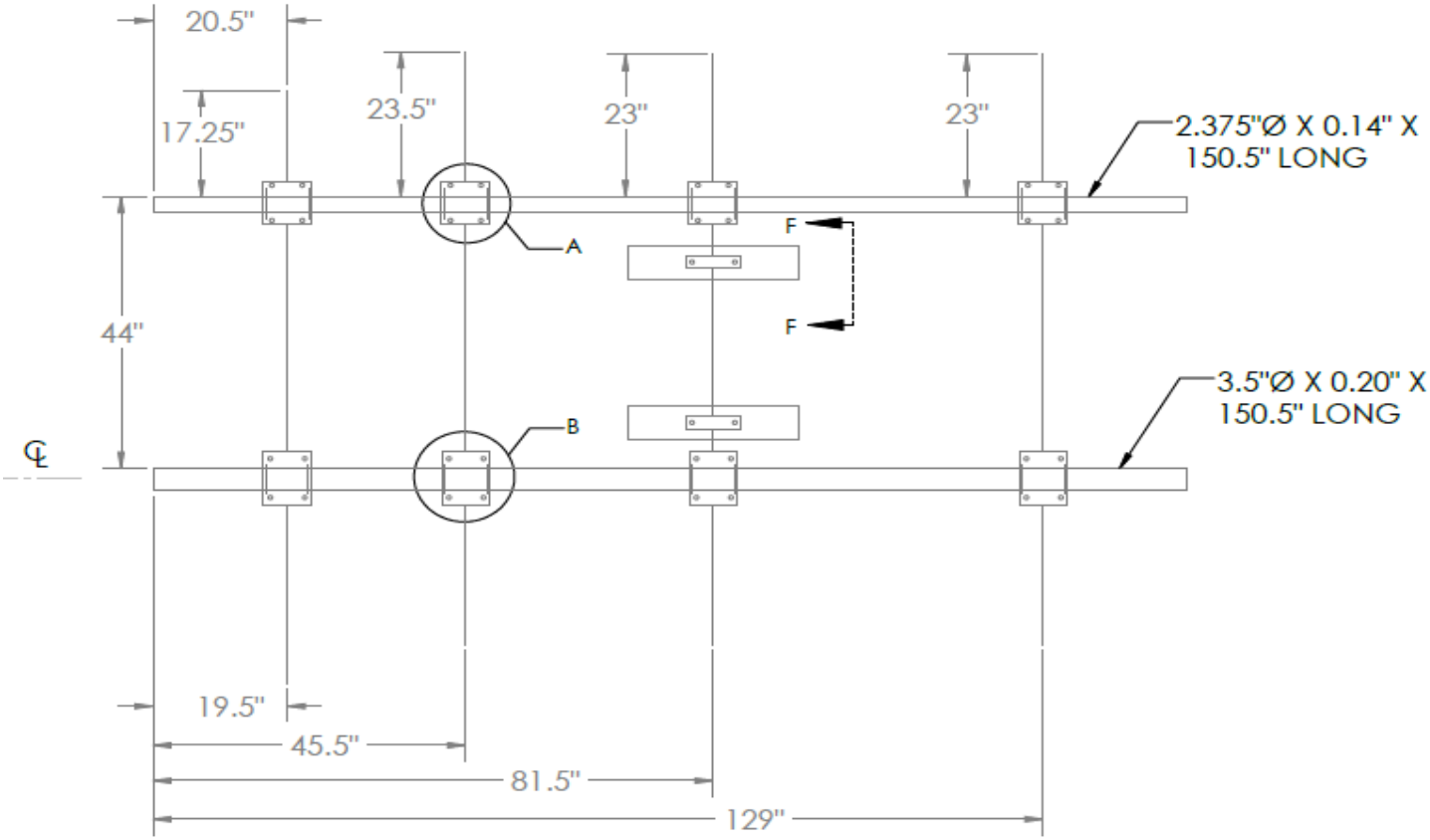


DETAIL B

Please Insert Sketches of the Antenna Mount, cont'd

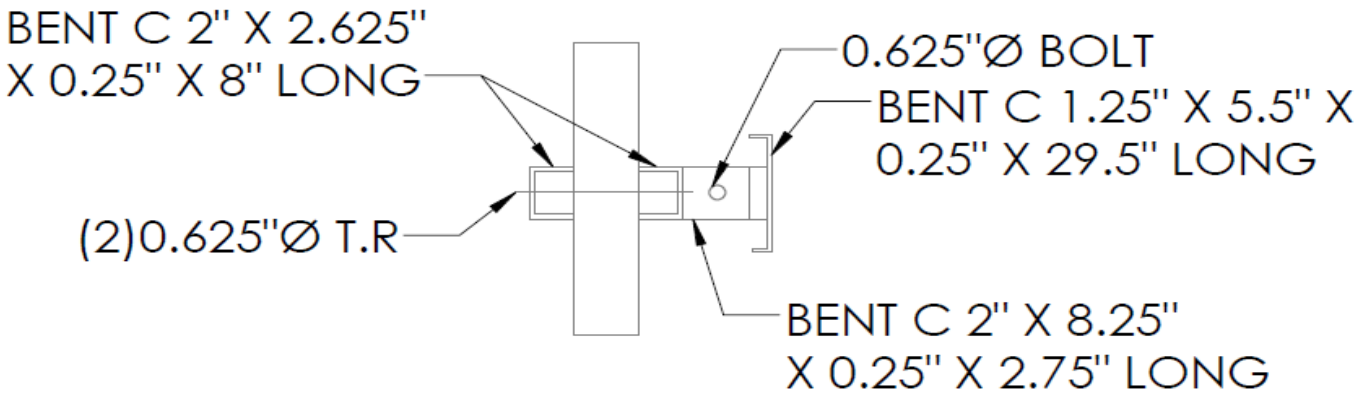


SECTOR B

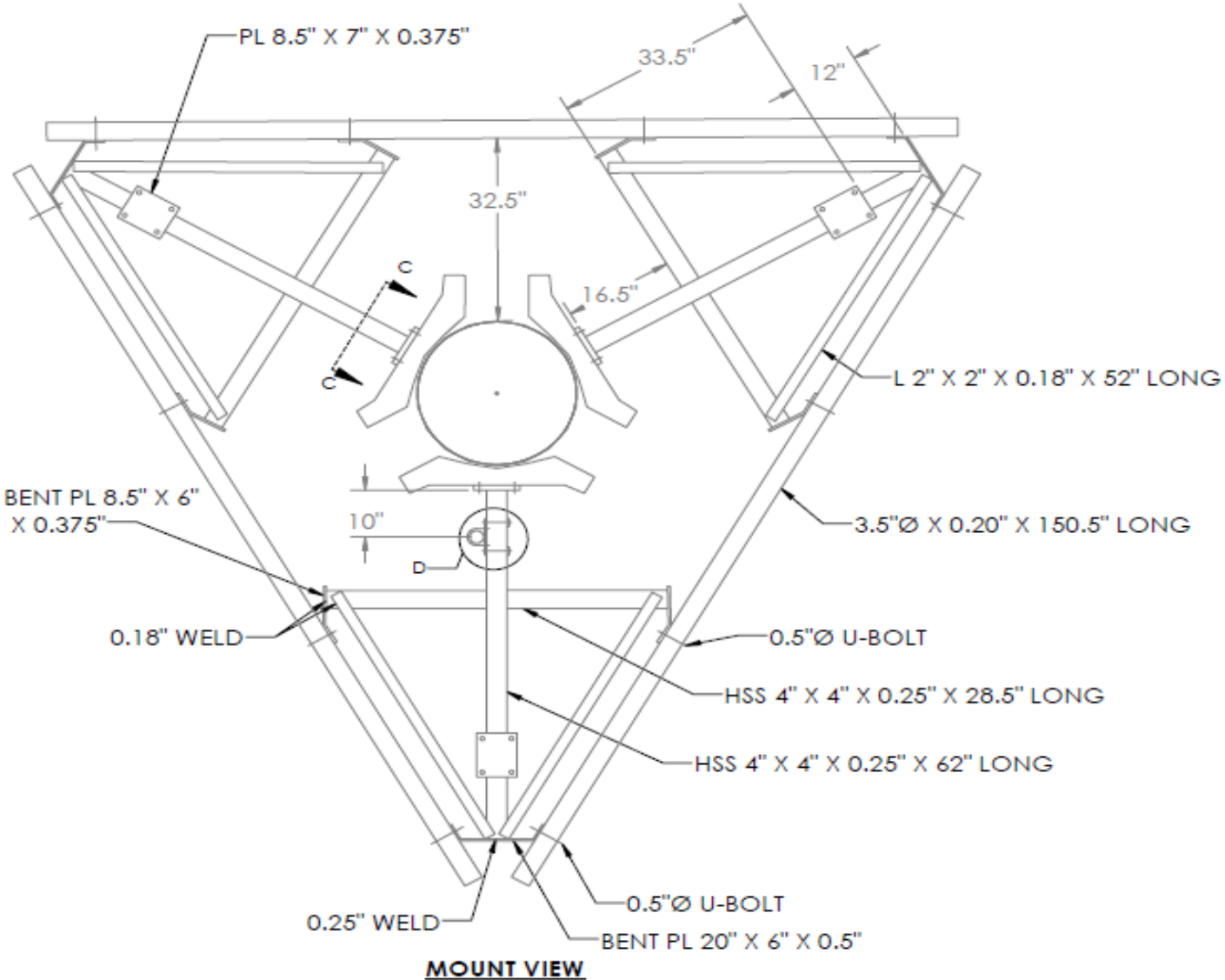


SECTOR C

Please Insert Sketches of the Antenna Mount, cont'd

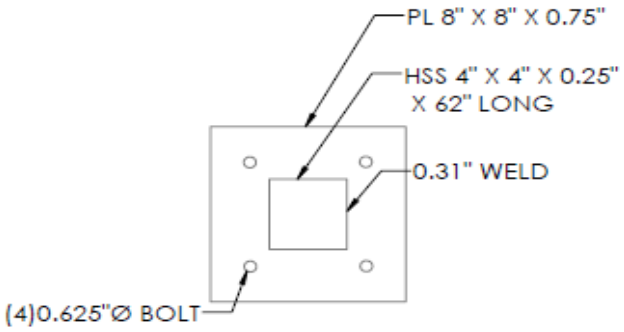


SECTION E-E

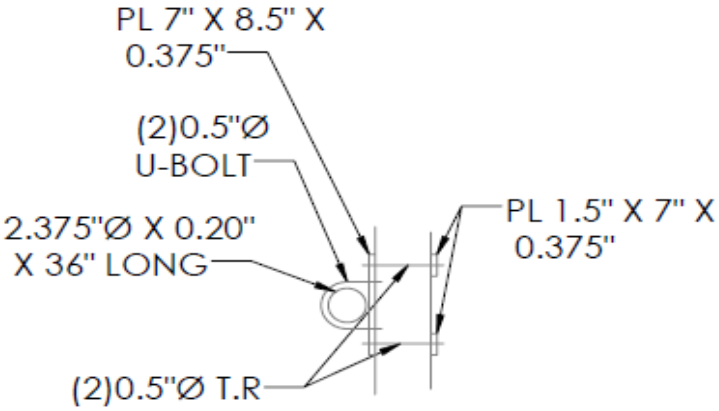


MOUNT VIEW

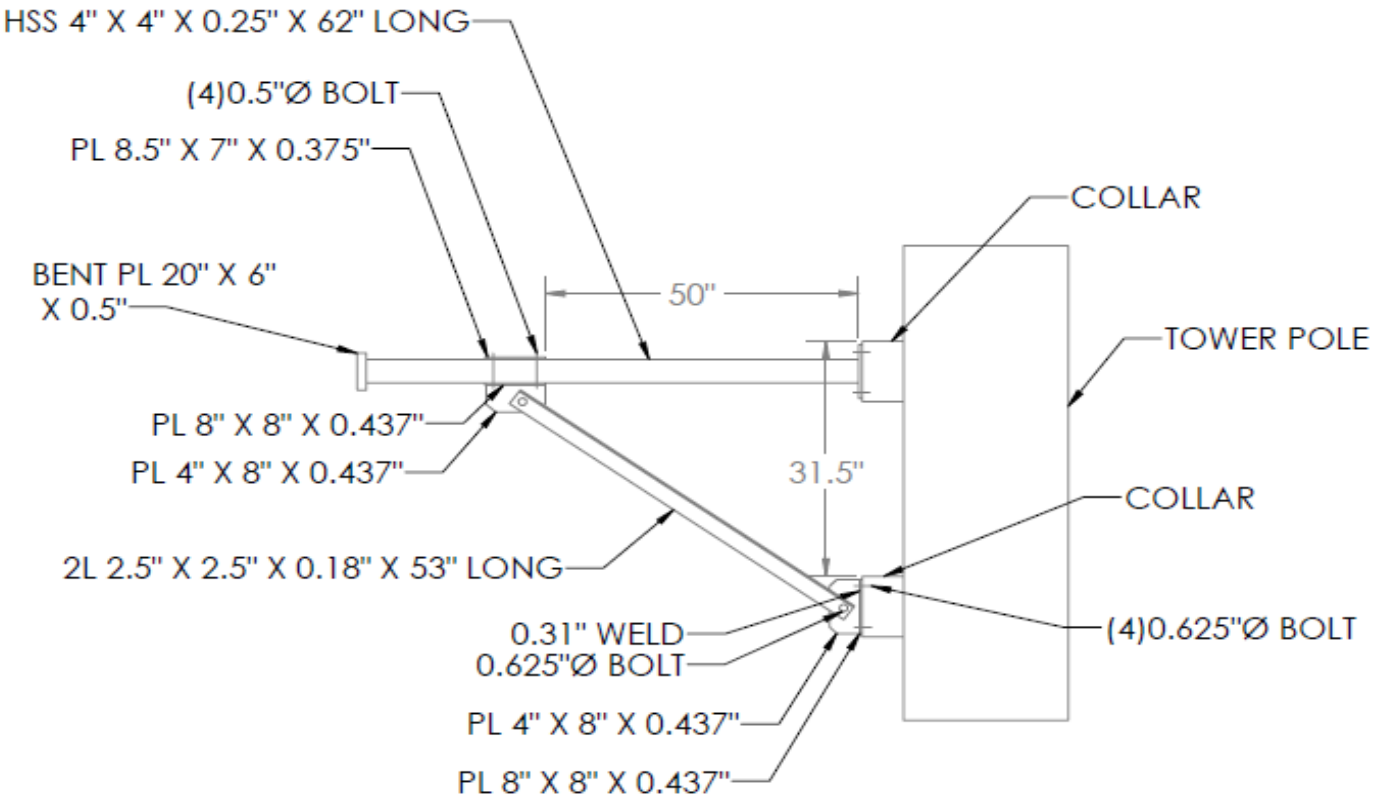
Please Insert Sketches of the Antenna Mount, cont'd



SECTION C-C



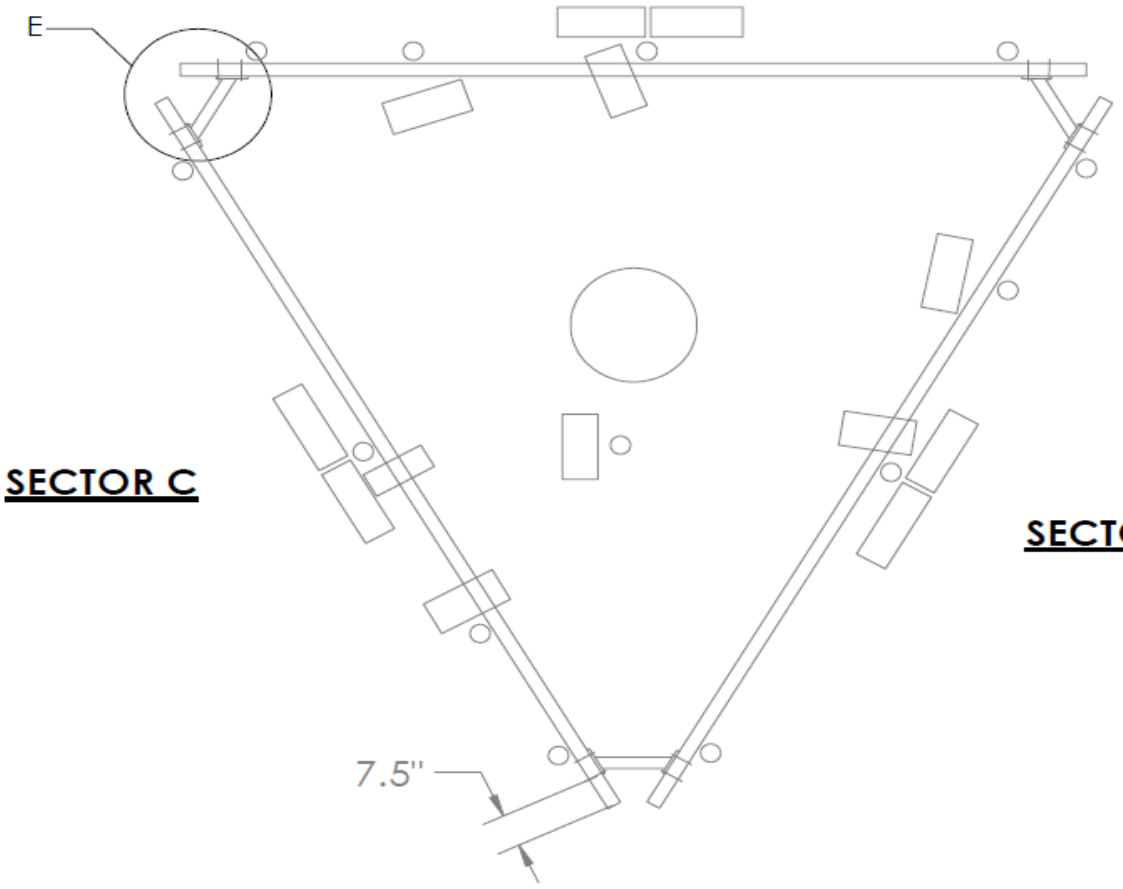
DETAIL D



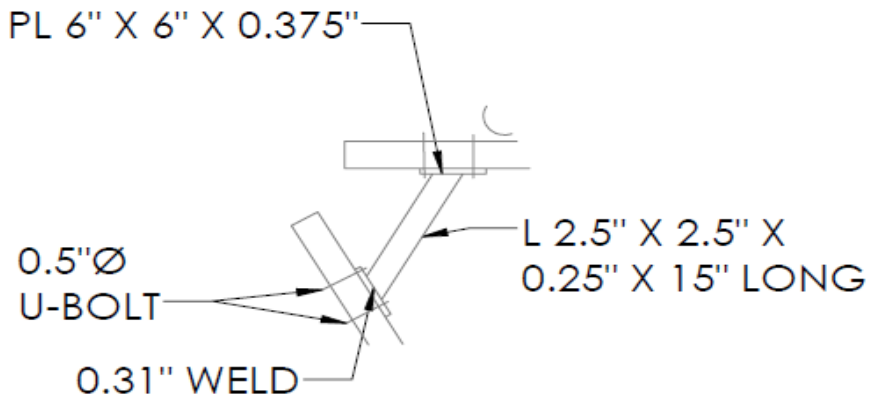
STANDOFF VIEW

Please Insert Sketches of the Antenna Mount, cont'd

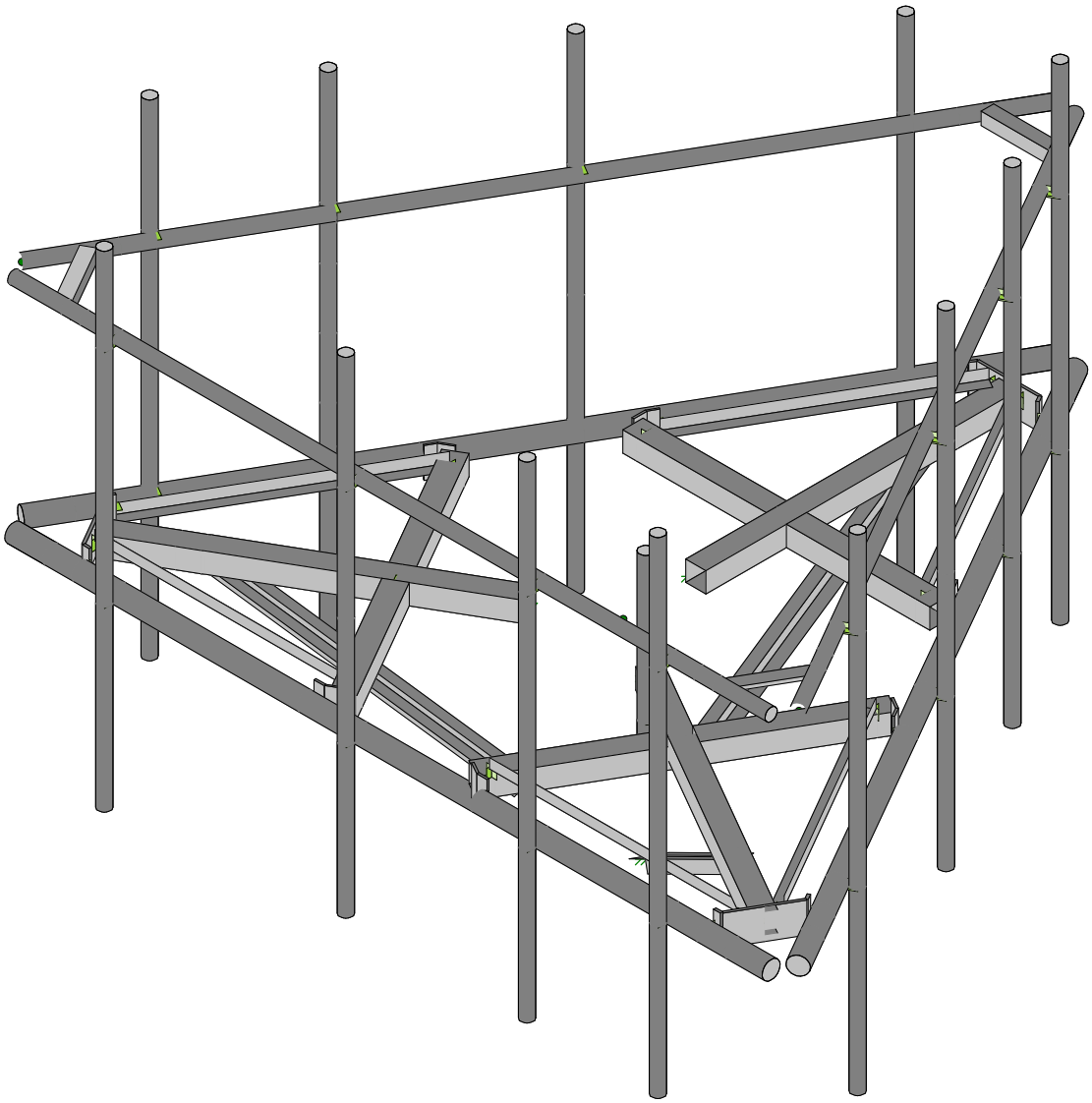
SECTOR A



ANTENNA PLAN VIEW



DETAIL E



Maser Consulting	Antenna Mount Analysis	SK - 1
AE		Nov 10, 2020 at 3:02 PM
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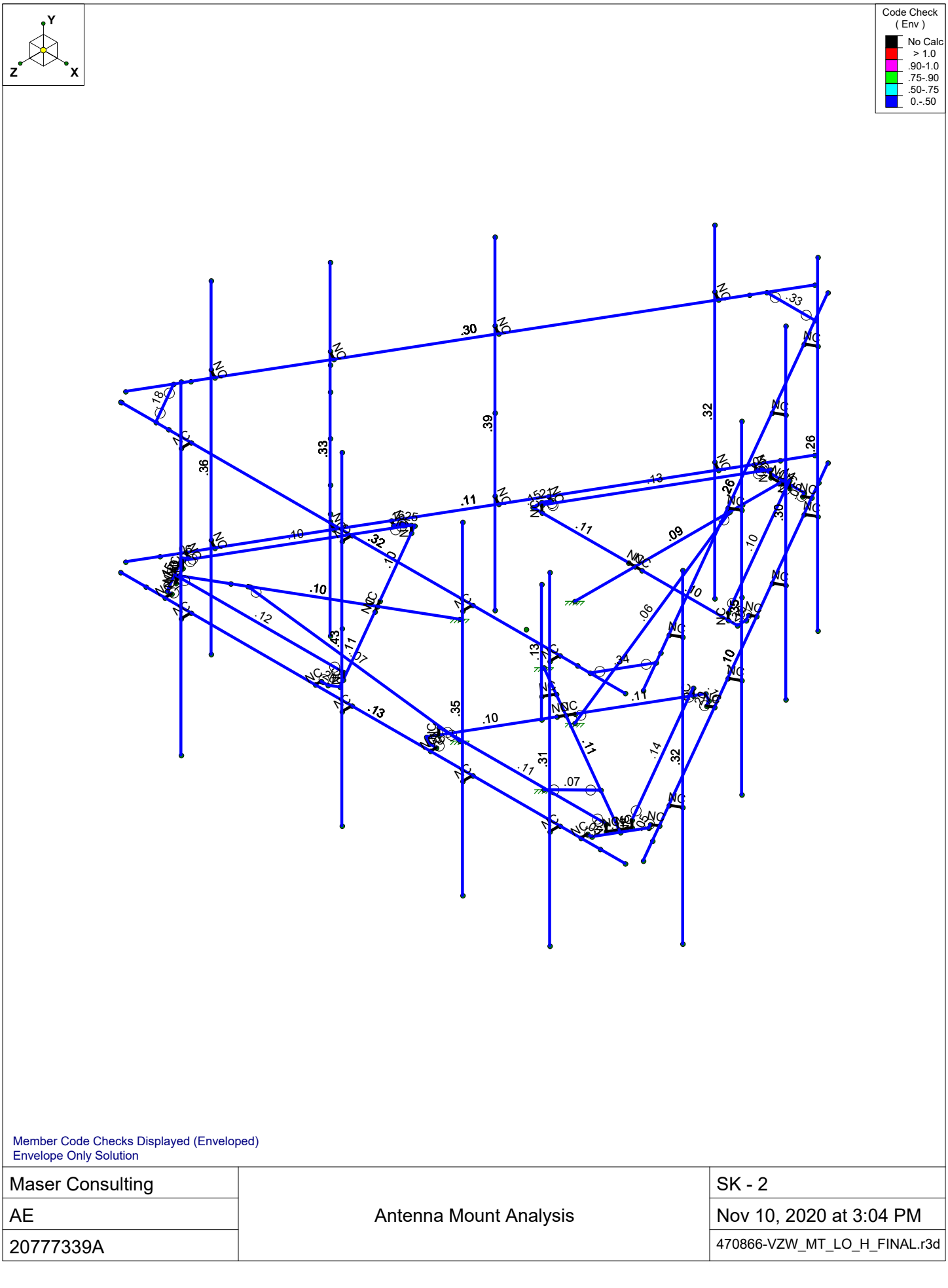

Member Code Checks Displayed (Enveloped)
Envelope Only Solution

Maser Consulting	Antenna Mount Analysis	SK - 2
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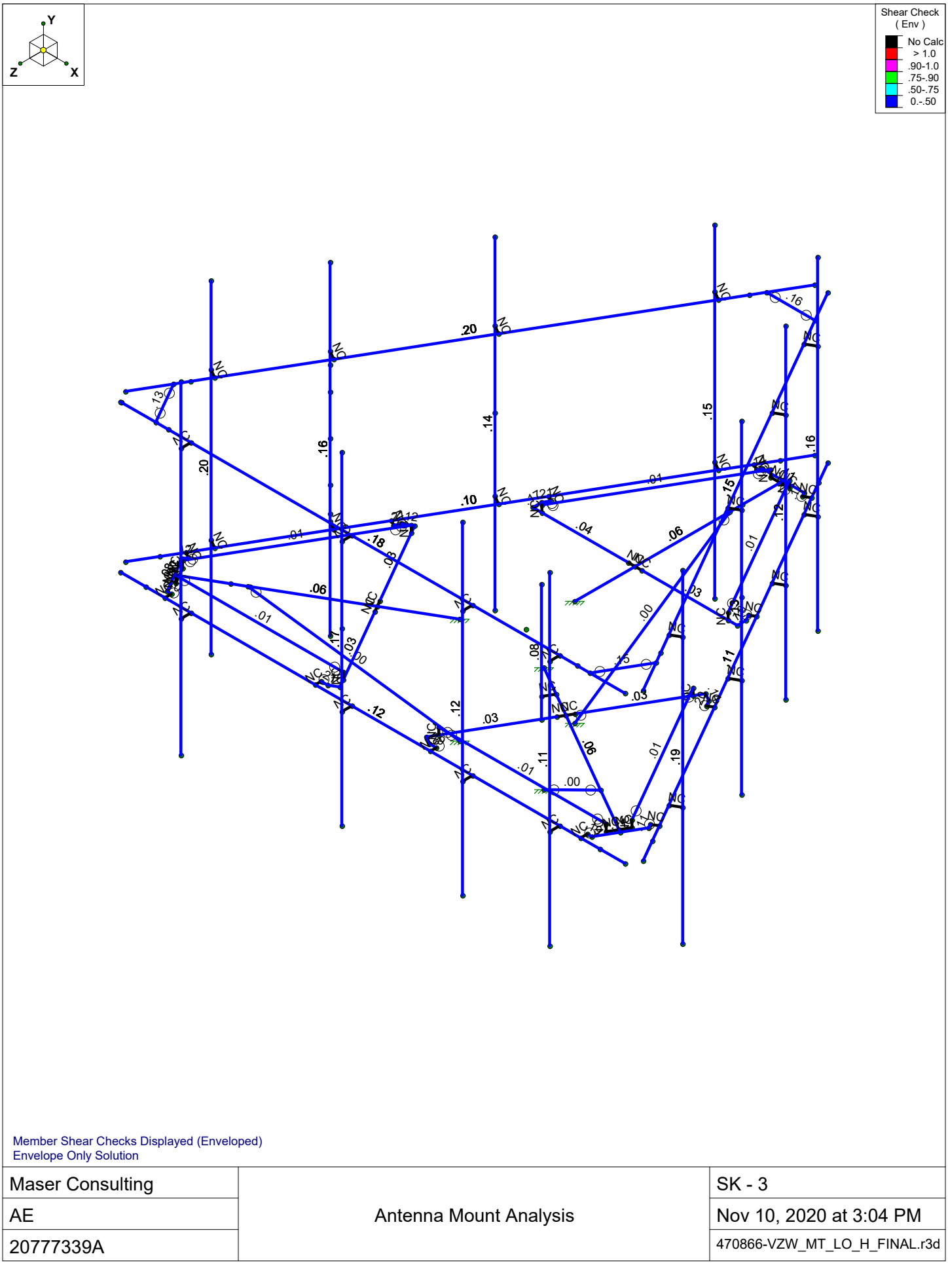


Member Shear Checks Displayed (Enveloped)
Envelope Only Solution

Maser Consulting	Antenna Mount Analysis	SK - 3
AE		Nov 10, 2020 at 3:04 PM
20777339A		470866-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					84			
2	Antenna Di	None					84			
3	Antenna Wo (0 Deg)	None					84			
4	Antenna Wo (30 Deg)	None					84			
5	Antenna Wo (60 Deg)	None					84			
6	Antenna Wo (90 Deg)	None					84			
7	Antenna Wo (120 Deg)	None					84			
8	Antenna Wo (150 Deg)	None					84			
9	Antenna Wo (180 Deg)	None					84			
10	Antenna Wo (210 Deg)	None					84			
11	Antenna Wo (240 Deg)	None					84			
12	Antenna Wo (270 Deg)	None					84			
13	Antenna Wo (300 Deg)	None					84			
14	Antenna Wo (330 Deg)	None					84			
15	Antenna Wi (0 Deg)	None					84			
16	Antenna Wi (30 Deg)	None					84			
17	Antenna Wi (60 Deg)	None					84			
18	Antenna Wi (90 Deg)	None					84			
19	Antenna Wi (120 Deg)	None					84			
20	Antenna Wi (150 Deg)	None					84			
21	Antenna Wi (180 Deg)	None					84			
22	Antenna Wi (210 Deg)	None					84			
23	Antenna Wi (240 Deg)	None					84			
24	Antenna Wi (270 Deg)	None					84			
25	Antenna Wi (300 Deg)	None					84			
26	Antenna Wi (330 Deg)	None					84			
27	Antenna Wm (0 Deg)	None					84			
28	Antenna Wm (30 Deg)	None					84			
29	Antenna Wm (60 Deg)	None					84			
30	Antenna Wm (90 Deg)	None					84			
31	Antenna Wm (120 Deg)	None					84			
32	Antenna Wm (150 Deg)	None					84			
33	Antenna Wm (180 Deg)	None					84			
34	Antenna Wm (210 Deg)	None					84			
35	Antenna Wm (240 Deg)	None					84			
36	Antenna Wm (270 Deg)	None					84			
37	Antenna Wm (300 Deg)	None					84			
38	Antenna Wm (330 Deg)	None					84			
39	Structure D	None		-1					3	
40	Structure Di	None						61	3	
41	Structure Wo (0 Deg)	None						122		
42	Structure Wo (30 Deg)	None						122		
43	Structure Wo (60 Deg)	None						122		
44	Structure Wo (90 Deg)	None						122		
45	Structure Wo (120 D...	None						122		
46	Structure Wo (150 D...	None						122		
47	Structure Wo (180 D...	None						122		
48	Structure Wo (210 D...	None						122		
49	Structure Wo (240 D...	None						122		
50	Structure Wo (270 D...	None						122		
51	Structure Wo (300 D...	None						122		
52	Structure Wo (330 D...	None						122		
53	Structure Wi (0 Deg)	None						122		
54	Structure Wi (30 Deg)	None						122		
55	Structure Wi (60 Deg)	None						122		
56	Structure Wi (90 Deg)	None						122		

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						122		
58	Structure Wi (150 De...	None						122		
59	Structure Wi (180 De...	None						122		
60	Structure Wi (210 De...	None						122		
61	Structure Wi (240 De...	None						122		
62	Structure Wi (270 De...	None						122		
63	Structure Wi (300 De...	None						122		
64	Structure Wi (330 De...	None						122		
65	Structure Wm (0 Deg)	None						122		
66	Structure Wm (30 De...	None						122		
67	Structure Wm (60 De...	None						122		
68	Structure Wm (90 De...	None						122		
69	Structure Wm (120 D...	None						122		
70	Structure Wm (150 D...	None						122		
71	Structure Wm (180 D...	None						122		
72	Structure Wm (210 D...	None						122		
73	Structure Wm (240 D...	None						122		
74	Structure Wm (270 D...	None						122		
75	Structure Wm (300 D...	None						122		
76	Structure Wm (330 D...	None						122		
77	Lm1	None					1			
78	Lm2	None					1			
79	Lv1	None					1			
80	Lv2	None					1			
81	BLC 39 Transient Are...	None						30		
82	BLC 40 Transient Are...	None						30		

Load Combinations

	Description	Solve	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 [in]	Y [in]	Z [in]	Temp [F]	Detach From Diap...
1	N1	-77.225119	1.	42.305272	0	
2	N2	-1.975119	1.	-88.031551	0	
3	N3	12.557368	1.	7.25	0	
4	N5	43.395826	1.	-10.163775	0	
5	N6	14.255201	3	40.309268	0	
6	N7	42.036451	3	-7.809268	0	
7	N8	-67.475119	1.	25.417777	0	
8	N9	-70.073196	1.	23.917777	0	
9	N10	-12.475119	1.	-69.845018	0	
10	N11	-15.073196	1.	-71.345018	0	
11	N12	-54.475119	1.	2.901116	0	
12	N13	-57.073196	1.	1.401116	0	
13	N14	-36.475119	1.	-28.275798	0	
14	N15	-39.073196	1.	-29.775798	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [in]	Y [in]	Z [in]	Temp [F]	Detach From Diap...
15	N16	-39.073196	-28.5	-29.775798	0	
16	N18	-15.073196	-34.25	-71.345018	0	
17	N20	-57.073196	-28.5	1.401116	0	
18	N21	-57.073196	68.	1.401116	0	
19	N22	-70.073196	-28.5	23.917777	0	
20	N23	-70.073196	68.	23.917777	0	
21	N24	28.145826	1.	16.25	0	
22	N27	66.46745	1.	38.375	0	
23	CP	0	1.	0	0	
24	N29	14.255201	1.	40.309268	0	
25	N30	42.036451	1.	-7.809268	0	
26	N101	12.895826	1.	42.663775	0	
27	N102	29.145826	1.	14.517949	0	
28	N103A	27.145826	1.	17.982051	0	
29	N104A	45.669142	1.	-8.851275	0	
30	N105	15.169142	1.	43.976275	0	
31	N131	17.169142	1.	43.976275	0	
32	N135	62.02995	1.	43.733532	0	
33	N144	46.669142	1.	-7.119224	0	
34	N148	68.889325	1.	31.852746	0	
35	N86A	17.169142	1.	45.726279	0	
36	N86B	48.18469	1.	-7.994226	0	
37	N86C	69.5612	1.	33.016468	0	
38	N87A	63.3737	1.	43.733532	0	
39	N86D	62.02995	1.	45.726279	0	
40	N86E	70.615094	1.	30.856373	0	
41	N88A	65.601424	1.	37.875	0	
42	N87C	64.195999	3	40.309268	0	
43	N86G	64.195999	1.	40.309268	0	
44	N87B	67.00685	3	35.440732	0	
45	N88C	67.00685	1.	35.440732	0	
46	N87D	-0.	1.	-14.5	0	
47	N88B	-30.5	1.	-32.5	0	
48	N89	27.78125	3	-32.5	0	
49	N90	-27.78125	3	-32.5	0	
50	N91	-0.	1.	-32.5	0	
51	N92	-0.	1.	-76.75	0	
52	N93	27.78125	1.	-32.5	0	
53	N94	-27.78125	1.	-32.5	0	
54	N95	30.5	1.	-32.5	0	
55	N96	-2.	1.	-32.5	0	
56	N97	2.	1.	-32.5	0	
57	N98	-30.5	1.	-35.125	0	
58	N99	30.5	1.	-35.125	0	
59	N100	29.5	1.	-36.857051	0	
60	N101A	6.859375	1.	-75.586278	0	
61	N102A	-29.5	1.	-36.857051	0	
62	N103	-6.859375	1.	-75.586278	0	
63	N104	31.015548	1.	-37.732053	0	
64	N105A	-31.015548	1.	-37.732053	0	
65	N106	-6.1875	1.	-76.75	0	
66	N107	6.1875	1.	-76.75	0	
67	N108	8.585144	1.	-76.582652	0	
68	N109	-8.585144	1.	-76.582652	0	
69	N110	-0.	1.	-75.75	0	
70	N111	2.810851	3	-75.75	0	
71	N112	2.810851	1.	-75.75	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [in]	Y [in]	Z [in]	Temp [F]	Detach From Diap...
72	N113	-2.810851	3	-75.75	0	
73	N114	-2.810851	1.	-75.75	0	
74	N115	-12.557368	1.	7.25	0	
75	N116	-12.895826	1.	42.663775	0	
76	N117	-42.036451	3	-7.809268	0	
77	N118	-14.255201	3	40.309268	0	
78	N119	-28.145826	1.	16.25	0	
79	N120	-66.46745	1.	38.375	0	
80	N121	-42.036451	1.	-7.809268	0	
81	N122	-14.255201	1.	40.309268	0	
82	N123	-43.395826	1.	-10.163775	0	
83	N124	-27.145826	1.	17.982051	0	
84	N125	-29.145826	1.	14.517949	0	
85	N126	-15.169142	1.	43.976275	0	
86	N127	-45.669142	1.	-8.851275	0	
87	N128	-46.669142	1.	-7.119224	0	
88	N129	-68.889325	1.	31.852746	0	
89	N130	-17.169142	1.	43.976275	0	
90	N131A	-62.02995	1.	43.733532	0	
91	N132	-48.18469	1.	-7.994226	0	
92	N133	-17.169142	1.	45.726279	0	
93	N134	-63.3737	1.	43.733532	0	
94	N135A	-69.5612	1.	33.016468	0	
95	N136	-70.615094	1.	30.856373	0	
96	N137	-62.02995	1.	45.726279	0	
97	N138	-65.601424	1.	37.875	0	
98	N139	-67.00685	3	35.440732	0	
99	N140	-67.00685	1.	35.440732	0	
100	N141	-64.195999	3	40.309268	0	
101	N142	-64.195999	1.	40.309268	0	
102	N108A	-77.225119	45	42.305272	0	
103	N109A	-1.975119	45	-88.031551	0	
104	N110A	-67.475119	45	25.417777	0	
105	N111A	-70.073196	45	23.917777	0	
106	N112A	-12.475119	45	-69.845018	0	
107	N113A	-15.073196	45	-71.345018	0	
108	N114A	-54.475119	45	2.901116	0	
109	N115A	-57.073196	45	1.401116	0	
110	N116A	-36.475119	45	-28.275798	0	
111	N117A	-39.073196	45	-29.775798	0	
112	N118A	-9.100119	45	-75.690689	0	
113	N119A	-70.100119	45	29.96441	0	
114	N140A	-75.	45	45.726279	0	
115	N190A	12.557368	-30.5	7.25	0	
116	N191A	-0.	-30.5	-14.5	0	
117	N192	-12.557368	-30.5	7.25	0	
118	N193	52.611043	1.	30.375	0	
119	N196	-0.	1.	-60.25	0	
120	N199	-52.178031	1.	30.125	0	
121	N200	-57.073196	22.5	1.401116	0	
122	N201A	-39.073196	22.5	-29.775798	0	
123	N204A	-57.073196	34.5	1.401116	0	
124	N205	-57.073196	10.5	1.401116	0	
125	N207	-61.	45	45.726279	0	
126	N208	61.	45	45.726279	0	
127	N210	70.100119	45	29.96441	0	
128	N214	21.217622	1.	12.25	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [in]	Y [in]	Z [in]	Temp [F]	Detach From Diap...
129	N215	19.617622	1.	15.021281	0	
130	N217	19.617622	-5.	15.021281	0	
131	N207A	19.617622	30	15.021281	0	
132	N140B	-39.073196	68.	-29.775798	0	
133	N141A	-15.073196	62.25	-71.345018	0	
134	N135B	-5.725119	1.	-81.536361	0	
135	N137A	-73.475119	1.	35.810082	0	
136	N139A	75.25	1.	45.726279	0	
137	N140C	-75.25	1.	45.726279	0	
138	N141B	55.75	1.	45.726279	0	
139	N142A	55.75	1.	48.726279	0	
140	N143	-54.25	1.	45.726279	0	
141	N144A	-54.25	1.	48.726279	0	
142	N145	29.75	1.	45.726279	0	
143	N146	29.75	1.	48.726279	0	
144	N147	-6.25	1.	45.726279	0	
145	N148A	-6.25	1.	48.726279	0	
146	N149	-6.25	-28.5	48.726279	0	
147	N150	-54.25	-34.25	48.726279	0	
148	N151	29.75	-28.5	48.726279	0	
149	N152	29.75	68.	48.726279	0	
150	N153	55.75	-28.5	48.726279	0	
151	N154	55.75	68.	48.726279	0	
152	N156	75.25	45	45.726279	0	
153	N157	-75.25	45	45.726279	0	
154	N158	55.75	45	45.726279	0	
155	N159	55.75	45	48.726279	0	
156	N160	-54.25	45	45.726279	0	
157	N161	-54.25	45	48.726279	0	
158	N162	29.75	45	45.726279	0	
159	N163	29.75	45	48.726279	0	
160	N164	-6.25	45	45.726279	0	
161	N165	-6.25	45	48.726279	0	
162	N166	-6.25	22.5	48.726279	0	
163	N167	-6.25	68.	48.726279	0	
164	N168	-54.25	62.25	48.726279	0	
165	N169	-67.75	1.	45.726279	0	
166	N171	67.75	1.	45.726279	0	
167	N173	1.975119	1.	-88.031551	0	
168	N174	77.225119	1.	42.305272	0	
169	N175	11.725119	1.	-71.144056	0	
170	N176	14.323196	1.	-72.644056	0	
171	N177	66.725119	1.	24.118739	0	
172	N178	69.323196	1.	22.618739	0	
173	N179	24.725119	1.	-48.627395	0	
174	N180	27.323196	1.	-50.127395	0	
175	N181	42.725119	1.	-17.450481	0	
176	N182	45.323196	1.	-18.950481	0	
177	N183	45.323196	-28.5	-18.950481	0	
178	N184	69.323196	-34.25	22.618739	0	
179	N185	27.323196	-28.5	-50.127395	0	
180	N186	27.323196	68.	-50.127395	0	
181	N187	14.323196	-28.5	-72.644056	0	
182	N188	14.323196	68.	-72.644056	0	
183	N190	1.975119	45	-88.031551	0	
184	N191	77.225119	45	42.305272	0	
185	N192A	11.725119	45	-71.144056	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [in]	Y [in]	Z [in]	Temp [F]	Detach From Diap...
186	N193A	14.323196	45	-72.644056	0	
187	N194	66.725119	45	24.118739	0	
188	N195	69.323196	45	22.618739	0	
189	N196A	24.725119	45	-48.627395	0	
190	N197	27.323196	45	-50.127395	0	
191	N198	42.725119	45	-17.450481	0	
192	N199A	45.323196	45	-18.950481	0	
193	N200A	45.323196	22.5	-18.950481	0	
194	N201	45.323196	68.	-18.950481	0	
195	N202	69.323196	62.25	22.618739	0	
196	N203	73.475119	1.	35.810082	0	
197	N205A	5.725119	1.	-81.536361	0	
198	N205B	7.225119	45	-78.938284	0	
199	N200B	-7.225119	45	-78.938284	0	
200	N201B	-71.975119	45	33.212005	0	
201	N204	-64.75	45	45.726279	0	
202	N205C	64.75	45	45.726279	0	
203	N208A	71.975119	45	33.212005	0	
204	N204B	-0.	1.	-64.5	0	
205	N205D	-55.858639	1.	32.25	0	
206	N206	-57.073196	41.5	1.401116	0	
207	N207B	-57.073196	3	1.401116	0	
208	N208B	-0.	1.	-60.75	0	
209	N209	-52.611043	1.	30.375	0	

Hot Rolled Steel Section Sets

	Label	Shape	Type	Design List	Material	Design ...	A [in2]	Iyy [in4]	Izz [in4]	J [in4]
1	Face Horizontal	PIPE_3.0	Beam	Pipe	A53 Gr.B	Typical	2.07	2.85	2.85	5.69
2	Handrail	PIPE_2.0	Beam	Pipe	A53 Gr.B	Typical	1.02	.627	.627	1.25
3	Standoff Horizontal	HSS4X4X4	Beam	SquareTube	A500 Gr.B Re...	Typical	3.37	7.8	7.8	12.8
4	Corner Plate	PL1/2x6	Beam	BAR	A36 Gr.36	Typical	3	.063	9	.237
5	Platform Crossmem...	HSS4X4X4	Beam	SquareTube	A500 Gr.B Re...	Typical	3.37	7.8	7.8	12.8
6	Grating Support	L2x2x3	Beam	Single Angle	A36 Gr.36	Typical	.722	.271	.271	.009
7	Handrail Corner	L2.5x2.5x4	Beam	Single Angle	A36 Gr.36	Typical	1.19	.692	.692	.026
8	Kickers	LL2.5x2.5x3x6	Beam	Single Angle	A36 Gr.36	Typical	1.8	3.09	1.07	.023
9	TES Kickers	L2x2x3	Beam	Single Angle	A36 Gr.36	Typical	.722	.271	.271	.009
10	Mount Pipe	PIPE_2.0	Column	Pipe	A53 Gr.B	Typical	1.02	.627	.627	1.25
11	Cross Arm Plate	PL3/8x6	Column	RECT	A36 Gr.36	Typical	2.25	.026	6.75	.101

Hot Rolled Steel Properties

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

Member Primary Data

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
1	M1	N1	N2			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
2	M4	N3	N27			Standoff Horiz...	Beam	SquareTube	A500 Gr.B...	Typical
3	M10	N101	N103A			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
4	M19	N8	N9			RIGID	None	None	RIGID	Typical
5	M20	N10	N11			RIGID	None	None	RIGID	Typical
6	M21	N12	N13			RIGID	None	None	RIGID	Typical
7	M22	N14	N15			RIGID	None	None	RIGID	Typical
8	MP2A	N21	N20			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
9	MP1A	N23	N22			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
10	M43	N102	N5			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
11	M46	N86C	N87A			Corner Plate	Beam	BAR	A36 Gr.36	Typical
12	M35A	N7	N30			RIGID	None	None	RIGID	Typical
13	M36A	N6	N29			RIGID	None	None	RIGID	Typical
14	M51B	N87C	N6			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
15	M52B	N7	N87B			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
16	M52	N87B	N88C			RIGID	None	None	RIGID	Typical
17	M58	N102	N24			RIGID	None	None	RIGID	Typical
18	M59	N24	N103A			RIGID	None	None	RIGID	Typical
19	M76	N101	N105			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
20	M77	N105	N131			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
21	M79	N131	N86A			RIGID	None	None	RIGID	Typical
22	M80	N87A	N135			Corner Plate	Beam	BAR	A36 Gr.36	Typical
23	M83	N135	N86D			RIGID	None	None	RIGID	Typical
24	M84	N5	N104A			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
25	M85	N104A	N144			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
26	M88	N144	N86B			RIGID	None	None	RIGID	Typical
27	M91	N86C	N148			Corner Plate	Beam	BAR	A36 Gr.36	Typical
28	M92	N148	N86E			RIGID	None	None	RIGID	Typical
29	M50	N88C	N88A			RIGID	None	None	RIGID	Typical
30	M51	N88A	N86G			RIGID	None	None	RIGID	Typical
31	M51A	N87C	N86G			RIGID	None	None	RIGID	Typical
32	M52A	N87D	N92			Standoff Horiz...	Beam	SquareTube	A500 Gr.B...	Typical
33	M53	N95	N97			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
34	M54	N96	N88B			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
35	M55	N106	N107			Corner Plate	Beam	BAR	A36 Gr.36	Typical
36	M56	N90	N94			RIGID	None	None	RIGID	Typical
37	M57	N89	N93			RIGID	None	None	RIGID	Typical
38	M58A	N111	N89			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
39	M59A	N90	N113			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
40	M60	N113	N114			RIGID	None	None	RIGID	Typical
41	M61	N96	N91			RIGID	None	None	RIGID	Typical
42	M62	N91	N97			RIGID	None	None	RIGID	Typical
43	M63	N95	N99			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
44	M64	N99	N100			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
45	M65	N100	N104			RIGID	None	None	RIGID	Typical
46	M66	N107	N101A			Corner Plate	Beam	BAR	A36 Gr.36	Typical
47	M67	N101A	N108			RIGID	None	None	RIGID	Typical
48	M68	N88B	N98			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
49	M69	N98	N102A			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
50	M70	N102A	N105A			RIGID	None	None	RIGID	Typical
51	M71	N106	N103			Corner Plate	Beam	BAR	A36 Gr.36	Typical
52	M72	N103	N109			RIGID	None	None	RIGID	Typical
53	M73	N114	N110			RIGID	None	None	RIGID	Typical
54	M74	N110	N112			RIGID	None	None	RIGID	Typical
55	M75	N111	N112			RIGID	None	None	RIGID	Typical
56	M76A	N115	N120			Standoff Horiz...	Beam	SquareTube	A500 Gr.B...	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
57	M77A	N123	N125			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
58	M78	N124	N116			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
59	M79A	N134	N135A			Corner Plate	Beam	BAR	A36 Gr.36	Typical
60	M80A	N118	N122			RIGID	None	None	RIGID	Typical
61	M81	N117	N121			RIGID	None	None	RIGID	Typical
62	M82	N139	N117			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
63	M83A	N118	N141			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
64	M84A	N141	N142			RIGID	None	None	RIGID	Typical
65	M85A	N124	N119			RIGID	None	None	RIGID	Typical
66	M86	N119	N125			RIGID	None	None	RIGID	Typical
67	M87	N123	N127			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
68	M88A	N127	N128			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
69	M89	N128	N132			RIGID	None	None	RIGID	Typical
70	M90	N135A	N129			Corner Plate	Beam	BAR	A36 Gr.36	Typical
71	M91A	N129	N136			RIGID	None	None	RIGID	Typical
72	M92A	N116	N126			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
73	M93	N126	N130			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
74	M94	N130	N133			RIGID	None	None	RIGID	Typical
75	M95	N134	N131A			Corner Plate	Beam	BAR	A36 Gr.36	Typical
76	M96	N131A	N137			RIGID	None	None	RIGID	Typical
77	M97	N142	N138			RIGID	None	None	RIGID	Typical
78	M98	N138	N140			RIGID	None	None	RIGID	Typical
79	M99	N139	N140			RIGID	None	None	RIGID	Typical
80	M84B	N108A	N109A			Handrail	Beam	Pipe	A53 Gr.B	Typical
81	M85B	N110A	N111A			RIGID	None	None	RIGID	Typical
82	M86A	N112A	N113A			RIGID	None	None	RIGID	Typical
83	M87A	N114A	N115A			RIGID	None	None	RIGID	Typical
84	M88B	N116A	N117A			RIGID	None	None	RIGID	Typical
85	M129	N209	N192			Kickers	Beam	Single Angle	A36 Gr.36	Typical
86	M130	N193	N190A			Kickers	Beam	Single Angle	A36 Gr.36	Typical
87	M131	N208B	N191A			Kickers	Beam	Single Angle	A36 Gr.36	Typical
88	M132	N200B	N205B		180	Handrail Corner	Beam	Single Angle	A36 Gr.36	Typical
89	M133	N208A	N205C		180	Handrail Corner	Beam	Single Angle	A36 Gr.36	Typical
90	M134A	N201B	N204		90	Handrail Corner	Beam	Single Angle	A36 Gr.36	Typical
91	M137	N214	N215			RIGID	None	None	RIGID	Typical
92	M134	N207A	N217			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
93	MP4A	N141A	N18			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
94	MP3A	N140B	N16			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
95	M95A	N139A	N140C			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
96	M96A	N141B	N142A			RIGID	None	None	RIGID	Typical
97	M97B	N143	N144A			RIGID	None	None	RIGID	Typical
98	M98A	N145	N146			RIGID	None	None	RIGID	Typical
99	M99A	N147	N148A			RIGID	None	None	RIGID	Typical
100	MP2C	N152	N151			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
101	MP1C	N154	N153			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
102	M102	N156	N157			Handrail	Beam	Pipe	A53 Gr.B	Typical
103	M103	N158	N159			RIGID	None	None	RIGID	Typical
104	M104	N160	N161			RIGID	None	None	RIGID	Typical
105	M105	N162	N163			RIGID	None	None	RIGID	Typical
106	M106	N164	N165			RIGID	None	None	RIGID	Typical
107	MP4C	N168	N150			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
108	MP3C	N167	N149			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
109	M109	N173	N174			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
110	M110	N175	N176			RIGID	None	None	RIGID	Typical
111	M111	N177	N178			RIGID	None	None	RIGID	Typical
112	M112	N179	N180			RIGID	None	None	RIGID	Typical
113	M113	N181	N182			RIGID	None	None	RIGID	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
114	MP2B	N186	N185			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
115	MP1B	N188	N187			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
116	M116	N190	N191			Handrail	Beam	Pipe	A53 Gr.B	Typical
117	M117	N192A	N193A			RIGID	None	None	RIGID	Typical
118	M118	N194	N195			RIGID	None	None	RIGID	Typical
119	M119	N196A	N197			RIGID	None	None	RIGID	Typical
120	M120	N198	N199A			RIGID	None	None	RIGID	Typical
121	MP4B	N202	N184			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
122	MP3B	N201	N183			Mount Pipe	Column	Pipe	A53 Gr.B	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	Default			None
2	M4						Yes				None
3	M10						Yes	Default			None
4	M19						Yes	** NA **			None
5	M20						Yes	** NA **			None
6	M21						Yes	** NA **			None
7	M22						Yes	** NA **			None
8	MP2A						Yes	** NA **			None
9	MP1A						Yes	** NA **			None
10	M43						Yes	Default			None
11	M46						Yes	Default			None
12	M35A						Yes	** NA **			None
13	M36A						Yes	** NA **			None
14	M51B	OOOOOX	OOOOOX				Yes	Default			None
15	M52B	OOOOOX	OOOOOX				Yes	Default			None
16	M52						Yes	** NA **			None
17	M58						Yes	** NA **			None
18	M59						Yes	** NA **			None
19	M76						Yes	** NA **			None
20	M77						Yes	** NA **			None
21	M79		BenPIN				Yes	** NA **			None
22	M80						Yes				None
23	M83		BenPIN				Yes	** NA **			None
24	M84						Yes	** NA **			None
25	M85						Yes	** NA **			None
26	M88		BenPIN				Yes	** NA **			None
27	M91						Yes				None
28	M92		BenPIN				Yes	** NA **			None
29	M50						Yes	** NA **			None
30	M51						Yes	** NA **			None
31	M51A						Yes	** NA **			None
32	M52A						Yes				None
33	M53						Yes	Default			None
34	M54						Yes	Default			None
35	M55						Yes	Default			None
36	M56						Yes	** NA **			None
37	M57						Yes	** NA **			None
38	M58A	OOOOOX	OOOOOX				Yes	Default			None
39	M59A	OOOOOX	OOOOOX				Yes	Default			None
40	M60						Yes	** NA **			None
41	M61						Yes	** NA **			None
42	M62						Yes	** NA **			None
43	M63						Yes	** NA **			None

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
44	M64						Yes	** NA **			None
45	M65		BenPIN				Yes	** NA **			None
46	M66						Yes				None
47	M67		BenPIN				Yes	** NA **			None
48	M68						Yes	** NA **			None
49	M69						Yes	** NA **			None
50	M70		BenPIN				Yes	** NA **			None
51	M71						Yes				None
52	M72		BenPIN				Yes	** NA **			None
53	M73						Yes	** NA **			None
54	M74						Yes	** NA **			None
55	M75						Yes	** NA **			None
56	M76A						Yes				None
57	M77A						Yes	Default			None
58	M78						Yes	Default			None
59	M79A						Yes	Default			None
60	M80A						Yes	** NA **			None
61	M81						Yes	** NA **			None
62	M82	OOOOOX	OOOOOX				Yes	Default			None
63	M83A	OOOOOX	OOOOOX				Yes	Default			None
64	M84A						Yes	** NA **			None
65	M85A						Yes	** NA **			None
66	M86						Yes	** NA **			None
67	M87						Yes	** NA **			None
68	M88A						Yes	** NA **			None
69	M89		BenPIN				Yes	** NA **			None
70	M90						Yes				None
71	M91A		BenPIN				Yes	** NA **			None
72	M92A						Yes	** NA **			None
73	M93						Yes	** NA **			None
74	M94		BenPIN				Yes	** NA **			None
75	M95						Yes				None
76	M96		BenPIN				Yes	** NA **			None
77	M97						Yes	** NA **			None
78	M98						Yes	** NA **			None
79	M99						Yes	** NA **			None
80	M84B						Yes	Default			None
81	M85B						Yes	** NA **			None
82	M86A						Yes	** NA **			None
83	M87A						Yes	** NA **			None
84	M88B						Yes	** NA **			None
85	M129	BenPIN	BenPIN				Yes				None
86	M130	BenPIN	BenPIN				Yes				None
87	M131	BenPIN	BenPIN				Yes				None
88	M132	OOOOOX	OOOOOX				Yes				None
89	M133	OOOOOX	OOOOOX				Yes				None
90	M134A	OOOOXO	OOOOXO				Yes				None
91	M137						Yes	** NA **			None
92	M134						Yes	** NA **			None
93	MP4A						Yes	** NA **			None
94	MP3A						Yes	** NA **			None
95	M95A						Yes	Default			None
96	M96A						Yes	** NA **			None
97	M97B						Yes	** NA **			None
98	M98A						Yes	** NA **			None
99	M99A						Yes	** NA **			None
100	MP2C						Yes	** NA **			None

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
101	MP1C						Yes	** NA **			None
102	M102						Yes	Default			None
103	M103						Yes	** NA **			None
104	M104						Yes	** NA **			None
105	M105						Yes	** NA **			None
106	M106						Yes	** NA **			None
107	MP4C						Yes	** NA **			None
108	MP3C						Yes	** NA **			None
109	M109						Yes	Default			None
110	M110						Yes	** NA **			None
111	M111						Yes	** NA **			None
112	M112						Yes	** NA **			None
113	M113						Yes	** NA **			None
114	MP2B						Yes	** NA **			None
115	MP1B						Yes	** NA **			None
116	M116						Yes	Default			None
117	M117						Yes	** NA **			None
118	M118						Yes	** NA **			None
119	M119						Yes	** NA **			None
120	M120						Yes	** NA **			None
121	MP4B						Yes	** NA **			None
122	MP3B						Yes	** NA **			None

Member Point Loads (BLC 1 : Antenna D)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP3A	Y	-31.65	26.4
2	MP3A	My	-.018	26.4
3	MP3A	Mz	.032	26.4
4	MP3A	Y	-31.65	65.04
5	MP3A	My	-.018	65.04
6	MP3A	Mz	.032	65.04
7	MP3B	Y	-31.65	26.4
8	MP3B	My	-.024	26.4
9	MP3B	Mz	-.028	26.4
10	MP3B	Y	-31.65	65.04
11	MP3B	My	-.024	65.04
12	MP3B	Mz	-.028	65.04
13	MP3C	Y	-31.65	26.4
14	MP3C	My	-.024	26.4
15	MP3C	Mz	-.028	26.4
16	MP3C	Y	-31.65	65.04
17	MP3C	My	-.024	65.04
18	MP3C	Mz	-.028	65.04
19	MP3A	Y	-31.65	26.4
20	MP3A	My	-.028	26.4
21	MP3A	Mz	-.024	26.4
22	MP3A	Y	-31.65	65.04
23	MP3A	My	-.028	65.04
24	MP3A	Mz	-.024	65.04
25	MP3B	Y	-31.65	26.4
26	MP3B	My	.032	26.4
27	MP3B	Mz	-.018	26.4
28	MP3B	Y	-31.65	65.04
29	MP3B	My	.032	65.04
30	MP3B	Mz	-.018	65.04

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
31	MP3C	Y	-31.65	26.4
32	MP3C	My	.032	26.4
33	MP3C	Mz	-.018	26.4
34	MP3C	Y	-31.65	65.04
35	MP3C	My	.032	65.04
36	MP3C	Mz	-.018	65.04
37	MP3A	Y	-10.4	12
38	MP3A	My	.004	12
39	MP3A	Mz	-.000722	12
40	MP3B	Y	-10.4	12
41	MP3B	My	-.000722	12
42	MP3B	Mz	.004	12
43	MP3C	Y	-10.4	12
44	MP3C	My	-.003	12
45	MP3C	Mz	-.003	12
46	MP3A	Y	-84.4	33.48
47	MP3A	My	.069	33.48
48	MP3A	Mz	-.012	33.48
49	MP3B	Y	-84.4	33.48
50	MP3B	My	-.012	33.48
51	MP3B	Mz	.069	33.48
52	MP3C	Y	-84.4	33.48
53	MP3C	My	-.054	33.48
54	MP3C	Mz	-.045	33.48
55	MP3A	Y	-70.3	49.92
56	MP3A	My	.052	49.92
57	MP3A	Mz	-.009	49.92
58	MP3B	Y	-70.3	49.92
59	MP3B	My	-.009	49.92
60	MP3B	Mz	.052	49.92
61	MP3C	Y	-70.3	49.92
62	MP3C	My	-.04	49.92
63	MP3C	Mz	-.034	49.92
64	MP2A	Y	-43.55	33.48
65	MP2A	My	-.021	33.48
66	MP2A	Mz	.004	33.48
67	MP2A	Y	-43.55	57.48
68	MP2A	My	-.021	57.48
69	MP2A	Mz	.004	57.48
70	MP2B	Y	-43.55	33.48
71	MP2B	My	.004	33.48
72	MP2B	Mz	-.021	33.48
73	MP2B	Y	-43.55	57.48
74	MP2B	My	.004	57.48
75	MP2B	Mz	-.021	57.48
76	MP2C	Y	-43.55	33.48
77	MP2C	My	.017	33.48
78	MP2C	Mz	.014	33.48
79	MP2C	Y	-43.55	57.48
80	MP2C	My	.017	57.48
81	MP2C	Mz	.014	57.48
82	M134	Y	-32	12
83	M134	My	-.034	12
84	M134	Mz	.006	12

Member Point Loads (BLC 2 : Antenna Di)

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

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP3A	Y	-70.045	26.4
2	MP3A	My	-.04	26.4
3	MP3A	Mz	.072	26.4
4	MP3A	Y	-70.045	65.04
5	MP3A	My	-.04	65.04
6	MP3A	Mz	.072	65.04
7	MP3B	Y	-70.045	26.4
8	MP3B	My	-.054	26.4
9	MP3B	Mz	-.062	26.4
10	MP3B	Y	-70.045	65.04
11	MP3B	My	-.054	65.04
12	MP3B	Mz	-.062	65.04
13	MP3C	Y	-70.045	26.4
14	MP3C	My	-.054	26.4
15	MP3C	Mz	-.062	26.4
16	MP3C	Y	-70.045	65.04
17	MP3C	My	-.054	65.04
18	MP3C	Mz	-.062	65.04
19	MP3A	Y	-70.045	26.4
20	MP3A	My	-.062	26.4
21	MP3A	Mz	-.054	26.4
22	MP3A	Y	-70.045	65.04
23	MP3A	My	-.062	65.04
24	MP3A	Mz	-.054	65.04
25	MP3B	Y	-70.045	26.4
26	MP3B	My	.072	26.4
27	MP3B	Mz	-.04	26.4
28	MP3B	Y	-70.045	65.04
29	MP3B	My	.072	65.04
30	MP3B	Mz	-.04	65.04
31	MP3C	Y	-70.045	26.4
32	MP3C	My	.072	26.4
33	MP3C	Mz	-.04	26.4
34	MP3C	Y	-70.045	65.04
35	MP3C	My	.072	65.04
36	MP3C	Mz	-.04	65.04
37	MP3A	Y	-10.758	12
38	MP3A	My	.004	12
39	MP3A	Mz	-.000747	12
40	MP3B	Y	-10.758	12
41	MP3B	My	-.000747	12
42	MP3B	Mz	.004	12
43	MP3C	Y	-10.758	12
44	MP3C	My	-.003	12
45	MP3C	Mz	-.003	12
46	MP3A	Y	-44.965	33.48
47	MP3A	My	.037	33.48
48	MP3A	Mz	-.007	33.48
49	MP3B	Y	-44.965	33.48
50	MP3B	My	-.007	33.48
51	MP3B	Mz	.037	33.48
52	MP3C	Y	-44.965	33.48
53	MP3C	My	-.029	33.48
54	MP3C	Mz	-.024	33.48
55	MP3A	Y	-40.438	49.92
56	MP3A	My	.03	49.92
57	MP3A	Mz	-.005	49.92

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
58	MP3B	Y	-40.438	49.92
59	MP3B	My	-.005	49.92
60	MP3B	Mz	.03	49.92
61	MP3C	Y	-40.438	49.92
62	MP3C	My	-.023	49.92
63	MP3C	Mz	-.019	49.92
64	MP2A	Y	-33.034	33.48
65	MP2A	My	-.016	33.48
66	MP2A	Mz	.003	33.48
67	MP2A	Y	-33.034	57.48
68	MP2A	My	-.016	57.48
69	MP2A	Mz	.003	57.48
70	MP2B	Y	-33.034	33.48
71	MP2B	My	.003	33.48
72	MP2B	Mz	-.016	33.48
73	MP2B	Y	-33.034	57.48
74	MP2B	My	.003	57.48
75	MP2B	Mz	-.016	57.48
76	MP2C	Y	-33.034	33.48
77	MP2C	My	.013	33.48
78	MP2C	Mz	.011	33.48
79	MP2C	Y	-33.034	57.48
80	MP2C	My	.013	57.48
81	MP2C	Mz	.011	57.48
82	M134	Y	-88.036	12
83	M134	My	-.094	12
84	M134	Mz	.017	12

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP3A	X	0	26.4
2	MP3A	Z	-148.014	26.4
3	MP3A	Mx	-.151	26.4
4	MP3A	X	0	65.04
5	MP3A	Z	-148.014	65.04
6	MP3A	Mx	-.151	65.04
7	MP3B	X	0	26.4
8	MP3B	Z	-99.778	26.4
9	MP3B	Mx	.089	26.4
10	MP3B	X	0	65.04
11	MP3B	Z	-99.778	65.04
12	MP3B	Mx	.089	65.04
13	MP3C	X	0	26.4
14	MP3C	Z	-99.778	26.4
15	MP3C	Mx	.089	26.4
16	MP3C	X	0	65.04
17	MP3C	Z	-99.778	65.04
18	MP3C	Mx	.089	65.04
19	MP3A	X	0	26.4
20	MP3A	Z	-148.014	26.4
21	MP3A	Mx	.113	26.4
22	MP3A	X	0	65.04
23	MP3A	Z	-148.014	65.04
24	MP3A	Mx	.113	65.04
25	MP3B	X	0	26.4
26	MP3B	Z	-99.778	26.4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
27	MP3B	Mx	.057	26.4
28	MP3B	X	0	65.04
29	MP3B	Z	-99.778	65.04
30	MP3B	Mx	.057	65.04
31	MP3C	X	0	26.4
32	MP3C	Z	-99.778	26.4
33	MP3C	Mx	.057	26.4
34	MP3C	X	0	65.04
35	MP3C	Z	-99.778	65.04
36	MP3C	Mx	.057	65.04
37	MP3A	X	0	12
38	MP3A	Z	-12.036	12
39	MP3A	Mx	.000836	12
40	MP3B	X	0	12
41	MP3B	Z	-8.519	12
42	MP3B	Mx	-.003	12
43	MP3C	X	0	12
44	MP3C	Z	-10.602	12
45	MP3C	Mx	.003	12
46	MP3A	X	0	33.48
47	MP3A	Z	-60.787	33.48
48	MP3A	Mx	.009	33.48
49	MP3B	X	0	33.48
50	MP3B	Z	-41.657	33.48
51	MP3B	Mx	-.034	33.48
52	MP3C	X	0	33.48
53	MP3C	Z	-52.99	33.48
54	MP3C	Mx	.028	33.48
55	MP3A	X	0	49.92
56	MP3A	Z	-60.552	49.92
57	MP3A	Mx	.008	49.92
58	MP3B	X	0	49.92
59	MP3B	Z	-34.094	49.92
60	MP3B	Mx	-.025	49.92
61	MP3C	X	0	49.92
62	MP3C	Z	-49.768	49.92
63	MP3C	Mx	.024	49.92
64	MP2A	X	0	33.48
65	MP2A	Z	-69.284	33.48
66	MP2A	Mx	-.006	33.48
67	MP2A	X	0	57.48
68	MP2A	Z	-69.284	57.48
69	MP2A	Mx	-.006	57.48
70	MP2B	X	0	33.48
71	MP2B	Z	-28.449	33.48
72	MP2B	Mx	.014	33.48
73	MP2B	X	0	57.48
74	MP2B	Z	-28.449	57.48
75	MP2B	Mx	.014	57.48
76	MP2C	X	0	33.48
77	MP2C	Z	-52.64	33.48
78	MP2C	Mx	-.017	33.48
79	MP2C	X	0	57.48
80	MP2C	Z	-52.64	57.48
81	MP2C	Mx	-.017	57.48
82	M134	X	0	12
83	M134	Z	-132.356	12

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
84	M134	Mx	-.025	12

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP3A	X	64.176	26.4
2	MP3A	Z	-111.157	26.4
3	MP3A	Mx	-.151	26.4
4	MP3A	X	64.176	65.04
5	MP3A	Z	-111.157	65.04
6	MP3A	Mx	-.151	65.04
7	MP3B	X	52.118	26.4
8	MP3B	Z	-90.27	26.4
9	MP3B	Mx	.04	26.4
10	MP3B	X	52.118	65.04
11	MP3B	Z	-90.27	65.04
12	MP3B	Mx	.04	65.04
13	MP3C	X	52.118	26.4
14	MP3C	Z	-90.27	26.4
15	MP3C	Mx	.04	26.4
16	MP3C	X	52.118	65.04
17	MP3C	Z	-90.27	65.04
18	MP3C	Mx	.04	65.04
19	MP3A	X	64.176	26.4
20	MP3A	Z	-111.157	26.4
21	MP3A	Mx	.028	26.4
22	MP3A	X	64.176	65.04
23	MP3A	Z	-111.157	65.04
24	MP3A	Mx	.028	65.04
25	MP3B	X	52.118	26.4
26	MP3B	Z	-90.27	26.4
27	MP3B	Mx	.105	26.4
28	MP3B	X	52.118	65.04
29	MP3B	Z	-90.27	65.04
30	MP3B	Mx	.105	65.04
31	MP3C	X	52.118	26.4
32	MP3C	Z	-90.27	26.4
33	MP3C	Mx	.105	26.4
34	MP3C	X	52.118	65.04
35	MP3C	Z	-90.27	65.04
36	MP3C	Mx	.105	65.04
37	MP3A	X	5.301	12
38	MP3A	Z	-9.182	12
39	MP3A	Mx	.003	12
40	MP3B	X	4.422	12
41	MP3B	Z	-7.659	12
42	MP3B	Mx	-.003	12
43	MP3C	X	6.018	12
44	MP3C	Z	-10.423	12
45	MP3C	Mx	.000836	12
46	MP3A	X	26.495	33.48
47	MP3A	Z	-45.89	33.48
48	MP3A	Mx	.028	33.48
49	MP3B	X	21.712	33.48
50	MP3B	Z	-37.607	33.48
51	MP3B	Mx	-.034	33.48
52	MP3C	X	30.393	33.48

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
53	MP3C	Z	-52.643	33.48
54	MP3C	Mx	.009	33.48
55	MP3A	X	24.884	49.92
56	MP3A	Z	-43.1	49.92
57	MP3A	Mx	.024	49.92
58	MP3B	X	18.269	49.92
59	MP3B	Z	-31.643	49.92
60	MP3B	Mx	-.026	49.92
61	MP3C	X	30.276	49.92
62	MP3C	Z	-52.439	49.92
63	MP3C	Mx	.008	49.92
64	MP2A	X	26.32	33.48
65	MP2A	Z	-45.587	33.48
66	MP2A	Mx	-.017	33.48
67	MP2A	X	26.32	57.48
68	MP2A	Z	-45.587	57.48
69	MP2A	Mx	-.017	57.48
70	MP2B	X	16.111	33.48
71	MP2B	Z	-27.905	33.48
72	MP2B	Mx	.015	33.48
73	MP2B	X	16.111	57.48
74	MP2B	Z	-27.905	57.48
75	MP2B	Mx	.015	57.48
76	MP2C	X	34.642	33.48
77	MP2C	Z	-60.002	33.48
78	MP2C	Mx	-.006	33.48
79	MP2C	X	34.642	57.48
80	MP2C	Z	-60.002	57.48
81	MP2C	Mx	-.006	57.48
82	M134	X	60.126	12
83	M134	Z	-104.14	12
84	M134	Mx	-.084	12

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP3A	X	90.27	26.4
2	MP3A	Z	-52.118	26.4
3	MP3A	Mx	-.105	26.4
4	MP3A	X	90.27	65.04
5	MP3A	Z	-52.118	65.04
6	MP3A	Mx	-.105	65.04
7	MP3B	X	111.157	26.4
8	MP3B	Z	-64.176	26.4
9	MP3B	Mx	-.028	26.4
10	MP3B	X	111.157	65.04
11	MP3B	Z	-64.176	65.04
12	MP3B	Mx	-.028	65.04
13	MP3C	X	111.157	26.4
14	MP3C	Z	-64.176	26.4
15	MP3C	Mx	-.028	26.4
16	MP3C	X	111.157	65.04
17	MP3C	Z	-64.176	65.04
18	MP3C	Mx	-.028	65.04
19	MP3A	X	90.27	26.4
20	MP3A	Z	-52.118	26.4
21	MP3A	Mx	-.04	26.4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
22	MP3A	X	90.27	65.04
23	MP3A	Z	-52.118	65.04
24	MP3A	Mx	-.04	65.04
25	MP3B	X	111.157	26.4
26	MP3B	Z	-64.176	26.4
27	MP3B	Mx	.151	26.4
28	MP3B	X	111.157	65.04
29	MP3B	Z	-64.176	65.04
30	MP3B	Mx	.151	65.04
31	MP3C	X	111.157	26.4
32	MP3C	Z	-64.176	26.4
33	MP3C	Mx	.151	26.4
34	MP3C	X	111.157	65.04
35	MP3C	Z	-64.176	65.04
36	MP3C	Mx	.151	65.04
37	MP3A	X	7.659	12
38	MP3A	Z	-4.422	12
39	MP3A	Mx	.003	12
40	MP3B	X	9.182	12
41	MP3B	Z	-5.301	12
42	MP3B	Mx	-.003	12
43	MP3C	X	10.142	12
44	MP3C	Z	-5.855	12
45	MP3C	Mx	-.002	12
46	MP3A	X	37.607	33.48
47	MP3A	Z	-21.712	33.48
48	MP3A	Mx	.034	33.48
49	MP3B	X	45.89	33.48
50	MP3B	Z	-26.495	33.48
51	MP3B	Mx	-.028	33.48
52	MP3C	X	51.112	33.48
53	MP3C	Z	-29.51	33.48
54	MP3C	Mx	-.017	33.48
55	MP3A	X	31.643	49.92
56	MP3A	Z	-18.269	49.92
57	MP3A	Mx	.026	49.92
58	MP3B	X	43.1	49.92
59	MP3B	Z	-24.884	49.92
60	MP3B	Mx	-.024	49.92
61	MP3C	X	50.322	49.92
62	MP3C	Z	-29.054	49.92
63	MP3C	Mx	-.015	49.92
64	MP2A	X	27.905	33.48
65	MP2A	Z	-16.111	33.48
66	MP2A	Mx	-.015	33.48
67	MP2A	X	27.905	57.48
68	MP2A	Z	-16.111	57.48
69	MP2A	Mx	-.015	57.48
70	MP2B	X	45.587	33.48
71	MP2B	Z	-26.32	33.48
72	MP2B	Mx	.017	33.48
73	MP2B	X	45.587	57.48
74	MP2B	Z	-26.32	57.48
75	MP2B	Mx	.017	57.48
76	MP2C	X	56.734	33.48
77	MP2C	Z	-32.756	33.48
78	MP2C	Mx	.011	33.48

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
79	MP2C	X	56.734	57.48
80	MP2C	Z	-32.756	57.48
81	MP2C	Mx	.011	57.48
82	M134	X	91.281	12
83	M134	Z	-52.701	12
84	M134	Mx	-.107	12

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP3A	X	99.778	26.4
2	MP3A	Z	0	26.4
3	MP3A	Mx	-.057	26.4
4	MP3A	X	99.778	65.04
5	MP3A	Z	0	65.04
6	MP3A	Mx	-.057	65.04
7	MP3B	X	148.014	26.4
8	MP3B	Z	0	26.4
9	MP3B	Mx	-.113	26.4
10	MP3B	X	148.014	65.04
11	MP3B	Z	0	65.04
12	MP3B	Mx	-.113	65.04
13	MP3C	X	148.014	26.4
14	MP3C	Z	0	26.4
15	MP3C	Mx	-.113	26.4
16	MP3C	X	148.014	65.04
17	MP3C	Z	0	65.04
18	MP3C	Mx	-.113	65.04
19	MP3A	X	99.778	26.4
20	MP3A	Z	0	26.4
21	MP3A	Mx	-.089	26.4
22	MP3A	X	99.778	65.04
23	MP3A	Z	0	65.04
24	MP3A	Mx	-.089	65.04
25	MP3B	X	148.014	26.4
26	MP3B	Z	0	26.4
27	MP3B	Mx	.151	26.4
28	MP3B	X	148.014	65.04
29	MP3B	Z	0	65.04
30	MP3B	Mx	.151	65.04
31	MP3C	X	148.014	26.4
32	MP3C	Z	0	26.4
33	MP3C	Mx	.151	26.4
34	MP3C	X	148.014	65.04
35	MP3C	Z	0	65.04
36	MP3C	Mx	.151	65.04
37	MP3A	X	8.519	12
38	MP3A	Z	0	12
39	MP3A	Mx	.003	12
40	MP3B	X	12.036	12
41	MP3B	Z	0	12
42	MP3B	Mx	-.000836	12
43	MP3C	X	9.952	12
44	MP3C	Z	0	12
45	MP3C	Mx	-.003	12
46	MP3A	X	41.657	33.48
47	MP3A	Z	0	33.48

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
48	MP3A	Mx	.034	33.48
49	MP3B	X	60.787	33.48
50	MP3B	Z	0	33.48
51	MP3B	Mx	-.009	33.48
52	MP3C	X	49.455	33.48
53	MP3C	Z	0	33.48
54	MP3C	Mx	-.032	33.48
55	MP3A	X	34.094	49.92
56	MP3A	Z	0	49.92
57	MP3A	Mx	.025	49.92
58	MP3B	X	60.552	49.92
59	MP3B	Z	0	49.92
60	MP3B	Mx	-.008	49.92
61	MP3C	X	44.878	49.92
62	MP3C	Z	0	49.92
63	MP3C	Mx	-.026	49.92
64	MP2A	X	28.449	33.48
65	MP2A	Z	0	33.48
66	MP2A	Mx	-.014	33.48
67	MP2A	X	28.449	57.48
68	MP2A	Z	0	57.48
69	MP2A	Mx	-.014	57.48
70	MP2B	X	69.284	33.48
71	MP2B	Z	0	33.48
72	MP2B	Mx	.006	33.48
73	MP2B	X	69.284	57.48
74	MP2B	Z	0	57.48
75	MP2B	Mx	.006	57.48
76	MP2C	X	45.094	33.48
77	MP2C	Z	0	33.48
78	MP2C	Mx	.017	33.48
79	MP2C	X	45.094	57.48
80	MP2C	Z	0	57.48
81	MP2C	Mx	.017	57.48
82	M134	X	102.658	12
83	M134	Z	0	12
84	M134	Mx	-.11	12

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP3A	X	103.438	26.4
2	MP3A	Z	59.72	26.4
3	MP3A	Mx	.002	26.4
4	MP3A	X	103.438	65.04
5	MP3A	Z	59.72	65.04
6	MP3A	Mx	.002	65.04
7	MP3B	X	124.324	26.4
8	MP3B	Z	71.779	26.4
9	MP3B	Mx	-.159	26.4
10	MP3B	X	124.324	65.04
11	MP3B	Z	71.779	65.04
12	MP3B	Mx	-.159	65.04
13	MP3C	X	124.324	26.4
14	MP3C	Z	71.779	26.4
15	MP3C	Mx	-.159	26.4
16	MP3C	X	124.324	65.04

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
17	MP3C	Z	71.779	65.04
18	MP3C	Mx	-.159	65.04
19	MP3A	X	103.438	26.4
20	MP3A	Z	59.72	26.4
21	MP3A	Mx	-.138	26.4
22	MP3A	X	103.438	65.04
23	MP3A	Z	59.72	65.04
24	MP3A	Mx	-.138	65.04
25	MP3B	X	124.324	26.4
26	MP3B	Z	71.779	26.4
27	MP3B	Mx	.086	26.4
28	MP3B	X	124.324	65.04
29	MP3B	Z	71.779	65.04
30	MP3B	Mx	.086	65.04
31	MP3C	X	124.324	26.4
32	MP3C	Z	71.779	26.4
33	MP3C	Mx	.086	26.4
34	MP3C	X	124.324	65.04
35	MP3C	Z	71.779	65.04
36	MP3C	Mx	.086	65.04
37	MP3A	X	8.619	12
38	MP3A	Z	4.976	12
39	MP3A	Mx	.003	12
40	MP3B	X	10.142	12
41	MP3B	Z	5.855	12
42	MP3B	Mx	.002	12
43	MP3C	X	7.377	12
44	MP3C	Z	4.259	12
45	MP3C	Mx	-.003	12
46	MP3A	X	42.829	33.48
47	MP3A	Z	24.727	33.48
48	MP3A	Mx	.032	33.48
49	MP3B	X	51.112	33.48
50	MP3B	Z	29.51	33.48
51	MP3B	Mx	.017	33.48
52	MP3C	X	36.076	33.48
53	MP3C	Z	20.829	33.48
54	MP3C	Mx	-.034	33.48
55	MP3A	X	38.866	49.92
56	MP3A	Z	22.439	49.92
57	MP3A	Mx	.026	49.92
58	MP3B	X	50.322	49.92
59	MP3B	Z	29.054	49.92
60	MP3B	Mx	.015	49.92
61	MP3C	X	29.526	49.92
62	MP3C	Z	17.047	49.92
63	MP3C	Mx	-.025	49.92
64	MP2A	X	39.052	33.48
65	MP2A	Z	22.547	33.48
66	MP2A	Mx	-.017	33.48
67	MP2A	X	39.052	57.48
68	MP2A	Z	22.547	57.48
69	MP2A	Mx	-.017	57.48
70	MP2B	X	56.734	33.48
71	MP2B	Z	32.756	33.48
72	MP2B	Mx	-.011	33.48
73	MP2B	X	56.734	57.48

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
74	MP2B	Z	32.756	57.48
75	MP2B	Mx	-.011	57.48
76	MP2C	X	24.638	33.48
77	MP2C	Z	14.225	33.48
78	MP2C	Mx	.014	33.48
79	MP2C	X	24.638	57.48
80	MP2C	Z	14.225	57.48
81	MP2C	Mx	.014	57.48
82	M134	X	99.388	12
83	M134	Z	57.382	12
84	M134	Mx	-.095	12

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP3A	X	71.779	26.4
2	MP3A	Z	124.324	26.4
3	MP3A	Mx	.086	26.4
4	MP3A	X	71.779	65.04
5	MP3A	Z	124.324	65.04
6	MP3A	Mx	.086	65.04
7	MP3B	X	59.72	26.4
8	MP3B	Z	103.438	26.4
9	MP3B	Mx	-.138	26.4
10	MP3B	X	59.72	65.04
11	MP3B	Z	103.438	65.04
12	MP3B	Mx	-.138	65.04
13	MP3C	X	59.72	26.4
14	MP3C	Z	103.438	26.4
15	MP3C	Mx	-.138	26.4
16	MP3C	X	59.72	65.04
17	MP3C	Z	103.438	65.04
18	MP3C	Mx	-.138	65.04
19	MP3A	X	71.779	26.4
20	MP3A	Z	124.324	26.4
21	MP3A	Mx	-.159	26.4
22	MP3A	X	71.779	65.04
23	MP3A	Z	124.324	65.04
24	MP3A	Mx	-.159	65.04
25	MP3B	X	59.72	26.4
26	MP3B	Z	103.438	26.4
27	MP3B	Mx	.002	26.4
28	MP3B	X	59.72	65.04
29	MP3B	Z	103.438	65.04
30	MP3B	Mx	.002	65.04
31	MP3C	X	59.72	26.4
32	MP3C	Z	103.438	26.4
33	MP3C	Mx	.002	26.4
34	MP3C	X	59.72	65.04
35	MP3C	Z	103.438	65.04
36	MP3C	Mx	.002	65.04
37	MP3A	X	5.855	12
38	MP3A	Z	10.142	12
39	MP3A	Mx	.002	12
40	MP3B	X	4.976	12
41	MP3B	Z	8.619	12
42	MP3B	Mx	.003	12

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
43	MP3C	X	4.422	12
44	MP3C	Z	7.659	12
45	MP3C	Mx	-.003	12
46	MP3A	X	29.51	33.48
47	MP3A	Z	51.112	33.48
48	MP3A	Mx	.017	33.48
49	MP3B	X	24.727	33.48
50	MP3B	Z	42.829	33.48
51	MP3B	Mx	.032	33.48
52	MP3C	X	21.712	33.48
53	MP3C	Z	37.607	33.48
54	MP3C	Mx	-.034	33.48
55	MP3A	X	29.054	49.92
56	MP3A	Z	50.322	49.92
57	MP3A	Mx	.015	49.92
58	MP3B	X	22.439	49.92
59	MP3B	Z	38.866	49.92
60	MP3B	Mx	.026	49.92
61	MP3C	X	18.269	49.92
62	MP3C	Z	31.643	49.92
63	MP3C	Mx	-.026	49.92
64	MP2A	X	32.756	33.48
65	MP2A	Z	56.734	33.48
66	MP2A	Mx	-.011	33.48
67	MP2A	X	32.756	57.48
68	MP2A	Z	56.734	57.48
69	MP2A	Mx	-.011	57.48
70	MP2B	X	22.547	33.48
71	MP2B	Z	39.052	33.48
72	MP2B	Mx	-.017	33.48
73	MP2B	X	22.547	57.48
74	MP2B	Z	39.052	57.48
75	MP2B	Mx	-.017	57.48
76	MP2C	X	16.111	33.48
77	MP2C	Z	27.905	33.48
78	MP2C	Mx	.015	33.48
79	MP2C	X	16.111	57.48
80	MP2C	Z	27.905	57.48
81	MP2C	Mx	.015	57.48
82	M134	X	64.806	12
83	M134	Z	112.247	12
84	M134	Mx	-.048	12

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP3A	X	0	26.4
2	MP3A	Z	148.014	26.4
3	MP3A	Mx	.151	26.4
4	MP3A	X	0	65.04
5	MP3A	Z	148.014	65.04
6	MP3A	Mx	.151	65.04
7	MP3B	X	0	26.4
8	MP3B	Z	99.778	26.4
9	MP3B	Mx	-.089	26.4
10	MP3B	X	0	65.04
11	MP3B	Z	99.778	65.04

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
12	MP3B	Mx	-.089	65.04
13	MP3C	X	0	26.4
14	MP3C	Z	99.778	26.4
15	MP3C	Mx	-.089	26.4
16	MP3C	X	0	65.04
17	MP3C	Z	99.778	65.04
18	MP3C	Mx	-.089	65.04
19	MP3A	X	0	26.4
20	MP3A	Z	148.014	26.4
21	MP3A	Mx	-.113	26.4
22	MP3A	X	0	65.04
23	MP3A	Z	148.014	65.04
24	MP3A	Mx	-.113	65.04
25	MP3B	X	0	26.4
26	MP3B	Z	99.778	26.4
27	MP3B	Mx	-.057	26.4
28	MP3B	X	0	65.04
29	MP3B	Z	99.778	65.04
30	MP3B	Mx	-.057	65.04
31	MP3C	X	0	26.4
32	MP3C	Z	99.778	26.4
33	MP3C	Mx	-.057	26.4
34	MP3C	X	0	65.04
35	MP3C	Z	99.778	65.04
36	MP3C	Mx	-.057	65.04
37	MP3A	X	0	12
38	MP3A	Z	12.036	12
39	MP3A	Mx	-.000836	12
40	MP3B	X	0	12
41	MP3B	Z	8.519	12
42	MP3B	Mx	.003	12
43	MP3C	X	0	12
44	MP3C	Z	10.602	12
45	MP3C	Mx	-.003	12
46	MP3A	X	0	33.48
47	MP3A	Z	60.787	33.48
48	MP3A	Mx	-.009	33.48
49	MP3B	X	0	33.48
50	MP3B	Z	41.657	33.48
51	MP3B	Mx	.034	33.48
52	MP3C	X	0	33.48
53	MP3C	Z	52.99	33.48
54	MP3C	Mx	-.028	33.48
55	MP3A	X	0	49.92
56	MP3A	Z	60.552	49.92
57	MP3A	Mx	-.008	49.92
58	MP3B	X	0	49.92
59	MP3B	Z	34.094	49.92
60	MP3B	Mx	.025	49.92
61	MP3C	X	0	49.92
62	MP3C	Z	49.768	49.92
63	MP3C	Mx	-.024	49.92
64	MP2A	X	0	33.48
65	MP2A	Z	69.284	33.48
66	MP2A	Mx	.006	33.48
67	MP2A	X	0	57.48
68	MP2A	Z	69.284	57.48

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
69	MP2A	Mx	.006	57.48
70	MP2B	X	0	33.48
71	MP2B	Z	28.449	33.48
72	MP2B	Mx	-.014	33.48
73	MP2B	X	0	57.48
74	MP2B	Z	28.449	57.48
75	MP2B	Mx	-.014	57.48
76	MP2C	X	0	33.48
77	MP2C	Z	52.64	33.48
78	MP2C	Mx	.017	33.48
79	MP2C	X	0	57.48
80	MP2C	Z	52.64	57.48
81	MP2C	Mx	.017	57.48
82	M134	X	0	12
83	M134	Z	132.356	12
84	M134	Mx	.025	12

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP3A	X	-64.176	26.4
2	MP3A	Z	111.157	26.4
3	MP3A	Mx	.151	26.4
4	MP3A	X	-64.176	65.04
5	MP3A	Z	111.157	65.04
6	MP3A	Mx	.151	65.04
7	MP3B	X	-52.118	26.4
8	MP3B	Z	90.27	26.4
9	MP3B	Mx	-.04	26.4
10	MP3B	X	-52.118	65.04
11	MP3B	Z	90.27	65.04
12	MP3B	Mx	-.04	65.04
13	MP3C	X	-52.118	26.4
14	MP3C	Z	90.27	26.4
15	MP3C	Mx	-.04	26.4
16	MP3C	X	-52.118	65.04
17	MP3C	Z	90.27	65.04
18	MP3C	Mx	-.04	65.04
19	MP3A	X	-64.176	26.4
20	MP3A	Z	111.157	26.4
21	MP3A	Mx	-.028	26.4
22	MP3A	X	-64.176	65.04
23	MP3A	Z	111.157	65.04
24	MP3A	Mx	-.028	65.04
25	MP3B	X	-52.118	26.4
26	MP3B	Z	90.27	26.4
27	MP3B	Mx	-.105	26.4
28	MP3B	X	-52.118	65.04
29	MP3B	Z	90.27	65.04
30	MP3B	Mx	-.105	65.04
31	MP3C	X	-52.118	26.4
32	MP3C	Z	90.27	26.4
33	MP3C	Mx	-.105	26.4
34	MP3C	X	-52.118	65.04
35	MP3C	Z	90.27	65.04
36	MP3C	Mx	-.105	65.04
37	MP3A	X	-5.301	12

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
38	MP3A	Z	9.182	12
39	MP3A	Mx	-.003	12
40	MP3B	X	-4.422	12
41	MP3B	Z	7.659	12
42	MP3B	Mx	.003	12
43	MP3C	X	-6.018	12
44	MP3C	Z	10.423	12
45	MP3C	Mx	-.000836	12
46	MP3A	X	-26.495	33.48
47	MP3A	Z	45.89	33.48
48	MP3A	Mx	-.028	33.48
49	MP3B	X	-21.712	33.48
50	MP3B	Z	37.607	33.48
51	MP3B	Mx	.034	33.48
52	MP3C	X	-30.393	33.48
53	MP3C	Z	52.643	33.48
54	MP3C	Mx	-.009	33.48
55	MP3A	X	-24.884	49.92
56	MP3A	Z	43.1	49.92
57	MP3A	Mx	-.024	49.92
58	MP3B	X	-18.269	49.92
59	MP3B	Z	31.643	49.92
60	MP3B	Mx	.026	49.92
61	MP3C	X	-30.276	49.92
62	MP3C	Z	52.439	49.92
63	MP3C	Mx	-.008	49.92
64	MP2A	X	-26.32	33.48
65	MP2A	Z	45.587	33.48
66	MP2A	Mx	.017	33.48
67	MP2A	X	-26.32	57.48
68	MP2A	Z	45.587	57.48
69	MP2A	Mx	.017	57.48
70	MP2B	X	-16.111	33.48
71	MP2B	Z	27.905	33.48
72	MP2B	Mx	-.015	33.48
73	MP2B	X	-16.111	57.48
74	MP2B	Z	27.905	57.48
75	MP2B	Mx	-.015	57.48
76	MP2C	X	-34.642	33.48
77	MP2C	Z	60.002	33.48
78	MP2C	Mx	.006	33.48
79	MP2C	X	-34.642	57.48
80	MP2C	Z	60.002	57.48
81	MP2C	Mx	.006	57.48
82	M134	X	-60.126	12
83	M134	Z	104.14	12
84	M134	Mx	.084	12

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP3A	X	-90.27	26.4
2	MP3A	Z	52.118	26.4
3	MP3A	Mx	.105	26.4
4	MP3A	X	-90.27	65.04
5	MP3A	Z	52.118	65.04
6	MP3A	Mx	.105	65.04

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
7	MP3B	X	-111.157	26.4
8	MP3B	Z	64.176	26.4
9	MP3B	Mx	.028	26.4
10	MP3B	X	-111.157	65.04
11	MP3B	Z	64.176	65.04
12	MP3B	Mx	.028	65.04
13	MP3C	X	-111.157	26.4
14	MP3C	Z	64.176	26.4
15	MP3C	Mx	.028	26.4
16	MP3C	X	-111.157	65.04
17	MP3C	Z	64.176	65.04
18	MP3C	Mx	.028	65.04
19	MP3A	X	-90.27	26.4
20	MP3A	Z	52.118	26.4
21	MP3A	Mx	.04	26.4
22	MP3A	X	-90.27	65.04
23	MP3A	Z	52.118	65.04
24	MP3A	Mx	.04	65.04
25	MP3B	X	-111.157	26.4
26	MP3B	Z	64.176	26.4
27	MP3B	Mx	-.151	26.4
28	MP3B	X	-111.157	65.04
29	MP3B	Z	64.176	65.04
30	MP3B	Mx	-.151	65.04
31	MP3C	X	-111.157	26.4
32	MP3C	Z	64.176	26.4
33	MP3C	Mx	-.151	26.4
34	MP3C	X	-111.157	65.04
35	MP3C	Z	64.176	65.04
36	MP3C	Mx	-.151	65.04
37	MP3A	X	-7.659	12
38	MP3A	Z	4.422	12
39	MP3A	Mx	-.003	12
40	MP3B	X	-9.182	12
41	MP3B	Z	5.301	12
42	MP3B	Mx	.003	12
43	MP3C	X	-10.142	12
44	MP3C	Z	5.855	12
45	MP3C	Mx	.002	12
46	MP3A	X	-37.607	33.48
47	MP3A	Z	21.712	33.48
48	MP3A	Mx	-.034	33.48
49	MP3B	X	-45.89	33.48
50	MP3B	Z	26.495	33.48
51	MP3B	Mx	.028	33.48
52	MP3C	X	-51.112	33.48
53	MP3C	Z	29.51	33.48
54	MP3C	Mx	.017	33.48
55	MP3A	X	-31.643	49.92
56	MP3A	Z	18.269	49.92
57	MP3A	Mx	-.026	49.92
58	MP3B	X	-43.1	49.92
59	MP3B	Z	24.884	49.92
60	MP3B	Mx	.024	49.92
61	MP3C	X	-50.322	49.92
62	MP3C	Z	29.054	49.92
63	MP3C	Mx	.015	49.92

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
64	MP2A	X	-27.905	33.48
65	MP2A	Z	16.111	33.48
66	MP2A	Mx	.015	33.48
67	MP2A	X	-27.905	57.48
68	MP2A	Z	16.111	57.48
69	MP2A	Mx	.015	57.48
70	MP2B	X	-45.587	33.48
71	MP2B	Z	26.32	33.48
72	MP2B	Mx	-.017	33.48
73	MP2B	X	-45.587	57.48
74	MP2B	Z	26.32	57.48
75	MP2B	Mx	-.017	57.48
76	MP2C	X	-56.734	33.48
77	MP2C	Z	32.756	33.48
78	MP2C	Mx	-.011	33.48
79	MP2C	X	-56.734	57.48
80	MP2C	Z	32.756	57.48
81	MP2C	Mx	-.011	57.48
82	M134	X	-91.281	12
83	M134	Z	52.701	12
84	M134	Mx	.107	12

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP3A	X	-99.778	26.4
2	MP3A	Z	0	26.4
3	MP3A	Mx	.057	26.4
4	MP3A	X	-99.778	65.04
5	MP3A	Z	0	65.04
6	MP3A	Mx	.057	65.04
7	MP3B	X	-148.014	26.4
8	MP3B	Z	0	26.4
9	MP3B	Mx	.113	26.4
10	MP3B	X	-148.014	65.04
11	MP3B	Z	0	65.04
12	MP3B	Mx	.113	65.04
13	MP3C	X	-148.014	26.4
14	MP3C	Z	0	26.4
15	MP3C	Mx	.113	26.4
16	MP3C	X	-148.014	65.04
17	MP3C	Z	0	65.04
18	MP3C	Mx	.113	65.04
19	MP3A	X	-99.778	26.4
20	MP3A	Z	0	26.4
21	MP3A	Mx	.089	26.4
22	MP3A	X	-99.778	65.04
23	MP3A	Z	0	65.04
24	MP3A	Mx	.089	65.04
25	MP3B	X	-148.014	26.4
26	MP3B	Z	0	26.4
27	MP3B	Mx	-.151	26.4
28	MP3B	X	-148.014	65.04
29	MP3B	Z	0	65.04
30	MP3B	Mx	-.151	65.04
31	MP3C	X	-148.014	26.4
32	MP3C	Z	0	26.4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
33	MP3C	Mx	-.151	26.4
34	MP3C	X	-148.014	65.04
35	MP3C	Z	0	65.04
36	MP3C	Mx	-.151	65.04
37	MP3A	X	-8.519	12
38	MP3A	Z	0	12
39	MP3A	Mx	-.003	12
40	MP3B	X	-12.036	12
41	MP3B	Z	0	12
42	MP3B	Mx	.000836	12
43	MP3C	X	-9.952	12
44	MP3C	Z	0	12
45	MP3C	Mx	.003	12
46	MP3A	X	-41.657	33.48
47	MP3A	Z	0	33.48
48	MP3A	Mx	-.034	33.48
49	MP3B	X	-60.787	33.48
50	MP3B	Z	0	33.48
51	MP3B	Mx	.009	33.48
52	MP3C	X	-49.455	33.48
53	MP3C	Z	0	33.48
54	MP3C	Mx	.032	33.48
55	MP3A	X	-34.094	49.92
56	MP3A	Z	0	49.92
57	MP3A	Mx	-.025	49.92
58	MP3B	X	-60.552	49.92
59	MP3B	Z	0	49.92
60	MP3B	Mx	.008	49.92
61	MP3C	X	-44.878	49.92
62	MP3C	Z	0	49.92
63	MP3C	Mx	.026	49.92
64	MP2A	X	-28.449	33.48
65	MP2A	Z	0	33.48
66	MP2A	Mx	.014	33.48
67	MP2A	X	-28.449	57.48
68	MP2A	Z	0	57.48
69	MP2A	Mx	.014	57.48
70	MP2B	X	-69.284	33.48
71	MP2B	Z	0	33.48
72	MP2B	Mx	-.006	33.48
73	MP2B	X	-69.284	57.48
74	MP2B	Z	0	57.48
75	MP2B	Mx	-.006	57.48
76	MP2C	X	-45.094	33.48
77	MP2C	Z	0	33.48
78	MP2C	Mx	-.017	33.48
79	MP2C	X	-45.094	57.48
80	MP2C	Z	0	57.48
81	MP2C	Mx	-.017	57.48
82	M134	X	-102.658	12
83	M134	Z	0	12
84	M134	Mx	.11	12

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP3A	X	-103.438	26.4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
2	MP3A	Z	-59.72	26.4
3	MP3A	Mx	-.002	26.4
4	MP3A	X	-103.438	65.04
5	MP3A	Z	-59.72	65.04
6	MP3A	Mx	-.002	65.04
7	MP3B	X	-124.324	26.4
8	MP3B	Z	-71.779	26.4
9	MP3B	Mx	.159	26.4
10	MP3B	X	-124.324	65.04
11	MP3B	Z	-71.779	65.04
12	MP3B	Mx	.159	65.04
13	MP3C	X	-124.324	26.4
14	MP3C	Z	-71.779	26.4
15	MP3C	Mx	.159	26.4
16	MP3C	X	-124.324	65.04
17	MP3C	Z	-71.779	65.04
18	MP3C	Mx	.159	65.04
19	MP3A	X	-103.438	26.4
20	MP3A	Z	-59.72	26.4
21	MP3A	Mx	.138	26.4
22	MP3A	X	-103.438	65.04
23	MP3A	Z	-59.72	65.04
24	MP3A	Mx	.138	65.04
25	MP3B	X	-124.324	26.4
26	MP3B	Z	-71.779	26.4
27	MP3B	Mx	-.086	26.4
28	MP3B	X	-124.324	65.04
29	MP3B	Z	-71.779	65.04
30	MP3B	Mx	-.086	65.04
31	MP3C	X	-124.324	26.4
32	MP3C	Z	-71.779	26.4
33	MP3C	Mx	-.086	26.4
34	MP3C	X	-124.324	65.04
35	MP3C	Z	-71.779	65.04
36	MP3C	Mx	-.086	65.04
37	MP3A	X	-8.619	12
38	MP3A	Z	-4.976	12
39	MP3A	Mx	-.003	12
40	MP3B	X	-10.142	12
41	MP3B	Z	-5.855	12
42	MP3B	Mx	-.002	12
43	MP3C	X	-7.377	12
44	MP3C	Z	-4.259	12
45	MP3C	Mx	.003	12
46	MP3A	X	-42.829	33.48
47	MP3A	Z	-24.727	33.48
48	MP3A	Mx	-.032	33.48
49	MP3B	X	-51.112	33.48
50	MP3B	Z	-29.51	33.48
51	MP3B	Mx	-.017	33.48
52	MP3C	X	-36.076	33.48
53	MP3C	Z	-20.829	33.48
54	MP3C	Mx	.034	33.48
55	MP3A	X	-38.866	49.92
56	MP3A	Z	-22.439	49.92
57	MP3A	Mx	-.026	49.92
58	MP3B	X	-50.322	49.92

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
59	MP3B	Z	-29.054	49.92
60	MP3B	Mx	-.015	49.92
61	MP3C	X	-29.526	49.92
62	MP3C	Z	-17.047	49.92
63	MP3C	Mx	.025	49.92
64	MP2A	X	-39.052	33.48
65	MP2A	Z	-22.547	33.48
66	MP2A	Mx	.017	33.48
67	MP2A	X	-39.052	57.48
68	MP2A	Z	-22.547	57.48
69	MP2A	Mx	.017	57.48
70	MP2B	X	-56.734	33.48
71	MP2B	Z	-32.756	33.48
72	MP2B	Mx	.011	33.48
73	MP2B	X	-56.734	57.48
74	MP2B	Z	-32.756	57.48
75	MP2B	Mx	.011	57.48
76	MP2C	X	-24.638	33.48
77	MP2C	Z	-14.225	33.48
78	MP2C	Mx	-.014	33.48
79	MP2C	X	-24.638	57.48
80	MP2C	Z	-14.225	57.48
81	MP2C	Mx	-.014	57.48
82	M134	X	-99.388	12
83	M134	Z	-57.382	12
84	M134	Mx	.095	12

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP3A	X	-71.779	26.4
2	MP3A	Z	-124.324	26.4
3	MP3A	Mx	-.086	26.4
4	MP3A	X	-71.779	65.04
5	MP3A	Z	-124.324	65.04
6	MP3A	Mx	-.086	65.04
7	MP3B	X	-59.72	26.4
8	MP3B	Z	-103.438	26.4
9	MP3B	Mx	.138	26.4
10	MP3B	X	-59.72	65.04
11	MP3B	Z	-103.438	65.04
12	MP3B	Mx	.138	65.04
13	MP3C	X	-59.72	26.4
14	MP3C	Z	-103.438	26.4
15	MP3C	Mx	.138	26.4
16	MP3C	X	-59.72	65.04
17	MP3C	Z	-103.438	65.04
18	MP3C	Mx	.138	65.04
19	MP3A	X	-71.779	26.4
20	MP3A	Z	-124.324	26.4
21	MP3A	Mx	.159	26.4
22	MP3A	X	-71.779	65.04
23	MP3A	Z	-124.324	65.04
24	MP3A	Mx	.159	65.04
25	MP3B	X	-59.72	26.4
26	MP3B	Z	-103.438	26.4
27	MP3B	Mx	-.002	26.4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
28	MP3B	X	-59.72	65.04
29	MP3B	Z	-103.438	65.04
30	MP3B	Mx	-.002	65.04
31	MP3C	X	-59.72	26.4
32	MP3C	Z	-103.438	26.4
33	MP3C	Mx	-.002	26.4
34	MP3C	X	-59.72	65.04
35	MP3C	Z	-103.438	65.04
36	MP3C	Mx	-.002	65.04
37	MP3A	X	-5.855	12
38	MP3A	Z	-10.142	12
39	MP3A	Mx	-.002	12
40	MP3B	X	-4.976	12
41	MP3B	Z	-8.619	12
42	MP3B	Mx	-.003	12
43	MP3C	X	-4.422	12
44	MP3C	Z	-7.659	12
45	MP3C	Mx	.003	12
46	MP3A	X	-29.51	33.48
47	MP3A	Z	-51.112	33.48
48	MP3A	Mx	-.017	33.48
49	MP3B	X	-24.727	33.48
50	MP3B	Z	-42.829	33.48
51	MP3B	Mx	-.032	33.48
52	MP3C	X	-21.712	33.48
53	MP3C	Z	-37.607	33.48
54	MP3C	Mx	.034	33.48
55	MP3A	X	-29.054	49.92
56	MP3A	Z	-50.322	49.92
57	MP3A	Mx	-.015	49.92
58	MP3B	X	-22.439	49.92
59	MP3B	Z	-38.866	49.92
60	MP3B	Mx	-.026	49.92
61	MP3C	X	-18.269	49.92
62	MP3C	Z	-31.643	49.92
63	MP3C	Mx	.026	49.92
64	MP2A	X	-32.756	33.48
65	MP2A	Z	-56.734	33.48
66	MP2A	Mx	.011	33.48
67	MP2A	X	-32.756	57.48
68	MP2A	Z	-56.734	57.48
69	MP2A	Mx	.011	57.48
70	MP2B	X	-22.547	33.48
71	MP2B	Z	-39.052	33.48
72	MP2B	Mx	.017	33.48
73	MP2B	X	-22.547	57.48
74	MP2B	Z	-39.052	57.48
75	MP2B	Mx	.017	57.48
76	MP2C	X	-16.111	33.48
77	MP2C	Z	-27.905	33.48
78	MP2C	Mx	-.015	33.48
79	MP2C	X	-16.111	57.48
80	MP2C	Z	-27.905	57.48
81	MP2C	Mx	-.015	57.48
82	M134	X	-64.806	12
83	M134	Z	-112.247	12
84	M134	Mx	.048	12

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP3A	X	0	26.4
2	MP3A	Z	-29.148	26.4
3	MP3A	Mx	-.03	26.4
4	MP3A	X	0	65.04
5	MP3A	Z	-29.148	65.04
6	MP3A	Mx	-.03	65.04
7	MP3B	X	0	26.4
8	MP3B	Z	-20.358	26.4
9	MP3B	Mx	.018	26.4
10	MP3B	X	0	65.04
11	MP3B	Z	-20.358	65.04
12	MP3B	Mx	.018	65.04
13	MP3C	X	0	26.4
14	MP3C	Z	-20.358	26.4
15	MP3C	Mx	.018	26.4
16	MP3C	X	0	65.04
17	MP3C	Z	-20.358	65.04
18	MP3C	Mx	.018	65.04
19	MP3A	X	0	26.4
20	MP3A	Z	-29.148	26.4
21	MP3A	Mx	.022	26.4
22	MP3A	X	0	65.04
23	MP3A	Z	-29.148	65.04
24	MP3A	Mx	.022	65.04
25	MP3B	X	0	26.4
26	MP3B	Z	-20.358	26.4
27	MP3B	Mx	.012	26.4
28	MP3B	X	0	65.04
29	MP3B	Z	-20.358	65.04
30	MP3B	Mx	.012	65.04
31	MP3C	X	0	26.4
32	MP3C	Z	-20.358	26.4
33	MP3C	Mx	.012	26.4
34	MP3C	X	0	65.04
35	MP3C	Z	-20.358	65.04
36	MP3C	Mx	.012	65.04
37	MP3A	X	0	12
38	MP3A	Z	-3.179	12
39	MP3A	Mx	.000221	12
40	MP3B	X	0	12
41	MP3B	Z	-2.428	12
42	MP3B	Mx	-.000956	12
43	MP3C	X	0	12
44	MP3C	Z	-2.873	12
45	MP3C	Mx	.000739	12
46	MP3A	X	0	33.48
47	MP3A	Z	-13.073	33.48
48	MP3A	Mx	.002	33.48
49	MP3B	X	0	33.48
50	MP3B	Z	-9.299	33.48
51	MP3B	Mx	-.008	33.48
52	MP3C	X	0	33.48
53	MP3C	Z	-11.534	33.48
54	MP3C	Mx	.006	33.48
55	MP3A	X	0	49.92
56	MP3A	Z	-13.027	49.92
57	MP3A	Mx	.002	49.92

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
58	MP3B	X	0	49.92
59	MP3B	Z	-7.819	49.92
60	MP3B	Mx	-.006	49.92
61	MP3C	X	0	49.92
62	MP3C	Z	-10.904	49.92
63	MP3C	Mx	.005	49.92
64	MP2A	X	0	33.48
65	MP2A	Z	-14.116	33.48
66	MP2A	Mx	-.001	33.48
67	MP2A	X	0	57.48
68	MP2A	Z	-14.116	57.48
69	MP2A	Mx	-.001	57.48
70	MP2B	X	0	33.48
71	MP2B	Z	-6.295	33.48
72	MP2B	Mx	.003	33.48
73	MP2B	X	0	57.48
74	MP2B	Z	-6.295	57.48
75	MP2B	Mx	.003	57.48
76	MP2C	X	0	33.48
77	MP2C	Z	-10.929	33.48
78	MP2C	Mx	-.004	33.48
79	MP2C	X	0	57.48
80	MP2C	Z	-10.929	57.48
81	MP2C	Mx	-.004	57.48
82	M134	X	0	12
83	M134	Z	-26.934	12
84	M134	Mx	-.005	12

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP3A	X	12.783	26.4
2	MP3A	Z	-22.14	26.4
3	MP3A	Mx	-.03	26.4
4	MP3A	X	12.783	65.04
5	MP3A	Z	-22.14	65.04
6	MP3A	Mx	-.03	65.04
7	MP3B	X	10.585	26.4
8	MP3B	Z	-18.334	26.4
9	MP3B	Mx	.008	26.4
10	MP3B	X	10.585	65.04
11	MP3B	Z	-18.334	65.04
12	MP3B	Mx	.008	65.04
13	MP3C	X	10.585	26.4
14	MP3C	Z	-18.334	26.4
15	MP3C	Mx	.008	26.4
16	MP3C	X	10.585	65.04
17	MP3C	Z	-18.334	65.04
18	MP3C	Mx	.008	65.04
19	MP3A	X	12.783	26.4
20	MP3A	Z	-22.14	26.4
21	MP3A	Mx	.006	26.4
22	MP3A	X	12.783	65.04
23	MP3A	Z	-22.14	65.04
24	MP3A	Mx	.006	65.04
25	MP3B	X	10.585	26.4
26	MP3B	Z	-18.334	26.4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
27	MP3B	Mx	.021	26.4
28	MP3B	X	10.585	65.04
29	MP3B	Z	-18.334	65.04
30	MP3B	Mx	.021	65.04
31	MP3C	X	10.585	26.4
32	MP3C	Z	-18.334	26.4
33	MP3C	Mx	.021	26.4
34	MP3C	X	10.585	65.04
35	MP3C	Z	-18.334	65.04
36	MP3C	Mx	.021	65.04
37	MP3A	X	1.437	12
38	MP3A	Z	-2.488	12
39	MP3A	Mx	.000739	12
40	MP3B	X	1.249	12
41	MP3B	Z	-2.163	12
42	MP3B	Mx	-.000939	12
43	MP3C	X	1.59	12
44	MP3C	Z	-2.753	12
45	MP3C	Mx	.000221	12
46	MP3A	X	5.767	33.48
47	MP3A	Z	-9.989	33.48
48	MP3A	Mx	.006	33.48
49	MP3B	X	4.824	33.48
50	MP3B	Z	-8.355	33.48
51	MP3B	Mx	-.008	33.48
52	MP3C	X	6.536	33.48
53	MP3C	Z	-11.321	33.48
54	MP3C	Mx	.002	33.48
55	MP3A	X	5.452	49.92
56	MP3A	Z	-9.443	49.92
57	MP3A	Mx	.005	49.92
58	MP3B	X	4.15	49.92
59	MP3B	Z	-7.188	49.92
60	MP3B	Mx	-.006	49.92
61	MP3C	X	6.513	49.92
62	MP3C	Z	-11.281	49.92
63	MP3C	Mx	.002	49.92
64	MP2A	X	5.464	33.48
65	MP2A	Z	-9.464	33.48
66	MP2A	Mx	-.004	33.48
67	MP2A	X	5.464	57.48
68	MP2A	Z	-9.464	57.48
69	MP2A	Mx	-.004	57.48
70	MP2B	X	3.509	33.48
71	MP2B	Z	-6.078	33.48
72	MP2B	Mx	.003	33.48
73	MP2B	X	3.509	57.48
74	MP2B	Z	-6.078	57.48
75	MP2B	Mx	.003	57.48
76	MP2C	X	7.058	33.48
77	MP2C	Z	-12.225	33.48
78	MP2C	Mx	-.001	33.48
79	MP2C	X	7.058	57.48
80	MP2C	Z	-12.225	57.48
81	MP2C	Mx	-.001	57.48
82	M134	X	12.335	12
83	M134	Z	-21.365	12

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
84	M134	Mx	-.017	12

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP3A	X	18.334	26.4
2	MP3A	Z	-10.585	26.4
3	MP3A	Mx	-.021	26.4
4	MP3A	X	18.334	65.04
5	MP3A	Z	-10.585	65.04
6	MP3A	Mx	-.021	65.04
7	MP3B	X	22.14	26.4
8	MP3B	Z	-12.783	26.4
9	MP3B	Mx	-.006	26.4
10	MP3B	X	22.14	65.04
11	MP3B	Z	-12.783	65.04
12	MP3B	Mx	-.006	65.04
13	MP3C	X	22.14	26.4
14	MP3C	Z	-12.783	26.4
15	MP3C	Mx	-.006	26.4
16	MP3C	X	22.14	65.04
17	MP3C	Z	-12.783	65.04
18	MP3C	Mx	-.006	65.04
19	MP3A	X	18.334	26.4
20	MP3A	Z	-10.585	26.4
21	MP3A	Mx	-.008	26.4
22	MP3A	X	18.334	65.04
23	MP3A	Z	-10.585	65.04
24	MP3A	Mx	-.008	65.04
25	MP3B	X	22.14	26.4
26	MP3B	Z	-12.783	26.4
27	MP3B	Mx	.03	26.4
28	MP3B	X	22.14	65.04
29	MP3B	Z	-12.783	65.04
30	MP3B	Mx	.03	65.04
31	MP3C	X	22.14	26.4
32	MP3C	Z	-12.783	26.4
33	MP3C	Mx	.03	26.4
34	MP3C	X	22.14	65.04
35	MP3C	Z	-12.783	65.04
36	MP3C	Mx	.03	65.04
37	MP3A	X	2.163	12
38	MP3A	Z	-1.249	12
39	MP3A	Mx	.000939	12
40	MP3B	X	2.488	12
41	MP3B	Z	-1.437	12
42	MP3B	Mx	-.000739	12
43	MP3C	X	2.693	12
44	MP3C	Z	-1.555	12
45	MP3C	Mx	-.000425	12
46	MP3A	X	8.355	33.48
47	MP3A	Z	-4.824	33.48
48	MP3A	Mx	.008	33.48
49	MP3B	X	9.989	33.48
50	MP3B	Z	-5.767	33.48
51	MP3B	Mx	-.006	33.48
52	MP3C	X	11.019	33.48

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
53	MP3C	Z	-6.362	33.48
54	MP3C	Mx	-.004	33.48
55	MP3A	X	7.188	49.92
56	MP3A	Z	-4.15	49.92
57	MP3A	Mx	.006	49.92
58	MP3B	X	9.443	49.92
59	MP3B	Z	-5.452	49.92
60	MP3B	Mx	-.005	49.92
61	MP3C	X	10.865	49.92
62	MP3C	Z	-6.273	49.92
63	MP3C	Mx	-.003	49.92
64	MP2A	X	6.078	33.48
65	MP2A	Z	-3.509	33.48
66	MP2A	Mx	-.003	33.48
67	MP2A	X	6.078	57.48
68	MP2A	Z	-3.509	57.48
69	MP2A	Mx	-.003	57.48
70	MP2B	X	9.464	33.48
71	MP2B	Z	-5.464	33.48
72	MP2B	Mx	.004	33.48
73	MP2B	X	9.464	57.48
74	MP2B	Z	-5.464	57.48
75	MP2B	Mx	.004	57.48
76	MP2C	X	11.599	33.48
77	MP2C	Z	-6.697	33.48
78	MP2C	Mx	.002	33.48
79	MP2C	X	11.599	57.48
80	MP2C	Z	-6.697	57.48
81	MP2C	Mx	.002	57.48
82	M134	X	18.96	12
83	M134	Z	-10.947	12
84	M134	Mx	-.022	12

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP3A	X	20.358	26.4
2	MP3A	Z	0	26.4
3	MP3A	Mx	-.012	26.4
4	MP3A	X	20.358	65.04
5	MP3A	Z	0	65.04
6	MP3A	Mx	-.012	65.04
7	MP3B	X	29.148	26.4
8	MP3B	Z	0	26.4
9	MP3B	Mx	-.022	26.4
10	MP3B	X	29.148	65.04
11	MP3B	Z	0	65.04
12	MP3B	Mx	-.022	65.04
13	MP3C	X	29.148	26.4
14	MP3C	Z	0	26.4
15	MP3C	Mx	-.022	26.4
16	MP3C	X	29.148	65.04
17	MP3C	Z	0	65.04
18	MP3C	Mx	-.022	65.04
19	MP3A	X	20.358	26.4
20	MP3A	Z	0	26.4
21	MP3A	Mx	-.018	26.4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
22	MP3A	X	20.358	65.04
23	MP3A	Z	0	65.04
24	MP3A	Mx	-.018	65.04
25	MP3B	X	29.148	26.4
26	MP3B	Z	0	26.4
27	MP3B	Mx	.03	26.4
28	MP3B	X	29.148	65.04
29	MP3B	Z	0	65.04
30	MP3B	Mx	.03	65.04
31	MP3C	X	29.148	26.4
32	MP3C	Z	0	26.4
33	MP3C	Mx	.03	26.4
34	MP3C	X	29.148	65.04
35	MP3C	Z	0	65.04
36	MP3C	Mx	.03	65.04
37	MP3A	X	2.428	12
38	MP3A	Z	0	12
39	MP3A	Mx	.000956	12
40	MP3B	X	3.179	12
41	MP3B	Z	0	12
42	MP3B	Mx	-.000221	12
43	MP3C	X	2.734	12
44	MP3C	Z	0	12
45	MP3C	Mx	-.000838	12
46	MP3A	X	9.299	33.48
47	MP3A	Z	0	33.48
48	MP3A	Mx	.008	33.48
49	MP3B	X	13.073	33.48
50	MP3B	Z	0	33.48
51	MP3B	Mx	-.002	33.48
52	MP3C	X	10.837	33.48
53	MP3C	Z	0	33.48
54	MP3C	Mx	-.007	33.48
55	MP3A	X	7.819	49.92
56	MP3A	Z	0	49.92
57	MP3A	Mx	.006	49.92
58	MP3B	X	13.027	49.92
59	MP3B	Z	0	49.92
60	MP3B	Mx	-.002	49.92
61	MP3C	X	9.942	49.92
62	MP3C	Z	0	49.92
63	MP3C	Mx	-.006	49.92
64	MP2A	X	6.295	33.48
65	MP2A	Z	0	33.48
66	MP2A	Mx	-.003	33.48
67	MP2A	X	6.295	57.48
68	MP2A	Z	0	57.48
69	MP2A	Mx	-.003	57.48
70	MP2B	X	14.116	33.48
71	MP2B	Z	0	33.48
72	MP2B	Mx	.001	33.48
73	MP2B	X	14.116	57.48
74	MP2B	Z	0	57.48
75	MP2B	Mx	.001	57.48
76	MP2C	X	9.483	33.48
77	MP2C	Z	0	33.48
78	MP2C	Mx	.004	33.48

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
79	MP2C	X	9.483	57.48
80	MP2C	Z	0	57.48
81	MP2C	Mx	.004	57.48
82	M134	X	21.38	12
83	M134	Z	0	12
84	M134	Mx	-.023	12

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP3A	X	20.733	26.4
2	MP3A	Z	11.97	26.4
3	MP3A	Mx	.000376	26.4
4	MP3A	X	20.733	65.04
5	MP3A	Z	11.97	65.04
6	MP3A	Mx	.000376	65.04
7	MP3B	X	24.539	26.4
8	MP3B	Z	14.168	26.4
9	MP3B	Mx	-.031	26.4
10	MP3B	X	24.539	65.04
11	MP3B	Z	14.168	65.04
12	MP3B	Mx	-.031	65.04
13	MP3C	X	24.539	26.4
14	MP3C	Z	14.168	26.4
15	MP3C	Mx	-.031	26.4
16	MP3C	X	24.539	65.04
17	MP3C	Z	14.168	65.04
18	MP3C	Mx	-.031	65.04
19	MP3A	X	20.733	26.4
20	MP3A	Z	11.97	26.4
21	MP3A	Mx	-.028	26.4
22	MP3A	X	20.733	65.04
23	MP3A	Z	11.97	65.04
24	MP3A	Mx	-.028	65.04
25	MP3B	X	24.539	26.4
26	MP3B	Z	14.168	26.4
27	MP3B	Mx	.017	26.4
28	MP3B	X	24.539	65.04
29	MP3B	Z	14.168	65.04
30	MP3B	Mx	.017	65.04
31	MP3C	X	24.539	26.4
32	MP3C	Z	14.168	26.4
33	MP3C	Mx	.017	26.4
34	MP3C	X	24.539	65.04
35	MP3C	Z	14.168	65.04
36	MP3C	Mx	.017	65.04
37	MP3A	X	2.368	12
38	MP3A	Z	1.367	12
39	MP3A	Mx	.000838	12
40	MP3B	X	2.693	12
41	MP3B	Z	1.555	12
42	MP3B	Mx	.000425	12
43	MP3C	X	2.103	12
44	MP3C	Z	1.214	12
45	MP3C	Mx	-.000957	12
46	MP3A	X	9.385	33.48
47	MP3A	Z	5.419	33.48

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
48	MP3A	Mx	.007	33.48
49	MP3B	X	11.019	33.48
50	MP3B	Z	6.362	33.48
51	MP3B	Mx	.004	33.48
52	MP3C	X	8.053	33.48
53	MP3C	Z	4.649	33.48
54	MP3C	Mx	-.008	33.48
55	MP3A	X	8.61	49.92
56	MP3A	Z	4.971	49.92
57	MP3A	Mx	.006	49.92
58	MP3B	X	10.865	49.92
59	MP3B	Z	6.273	49.92
60	MP3B	Mx	.003	49.92
61	MP3C	X	6.771	49.92
62	MP3C	Z	3.91	49.92
63	MP3C	Mx	-.006	49.92
64	MP2A	X	8.213	33.48
65	MP2A	Z	4.742	33.48
66	MP2A	Mx	-.004	33.48
67	MP2A	X	8.213	57.48
68	MP2A	Z	4.742	57.48
69	MP2A	Mx	-.004	57.48
70	MP2B	X	11.599	33.48
71	MP2B	Z	6.697	33.48
72	MP2B	Mx	-.002	33.48
73	MP2B	X	11.599	57.48
74	MP2B	Z	6.697	57.48
75	MP2B	Mx	-.002	57.48
76	MP2C	X	5.452	33.48
77	MP2C	Z	3.148	33.48
78	MP2C	Mx	.003	33.48
79	MP2C	X	5.452	57.48
80	MP2C	Z	3.148	57.48
81	MP2C	Mx	.003	57.48
82	M134	X	20.476	12
83	M134	Z	11.822	12
84	M134	Mx	-.02	12

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP3A	X	14.168	26.4
2	MP3A	Z	24.539	26.4
3	MP3A	Mx	.017	26.4
4	MP3A	X	14.168	65.04
5	MP3A	Z	24.539	65.04
6	MP3A	Mx	.017	65.04
7	MP3B	X	11.97	26.4
8	MP3B	Z	20.733	26.4
9	MP3B	Mx	-.028	26.4
10	MP3B	X	11.97	65.04
11	MP3B	Z	20.733	65.04
12	MP3B	Mx	-.028	65.04
13	MP3C	X	11.97	26.4
14	MP3C	Z	20.733	26.4
15	MP3C	Mx	-.028	26.4
16	MP3C	X	11.97	65.04

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
17	MP3C	Z	20.733	65.04
18	MP3C	Mx	-.028	65.04
19	MP3A	X	14.168	26.4
20	MP3A	Z	24.539	26.4
21	MP3A	Mx	-.031	26.4
22	MP3A	X	14.168	65.04
23	MP3A	Z	24.539	65.04
24	MP3A	Mx	-.031	65.04
25	MP3B	X	11.97	26.4
26	MP3B	Z	20.733	26.4
27	MP3B	Mx	.000376	26.4
28	MP3B	X	11.97	65.04
29	MP3B	Z	20.733	65.04
30	MP3B	Mx	.000376	65.04
31	MP3C	X	11.97	26.4
32	MP3C	Z	20.733	26.4
33	MP3C	Mx	.000376	26.4
34	MP3C	X	11.97	65.04
35	MP3C	Z	20.733	65.04
36	MP3C	Mx	.000376	65.04
37	MP3A	X	1.555	12
38	MP3A	Z	2.693	12
39	MP3A	Mx	.000425	12
40	MP3B	X	1.367	12
41	MP3B	Z	2.368	12
42	MP3B	Mx	.000838	12
43	MP3C	X	1.249	12
44	MP3C	Z	2.163	12
45	MP3C	Mx	-.000939	12
46	MP3A	X	6.362	33.48
47	MP3A	Z	11.019	33.48
48	MP3A	Mx	.004	33.48
49	MP3B	X	5.419	33.48
50	MP3B	Z	9.385	33.48
51	MP3B	Mx	.007	33.48
52	MP3C	X	4.824	33.48
53	MP3C	Z	8.355	33.48
54	MP3C	Mx	-.008	33.48
55	MP3A	X	6.273	49.92
56	MP3A	Z	10.865	49.92
57	MP3A	Mx	.003	49.92
58	MP3B	X	4.971	49.92
59	MP3B	Z	8.61	49.92
60	MP3B	Mx	.006	49.92
61	MP3C	X	4.15	49.92
62	MP3C	Z	7.188	49.92
63	MP3C	Mx	-.006	49.92
64	MP2A	X	6.697	33.48
65	MP2A	Z	11.599	33.48
66	MP2A	Mx	-.002	33.48
67	MP2A	X	6.697	57.48
68	MP2A	Z	11.599	57.48
69	MP2A	Mx	-.002	57.48
70	MP2B	X	4.742	33.48
71	MP2B	Z	8.213	33.48
72	MP2B	Mx	-.004	33.48
73	MP2B	X	4.742	57.48

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
74	MP2B	Z	8.213	57.48
75	MP2B	Mx	-.004	57.48
76	MP2C	X	3.509	33.48
77	MP2C	Z	6.078	33.48
78	MP2C	Mx	.003	33.48
79	MP2C	X	3.509	57.48
80	MP2C	Z	6.078	57.48
81	MP2C	Mx	.003	57.48
82	M134	X	13.211	12
83	M134	Z	22.881	12
84	M134	Mx	-.01	12

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP3A	X	0	26.4
2	MP3A	Z	29.148	26.4
3	MP3A	Mx	.03	26.4
4	MP3A	X	0	65.04
5	MP3A	Z	29.148	65.04
6	MP3A	Mx	.03	65.04
7	MP3B	X	0	26.4
8	MP3B	Z	20.358	26.4
9	MP3B	Mx	-.018	26.4
10	MP3B	X	0	65.04
11	MP3B	Z	20.358	65.04
12	MP3B	Mx	-.018	65.04
13	MP3C	X	0	26.4
14	MP3C	Z	20.358	26.4
15	MP3C	Mx	-.018	26.4
16	MP3C	X	0	65.04
17	MP3C	Z	20.358	65.04
18	MP3C	Mx	-.018	65.04
19	MP3A	X	0	26.4
20	MP3A	Z	29.148	26.4
21	MP3A	Mx	-.022	26.4
22	MP3A	X	0	65.04
23	MP3A	Z	29.148	65.04
24	MP3A	Mx	-.022	65.04
25	MP3B	X	0	26.4
26	MP3B	Z	20.358	26.4
27	MP3B	Mx	-.012	26.4
28	MP3B	X	0	65.04
29	MP3B	Z	20.358	65.04
30	MP3B	Mx	-.012	65.04
31	MP3C	X	0	26.4
32	MP3C	Z	20.358	26.4
33	MP3C	Mx	-.012	26.4
34	MP3C	X	0	65.04
35	MP3C	Z	20.358	65.04
36	MP3C	Mx	-.012	65.04
37	MP3A	X	0	12
38	MP3A	Z	3.179	12
39	MP3A	Mx	-.000221	12
40	MP3B	X	0	12
41	MP3B	Z	2.428	12
42	MP3B	Mx	.000956	12

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
43	MP3C	X	0	12
44	MP3C	Z	2.873	12
45	MP3C	Mx	-.000739	12
46	MP3A	X	0	33.48
47	MP3A	Z	13.073	33.48
48	MP3A	Mx	-.002	33.48
49	MP3B	X	0	33.48
50	MP3B	Z	9.299	33.48
51	MP3B	Mx	.008	33.48
52	MP3C	X	0	33.48
53	MP3C	Z	11.534	33.48
54	MP3C	Mx	-.006	33.48
55	MP3A	X	0	49.92
56	MP3A	Z	13.027	49.92
57	MP3A	Mx	-.002	49.92
58	MP3B	X	0	49.92
59	MP3B	Z	7.819	49.92
60	MP3B	Mx	.006	49.92
61	MP3C	X	0	49.92
62	MP3C	Z	10.904	49.92
63	MP3C	Mx	-.005	49.92
64	MP2A	X	0	33.48
65	MP2A	Z	14.116	33.48
66	MP2A	Mx	.001	33.48
67	MP2A	X	0	57.48
68	MP2A	Z	14.116	57.48
69	MP2A	Mx	.001	57.48
70	MP2B	X	0	33.48
71	MP2B	Z	6.295	33.48
72	MP2B	Mx	-.003	33.48
73	MP2B	X	0	57.48
74	MP2B	Z	6.295	57.48
75	MP2B	Mx	-.003	57.48
76	MP2C	X	0	33.48
77	MP2C	Z	10.929	33.48
78	MP2C	Mx	.004	33.48
79	MP2C	X	0	57.48
80	MP2C	Z	10.929	57.48
81	MP2C	Mx	.004	57.48
82	M134	X	0	12
83	M134	Z	26.934	12
84	M134	Mx	.005	12

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP3A	X	-12.783	26.4
2	MP3A	Z	22.14	26.4
3	MP3A	Mx	.03	26.4
4	MP3A	X	-12.783	65.04
5	MP3A	Z	22.14	65.04
6	MP3A	Mx	.03	65.04
7	MP3B	X	-10.585	26.4
8	MP3B	Z	18.334	26.4
9	MP3B	Mx	-.008	26.4
10	MP3B	X	-10.585	65.04
11	MP3B	Z	18.334	65.04

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
12	MP3B	Mx	-.008	65.04
13	MP3C	X	-10.585	26.4
14	MP3C	Z	18.334	26.4
15	MP3C	Mx	-.008	26.4
16	MP3C	X	-10.585	65.04
17	MP3C	Z	18.334	65.04
18	MP3C	Mx	-.008	65.04
19	MP3A	X	-12.783	26.4
20	MP3A	Z	22.14	26.4
21	MP3A	Mx	-.006	26.4
22	MP3A	X	-12.783	65.04
23	MP3A	Z	22.14	65.04
24	MP3A	Mx	-.006	65.04
25	MP3B	X	-10.585	26.4
26	MP3B	Z	18.334	26.4
27	MP3B	Mx	-.021	26.4
28	MP3B	X	-10.585	65.04
29	MP3B	Z	18.334	65.04
30	MP3B	Mx	-.021	65.04
31	MP3C	X	-10.585	26.4
32	MP3C	Z	18.334	26.4
33	MP3C	Mx	-.021	26.4
34	MP3C	X	-10.585	65.04
35	MP3C	Z	18.334	65.04
36	MP3C	Mx	-.021	65.04
37	MP3A	X	-1.437	12
38	MP3A	Z	2.488	12
39	MP3A	Mx	-.000739	12
40	MP3B	X	-1.249	12
41	MP3B	Z	2.163	12
42	MP3B	Mx	.000939	12
43	MP3C	X	-1.59	12
44	MP3C	Z	2.753	12
45	MP3C	Mx	-.000221	12
46	MP3A	X	-5.767	33.48
47	MP3A	Z	9.989	33.48
48	MP3A	Mx	-.006	33.48
49	MP3B	X	-4.824	33.48
50	MP3B	Z	8.355	33.48
51	MP3B	Mx	.008	33.48
52	MP3C	X	-6.536	33.48
53	MP3C	Z	11.321	33.48
54	MP3C	Mx	-.002	33.48
55	MP3A	X	-5.452	49.92
56	MP3A	Z	9.443	49.92
57	MP3A	Mx	-.005	49.92
58	MP3B	X	-4.15	49.92
59	MP3B	Z	7.188	49.92
60	MP3B	Mx	.006	49.92
61	MP3C	X	-6.513	49.92
62	MP3C	Z	11.281	49.92
63	MP3C	Mx	-.002	49.92
64	MP2A	X	-5.464	33.48
65	MP2A	Z	9.464	33.48
66	MP2A	Mx	.004	33.48
67	MP2A	X	-5.464	57.48
68	MP2A	Z	9.464	57.48

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
69	MP2A	Mx	.004	57.48
70	MP2B	X	-3.509	33.48
71	MP2B	Z	6.078	33.48
72	MP2B	Mx	-.003	33.48
73	MP2B	X	-3.509	57.48
74	MP2B	Z	6.078	57.48
75	MP2B	Mx	-.003	57.48
76	MP2C	X	-7.058	33.48
77	MP2C	Z	12.225	33.48
78	MP2C	Mx	.001	33.48
79	MP2C	X	-7.058	57.48
80	MP2C	Z	12.225	57.48
81	MP2C	Mx	.001	57.48
82	M134	X	-12.335	12
83	M134	Z	21.365	12
84	M134	Mx	.017	12

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP3A	X	-18.334	26.4
2	MP3A	Z	10.585	26.4
3	MP3A	Mx	.021	26.4
4	MP3A	X	-18.334	65.04
5	MP3A	Z	10.585	65.04
6	MP3A	Mx	.021	65.04
7	MP3B	X	-22.14	26.4
8	MP3B	Z	12.783	26.4
9	MP3B	Mx	.006	26.4
10	MP3B	X	-22.14	65.04
11	MP3B	Z	12.783	65.04
12	MP3B	Mx	.006	65.04
13	MP3C	X	-22.14	26.4
14	MP3C	Z	12.783	26.4
15	MP3C	Mx	.006	26.4
16	MP3C	X	-22.14	65.04
17	MP3C	Z	12.783	65.04
18	MP3C	Mx	.006	65.04
19	MP3A	X	-18.334	26.4
20	MP3A	Z	10.585	26.4
21	MP3A	Mx	.008	26.4
22	MP3A	X	-18.334	65.04
23	MP3A	Z	10.585	65.04
24	MP3A	Mx	.008	65.04
25	MP3B	X	-22.14	26.4
26	MP3B	Z	12.783	26.4
27	MP3B	Mx	-.03	26.4
28	MP3B	X	-22.14	65.04
29	MP3B	Z	12.783	65.04
30	MP3B	Mx	-.03	65.04
31	MP3C	X	-22.14	26.4
32	MP3C	Z	12.783	26.4
33	MP3C	Mx	-.03	26.4
34	MP3C	X	-22.14	65.04
35	MP3C	Z	12.783	65.04
36	MP3C	Mx	-.03	65.04
37	MP3A	X	-2.163	12

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
38	MP3A	Z	1.249	12
39	MP3A	Mx	-.000939	12
40	MP3B	X	-2.488	12
41	MP3B	Z	1.437	12
42	MP3B	Mx	.000739	12
43	MP3C	X	-2.693	12
44	MP3C	Z	1.555	12
45	MP3C	Mx	.000425	12
46	MP3A	X	-8.355	33.48
47	MP3A	Z	4.824	33.48
48	MP3A	Mx	-.008	33.48
49	MP3B	X	-9.989	33.48
50	MP3B	Z	5.767	33.48
51	MP3B	Mx	.006	33.48
52	MP3C	X	-11.019	33.48
53	MP3C	Z	6.362	33.48
54	MP3C	Mx	.004	33.48
55	MP3A	X	-7.188	49.92
56	MP3A	Z	4.15	49.92
57	MP3A	Mx	-.006	49.92
58	MP3B	X	-9.443	49.92
59	MP3B	Z	5.452	49.92
60	MP3B	Mx	.005	49.92
61	MP3C	X	-10.865	49.92
62	MP3C	Z	6.273	49.92
63	MP3C	Mx	.003	49.92
64	MP2A	X	-6.078	33.48
65	MP2A	Z	3.509	33.48
66	MP2A	Mx	.003	33.48
67	MP2A	X	-6.078	57.48
68	MP2A	Z	3.509	57.48
69	MP2A	Mx	.003	57.48
70	MP2B	X	-9.464	33.48
71	MP2B	Z	5.464	33.48
72	MP2B	Mx	-.004	33.48
73	MP2B	X	-9.464	57.48
74	MP2B	Z	5.464	57.48
75	MP2B	Mx	-.004	57.48
76	MP2C	X	-11.599	33.48
77	MP2C	Z	6.697	33.48
78	MP2C	Mx	-.002	33.48
79	MP2C	X	-11.599	57.48
80	MP2C	Z	6.697	57.48
81	MP2C	Mx	-.002	57.48
82	M134	X	-18.96	12
83	M134	Z	10.947	12
84	M134	Mx	.022	12

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP3A	X	-20.358	26.4
2	MP3A	Z	0	26.4
3	MP3A	Mx	.012	26.4
4	MP3A	X	-20.358	65.04
5	MP3A	Z	0	65.04
6	MP3A	Mx	.012	65.04

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
7	MP3B	X	-29.148	26.4
8	MP3B	Z	0	26.4
9	MP3B	Mx	.022	26.4
10	MP3B	X	-29.148	65.04
11	MP3B	Z	0	65.04
12	MP3B	Mx	.022	65.04
13	MP3C	X	-29.148	26.4
14	MP3C	Z	0	26.4
15	MP3C	Mx	.022	26.4
16	MP3C	X	-29.148	65.04
17	MP3C	Z	0	65.04
18	MP3C	Mx	.022	65.04
19	MP3A	X	-20.358	26.4
20	MP3A	Z	0	26.4
21	MP3A	Mx	.018	26.4
22	MP3A	X	-20.358	65.04
23	MP3A	Z	0	65.04
24	MP3A	Mx	.018	65.04
25	MP3B	X	-29.148	26.4
26	MP3B	Z	0	26.4
27	MP3B	Mx	-.03	26.4
28	MP3B	X	-29.148	65.04
29	MP3B	Z	0	65.04
30	MP3B	Mx	-.03	65.04
31	MP3C	X	-29.148	26.4
32	MP3C	Z	0	26.4
33	MP3C	Mx	-.03	26.4
34	MP3C	X	-29.148	65.04
35	MP3C	Z	0	65.04
36	MP3C	Mx	-.03	65.04
37	MP3A	X	-2.428	12
38	MP3A	Z	0	12
39	MP3A	Mx	-.000956	12
40	MP3B	X	-3.179	12
41	MP3B	Z	0	12
42	MP3B	Mx	.000221	12
43	MP3C	X	-2.734	12
44	MP3C	Z	0	12
45	MP3C	Mx	.000838	12
46	MP3A	X	-9.299	33.48
47	MP3A	Z	0	33.48
48	MP3A	Mx	-.008	33.48
49	MP3B	X	-13.073	33.48
50	MP3B	Z	0	33.48
51	MP3B	Mx	.002	33.48
52	MP3C	X	-10.837	33.48
53	MP3C	Z	0	33.48
54	MP3C	Mx	.007	33.48
55	MP3A	X	-7.819	49.92
56	MP3A	Z	0	49.92
57	MP3A	Mx	-.006	49.92
58	MP3B	X	-13.027	49.92
59	MP3B	Z	0	49.92
60	MP3B	Mx	.002	49.92
61	MP3C	X	-9.942	49.92
62	MP3C	Z	0	49.92
63	MP3C	Mx	.006	49.92

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
64	MP2A	X	-6.295	33.48
65	MP2A	Z	0	33.48
66	MP2A	Mx	.003	33.48
67	MP2A	X	-6.295	57.48
68	MP2A	Z	0	57.48
69	MP2A	Mx	.003	57.48
70	MP2B	X	-14.116	33.48
71	MP2B	Z	0	33.48
72	MP2B	Mx	-.001	33.48
73	MP2B	X	-14.116	57.48
74	MP2B	Z	0	57.48
75	MP2B	Mx	-.001	57.48
76	MP2C	X	-9.483	33.48
77	MP2C	Z	0	33.48
78	MP2C	Mx	-.004	33.48
79	MP2C	X	-9.483	57.48
80	MP2C	Z	0	57.48
81	MP2C	Mx	-.004	57.48
82	M134	X	-21.38	12
83	M134	Z	0	12
84	M134	Mx	.023	12

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP3A	X	-20.733	26.4
2	MP3A	Z	-11.97	26.4
3	MP3A	Mx	-.000376	26.4
4	MP3A	X	-20.733	65.04
5	MP3A	Z	-11.97	65.04
6	MP3A	Mx	-.000376	65.04
7	MP3B	X	-24.539	26.4
8	MP3B	Z	-14.168	26.4
9	MP3B	Mx	.031	26.4
10	MP3B	X	-24.539	65.04
11	MP3B	Z	-14.168	65.04
12	MP3B	Mx	.031	65.04
13	MP3C	X	-24.539	26.4
14	MP3C	Z	-14.168	26.4
15	MP3C	Mx	.031	26.4
16	MP3C	X	-24.539	65.04
17	MP3C	Z	-14.168	65.04
18	MP3C	Mx	.031	65.04
19	MP3A	X	-20.733	26.4
20	MP3A	Z	-11.97	26.4
21	MP3A	Mx	.028	26.4
22	MP3A	X	-20.733	65.04
23	MP3A	Z	-11.97	65.04
24	MP3A	Mx	.028	65.04
25	MP3B	X	-24.539	26.4
26	MP3B	Z	-14.168	26.4
27	MP3B	Mx	-.017	26.4
28	MP3B	X	-24.539	65.04
29	MP3B	Z	-14.168	65.04
30	MP3B	Mx	-.017	65.04
31	MP3C	X	-24.539	26.4
32	MP3C	Z	-14.168	26.4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
33	MP3C	Mx	-.017	26.4
34	MP3C	X	-24.539	65.04
35	MP3C	Z	-14.168	65.04
36	MP3C	Mx	-.017	65.04
37	MP3A	X	-2.368	12
38	MP3A	Z	-1.367	12
39	MP3A	Mx	-.000838	12
40	MP3B	X	-2.693	12
41	MP3B	Z	-1.555	12
42	MP3B	Mx	-.000425	12
43	MP3C	X	-2.103	12
44	MP3C	Z	-1.214	12
45	MP3C	Mx	.000957	12
46	MP3A	X	-9.385	33.48
47	MP3A	Z	-5.419	33.48
48	MP3A	Mx	-.007	33.48
49	MP3B	X	-11.019	33.48
50	MP3B	Z	-6.362	33.48
51	MP3B	Mx	-.004	33.48
52	MP3C	X	-8.053	33.48
53	MP3C	Z	-4.649	33.48
54	MP3C	Mx	.008	33.48
55	MP3A	X	-8.61	49.92
56	MP3A	Z	-4.971	49.92
57	MP3A	Mx	-.006	49.92
58	MP3B	X	-10.865	49.92
59	MP3B	Z	-6.273	49.92
60	MP3B	Mx	-.003	49.92
61	MP3C	X	-6.771	49.92
62	MP3C	Z	-3.91	49.92
63	MP3C	Mx	.006	49.92
64	MP2A	X	-8.213	33.48
65	MP2A	Z	-4.742	33.48
66	MP2A	Mx	.004	33.48
67	MP2A	X	-8.213	57.48
68	MP2A	Z	-4.742	57.48
69	MP2A	Mx	.004	57.48
70	MP2B	X	-11.599	33.48
71	MP2B	Z	-6.697	33.48
72	MP2B	Mx	.002	33.48
73	MP2B	X	-11.599	57.48
74	MP2B	Z	-6.697	57.48
75	MP2B	Mx	.002	57.48
76	MP2C	X	-5.452	33.48
77	MP2C	Z	-3.148	33.48
78	MP2C	Mx	-.003	33.48
79	MP2C	X	-5.452	57.48
80	MP2C	Z	-3.148	57.48
81	MP2C	Mx	-.003	57.48
82	M134	X	-20.476	12
83	M134	Z	-11.822	12
84	M134	Mx	.02	12

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP3A	X	-14.168	26.4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
2	MP3A	Z	-24.539	26.4
3	MP3A	Mx	-.017	26.4
4	MP3A	X	-14.168	65.04
5	MP3A	Z	-24.539	65.04
6	MP3A	Mx	-.017	65.04
7	MP3B	X	-11.97	26.4
8	MP3B	Z	-20.733	26.4
9	MP3B	Mx	.028	26.4
10	MP3B	X	-11.97	65.04
11	MP3B	Z	-20.733	65.04
12	MP3B	Mx	.028	65.04
13	MP3C	X	-11.97	26.4
14	MP3C	Z	-20.733	26.4
15	MP3C	Mx	.028	26.4
16	MP3C	X	-11.97	65.04
17	MP3C	Z	-20.733	65.04
18	MP3C	Mx	.028	65.04
19	MP3A	X	-14.168	26.4
20	MP3A	Z	-24.539	26.4
21	MP3A	Mx	.031	26.4
22	MP3A	X	-14.168	65.04
23	MP3A	Z	-24.539	65.04
24	MP3A	Mx	.031	65.04
25	MP3B	X	-11.97	26.4
26	MP3B	Z	-20.733	26.4
27	MP3B	Mx	-.000376	26.4
28	MP3B	X	-11.97	65.04
29	MP3B	Z	-20.733	65.04
30	MP3B	Mx	-.000376	65.04
31	MP3C	X	-11.97	26.4
32	MP3C	Z	-20.733	26.4
33	MP3C	Mx	-.000376	26.4
34	MP3C	X	-11.97	65.04
35	MP3C	Z	-20.733	65.04
36	MP3C	Mx	-.000376	65.04
37	MP3A	X	-1.555	12
38	MP3A	Z	-2.693	12
39	MP3A	Mx	-.000425	12
40	MP3B	X	-1.367	12
41	MP3B	Z	-2.368	12
42	MP3B	Mx	-.000838	12
43	MP3C	X	-1.249	12
44	MP3C	Z	-2.163	12
45	MP3C	Mx	.000939	12
46	MP3A	X	-6.362	33.48
47	MP3A	Z	-11.019	33.48
48	MP3A	Mx	-.004	33.48
49	MP3B	X	-5.419	33.48
50	MP3B	Z	-9.385	33.48
51	MP3B	Mx	-.007	33.48
52	MP3C	X	-4.824	33.48
53	MP3C	Z	-8.355	33.48
54	MP3C	Mx	.008	33.48
55	MP3A	X	-6.273	49.92
56	MP3A	Z	-10.865	49.92
57	MP3A	Mx	-.003	49.92
58	MP3B	X	-4.971	49.92

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
59	MP3B	Z	-8.61	49.92
60	MP3B	Mx	-.006	49.92
61	MP3C	X	-4.15	49.92
62	MP3C	Z	-7.188	49.92
63	MP3C	Mx	.006	49.92
64	MP2A	X	-6.697	33.48
65	MP2A	Z	-11.599	33.48
66	MP2A	Mx	.002	33.48
67	MP2A	X	-6.697	57.48
68	MP2A	Z	-11.599	57.48
69	MP2A	Mx	.002	57.48
70	MP2B	X	-4.742	33.48
71	MP2B	Z	-8.213	33.48
72	MP2B	Mx	.004	33.48
73	MP2B	X	-4.742	57.48
74	MP2B	Z	-8.213	57.48
75	MP2B	Mx	.004	57.48
76	MP2C	X	-3.509	33.48
77	MP2C	Z	-6.078	33.48
78	MP2C	Mx	-.003	33.48
79	MP2C	X	-3.509	57.48
80	MP2C	Z	-6.078	57.48
81	MP2C	Mx	-.003	57.48
82	M134	X	-13.211	12
83	M134	Z	-22.881	12
84	M134	Mx	.01	12

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP3A	X	0	26.4
2	MP3A	Z	-9.567	26.4
3	MP3A	Mx	-.01	26.4
4	MP3A	X	0	65.04
5	MP3A	Z	-9.567	65.04
6	MP3A	Mx	-.01	65.04
7	MP3B	X	0	26.4
8	MP3B	Z	-6.449	26.4
9	MP3B	Mx	.006	26.4
10	MP3B	X	0	65.04
11	MP3B	Z	-6.449	65.04
12	MP3B	Mx	.006	65.04
13	MP3C	X	0	26.4
14	MP3C	Z	-6.449	26.4
15	MP3C	Mx	.006	26.4
16	MP3C	X	0	65.04
17	MP3C	Z	-6.449	65.04
18	MP3C	Mx	.006	65.04
19	MP3A	X	0	26.4
20	MP3A	Z	-9.567	26.4
21	MP3A	Mx	.007	26.4
22	MP3A	X	0	65.04
23	MP3A	Z	-9.567	65.04
24	MP3A	Mx	.007	65.04
25	MP3B	X	0	26.4
26	MP3B	Z	-6.449	26.4
27	MP3B	Mx	.004	26.4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
28	MP3B	X	0	65.04
29	MP3B	Z	-6.449	65.04
30	MP3B	Mx	.004	65.04
31	MP3C	X	0	26.4
32	MP3C	Z	-6.449	26.4
33	MP3C	Mx	.004	26.4
34	MP3C	X	0	65.04
35	MP3C	Z	-6.449	65.04
36	MP3C	Mx	.004	65.04
37	MP3A	X	0	12
38	MP3A	Z	-.778	12
39	MP3A	Mx	5.4e-5	12
40	MP3B	X	0	12
41	MP3B	Z	-.551	12
42	MP3B	Mx	-.000217	12
43	MP3C	X	0	12
44	MP3C	Z	-.685	12
45	MP3C	Mx	.000176	12
46	MP3A	X	0	33.48
47	MP3A	Z	-3.929	33.48
48	MP3A	Mx	.000569	33.48
49	MP3B	X	0	33.48
50	MP3B	Z	-2.693	33.48
51	MP3B	Mx	-.002	33.48
52	MP3C	X	0	33.48
53	MP3C	Z	-3.425	33.48
54	MP3C	Mx	.002	33.48
55	MP3A	X	0	49.92
56	MP3A	Z	-3.914	49.92
57	MP3A	Mx	.00051	49.92
58	MP3B	X	0	49.92
59	MP3B	Z	-2.204	49.92
60	MP3B	Mx	-.002	49.92
61	MP3C	X	0	49.92
62	MP3C	Z	-3.217	49.92
63	MP3C	Mx	.002	49.92
64	MP2A	X	0	33.48
65	MP2A	Z	-4.478	33.48
66	MP2A	Mx	-.000389	33.48
67	MP2A	X	0	57.48
68	MP2A	Z	-4.478	57.48
69	MP2A	Mx	-.000389	57.48
70	MP2B	X	0	33.48
71	MP2B	Z	-1.839	33.48
72	MP2B	Mx	.000906	33.48
73	MP2B	X	0	57.48
74	MP2B	Z	-1.839	57.48
75	MP2B	Mx	.000906	57.48
76	MP2C	X	0	33.48
77	MP2C	Z	-3.402	33.48
78	MP2C	Mx	-.001	33.48
79	MP2C	X	0	57.48
80	MP2C	Z	-3.402	57.48
81	MP2C	Mx	-.001	57.48
82	M134	X	0	12
83	M134	Z	-8.555	12
84	M134	Mx	-.002	12

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP3A	X	4.148	26.4
2	MP3A	Z	-7.185	26.4
3	MP3A	Mx	-.01	26.4
4	MP3A	X	4.148	65.04
5	MP3A	Z	-7.185	65.04
6	MP3A	Mx	-.01	65.04
7	MP3B	X	3.369	26.4
8	MP3B	Z	-5.835	26.4
9	MP3B	Mx	.003	26.4
10	MP3B	X	3.369	65.04
11	MP3B	Z	-5.835	65.04
12	MP3B	Mx	.003	65.04
13	MP3C	X	3.369	26.4
14	MP3C	Z	-5.835	26.4
15	MP3C	Mx	.003	26.4
16	MP3C	X	3.369	65.04
17	MP3C	Z	-5.835	65.04
18	MP3C	Mx	.003	65.04
19	MP3A	X	4.148	26.4
20	MP3A	Z	-7.185	26.4
21	MP3A	Mx	.002	26.4
22	MP3A	X	4.148	65.04
23	MP3A	Z	-7.185	65.04
24	MP3A	Mx	.002	65.04
25	MP3B	X	3.369	26.4
26	MP3B	Z	-5.835	26.4
27	MP3B	Mx	.007	26.4
28	MP3B	X	3.369	65.04
29	MP3B	Z	-5.835	65.04
30	MP3B	Mx	.007	65.04
31	MP3C	X	3.369	26.4
32	MP3C	Z	-5.835	26.4
33	MP3C	Mx	.007	26.4
34	MP3C	X	3.369	65.04
35	MP3C	Z	-5.835	65.04
36	MP3C	Mx	.007	65.04
37	MP3A	X	.343	12
38	MP3A	Z	-.593	12
39	MP3A	Mx	.000176	12
40	MP3B	X	.286	12
41	MP3B	Z	-.495	12
42	MP3B	Mx	-.000215	12
43	MP3C	X	.389	12
44	MP3C	Z	-.674	12
45	MP3C	Mx	5.4e-5	12
46	MP3A	X	1.713	33.48
47	MP3A	Z	-2.966	33.48
48	MP3A	Mx	.002	33.48
49	MP3B	X	1.403	33.48
50	MP3B	Z	-2.431	33.48
51	MP3B	Mx	-.002	33.48
52	MP3C	X	1.965	33.48
53	MP3C	Z	-3.403	33.48
54	MP3C	Mx	.000568	33.48
55	MP3A	X	1.608	49.92
56	MP3A	Z	-2.786	49.92
57	MP3A	Mx	.002	49.92

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
58	MP3B	X	1.181	49.92
59	MP3B	Z	-2.045	49.92
60	MP3B	Mx	-.002	49.92
61	MP3C	X	1.957	49.92
62	MP3C	Z	-3.39	49.92
63	MP3C	Mx	.00051	49.92
64	MP2A	X	1.701	33.48
65	MP2A	Z	-2.947	33.48
66	MP2A	Mx	-.001	33.48
67	MP2A	X	1.701	57.48
68	MP2A	Z	-2.947	57.48
69	MP2A	Mx	-.001	57.48
70	MP2B	X	1.041	33.48
71	MP2B	Z	-1.804	33.48
72	MP2B	Mx	.000979	33.48
73	MP2B	X	1.041	57.48
74	MP2B	Z	-1.804	57.48
75	MP2B	Mx	.000979	57.48
76	MP2C	X	2.239	33.48
77	MP2C	Z	-3.878	33.48
78	MP2C	Mx	-.000389	33.48
79	MP2C	X	2.239	57.48
80	MP2C	Z	-3.878	57.48
81	MP2C	Mx	-.000389	57.48
82	M134	X	3.886	12
83	M134	Z	-6.731	12
84	M134	Mx	-.005	12

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP3A	X	5.835	26.4
2	MP3A	Z	-3.369	26.4
3	MP3A	Mx	-.007	26.4
4	MP3A	X	5.835	65.04
5	MP3A	Z	-3.369	65.04
6	MP3A	Mx	-.007	65.04
7	MP3B	X	7.185	26.4
8	MP3B	Z	-4.148	26.4
9	MP3B	Mx	-.002	26.4
10	MP3B	X	7.185	65.04
11	MP3B	Z	-4.148	65.04
12	MP3B	Mx	-.002	65.04
13	MP3C	X	7.185	26.4
14	MP3C	Z	-4.148	26.4
15	MP3C	Mx	-.002	26.4
16	MP3C	X	7.185	65.04
17	MP3C	Z	-4.148	65.04
18	MP3C	Mx	-.002	65.04
19	MP3A	X	5.835	26.4
20	MP3A	Z	-3.369	26.4
21	MP3A	Mx	-.003	26.4
22	MP3A	X	5.835	65.04
23	MP3A	Z	-3.369	65.04
24	MP3A	Mx	-.003	65.04
25	MP3B	X	7.185	26.4
26	MP3B	Z	-4.148	26.4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
27	MP3B	Mx	.01	26.4
28	MP3B	X	7.185	65.04
29	MP3B	Z	-4.148	65.04
30	MP3B	Mx	.01	65.04
31	MP3C	X	7.185	26.4
32	MP3C	Z	-4.148	26.4
33	MP3C	Mx	.01	26.4
34	MP3C	X	7.185	65.04
35	MP3C	Z	-4.148	65.04
36	MP3C	Mx	.01	65.04
37	MP3A	X	.495	12
38	MP3A	Z	-.286	12
39	MP3A	Mx	.000215	12
40	MP3B	X	.593	12
41	MP3B	Z	-.343	12
42	MP3B	Mx	-.000176	12
43	MP3C	X	.656	12
44	MP3C	Z	-.378	12
45	MP3C	Mx	-.000104	12
46	MP3A	X	2.431	33.48
47	MP3A	Z	-1.403	33.48
48	MP3A	Mx	.002	33.48
49	MP3B	X	2.966	33.48
50	MP3B	Z	-1.713	33.48
51	MP3B	Mx	-.002	33.48
52	MP3C	X	3.304	33.48
53	MP3C	Z	-1.907	33.48
54	MP3C	Mx	-.001	33.48
55	MP3A	X	2.045	49.92
56	MP3A	Z	-1.181	49.92
57	MP3A	Mx	.002	49.92
58	MP3B	X	2.786	49.92
59	MP3B	Z	-1.608	49.92
60	MP3B	Mx	-.002	49.92
61	MP3C	X	3.253	49.92
62	MP3C	Z	-1.878	49.92
63	MP3C	Mx	-.000964	49.92
64	MP2A	X	1.804	33.48
65	MP2A	Z	-1.041	33.48
66	MP2A	Mx	-.000979	33.48
67	MP2A	X	1.804	57.48
68	MP2A	Z	-1.041	57.48
69	MP2A	Mx	-.000979	57.48
70	MP2B	X	2.947	33.48
71	MP2B	Z	-1.701	33.48
72	MP2B	Mx	.001	33.48
73	MP2B	X	2.947	57.48
74	MP2B	Z	-1.701	57.48
75	MP2B	Mx	.001	57.48
76	MP2C	X	3.667	33.48
77	MP2C	Z	-2.117	33.48
78	MP2C	Mx	.000724	33.48
79	MP2C	X	3.667	57.48
80	MP2C	Z	-2.117	57.48
81	MP2C	Mx	.000724	57.48
82	M134	X	5.9	12
83	M134	Z	-3.406	12

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
84	M134	Mx	-.007	12

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP3A	X	6.449	26.4
2	MP3A	Z	0	26.4
3	MP3A	Mx	-.004	26.4
4	MP3A	X	6.449	65.04
5	MP3A	Z	0	65.04
6	MP3A	Mx	-.004	65.04
7	MP3B	X	9.567	26.4
8	MP3B	Z	0	26.4
9	MP3B	Mx	-.007	26.4
10	MP3B	X	9.567	65.04
11	MP3B	Z	0	65.04
12	MP3B	Mx	-.007	65.04
13	MP3C	X	9.567	26.4
14	MP3C	Z	0	26.4
15	MP3C	Mx	-.007	26.4
16	MP3C	X	9.567	65.04
17	MP3C	Z	0	65.04
18	MP3C	Mx	-.007	65.04
19	MP3A	X	6.449	26.4
20	MP3A	Z	0	26.4
21	MP3A	Mx	-.006	26.4
22	MP3A	X	6.449	65.04
23	MP3A	Z	0	65.04
24	MP3A	Mx	-.006	65.04
25	MP3B	X	9.567	26.4
26	MP3B	Z	0	26.4
27	MP3B	Mx	.01	26.4
28	MP3B	X	9.567	65.04
29	MP3B	Z	0	65.04
30	MP3B	Mx	.01	65.04
31	MP3C	X	9.567	26.4
32	MP3C	Z	0	26.4
33	MP3C	Mx	.01	26.4
34	MP3C	X	9.567	65.04
35	MP3C	Z	0	65.04
36	MP3C	Mx	.01	65.04
37	MP3A	X	.551	12
38	MP3A	Z	0	12
39	MP3A	Mx	.000217	12
40	MP3B	X	.778	12
41	MP3B	Z	0	12
42	MP3B	Mx	-5.4e-5	12
43	MP3C	X	.643	12
44	MP3C	Z	0	12
45	MP3C	Mx	-.000197	12
46	MP3A	X	2.693	33.48
47	MP3A	Z	0	33.48
48	MP3A	Mx	.002	33.48
49	MP3B	X	3.929	33.48
50	MP3B	Z	0	33.48
51	MP3B	Mx	-.000569	33.48
52	MP3C	X	3.197	33.48

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
53	MP3C	Z	0	33.48
54	MP3C	Mx	-.002	33.48
55	MP3A	X	2.204	49.92
56	MP3A	Z	0	49.92
57	MP3A	Mx	.002	49.92
58	MP3B	X	3.914	49.92
59	MP3B	Z	0	49.92
60	MP3B	Mx	-.00051	49.92
61	MP3C	X	2.901	49.92
62	MP3C	Z	0	49.92
63	MP3C	Mx	-.002	49.92
64	MP2A	X	1.839	33.48
65	MP2A	Z	0	33.48
66	MP2A	Mx	-.000906	33.48
67	MP2A	X	1.839	57.48
68	MP2A	Z	0	57.48
69	MP2A	Mx	-.000906	57.48
70	MP2B	X	4.478	33.48
71	MP2B	Z	0	33.48
72	MP2B	Mx	.000389	33.48
73	MP2B	X	4.478	57.48
74	MP2B	Z	0	57.48
75	MP2B	Mx	.000389	57.48
76	MP2C	X	2.915	33.48
77	MP2C	Z	0	33.48
78	MP2C	Mx	.001	33.48
79	MP2C	X	2.915	57.48
80	MP2C	Z	0	57.48
81	MP2C	Mx	.001	57.48
82	M134	X	6.635	12
83	M134	Z	0	12
84	M134	Mx	-.007	12

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP3A	X	6.686	26.4
2	MP3A	Z	3.86	26.4
3	MP3A	Mx	.000121	26.4
4	MP3A	X	6.686	65.04
5	MP3A	Z	3.86	65.04
6	MP3A	Mx	.000121	65.04
7	MP3B	X	8.036	26.4
8	MP3B	Z	4.64	26.4
9	MP3B	Mx	-.01	26.4
10	MP3B	X	8.036	65.04
11	MP3B	Z	4.64	65.04
12	MP3B	Mx	-.01	65.04
13	MP3C	X	8.036	26.4
14	MP3C	Z	4.64	26.4
15	MP3C	Mx	-.01	26.4
16	MP3C	X	8.036	65.04
17	MP3C	Z	4.64	65.04
18	MP3C	Mx	-.01	65.04
19	MP3A	X	6.686	26.4
20	MP3A	Z	3.86	26.4
21	MP3A	Mx	-.009	26.4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
22	MP3A	X	6.686	65.04
23	MP3A	Z	3.86	65.04
24	MP3A	Mx	-.009	65.04
25	MP3B	X	8.036	26.4
26	MP3B	Z	4.64	26.4
27	MP3B	Mx	.006	26.4
28	MP3B	X	8.036	65.04
29	MP3B	Z	4.64	65.04
30	MP3B	Mx	.006	65.04
31	MP3C	X	8.036	26.4
32	MP3C	Z	4.64	26.4
33	MP3C	Mx	.006	26.4
34	MP3C	X	8.036	65.04
35	MP3C	Z	4.64	65.04
36	MP3C	Mx	.006	65.04
37	MP3A	X	.557	12
38	MP3A	Z	.322	12
39	MP3A	Mx	.000197	12
40	MP3B	X	.656	12
41	MP3B	Z	.378	12
42	MP3B	Mx	.000103	12
43	MP3C	X	.477	12
44	MP3C	Z	.275	12
45	MP3C	Mx	-.000217	12
46	MP3A	X	2.768	33.48
47	MP3A	Z	1.598	33.48
48	MP3A	Mx	.002	33.48
49	MP3B	X	3.304	33.48
50	MP3B	Z	1.907	33.48
51	MP3B	Mx	.001	33.48
52	MP3C	X	2.332	33.48
53	MP3C	Z	1.346	33.48
54	MP3C	Mx	-.002	33.48
55	MP3A	X	2.512	49.92
56	MP3A	Z	1.45	49.92
57	MP3A	Mx	.002	49.92
58	MP3B	X	3.253	49.92
59	MP3B	Z	1.878	49.92
60	MP3B	Mx	.000963	49.92
61	MP3C	X	1.908	49.92
62	MP3C	Z	1.102	49.92
63	MP3C	Mx	-.002	49.92
64	MP2A	X	2.524	33.48
65	MP2A	Z	1.457	33.48
66	MP2A	Mx	-.001	33.48
67	MP2A	X	2.524	57.48
68	MP2A	Z	1.457	57.48
69	MP2A	Mx	-.001	57.48
70	MP2B	X	3.667	33.48
71	MP2B	Z	2.117	33.48
72	MP2B	Mx	-.000724	33.48
73	MP2B	X	3.667	57.48
74	MP2B	Z	2.117	57.48
75	MP2B	Mx	-.000724	57.48
76	MP2C	X	1.592	33.48
77	MP2C	Z	.919	33.48
78	MP2C	Mx	.000905	33.48

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
79	MP2C	X	1.592	57.48
80	MP2C	Z	.919	57.48
81	MP2C	Mx	.000905	57.48
82	M134	X	6.424	12
83	M134	Z	3.709	12
84	M134	Mx	-.006	12

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP3A	X	4.64	26.4
2	MP3A	Z	8.036	26.4
3	MP3A	Mx	.006	26.4
4	MP3A	X	4.64	65.04
5	MP3A	Z	8.036	65.04
6	MP3A	Mx	.006	65.04
7	MP3B	X	3.86	26.4
8	MP3B	Z	6.686	26.4
9	MP3B	Mx	-.009	26.4
10	MP3B	X	3.86	65.04
11	MP3B	Z	6.686	65.04
12	MP3B	Mx	-.009	65.04
13	MP3C	X	3.86	26.4
14	MP3C	Z	6.686	26.4
15	MP3C	Mx	-.009	26.4
16	MP3C	X	3.86	65.04
17	MP3C	Z	6.686	65.04
18	MP3C	Mx	-.009	65.04
19	MP3A	X	4.64	26.4
20	MP3A	Z	8.036	26.4
21	MP3A	Mx	-.01	26.4
22	MP3A	X	4.64	65.04
23	MP3A	Z	8.036	65.04
24	MP3A	Mx	-.01	65.04
25	MP3B	X	3.86	26.4
26	MP3B	Z	6.686	26.4
27	MP3B	Mx	.000121	26.4
28	MP3B	X	3.86	65.04
29	MP3B	Z	6.686	65.04
30	MP3B	Mx	.000121	65.04
31	MP3C	X	3.86	26.4
32	MP3C	Z	6.686	26.4
33	MP3C	Mx	.000121	26.4
34	MP3C	X	3.86	65.04
35	MP3C	Z	6.686	65.04
36	MP3C	Mx	.000121	65.04
37	MP3A	X	.378	12
38	MP3A	Z	.656	12
39	MP3A	Mx	.000103	12
40	MP3B	X	.322	12
41	MP3B	Z	.557	12
42	MP3B	Mx	.000197	12
43	MP3C	X	.286	12
44	MP3C	Z	.495	12
45	MP3C	Mx	-.000215	12
46	MP3A	X	1.907	33.48
47	MP3A	Z	3.304	33.48

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
48	MP3A	Mx	.001	33.48
49	MP3B	X	1.598	33.48
50	MP3B	Z	2.768	33.48
51	MP3B	Mx	.002	33.48
52	MP3C	X	1.403	33.48
53	MP3C	Z	2.431	33.48
54	MP3C	Mx	-.002	33.48
55	MP3A	X	1.878	49.92
56	MP3A	Z	3.253	49.92
57	MP3A	Mx	.000963	49.92
58	MP3B	X	1.45	49.92
59	MP3B	Z	2.512	49.92
60	MP3B	Mx	.002	49.92
61	MP3C	X	1.181	49.92
62	MP3C	Z	2.045	49.92
63	MP3C	Mx	-.002	49.92
64	MP2A	X	2.117	33.48
65	MP2A	Z	3.667	33.48
66	MP2A	Mx	-.000724	33.48
67	MP2A	X	2.117	57.48
68	MP2A	Z	3.667	57.48
69	MP2A	Mx	-.000724	57.48
70	MP2B	X	1.457	33.48
71	MP2B	Z	2.524	33.48
72	MP2B	Mx	-.001	33.48
73	MP2B	X	1.457	57.48
74	MP2B	Z	2.524	57.48
75	MP2B	Mx	-.001	57.48
76	MP2C	X	1.041	33.48
77	MP2C	Z	1.804	33.48
78	MP2C	Mx	.000979	33.48
79	MP2C	X	1.041	57.48
80	MP2C	Z	1.804	57.48
81	MP2C	Mx	.000979	57.48
82	M134	X	4.189	12
83	M134	Z	7.255	12
84	M134	Mx	-.003	12

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP3A	X	0	26.4
2	MP3A	Z	9.567	26.4
3	MP3A	Mx	.01	26.4
4	MP3A	X	0	65.04
5	MP3A	Z	9.567	65.04
6	MP3A	Mx	.01	65.04
7	MP3B	X	0	26.4
8	MP3B	Z	6.449	26.4
9	MP3B	Mx	-.006	26.4
10	MP3B	X	0	65.04
11	MP3B	Z	6.449	65.04
12	MP3B	Mx	-.006	65.04
13	MP3C	X	0	26.4
14	MP3C	Z	6.449	26.4
15	MP3C	Mx	-.006	26.4
16	MP3C	X	0	65.04

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
17	MP3C	Z	6.449	65.04
18	MP3C	Mx	-.006	65.04
19	MP3A	X	0	26.4
20	MP3A	Z	9.567	26.4
21	MP3A	Mx	-.007	26.4
22	MP3A	X	0	65.04
23	MP3A	Z	9.567	65.04
24	MP3A	Mx	-.007	65.04
25	MP3B	X	0	26.4
26	MP3B	Z	6.449	26.4
27	MP3B	Mx	-.004	26.4
28	MP3B	X	0	65.04
29	MP3B	Z	6.449	65.04
30	MP3B	Mx	-.004	65.04
31	MP3C	X	0	26.4
32	MP3C	Z	6.449	26.4
33	MP3C	Mx	-.004	26.4
34	MP3C	X	0	65.04
35	MP3C	Z	6.449	65.04
36	MP3C	Mx	-.004	65.04
37	MP3A	X	0	12
38	MP3A	Z	.778	12
39	MP3A	Mx	-5.4e-5	12
40	MP3B	X	0	12
41	MP3B	Z	.551	12
42	MP3B	Mx	.000217	12
43	MP3C	X	0	12
44	MP3C	Z	.685	12
45	MP3C	Mx	-.000176	12
46	MP3A	X	0	33.48
47	MP3A	Z	3.929	33.48
48	MP3A	Mx	-.000569	33.48
49	MP3B	X	0	33.48
50	MP3B	Z	2.693	33.48
51	MP3B	Mx	.002	33.48
52	MP3C	X	0	33.48
53	MP3C	Z	3.425	33.48
54	MP3C	Mx	-.002	33.48
55	MP3A	X	0	49.92
56	MP3A	Z	3.914	49.92
57	MP3A	Mx	-.00051	49.92
58	MP3B	X	0	49.92
59	MP3B	Z	2.204	49.92
60	MP3B	Mx	.002	49.92
61	MP3C	X	0	49.92
62	MP3C	Z	3.217	49.92
63	MP3C	Mx	-.002	49.92
64	MP2A	X	0	33.48
65	MP2A	Z	4.478	33.48
66	MP2A	Mx	.000389	33.48
67	MP2A	X	0	57.48
68	MP2A	Z	4.478	57.48
69	MP2A	Mx	.000389	57.48
70	MP2B	X	0	33.48
71	MP2B	Z	1.839	33.48
72	MP2B	Mx	-.000906	33.48
73	MP2B	X	0	57.48

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
74	MP2B	Z	1.839	57.48
75	MP2B	Mx	-.000906	57.48
76	MP2C	X	0	33.48
77	MP2C	Z	3.402	33.48
78	MP2C	Mx	.001	33.48
79	MP2C	X	0	57.48
80	MP2C	Z	3.402	57.48
81	MP2C	Mx	.001	57.48
82	M134	X	0	12
83	M134	Z	8.555	12
84	M134	Mx	.002	12

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP3A	X	-4.148	26.4
2	MP3A	Z	7.185	26.4
3	MP3A	Mx	.01	26.4
4	MP3A	X	-4.148	65.04
5	MP3A	Z	7.185	65.04
6	MP3A	Mx	.01	65.04
7	MP3B	X	-3.369	26.4
8	MP3B	Z	5.835	26.4
9	MP3B	Mx	-.003	26.4
10	MP3B	X	-3.369	65.04
11	MP3B	Z	5.835	65.04
12	MP3B	Mx	-.003	65.04
13	MP3C	X	-3.369	26.4
14	MP3C	Z	5.835	26.4
15	MP3C	Mx	-.003	26.4
16	MP3C	X	-3.369	65.04
17	MP3C	Z	5.835	65.04
18	MP3C	Mx	-.003	65.04
19	MP3A	X	-4.148	26.4
20	MP3A	Z	7.185	26.4
21	MP3A	Mx	-.002	26.4
22	MP3A	X	-4.148	65.04
23	MP3A	Z	7.185	65.04
24	MP3A	Mx	-.002	65.04
25	MP3B	X	-3.369	26.4
26	MP3B	Z	5.835	26.4
27	MP3B	Mx	-.007	26.4
28	MP3B	X	-3.369	65.04
29	MP3B	Z	5.835	65.04
30	MP3B	Mx	-.007	65.04
31	MP3C	X	-3.369	26.4
32	MP3C	Z	5.835	26.4
33	MP3C	Mx	-.007	26.4
34	MP3C	X	-3.369	65.04
35	MP3C	Z	5.835	65.04
36	MP3C	Mx	-.007	65.04
37	MP3A	X	-.343	12
38	MP3A	Z	.593	12
39	MP3A	Mx	-.000176	12
40	MP3B	X	-.286	12
41	MP3B	Z	.495	12
42	MP3B	Mx	.000215	12

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
43	MP3C	X	-.389	12
44	MP3C	Z	.674	12
45	MP3C	Mx	-5.4e-5	12
46	MP3A	X	-1.713	33.48
47	MP3A	Z	2.966	33.48
48	MP3A	Mx	-.002	33.48
49	MP3B	X	-1.403	33.48
50	MP3B	Z	2.431	33.48
51	MP3B	Mx	.002	33.48
52	MP3C	X	-1.965	33.48
53	MP3C	Z	3.403	33.48
54	MP3C	Mx	-.000568	33.48
55	MP3A	X	-1.608	49.92
56	MP3A	Z	2.786	49.92
57	MP3A	Mx	-.002	49.92
58	MP3B	X	-1.181	49.92
59	MP3B	Z	2.045	49.92
60	MP3B	Mx	.002	49.92
61	MP3C	X	-1.957	49.92
62	MP3C	Z	3.39	49.92
63	MP3C	Mx	-.00051	49.92
64	MP2A	X	-1.701	33.48
65	MP2A	Z	2.947	33.48
66	MP2A	Mx	.001	33.48
67	MP2A	X	-1.701	57.48
68	MP2A	Z	2.947	57.48
69	MP2A	Mx	.001	57.48
70	MP2B	X	-1.041	33.48
71	MP2B	Z	1.804	33.48
72	MP2B	Mx	-.000979	33.48
73	MP2B	X	-1.041	57.48
74	MP2B	Z	1.804	57.48
75	MP2B	Mx	-.000979	57.48
76	MP2C	X	-2.239	33.48
77	MP2C	Z	3.878	33.48
78	MP2C	Mx	.000389	33.48
79	MP2C	X	-2.239	57.48
80	MP2C	Z	3.878	57.48
81	MP2C	Mx	.000389	57.48
82	M134	X	-3.886	12
83	M134	Z	6.731	12
84	M134	Mx	.005	12

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP3A	X	-5.835	26.4
2	MP3A	Z	3.369	26.4
3	MP3A	Mx	.007	26.4
4	MP3A	X	-5.835	65.04
5	MP3A	Z	3.369	65.04
6	MP3A	Mx	.007	65.04
7	MP3B	X	-7.185	26.4
8	MP3B	Z	4.148	26.4
9	MP3B	Mx	.002	26.4
10	MP3B	X	-7.185	65.04
11	MP3B	Z	4.148	65.04

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
12	MP3B	Mx	.002	65.04
13	MP3C	X	-7.185	26.4
14	MP3C	Z	4.148	26.4
15	MP3C	Mx	.002	26.4
16	MP3C	X	-7.185	65.04
17	MP3C	Z	4.148	65.04
18	MP3C	Mx	.002	65.04
19	MP3A	X	-5.835	26.4
20	MP3A	Z	3.369	26.4
21	MP3A	Mx	.003	26.4
22	MP3A	X	-5.835	65.04
23	MP3A	Z	3.369	65.04
24	MP3A	Mx	.003	65.04
25	MP3B	X	-7.185	26.4
26	MP3B	Z	4.148	26.4
27	MP3B	Mx	-.01	26.4
28	MP3B	X	-7.185	65.04
29	MP3B	Z	4.148	65.04
30	MP3B	Mx	-.01	65.04
31	MP3C	X	-7.185	26.4
32	MP3C	Z	4.148	26.4
33	MP3C	Mx	-.01	26.4
34	MP3C	X	-7.185	65.04
35	MP3C	Z	4.148	65.04
36	MP3C	Mx	-.01	65.04
37	MP3A	X	-.495	12
38	MP3A	Z	.286	12
39	MP3A	Mx	-.000215	12
40	MP3B	X	-.593	12
41	MP3B	Z	.343	12
42	MP3B	Mx	.000176	12
43	MP3C	X	-.656	12
44	MP3C	Z	.378	12
45	MP3C	Mx	.000104	12
46	MP3A	X	-2.431	33.48
47	MP3A	Z	1.403	33.48
48	MP3A	Mx	-.002	33.48
49	MP3B	X	-2.966	33.48
50	MP3B	Z	1.713	33.48
51	MP3B	Mx	.002	33.48
52	MP3C	X	-3.304	33.48
53	MP3C	Z	1.907	33.48
54	MP3C	Mx	.001	33.48
55	MP3A	X	-2.045	49.92
56	MP3A	Z	1.181	49.92
57	MP3A	Mx	-.002	49.92
58	MP3B	X	-2.786	49.92
59	MP3B	Z	1.608	49.92
60	MP3B	Mx	.002	49.92
61	MP3C	X	-3.253	49.92
62	MP3C	Z	1.878	49.92
63	MP3C	Mx	.000964	49.92
64	MP2A	X	-1.804	33.48
65	MP2A	Z	1.041	33.48
66	MP2A	Mx	.000979	33.48
67	MP2A	X	-1.804	57.48
68	MP2A	Z	1.041	57.48

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
69	MP2A	Mx	.000979	57.48
70	MP2B	X	-2.947	33.48
71	MP2B	Z	1.701	33.48
72	MP2B	Mx	-.001	33.48
73	MP2B	X	-2.947	57.48
74	MP2B	Z	1.701	57.48
75	MP2B	Mx	-.001	57.48
76	MP2C	X	-3.667	33.48
77	MP2C	Z	2.117	33.48
78	MP2C	Mx	-.000724	33.48
79	MP2C	X	-3.667	57.48
80	MP2C	Z	2.117	57.48
81	MP2C	Mx	-.000724	57.48
82	M134	X	-5.9	12
83	M134	Z	3.406	12
84	M134	Mx	.007	12

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP3A	X	-6.449	26.4
2	MP3A	Z	0	26.4
3	MP3A	Mx	.004	26.4
4	MP3A	X	-6.449	65.04
5	MP3A	Z	0	65.04
6	MP3A	Mx	.004	65.04
7	MP3B	X	-9.567	26.4
8	MP3B	Z	0	26.4
9	MP3B	Mx	.007	26.4
10	MP3B	X	-9.567	65.04
11	MP3B	Z	0	65.04
12	MP3B	Mx	.007	65.04
13	MP3C	X	-9.567	26.4
14	MP3C	Z	0	26.4
15	MP3C	Mx	.007	26.4
16	MP3C	X	-9.567	65.04
17	MP3C	Z	0	65.04
18	MP3C	Mx	.007	65.04
19	MP3A	X	-6.449	26.4
20	MP3A	Z	0	26.4
21	MP3A	Mx	.006	26.4
22	MP3A	X	-6.449	65.04
23	MP3A	Z	0	65.04
24	MP3A	Mx	.006	65.04
25	MP3B	X	-9.567	26.4
26	MP3B	Z	0	26.4
27	MP3B	Mx	-.01	26.4
28	MP3B	X	-9.567	65.04
29	MP3B	Z	0	65.04
30	MP3B	Mx	-.01	65.04
31	MP3C	X	-9.567	26.4
32	MP3C	Z	0	26.4
33	MP3C	Mx	-.01	26.4
34	MP3C	X	-9.567	65.04
35	MP3C	Z	0	65.04
36	MP3C	Mx	-.01	65.04
37	MP3A	X	-.551	12

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
38	MP3A	Z	0	12
39	MP3A	Mx	-.000217	12
40	MP3B	X	-.778	12
41	MP3B	Z	0	12
42	MP3B	Mx	5.4e-5	12
43	MP3C	X	-.643	12
44	MP3C	Z	0	12
45	MP3C	Mx	.000197	12
46	MP3A	X	-2.693	33.48
47	MP3A	Z	0	33.48
48	MP3A	Mx	-.002	33.48
49	MP3B	X	-3.929	33.48
50	MP3B	Z	0	33.48
51	MP3B	Mx	.000569	33.48
52	MP3C	X	-3.197	33.48
53	MP3C	Z	0	33.48
54	MP3C	Mx	.002	33.48
55	MP3A	X	-2.204	49.92
56	MP3A	Z	0	49.92
57	MP3A	Mx	-.002	49.92
58	MP3B	X	-3.914	49.92
59	MP3B	Z	0	49.92
60	MP3B	Mx	.00051	49.92
61	MP3C	X	-2.901	49.92
62	MP3C	Z	0	49.92
63	MP3C	Mx	.002	49.92
64	MP2A	X	-1.839	33.48
65	MP2A	Z	0	33.48
66	MP2A	Mx	.000906	33.48
67	MP2A	X	-1.839	57.48
68	MP2A	Z	0	57.48
69	MP2A	Mx	.000906	57.48
70	MP2B	X	-4.478	33.48
71	MP2B	Z	0	33.48
72	MP2B	Mx	-.000389	33.48
73	MP2B	X	-4.478	57.48
74	MP2B	Z	0	57.48
75	MP2B	Mx	-.000389	57.48
76	MP2C	X	-2.915	33.48
77	MP2C	Z	0	33.48
78	MP2C	Mx	-.001	33.48
79	MP2C	X	-2.915	57.48
80	MP2C	Z	0	57.48
81	MP2C	Mx	-.001	57.48
82	M134	X	-6.635	12
83	M134	Z	0	12
84	M134	Mx	.007	12

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP3A	X	-6.686	26.4
2	MP3A	Z	-3.86	26.4
3	MP3A	Mx	-.000121	26.4
4	MP3A	X	-6.686	65.04
5	MP3A	Z	-3.86	65.04
6	MP3A	Mx	-.000121	65.04

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
7	MP3B	X	-8.036	26.4
8	MP3B	Z	-4.64	26.4
9	MP3B	Mx	.01	26.4
10	MP3B	X	-8.036	65.04
11	MP3B	Z	-4.64	65.04
12	MP3B	Mx	.01	65.04
13	MP3C	X	-8.036	26.4
14	MP3C	Z	-4.64	26.4
15	MP3C	Mx	.01	26.4
16	MP3C	X	-8.036	65.04
17	MP3C	Z	-4.64	65.04
18	MP3C	Mx	.01	65.04
19	MP3A	X	-6.686	26.4
20	MP3A	Z	-3.86	26.4
21	MP3A	Mx	.009	26.4
22	MP3A	X	-6.686	65.04
23	MP3A	Z	-3.86	65.04
24	MP3A	Mx	.009	65.04
25	MP3B	X	-8.036	26.4
26	MP3B	Z	-4.64	26.4
27	MP3B	Mx	-.006	26.4
28	MP3B	X	-8.036	65.04
29	MP3B	Z	-4.64	65.04
30	MP3B	Mx	-.006	65.04
31	MP3C	X	-8.036	26.4
32	MP3C	Z	-4.64	26.4
33	MP3C	Mx	-.006	26.4
34	MP3C	X	-8.036	65.04
35	MP3C	Z	-4.64	65.04
36	MP3C	Mx	-.006	65.04
37	MP3A	X	-.557	12
38	MP3A	Z	-.322	12
39	MP3A	Mx	-.000197	12
40	MP3B	X	-.656	12
41	MP3B	Z	-.378	12
42	MP3B	Mx	-.000103	12
43	MP3C	X	-.477	12
44	MP3C	Z	-.275	12
45	MP3C	Mx	.000217	12
46	MP3A	X	-2.768	33.48
47	MP3A	Z	-1.598	33.48
48	MP3A	Mx	-.002	33.48
49	MP3B	X	-3.304	33.48
50	MP3B	Z	-1.907	33.48
51	MP3B	Mx	-.001	33.48
52	MP3C	X	-2.332	33.48
53	MP3C	Z	-1.346	33.48
54	MP3C	Mx	.002	33.48
55	MP3A	X	-2.512	49.92
56	MP3A	Z	-1.45	49.92
57	MP3A	Mx	-.002	49.92
58	MP3B	X	-3.253	49.92
59	MP3B	Z	-1.878	49.92
60	MP3B	Mx	-.000963	49.92
61	MP3C	X	-1.908	49.92
62	MP3C	Z	-1.102	49.92
63	MP3C	Mx	.002	49.92

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
64	MP2A	X	-2.524	33.48
65	MP2A	Z	-1.457	33.48
66	MP2A	Mx	.001	33.48
67	MP2A	X	-2.524	57.48
68	MP2A	Z	-1.457	57.48
69	MP2A	Mx	.001	57.48
70	MP2B	X	-3.667	33.48
71	MP2B	Z	-2.117	33.48
72	MP2B	Mx	.000724	33.48
73	MP2B	X	-3.667	57.48
74	MP2B	Z	-2.117	57.48
75	MP2B	Mx	.000724	57.48
76	MP2C	X	-1.592	33.48
77	MP2C	Z	-.919	33.48
78	MP2C	Mx	-.000905	33.48
79	MP2C	X	-1.592	57.48
80	MP2C	Z	-.919	57.48
81	MP2C	Mx	-.000905	57.48
82	M134	X	-6.424	12
83	M134	Z	-3.709	12
84	M134	Mx	.006	12

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP3A	X	-4.64	26.4
2	MP3A	Z	-8.036	26.4
3	MP3A	Mx	-.006	26.4
4	MP3A	X	-4.64	65.04
5	MP3A	Z	-8.036	65.04
6	MP3A	Mx	-.006	65.04
7	MP3B	X	-3.86	26.4
8	MP3B	Z	-6.686	26.4
9	MP3B	Mx	.009	26.4
10	MP3B	X	-3.86	65.04
11	MP3B	Z	-6.686	65.04
12	MP3B	Mx	.009	65.04
13	MP3C	X	-3.86	26.4
14	MP3C	Z	-6.686	26.4
15	MP3C	Mx	.009	26.4
16	MP3C	X	-3.86	65.04
17	MP3C	Z	-6.686	65.04
18	MP3C	Mx	.009	65.04
19	MP3A	X	-4.64	26.4
20	MP3A	Z	-8.036	26.4
21	MP3A	Mx	.01	26.4
22	MP3A	X	-4.64	65.04
23	MP3A	Z	-8.036	65.04
24	MP3A	Mx	.01	65.04
25	MP3B	X	-3.86	26.4
26	MP3B	Z	-6.686	26.4
27	MP3B	Mx	-.000121	26.4
28	MP3B	X	-3.86	65.04
29	MP3B	Z	-6.686	65.04
30	MP3B	Mx	-.000121	65.04
31	MP3C	X	-3.86	26.4
32	MP3C	Z	-6.686	26.4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
33	MP3C	Mx	-.000121	26.4
34	MP3C	X	-3.86	65.04
35	MP3C	Z	-6.686	65.04
36	MP3C	Mx	-.000121	65.04
37	MP3A	X	-.378	12
38	MP3A	Z	-.656	12
39	MP3A	Mx	-.000103	12
40	MP3B	X	-.322	12
41	MP3B	Z	-.557	12
42	MP3B	Mx	-.000197	12
43	MP3C	X	-.286	12
44	MP3C	Z	-.495	12
45	MP3C	Mx	.000215	12
46	MP3A	X	-1.907	33.48
47	MP3A	Z	-3.304	33.48
48	MP3A	Mx	-.001	33.48
49	MP3B	X	-1.598	33.48
50	MP3B	Z	-2.768	33.48
51	MP3B	Mx	-.002	33.48
52	MP3C	X	-1.403	33.48
53	MP3C	Z	-2.431	33.48
54	MP3C	Mx	.002	33.48
55	MP3A	X	-1.878	49.92
56	MP3A	Z	-3.253	49.92
57	MP3A	Mx	-.000963	49.92
58	MP3B	X	-1.45	49.92
59	MP3B	Z	-2.512	49.92
60	MP3B	Mx	-.002	49.92
61	MP3C	X	-1.181	49.92
62	MP3C	Z	-2.045	49.92
63	MP3C	Mx	.002	49.92
64	MP2A	X	-2.117	33.48
65	MP2A	Z	-3.667	33.48
66	MP2A	Mx	.000724	33.48
67	MP2A	X	-2.117	57.48
68	MP2A	Z	-3.667	57.48
69	MP2A	Mx	.000724	57.48
70	MP2B	X	-1.457	33.48
71	MP2B	Z	-2.524	33.48
72	MP2B	Mx	.001	33.48
73	MP2B	X	-1.457	57.48
74	MP2B	Z	-2.524	57.48
75	MP2B	Mx	.001	57.48
76	MP2C	X	-1.041	33.48
77	MP2C	Z	-1.804	33.48
78	MP2C	Mx	-.000979	33.48
79	MP2C	X	-1.041	57.48
80	MP2C	Z	-1.804	57.48
81	MP2C	Mx	-.000979	57.48
82	M134	X	-4.189	12
83	M134	Z	-7.255	12
84	M134	Mx	.003	12

Member Point Loads (BLC 77 : Lm1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	M1	Y	-500	%70

Member Point Loads (BLC 78 : Lm2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	M1	Y	-500	%45

Member Point Loads (BLC 79 : Lv1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	M1	Y	-250	%100

Member Point Loads (BLC 80 : Lv2)

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

Member Distributed Loads (BLC 40 : Structure Di)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
1	M1	Y	-6.572	-6.572	0	%100
2	M4	Y	-9.617	-9.617	0	%100
3	M10	Y	-9.617	-9.617	0	%100
4	MP2A	Y	-4.984	-4.984	0	%100
5	MP1A	Y	-4.984	-4.984	0	%100
6	M43	Y	-9.617	-9.617	0	%100
7	M46	Y	-10.131	-10.131	0	%100
8	M51B	Y	-5.624	-5.624	0	%100
9	M52B	Y	-5.624	-5.624	0	%100
10	M76	Y	-10.118	-10.118	0	%100
11	M77	Y	-10.118	-10.118	0	%100
12	M80	Y	-10.131	-10.131	0	%100
13	M84	Y	-10.118	-10.118	0	%100
14	M85	Y	-10.118	-10.118	0	%100
15	M91	Y	-10.131	-10.131	0	%100
16	M52A	Y	-9.617	-9.617	0	%100
17	M53	Y	-9.617	-9.617	0	%100
18	M54	Y	-9.617	-9.617	0	%100
19	M55	Y	-10.131	-10.131	0	%100
20	M58A	Y	-5.624	-5.624	0	%100
21	M59A	Y	-5.624	-5.624	0	%100
22	M63	Y	-10.118	-10.118	0	%100
23	M64	Y	-10.118	-10.118	0	%100
24	M66	Y	-10.131	-10.131	0	%100
25	M68	Y	-10.118	-10.118	0	%100
26	M69	Y	-10.118	-10.118	0	%100
27	M71	Y	-10.131	-10.131	0	%100
28	M76A	Y	-9.617	-9.617	0	%100
29	M77A	Y	-9.617	-9.617	0	%100
30	M78	Y	-9.617	-9.617	0	%100
31	M79A	Y	-10.131	-10.131	0	%100
32	M82	Y	-5.624	-5.624	0	%100
33	M83A	Y	-5.624	-5.624	0	%100
34	M87	Y	-10.118	-10.118	0	%100
35	M88A	Y	-10.118	-10.118	0	%100
36	M90	Y	-10.131	-10.131	0	%100
37	M92A	Y	-10.118	-10.118	0	%100
38	M93	Y	-10.118	-10.118	0	%100
39	M95	Y	-10.131	-10.131	0	%100
40	M84B	Y	-4.984	-4.984	0	%100
41	M129	Y	-5.624	-5.624	0	%100
42	M130	Y	-5.624	-5.624	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
43	M131	Y	-5.624	-5.624	0	%100
44	M132	Y	-6.622	-6.622	0	%100
45	M133	Y	-6.622	-6.622	0	%100
46	M134A	Y	-6.622	-6.622	0	%100
47	M134	Y	-4.984	-4.984	0	%100
48	MP4A	Y	-4.984	-4.984	0	%100
49	MP3A	Y	-4.984	-4.984	0	%100
50	M95A	Y	-6.572	-6.572	0	%100
51	MP2C	Y	-4.984	-4.984	0	%100
52	MP1C	Y	-4.984	-4.984	0	%100
53	M102	Y	-4.984	-4.984	0	%100
54	MP4C	Y	-4.984	-4.984	0	%100
55	MP3C	Y	-4.984	-4.984	0	%100
56	M109	Y	-6.572	-6.572	0	%100
57	MP2B	Y	-4.984	-4.984	0	%100
58	MP1B	Y	-4.984	-4.984	0	%100
59	M116	Y	-4.984	-4.984	0	%100
60	MP4B	Y	-4.984	-4.984	0	%100
61	MP3B	Y	-4.984	-4.984	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[in,%]	End Location[in,%]
1	M1	X	0	0	0	%100
2	M1	Z	-11.492	-11.492	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	-9.877	-9.877	0	%100
7	MP2A	X	0	0	0	%100
8	MP2A	Z	-6.787	-6.787	0	%100
9	MP1A	X	0	0	0	%100
10	MP1A	Z	-6.787	-6.787	0	%100
11	M43	X	0	0	0	%100
12	M43	Z	-9.877	-9.877	0	%100
13	M46	X	0	0	0	%100
14	M46	Z	-19.701	-19.701	0	%100
15	M51B	X	0	0	0	%100
16	M51B	Z	-2.735	-2.735	0	%100
17	M52B	X	0	0	0	%100
18	M52B	Z	-2.735	-2.735	0	%100
19	M76	X	0	0	0	%100
20	M76	Z	0	0	0	%100
21	M77	X	0	0	0	%100
22	M77	Z	-5.016	-5.016	0	%100
23	M80	X	0	0	0	%100
24	M80	Z	-5.284	-5.284	0	%100
25	M84	X	0	0	0	%100
26	M84	Z	0	0	0	%100
27	M85	X	0	0	0	%100
28	M85	Z	-5.016	-5.016	0	%100
29	M91	X	0	0	0	%100
30	M91	Z	-5.284	-5.284	0	%100
31	M52A	X	0	0	0	%100
32	M52A	Z	-8.754	-8.754	0	%100
33	M53	X	0	0	0	%100
34	M53	Z	-2.469	-2.469	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[in,%]	End Location[in,%]
35	M54	X	0	0	0	%100
36	M54	Z	-2.469	-2.469	0	%100
37	M55	X	0	0	0	%100
38	M55	Z	-4.925	-4.925	0	%100
39	M58A	X	0	0	0	%100
40	M58A	Z	-2.735	-2.735	0	%100
41	M59A	X	0	0	0	%100
42	M59A	Z	-10.939	-10.939	0	%100
43	M63	X	0	0	0	%100
44	M63	Z	-14.776	-14.776	0	%100
45	M64	X	0	0	0	%100
46	M64	Z	-5.016	-5.016	0	%100
47	M66	X	0	0	0	%100
48	M66	Z	-5.284	-5.284	0	%100
49	M68	X	0	0	0	%100
50	M68	Z	-14.776	-14.776	0	%100
51	M69	X	0	0	0	%100
52	M69	Z	-20.066	-20.066	0	%100
53	M71	X	0	0	0	%100
54	M71	Z	-21.135	-21.135	0	%100
55	M76A	X	0	0	0	%100
56	M76A	Z	-8.754	-8.754	0	%100
57	M77A	X	0	0	0	%100
58	M77A	Z	-2.469	-2.469	0	%100
59	M78	X	0	0	0	%100
60	M78	Z	-2.469	-2.469	0	%100
61	M79A	X	0	0	0	%100
62	M79A	Z	-4.925	-4.925	0	%100
63	M82	X	0	0	0	%100
64	M82	Z	-10.939	-10.939	0	%100
65	M83A	X	0	0	0	%100
66	M83A	Z	-2.735	-2.735	0	%100
67	M87	X	0	0	0	%100
68	M87	Z	-14.776	-14.776	0	%100
69	M88A	X	0	0	0	%100
70	M88A	Z	-20.066	-20.066	0	%100
71	M90	X	0	0	0	%100
72	M90	Z	-21.135	-21.135	0	%100
73	M92A	X	0	0	0	%100
74	M92A	Z	-14.776	-14.776	0	%100
75	M93	X	0	0	0	%100
76	M93	Z	-5.016	-5.016	0	%100
77	M95	X	0	0	0	%100
78	M95	Z	-5.284	-5.284	0	%100
79	M84B	X	0	0	0	%100
80	M84B	Z	-7.798	-7.798	0	%100
81	M129	X	0	0	0	%100
82	M129	Z	-9.076	-9.076	0	%100
83	M130	X	0	0	0	%100
84	M130	Z	-3.468	-3.468	0	%100
85	M131	X	0	0	0	%100
86	M131	Z	-9.076	-9.076	0	%100
87	M132	X	0	0	0	%100
88	M132	Z	-2.301	-2.301	0	%100
89	M133	X	0	0	0	%100
90	M133	Z	-9.206	-9.206	0	%100
91	M134A	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[in,%]	End Location[in,%]
92	M134A	Z	-2.301	-2.301	0	%100
93	M134	X	0	0	0	%100
94	M134	Z	-5.773	-5.773	0	%100
95	MP4A	X	0	0	0	%100
96	MP4A	Z	-6.787	-6.787	0	%100
97	MP3A	X	0	0	0	%100
98	MP3A	Z	-6.787	-6.787	0	%100
99	M95A	X	0	0	0	%100
100	M95A	Z	-2.873	-2.873	0	%100
101	MP2C	X	0	0	0	%100
102	MP2C	Z	-6.787	-6.787	0	%100
103	MP1C	X	0	0	0	%100
104	MP1C	Z	-6.787	-6.787	0	%100
105	M102	X	0	0	0	%100
106	M102	Z	-1.95	-1.95	0	%100
107	MP4C	X	0	0	0	%100
108	MP4C	Z	-6.787	-6.787	0	%100
109	MP3C	X	0	0	0	%100
110	MP3C	Z	-6.787	-6.787	0	%100
111	M109	X	0	0	0	%100
112	M109	Z	-2.873	-2.873	0	%100
113	MP2B	X	0	0	0	%100
114	MP2B	Z	-6.787	-6.787	0	%100
115	MP1B	X	0	0	0	%100
116	MP1B	Z	-6.787	-6.787	0	%100
117	M116	X	0	0	0	%100
118	M116	Z	-1.95	-1.95	0	%100
119	MP4B	X	0	0	0	%100
120	MP4B	Z	-6.787	-6.787	0	%100
121	MP3B	X	0	0	0	%100
122	MP3B	Z	-6.787	-6.787	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[in,%]	End Location[in,%]
1	M1	X	4.31	4.31	0	%100
2	M1	Z	-7.464	-7.464	0	%100
3	M4	X	1.459	1.459	0	%100
4	M4	Z	-2.527	-2.527	0	%100
5	M10	X	3.704	3.704	0	%100
6	M10	Z	-6.415	-6.415	0	%100
7	MP2A	X	3.52	3.52	0	%100
8	MP2A	Z	-6.097	-6.097	0	%100
9	MP1A	X	3.52	3.52	0	%100
10	MP1A	Z	-6.097	-6.097	0	%100
11	M43	X	3.704	3.704	0	%100
12	M43	Z	-6.415	-6.415	0	%100
13	M46	X	7.388	7.388	0	%100
14	M46	Z	-12.796	-12.796	0	%100
15	M51B	X	4.102	4.102	0	%100
16	M51B	Z	-7.105	-7.105	0	%100
17	M52B	X	0	0	0	%100
18	M52B	Z	0	0	0	%100
19	M76	X	2.463	2.463	0	%100
20	M76	Z	-4.265	-4.265	0	%100
21	M77	X	7.525	7.525	0	%100
22	M77	Z	-13.033	-13.033	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[in,%]	End Location[in,%]
23	M80	X	7.926	7.926	0	%100
24	M80	Z	-13.727	-13.727	0	%100
25	M84	X	2.463	2.463	0	%100
26	M84	Z	-4.265	-4.265	0	%100
27	M85	X	0	0	0	%100
28	M85	Z	0	0	0	%100
29	M91	X	0	0	0	%100
30	M91	Z	0	0	0	%100
31	M52A	X	1.459	1.459	0	%100
32	M52A	Z	-2.527	-2.527	0	%100
33	M53	X	3.704	3.704	0	%100
34	M53	Z	-6.415	-6.415	0	%100
35	M54	X	3.704	3.704	0	%100
36	M54	Z	-6.415	-6.415	0	%100
37	M55	X	7.388	7.388	0	%100
38	M55	Z	-12.796	-12.796	0	%100
39	M58A	X	0	0	0	%100
40	M58A	Z	0	0	0	%100
41	M59A	X	4.102	4.102	0	%100
42	M59A	Z	-7.105	-7.105	0	%100
43	M63	X	2.463	2.463	0	%100
44	M63	Z	-4.265	-4.265	0	%100
45	M64	X	0	0	0	%100
46	M64	Z	0	0	0	%100
47	M66	X	0	0	0	%100
48	M66	Z	0	0	0	%100
49	M68	X	2.463	2.463	0	%100
50	M68	Z	-4.265	-4.265	0	%100
51	M69	X	7.525	7.525	0	%100
52	M69	Z	-13.033	-13.033	0	%100
53	M71	X	7.926	7.926	0	%100
54	M71	Z	-13.727	-13.727	0	%100
55	M76A	X	5.836	5.836	0	%100
56	M76A	Z	-10.109	-10.109	0	%100
57	M77A	X	0	0	0	%100
58	M77A	Z	0	0	0	%100
59	M78	X	0	0	0	%100
60	M78	Z	0	0	0	%100
61	M79A	X	0	0	0	%100
62	M79A	Z	0	0	0	%100
63	M82	X	4.102	4.102	0	%100
64	M82	Z	-7.105	-7.105	0	%100
65	M83A	X	4.102	4.102	0	%100
66	M83A	Z	-7.105	-7.105	0	%100
67	M87	X	9.85	9.85	0	%100
68	M87	Z	-17.061	-17.061	0	%100
69	M88A	X	7.525	7.525	0	%100
70	M88A	Z	-13.033	-13.033	0	%100
71	M90	X	7.926	7.926	0	%100
72	M90	Z	-13.727	-13.727	0	%100
73	M92A	X	9.85	9.85	0	%100
74	M92A	Z	-17.061	-17.061	0	%100
75	M93	X	7.525	7.525	0	%100
76	M93	Z	-13.033	-13.033	0	%100
77	M95	X	7.926	7.926	0	%100
78	M95	Z	-13.727	-13.727	0	%100
79	M84B	X	2.924	2.924	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[in,%]	End Location[in,%]
80	M84B	Z	-5.065	-5.065	0	%100
81	M129	X	5.472	5.472	0	%100
82	M129	Z	-9.479	-9.479	0	%100
83	M130	X	2.669	2.669	0	%100
84	M130	Z	-4.622	-4.622	0	%100
85	M131	X	2.669	2.669	0	%100
86	M131	Z	-4.622	-4.622	0	%100
87	M132	X	3.452	3.452	0	%100
88	M132	Z	-5.979	-5.979	0	%100
89	M133	X	3.452	3.452	0	%100
90	M133	Z	-5.979	-5.979	0	%100
91	M134A	X	0	0	0	%100
92	M134A	Z	0	0	0	%100
93	M134	X	2.954	2.954	0	%100
94	M134	Z	-5.117	-5.117	0	%100
95	MP4A	X	3.52	3.52	0	%100
96	MP4A	Z	-6.097	-6.097	0	%100
97	MP3A	X	3.52	3.52	0	%100
98	MP3A	Z	-6.097	-6.097	0	%100
99	M95A	X	4.31	4.31	0	%100
100	M95A	Z	-7.464	-7.464	0	%100
101	MP2C	X	3.52	3.52	0	%100
102	MP2C	Z	-6.097	-6.097	0	%100
103	MP1C	X	3.52	3.52	0	%100
104	MP1C	Z	-6.097	-6.097	0	%100
105	M102	X	2.924	2.924	0	%100
106	M102	Z	-5.065	-5.065	0	%100
107	MP4C	X	3.52	3.52	0	%100
108	MP4C	Z	-6.097	-6.097	0	%100
109	MP3C	X	3.52	3.52	0	%100
110	MP3C	Z	-6.097	-6.097	0	%100
111	M109	X	0	0	0	%100
112	M109	Z	0	0	0	%100
113	MP2B	X	3.52	3.52	0	%100
114	MP2B	Z	-6.097	-6.097	0	%100
115	MP1B	X	3.52	3.52	0	%100
116	MP1B	Z	-6.097	-6.097	0	%100
117	M116	X	0	0	0	%100
118	M116	Z	0	0	0	%100
119	MP4B	X	3.52	3.52	0	%100
120	MP4B	Z	-6.097	-6.097	0	%100
121	MP3B	X	3.52	3.52	0	%100
122	MP3B	Z	-6.097	-6.097	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[in,%]	End Location[in,%]
1	M1	X	2.488	2.488	0	%100
2	M1	Z	-1.437	-1.437	0	%100
3	M4	X	7.582	7.582	0	%100
4	M4	Z	-4.377	-4.377	0	%100
5	M10	X	2.138	2.138	0	%100
6	M10	Z	-1.235	-1.235	0	%100
7	MP2A	X	6.535	6.535	0	%100
8	MP2A	Z	-3.773	-3.773	0	%100
9	MP1A	X	6.535	6.535	0	%100
10	MP1A	Z	-3.773	-3.773	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[in,%]	End Location[in,%]
11	M43	X	2.138	2.138	0	%100
12	M43	Z	-1.235	-1.235	0	%100
13	M46	X	4.265	4.265	0	%100
14	M46	Z	-2.463	-2.463	0	%100
15	M51B	X	9.474	9.474	0	%100
16	M51B	Z	-5.47	-5.47	0	%100
17	M52B	X	2.368	2.368	0	%100
18	M52B	Z	-1.367	-1.367	0	%100
19	M76	X	12.796	12.796	0	%100
20	M76	Z	-7.388	-7.388	0	%100
21	M77	X	17.377	17.377	0	%100
22	M77	Z	-10.033	-10.033	0	%100
23	M80	X	18.303	18.303	0	%100
24	M80	Z	-10.567	-10.567	0	%100
25	M84	X	12.796	12.796	0	%100
26	M84	Z	-7.388	-7.388	0	%100
27	M85	X	4.344	4.344	0	%100
28	M85	Z	-2.508	-2.508	0	%100
29	M91	X	4.576	4.576	0	%100
30	M91	Z	-2.642	-2.642	0	%100
31	M52A	X	0	0	0	%100
32	M52A	Z	0	0	0	%100
33	M53	X	8.554	8.554	0	%100
34	M53	Z	-4.939	-4.939	0	%100
35	M54	X	8.554	8.554	0	%100
36	M54	Z	-4.939	-4.939	0	%100
37	M55	X	17.061	17.061	0	%100
38	M55	Z	-9.85	-9.85	0	%100
39	M58A	X	2.368	2.368	0	%100
40	M58A	Z	-1.367	-1.367	0	%100
41	M59A	X	2.368	2.368	0	%100
42	M59A	Z	-1.367	-1.367	0	%100
43	M63	X	0	0	0	%100
44	M63	Z	0	0	0	%100
45	M64	X	4.344	4.344	0	%100
46	M64	Z	-2.508	-2.508	0	%100
47	M66	X	4.576	4.576	0	%100
48	M66	Z	-2.642	-2.642	0	%100
49	M68	X	0	0	0	%100
50	M68	Z	0	0	0	%100
51	M69	X	4.344	4.344	0	%100
52	M69	Z	-2.508	-2.508	0	%100
53	M71	X	4.576	4.576	0	%100
54	M71	Z	-2.642	-2.642	0	%100
55	M76A	X	7.582	7.582	0	%100
56	M76A	Z	-4.377	-4.377	0	%100
57	M77A	X	2.138	2.138	0	%100
58	M77A	Z	-1.235	-1.235	0	%100
59	M78	X	2.138	2.138	0	%100
60	M78	Z	-1.235	-1.235	0	%100
61	M79A	X	4.265	4.265	0	%100
62	M79A	Z	-2.463	-2.463	0	%100
63	M82	X	2.368	2.368	0	%100
64	M82	Z	-1.367	-1.367	0	%100
65	M83A	X	9.474	9.474	0	%100
66	M83A	Z	-5.47	-5.47	0	%100
67	M87	X	12.796	12.796	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[in,%]	End Location[in,%]
68	M87	Z	-7.388	-7.388	0	%100
69	M88A	X	4.344	4.344	0	%100
70	M88A	Z	-2.508	-2.508	0	%100
71	M90	X	4.576	4.576	0	%100
72	M90	Z	-2.642	-2.642	0	%100
73	M92A	X	12.796	12.796	0	%100
74	M92A	Z	-7.388	-7.388	0	%100
75	M93	X	17.377	17.377	0	%100
76	M93	Z	-10.033	-10.033	0	%100
77	M95	X	18.303	18.303	0	%100
78	M95	Z	-10.567	-10.567	0	%100
79	M84B	X	1.688	1.688	0	%100
80	M84B	Z	-.975	-.975	0	%100
81	M129	X	7.86	7.86	0	%100
82	M129	Z	-4.538	-4.538	0	%100
83	M130	X	7.86	7.86	0	%100
84	M130	Z	-4.538	-4.538	0	%100
85	M131	X	3.004	3.004	0	%100
86	M131	Z	-1.734	-1.734	0	%100
87	M132	X	7.973	7.973	0	%100
88	M132	Z	-4.603	-4.603	0	%100
89	M133	X	1.993	1.993	0	%100
90	M133	Z	-1.151	-1.151	0	%100
91	M134A	X	1.993	1.993	0	%100
92	M134A	Z	-1.151	-1.151	0	%100
93	M134	X	5.352	5.352	0	%100
94	M134	Z	-3.09	-3.09	0	%100
95	MP4A	X	6.535	6.535	0	%100
96	MP4A	Z	-3.773	-3.773	0	%100
97	MP3A	X	6.535	6.535	0	%100
98	MP3A	Z	-3.773	-3.773	0	%100
99	M95A	X	9.952	9.952	0	%100
100	M95A	Z	-5.746	-5.746	0	%100
101	MP2C	X	6.535	6.535	0	%100
102	MP2C	Z	-3.773	-3.773	0	%100
103	MP1C	X	6.535	6.535	0	%100
104	MP1C	Z	-3.773	-3.773	0	%100
105	M102	X	6.753	6.753	0	%100
106	M102	Z	-3.899	-3.899	0	%100
107	MP4C	X	6.535	6.535	0	%100
108	MP4C	Z	-3.773	-3.773	0	%100
109	MP3C	X	6.535	6.535	0	%100
110	MP3C	Z	-3.773	-3.773	0	%100
111	M109	X	2.488	2.488	0	%100
112	M109	Z	-1.437	-1.437	0	%100
113	MP2B	X	6.535	6.535	0	%100
114	MP2B	Z	-3.773	-3.773	0	%100
115	MP1B	X	6.535	6.535	0	%100
116	MP1B	Z	-3.773	-3.773	0	%100
117	M116	X	1.688	1.688	0	%100
118	M116	Z	-.975	-.975	0	%100
119	MP4B	X	6.535	6.535	0	%100
120	MP4B	Z	-3.773	-3.773	0	%100
121	MP3B	X	6.535	6.535	0	%100
122	MP3B	Z	-3.773	-3.773	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[in,%]	End Location[in,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	11.673	11.673	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	MP2A	X	7.798	7.798	0	%100
8	MP2A	Z	0	0	0	%100
9	MP1A	X	7.798	7.798	0	%100
10	MP1A	Z	0	0	0	%100
11	M43	X	0	0	0	%100
12	M43	Z	0	0	0	%100
13	M46	X	0	0	0	%100
14	M46	Z	0	0	0	%100
15	M51B	X	8.205	8.205	0	%100
16	M51B	Z	0	0	0	%100
17	M52B	X	8.205	8.205	0	%100
18	M52B	Z	0	0	0	%100
19	M76	X	19.701	19.701	0	%100
20	M76	Z	0	0	0	%100
21	M77	X	15.049	15.049	0	%100
22	M77	Z	0	0	0	%100
23	M80	X	15.851	15.851	0	%100
24	M80	Z	0	0	0	%100
25	M84	X	19.701	19.701	0	%100
26	M84	Z	0	0	0	%100
27	M85	X	15.049	15.049	0	%100
28	M85	Z	0	0	0	%100
29	M91	X	15.851	15.851	0	%100
30	M91	Z	0	0	0	%100
31	M52A	X	2.918	2.918	0	%100
32	M52A	Z	0	0	0	%100
33	M53	X	7.408	7.408	0	%100
34	M53	Z	0	0	0	%100
35	M54	X	7.408	7.408	0	%100
36	M54	Z	0	0	0	%100
37	M55	X	14.776	14.776	0	%100
38	M55	Z	0	0	0	%100
39	M58A	X	8.205	8.205	0	%100
40	M58A	Z	0	0	0	%100
41	M59A	X	0	0	0	%100
42	M59A	Z	0	0	0	%100
43	M63	X	4.925	4.925	0	%100
44	M63	Z	0	0	0	%100
45	M64	X	15.049	15.049	0	%100
46	M64	Z	0	0	0	%100
47	M66	X	15.851	15.851	0	%100
48	M66	Z	0	0	0	%100
49	M68	X	4.925	4.925	0	%100
50	M68	Z	0	0	0	%100
51	M69	X	0	0	0	%100
52	M69	Z	0	0	0	%100
53	M71	X	0	0	0	%100
54	M71	Z	0	0	0	%100
55	M76A	X	2.918	2.918	0	%100
56	M76A	Z	0	0	0	%100
57	M77A	X	7.408	7.408	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[in,%]	End Location[in,%]
58	M77A	Z	0	0	0	%100
59	M78	X	7.408	7.408	0	%100
60	M78	Z	0	0	0	%100
61	M79A	X	14.776	14.776	0	%100
62	M79A	Z	0	0	0	%100
63	M82	X	0	0	0	%100
64	M82	Z	0	0	0	%100
65	M83A	X	8.205	8.205	0	%100
66	M83A	Z	0	0	0	%100
67	M87	X	4.925	4.925	0	%100
68	M87	Z	0	0	0	%100
69	M88A	X	0	0	0	%100
70	M88A	Z	0	0	0	%100
71	M90	X	0	0	0	%100
72	M90	Z	0	0	0	%100
73	M92A	X	4.925	4.925	0	%100
74	M92A	Z	0	0	0	%100
75	M93	X	15.049	15.049	0	%100
76	M93	Z	0	0	0	%100
77	M95	X	15.851	15.851	0	%100
78	M95	Z	0	0	0	%100
79	M84B	X	0	0	0	%100
80	M84B	Z	0	0	0	%100
81	M129	X	5.337	5.337	0	%100
82	M129	Z	0	0	0	%100
83	M130	X	10.945	10.945	0	%100
84	M130	Z	0	0	0	%100
85	M131	X	5.337	5.337	0	%100
86	M131	Z	0	0	0	%100
87	M132	X	6.904	6.904	0	%100
88	M132	Z	0	0	0	%100
89	M133	X	0	0	0	%100
90	M133	Z	0	0	0	%100
91	M134A	X	6.904	6.904	0	%100
92	M134A	Z	0	0	0	%100
93	M134	X	6.316	6.316	0	%100
94	M134	Z	0	0	0	%100
95	MP4A	X	7.798	7.798	0	%100
96	MP4A	Z	0	0	0	%100
97	MP3A	X	7.798	7.798	0	%100
98	MP3A	Z	0	0	0	%100
99	M95A	X	8.619	8.619	0	%100
100	M95A	Z	0	0	0	%100
101	MP2C	X	7.798	7.798	0	%100
102	MP2C	Z	0	0	0	%100
103	MP1C	X	7.798	7.798	0	%100
104	MP1C	Z	0	0	0	%100
105	M102	X	5.849	5.849	0	%100
106	M102	Z	0	0	0	%100
107	MP4C	X	7.798	7.798	0	%100
108	MP4C	Z	0	0	0	%100
109	MP3C	X	7.798	7.798	0	%100
110	MP3C	Z	0	0	0	%100
111	M109	X	8.619	8.619	0	%100
112	M109	Z	0	0	0	%100
113	MP2B	X	7.798	7.798	0	%100
114	MP2B	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
115	MP1B	X	7.798	7.798	0	%100
116	MP1B	Z	0	0	0	%100
117	M116	X	5.849	5.849	0	%100
118	M116	Z	0	0	0	%100
119	MP4B	X	7.798	7.798	0	%100
120	MP4B	Z	0	0	0	%100
121	MP3B	X	7.798	7.798	0	%100
122	MP3B	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[in,%]	End Location[in,%]
1	M1	X	2.488	2.488	0	%100
2	M1	Z	1.437	1.437	0	%100
3	M4	X	7.582	7.582	0	%100
4	M4	Z	4.377	4.377	0	%100
5	M10	X	2.138	2.138	0	%100
6	M10	Z	1.235	1.235	0	%100
7	MP2A	X	6.535	6.535	0	%100
8	MP2A	Z	3.773	3.773	0	%100
9	MP1A	X	6.535	6.535	0	%100
10	MP1A	Z	3.773	3.773	0	%100
11	M43	X	2.138	2.138	0	%100
12	M43	Z	1.235	1.235	0	%100
13	M46	X	4.265	4.265	0	%100
14	M46	Z	2.463	2.463	0	%100
15	M51B	X	2.368	2.368	0	%100
16	M51B	Z	1.367	1.367	0	%100
17	M52B	X	9.474	9.474	0	%100
18	M52B	Z	5.47	5.47	0	%100
19	M76	X	12.796	12.796	0	%100
20	M76	Z	7.388	7.388	0	%100
21	M77	X	4.344	4.344	0	%100
22	M77	Z	2.508	2.508	0	%100
23	M80	X	4.576	4.576	0	%100
24	M80	Z	2.642	2.642	0	%100
25	M84	X	12.796	12.796	0	%100
26	M84	Z	7.388	7.388	0	%100
27	M85	X	17.377	17.377	0	%100
28	M85	Z	10.033	10.033	0	%100
29	M91	X	18.303	18.303	0	%100
30	M91	Z	10.567	10.567	0	%100
31	M52A	X	7.582	7.582	0	%100
32	M52A	Z	4.377	4.377	0	%100
33	M53	X	2.138	2.138	0	%100
34	M53	Z	1.235	1.235	0	%100
35	M54	X	2.138	2.138	0	%100
36	M54	Z	1.235	1.235	0	%100
37	M55	X	4.265	4.265	0	%100
38	M55	Z	2.463	2.463	0	%100
39	M58A	X	9.474	9.474	0	%100
40	M58A	Z	5.47	5.47	0	%100
41	M59A	X	2.368	2.368	0	%100
42	M59A	Z	1.367	1.367	0	%100
43	M63	X	12.796	12.796	0	%100
44	M63	Z	7.388	7.388	0	%100
45	M64	X	17.377	17.377	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[in,%]	End Location[in,%]
46	M64	Z	10.033	10.033	0	%100
47	M66	X	18.303	18.303	0	%100
48	M66	Z	10.567	10.567	0	%100
49	M68	X	12.796	12.796	0	%100
50	M68	Z	7.388	7.388	0	%100
51	M69	X	4.344	4.344	0	%100
52	M69	Z	2.508	2.508	0	%100
53	M71	X	4.576	4.576	0	%100
54	M71	Z	2.642	2.642	0	%100
55	M76A	X	0	0	0	%100
56	M76A	Z	0	0	0	%100
57	M77A	X	8.554	8.554	0	%100
58	M77A	Z	4.939	4.939	0	%100
59	M78	X	8.554	8.554	0	%100
60	M78	Z	4.939	4.939	0	%100
61	M79A	X	17.061	17.061	0	%100
62	M79A	Z	9.85	9.85	0	%100
63	M82	X	2.368	2.368	0	%100
64	M82	Z	1.367	1.367	0	%100
65	M83A	X	2.368	2.368	0	%100
66	M83A	Z	1.367	1.367	0	%100
67	M87	X	0	0	0	%100
68	M87	Z	0	0	0	%100
69	M88A	X	4.344	4.344	0	%100
70	M88A	Z	2.508	2.508	0	%100
71	M90	X	4.576	4.576	0	%100
72	M90	Z	2.642	2.642	0	%100
73	M92A	X	0	0	0	%100
74	M92A	Z	0	0	0	%100
75	M93	X	4.344	4.344	0	%100
76	M93	Z	2.508	2.508	0	%100
77	M95	X	4.576	4.576	0	%100
78	M95	Z	2.642	2.642	0	%100
79	M84B	X	1.688	1.688	0	%100
80	M84B	Z	.975	.975	0	%100
81	M129	X	3.004	3.004	0	%100
82	M129	Z	1.734	1.734	0	%100
83	M130	X	7.86	7.86	0	%100
84	M130	Z	4.538	4.538	0	%100
85	M131	X	7.86	7.86	0	%100
86	M131	Z	4.538	4.538	0	%100
87	M132	X	1.993	1.993	0	%100
88	M132	Z	1.151	1.151	0	%100
89	M133	X	1.993	1.993	0	%100
90	M133	Z	1.151	1.151	0	%100
91	M134A	X	7.973	7.973	0	%100
92	M134A	Z	4.603	4.603	0	%100
93	M134	X	5.352	5.352	0	%100
94	M134	Z	3.09	3.09	0	%100
95	MP4A	X	6.535	6.535	0	%100
96	MP4A	Z	3.773	3.773	0	%100
97	MP3A	X	6.535	6.535	0	%100
98	MP3A	Z	3.773	3.773	0	%100
99	M95A	X	2.488	2.488	0	%100
100	M95A	Z	1.437	1.437	0	%100
101	MP2C	X	6.535	6.535	0	%100
102	MP2C	Z	3.773	3.773	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[in,%]	End Location[in,%]
103	MP1C	X	6.535	6.535	0	%100
104	MP1C	Z	3.773	3.773	0	%100
105	M102	X	1.688	1.688	0	%100
106	M102	Z	.975	.975	0	%100
107	MP4C	X	6.535	6.535	0	%100
108	MP4C	Z	3.773	3.773	0	%100
109	MP3C	X	6.535	6.535	0	%100
110	MP3C	Z	3.773	3.773	0	%100
111	M109	X	9.952	9.952	0	%100
112	M109	Z	5.746	5.746	0	%100
113	MP2B	X	6.535	6.535	0	%100
114	MP2B	Z	3.773	3.773	0	%100
115	MP1B	X	6.535	6.535	0	%100
116	MP1B	Z	3.773	3.773	0	%100
117	M116	X	6.753	6.753	0	%100
118	M116	Z	3.899	3.899	0	%100
119	MP4B	X	6.535	6.535	0	%100
120	MP4B	Z	3.773	3.773	0	%100
121	MP3B	X	6.535	6.535	0	%100
122	MP3B	Z	3.773	3.773	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[in,%]	End Location[in,%]
1	M1	X	4.31	4.31	0	%100
2	M1	Z	7.464	7.464	0	%100
3	M4	X	1.459	1.459	0	%100
4	M4	Z	2.527	2.527	0	%100
5	M10	X	3.704	3.704	0	%100
6	M10	Z	6.415	6.415	0	%100
7	MP2A	X	3.52	3.52	0	%100
8	MP2A	Z	6.097	6.097	0	%100
9	MP1A	X	3.52	3.52	0	%100
10	MP1A	Z	6.097	6.097	0	%100
11	M43	X	3.704	3.704	0	%100
12	M43	Z	6.415	6.415	0	%100
13	M46	X	7.388	7.388	0	%100
14	M46	Z	12.796	12.796	0	%100
15	M51B	X	0	0	0	%100
16	M51B	Z	0	0	0	%100
17	M52B	X	4.102	4.102	0	%100
18	M52B	Z	7.105	7.105	0	%100
19	M76	X	2.463	2.463	0	%100
20	M76	Z	4.265	4.265	0	%100
21	M77	X	0	0	0	%100
22	M77	Z	0	0	0	%100
23	M80	X	0	0	0	%100
24	M80	Z	0	0	0	%100
25	M84	X	2.463	2.463	0	%100
26	M84	Z	4.265	4.265	0	%100
27	M85	X	7.525	7.525	0	%100
28	M85	Z	13.033	13.033	0	%100
29	M91	X	7.926	7.926	0	%100
30	M91	Z	13.727	13.727	0	%100
31	M52A	X	5.836	5.836	0	%100
32	M52A	Z	10.109	10.109	0	%100
33	M53	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[in,%]	End Location[in,%]
34	M53	Z	0	0	0	%100
35	M54	X	0	0	0	%100
36	M54	Z	0	0	0	%100
37	M55	X	0	0	0	%100
38	M55	Z	0	0	0	%100
39	M58A	X	4.102	4.102	0	%100
40	M58A	Z	7.105	7.105	0	%100
41	M59A	X	4.102	4.102	0	%100
42	M59A	Z	7.105	7.105	0	%100
43	M63	X	9.85	9.85	0	%100
44	M63	Z	17.061	17.061	0	%100
45	M64	X	7.525	7.525	0	%100
46	M64	Z	13.033	13.033	0	%100
47	M66	X	7.926	7.926	0	%100
48	M66	Z	13.727	13.727	0	%100
49	M68	X	9.85	9.85	0	%100
50	M68	Z	17.061	17.061	0	%100
51	M69	X	7.525	7.525	0	%100
52	M69	Z	13.033	13.033	0	%100
53	M71	X	7.926	7.926	0	%100
54	M71	Z	13.727	13.727	0	%100
55	M76A	X	1.459	1.459	0	%100
56	M76A	Z	2.527	2.527	0	%100
57	M77A	X	3.704	3.704	0	%100
58	M77A	Z	6.415	6.415	0	%100
59	M78	X	3.704	3.704	0	%100
60	M78	Z	6.415	6.415	0	%100
61	M79A	X	7.388	7.388	0	%100
62	M79A	Z	12.796	12.796	0	%100
63	M82	X	4.102	4.102	0	%100
64	M82	Z	7.105	7.105	0	%100
65	M83A	X	0	0	0	%100
66	M83A	Z	0	0	0	%100
67	M87	X	2.463	2.463	0	%100
68	M87	Z	4.265	4.265	0	%100
69	M88A	X	7.525	7.525	0	%100
70	M88A	Z	13.033	13.033	0	%100
71	M90	X	7.926	7.926	0	%100
72	M90	Z	13.727	13.727	0	%100
73	M92A	X	2.463	2.463	0	%100
74	M92A	Z	4.265	4.265	0	%100
75	M93	X	0	0	0	%100
76	M93	Z	0	0	0	%100
77	M95	X	0	0	0	%100
78	M95	Z	0	0	0	%100
79	M84B	X	2.924	2.924	0	%100
80	M84B	Z	5.065	5.065	0	%100
81	M129	X	2.669	2.669	0	%100
82	M129	Z	4.622	4.622	0	%100
83	M130	X	2.669	2.669	0	%100
84	M130	Z	4.622	4.622	0	%100
85	M131	X	5.472	5.472	0	%100
86	M131	Z	9.479	9.479	0	%100
87	M132	X	0	0	0	%100
88	M132	Z	0	0	0	%100
89	M133	X	3.452	3.452	0	%100
90	M133	Z	5.979	5.979	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[in,%]	End Location[in,%]
91	M134A	X	3.452	3.452	0	%100
92	M134A	Z	5.979	5.979	0	%100
93	M134	X	2.954	2.954	0	%100
94	M134	Z	5.117	5.117	0	%100
95	MP4A	X	3.52	3.52	0	%100
96	MP4A	Z	6.097	6.097	0	%100
97	MP3A	X	3.52	3.52	0	%100
98	MP3A	Z	6.097	6.097	0	%100
99	M95A	X	0	0	0	%100
100	M95A	Z	0	0	0	%100
101	MP2C	X	3.52	3.52	0	%100
102	MP2C	Z	6.097	6.097	0	%100
103	MP1C	X	3.52	3.52	0	%100
104	MP1C	Z	6.097	6.097	0	%100
105	M102	X	0	0	0	%100
106	M102	Z	0	0	0	%100
107	MP4C	X	3.52	3.52	0	%100
108	MP4C	Z	6.097	6.097	0	%100
109	MP3C	X	3.52	3.52	0	%100
110	MP3C	Z	6.097	6.097	0	%100
111	M109	X	4.31	4.31	0	%100
112	M109	Z	7.464	7.464	0	%100
113	MP2B	X	3.52	3.52	0	%100
114	MP2B	Z	6.097	6.097	0	%100
115	MP1B	X	3.52	3.52	0	%100
116	MP1B	Z	6.097	6.097	0	%100
117	M116	X	2.924	2.924	0	%100
118	M116	Z	5.065	5.065	0	%100
119	MP4B	X	3.52	3.52	0	%100
120	MP4B	Z	6.097	6.097	0	%100
121	MP3B	X	3.52	3.52	0	%100
122	MP3B	Z	6.097	6.097	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[in,%]	End Location[in,%]
1	M1	X	0	0	0	%100
2	M1	Z	11.492	11.492	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	9.877	9.877	0	%100
7	MP2A	X	0	0	0	%100
8	MP2A	Z	6.787	6.787	0	%100
9	MP1A	X	0	0	0	%100
10	MP1A	Z	6.787	6.787	0	%100
11	M43	X	0	0	0	%100
12	M43	Z	9.877	9.877	0	%100
13	M46	X	0	0	0	%100
14	M46	Z	19.701	19.701	0	%100
15	M51B	X	0	0	0	%100
16	M51B	Z	2.735	2.735	0	%100
17	M52B	X	0	0	0	%100
18	M52B	Z	2.735	2.735	0	%100
19	M76	X	0	0	0	%100
20	M76	Z	0	0	0	%100
21	M77	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[in,%]	End Location[in,%]
22	M77	Z	5.016	5.016	0	%100
23	M80	X	0	0	0	%100
24	M80	Z	5.284	5.284	0	%100
25	M84	X	0	0	0	%100
26	M84	Z	0	0	0	%100
27	M85	X	0	0	0	%100
28	M85	Z	5.016	5.016	0	%100
29	M91	X	0	0	0	%100
30	M91	Z	5.284	5.284	0	%100
31	M52A	X	0	0	0	%100
32	M52A	Z	8.754	8.754	0	%100
33	M53	X	0	0	0	%100
34	M53	Z	2.469	2.469	0	%100
35	M54	X	0	0	0	%100
36	M54	Z	2.469	2.469	0	%100
37	M55	X	0	0	0	%100
38	M55	Z	4.925	4.925	0	%100
39	M58A	X	0	0	0	%100
40	M58A	Z	2.735	2.735	0	%100
41	M59A	X	0	0	0	%100
42	M59A	Z	10.939	10.939	0	%100
43	M63	X	0	0	0	%100
44	M63	Z	14.776	14.776	0	%100
45	M64	X	0	0	0	%100
46	M64	Z	5.016	5.016	0	%100
47	M66	X	0	0	0	%100
48	M66	Z	5.284	5.284	0	%100
49	M68	X	0	0	0	%100
50	M68	Z	14.776	14.776	0	%100
51	M69	X	0	0	0	%100
52	M69	Z	20.066	20.066	0	%100
53	M71	X	0	0	0	%100
54	M71	Z	21.135	21.135	0	%100
55	M76A	X	0	0	0	%100
56	M76A	Z	8.754	8.754	0	%100
57	M77A	X	0	0	0	%100
58	M77A	Z	2.469	2.469	0	%100
59	M78	X	0	0	0	%100
60	M78	Z	2.469	2.469	0	%100
61	M79A	X	0	0	0	%100
62	M79A	Z	4.925	4.925	0	%100
63	M82	X	0	0	0	%100
64	M82	Z	10.939	10.939	0	%100
65	M83A	X	0	0	0	%100
66	M83A	Z	2.735	2.735	0	%100
67	M87	X	0	0	0	%100
68	M87	Z	14.776	14.776	0	%100
69	M88A	X	0	0	0	%100
70	M88A	Z	20.066	20.066	0	%100
71	M90	X	0	0	0	%100
72	M90	Z	21.135	21.135	0	%100
73	M92A	X	0	0	0	%100
74	M92A	Z	14.776	14.776	0	%100
75	M93	X	0	0	0	%100
76	M93	Z	5.016	5.016	0	%100
77	M95	X	0	0	0	%100
78	M95	Z	5.284	5.284	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[in,%]	End Location[in,%]
79	M84B	X	0	0	0	%100
80	M84B	Z	7.798	7.798	0	%100
81	M129	X	0	0	0	%100
82	M129	Z	9.076	9.076	0	%100
83	M130	X	0	0	0	%100
84	M130	Z	3.468	3.468	0	%100
85	M131	X	0	0	0	%100
86	M131	Z	9.076	9.076	0	%100
87	M132	X	0	0	0	%100
88	M132	Z	2.301	2.301	0	%100
89	M133	X	0	0	0	%100
90	M133	Z	9.206	9.206	0	%100
91	M134A	X	0	0	0	%100
92	M134A	Z	2.301	2.301	0	%100
93	M134	X	0	0	0	%100
94	M134	Z	5.773	5.773	0	%100
95	MP4A	X	0	0	0	%100
96	MP4A	Z	6.787	6.787	0	%100
97	MP3A	X	0	0	0	%100
98	MP3A	Z	6.787	6.787	0	%100
99	M95A	X	0	0	0	%100
100	M95A	Z	2.873	2.873	0	%100
101	MP2C	X	0	0	0	%100
102	MP2C	Z	6.787	6.787	0	%100
103	MP1C	X	0	0	0	%100
104	MP1C	Z	6.787	6.787	0	%100
105	M102	X	0	0	0	%100
106	M102	Z	1.95	1.95	0	%100
107	MP4C	X	0	0	0	%100
108	MP4C	Z	6.787	6.787	0	%100
109	MP3C	X	0	0	0	%100
110	MP3C	Z	6.787	6.787	0	%100
111	M109	X	0	0	0	%100
112	M109	Z	2.873	2.873	0	%100
113	MP2B	X	0	0	0	%100
114	MP2B	Z	6.787	6.787	0	%100
115	MP1B	X	0	0	0	%100
116	MP1B	Z	6.787	6.787	0	%100
117	M116	X	0	0	0	%100
118	M116	Z	1.95	1.95	0	%100
119	MP4B	X	0	0	0	%100
120	MP4B	Z	6.787	6.787	0	%100
121	MP3B	X	0	0	0	%100
122	MP3B	Z	6.787	6.787	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[in,%]	End Location[in,%]
1	M1	X	-4.31	-4.31	0	%100
2	M1	Z	7.464	7.464	0	%100
3	M4	X	-1.459	-1.459	0	%100
4	M4	Z	2.527	2.527	0	%100
5	M10	X	-3.704	-3.704	0	%100
6	M10	Z	6.415	6.415	0	%100
7	MP2A	X	-3.52	-3.52	0	%100
8	MP2A	Z	6.097	6.097	0	%100
9	MP1A	X	-3.52	-3.52	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[in,%]	End Location[in,%]
10	MP1A	Z	6.097	6.097	0	%100
11	M43	X	-3.704	-3.704	0	%100
12	M43	Z	6.415	6.415	0	%100
13	M46	X	-7.388	-7.388	0	%100
14	M46	Z	12.796	12.796	0	%100
15	M51B	X	-4.102	-4.102	0	%100
16	M51B	Z	7.105	7.105	0	%100
17	M52B	X	0	0	0	%100
18	M52B	Z	0	0	0	%100
19	M76	X	-2.463	-2.463	0	%100
20	M76	Z	4.265	4.265	0	%100
21	M77	X	-7.525	-7.525	0	%100
22	M77	Z	13.033	13.033	0	%100
23	M80	X	-7.926	-7.926	0	%100
24	M80	Z	13.727	13.727	0	%100
25	M84	X	-2.463	-2.463	0	%100
26	M84	Z	4.265	4.265	0	%100
27	M85	X	0	0	0	%100
28	M85	Z	0	0	0	%100
29	M91	X	0	0	0	%100
30	M91	Z	0	0	0	%100
31	M52A	X	-1.459	-1.459	0	%100
32	M52A	Z	2.527	2.527	0	%100
33	M53	X	-3.704	-3.704	0	%100
34	M53	Z	6.415	6.415	0	%100
35	M54	X	-3.704	-3.704	0	%100
36	M54	Z	6.415	6.415	0	%100
37	M55	X	-7.388	-7.388	0	%100
38	M55	Z	12.796	12.796	0	%100
39	M58A	X	0	0	0	%100
40	M58A	Z	0	0	0	%100
41	M59A	X	-4.102	-4.102	0	%100
42	M59A	Z	7.105	7.105	0	%100
43	M63	X	-2.463	-2.463	0	%100
44	M63	Z	4.265	4.265	0	%100
45	M64	X	0	0	0	%100
46	M64	Z	0	0	0	%100
47	M66	X	0	0	0	%100
48	M66	Z	0	0	0	%100
49	M68	X	-2.463	-2.463	0	%100
50	M68	Z	4.265	4.265	0	%100
51	M69	X	-7.525	-7.525	0	%100
52	M69	Z	13.033	13.033	0	%100
53	M71	X	-7.926	-7.926	0	%100
54	M71	Z	13.727	13.727	0	%100
55	M76A	X	-5.836	-5.836	0	%100
56	M76A	Z	10.109	10.109	0	%100
57	M77A	X	0	0	0	%100
58	M77A	Z	0	0	0	%100
59	M78	X	0	0	0	%100
60	M78	Z	0	0	0	%100
61	M79A	X	0	0	0	%100
62	M79A	Z	0	0	0	%100
63	M82	X	-4.102	-4.102	0	%100
64	M82	Z	7.105	7.105	0	%100
65	M83A	X	-4.102	-4.102	0	%100
66	M83A	Z	7.105	7.105	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[in,%]	End Location[in,%]
67	M87	X	-9.85	-9.85	0	%100
68	M87	Z	17.061	17.061	0	%100
69	M88A	X	-7.525	-7.525	0	%100
70	M88A	Z	13.033	13.033	0	%100
71	M90	X	-7.926	-7.926	0	%100
72	M90	Z	13.727	13.727	0	%100
73	M92A	X	-9.85	-9.85	0	%100
74	M92A	Z	17.061	17.061	0	%100
75	M93	X	-7.525	-7.525	0	%100
76	M93	Z	13.033	13.033	0	%100
77	M95	X	-7.926	-7.926	0	%100
78	M95	Z	13.727	13.727	0	%100
79	M84B	X	-2.924	-2.924	0	%100
80	M84B	Z	5.065	5.065	0	%100
81	M129	X	-5.472	-5.472	0	%100
82	M129	Z	9.479	9.479	0	%100
83	M130	X	-2.669	-2.669	0	%100
84	M130	Z	4.622	4.622	0	%100
85	M131	X	-2.669	-2.669	0	%100
86	M131	Z	4.622	4.622	0	%100
87	M132	X	-3.452	-3.452	0	%100
88	M132	Z	5.979	5.979	0	%100
89	M133	X	-3.452	-3.452	0	%100
90	M133	Z	5.979	5.979	0	%100
91	M134A	X	0	0	0	%100
92	M134A	Z	0	0	0	%100
93	M134	X	-2.954	-2.954	0	%100
94	M134	Z	5.117	5.117	0	%100
95	MP4A	X	-3.52	-3.52	0	%100
96	MP4A	Z	6.097	6.097	0	%100
97	MP3A	X	-3.52	-3.52	0	%100
98	MP3A	Z	6.097	6.097	0	%100
99	M95A	X	-4.31	-4.31	0	%100
100	M95A	Z	7.464	7.464	0	%100
101	MP2C	X	-3.52	-3.52	0	%100
102	MP2C	Z	6.097	6.097	0	%100
103	MP1C	X	-3.52	-3.52	0	%100
104	MP1C	Z	6.097	6.097	0	%100
105	M102	X	-2.924	-2.924	0	%100
106	M102	Z	5.065	5.065	0	%100
107	MP4C	X	-3.52	-3.52	0	%100
108	MP4C	Z	6.097	6.097	0	%100
109	MP3C	X	-3.52	-3.52	0	%100
110	MP3C	Z	6.097	6.097	0	%100
111	M109	X	0	0	0	%100
112	M109	Z	0	0	0	%100
113	MP2B	X	-3.52	-3.52	0	%100
114	MP2B	Z	6.097	6.097	0	%100
115	MP1B	X	-3.52	-3.52	0	%100
116	MP1B	Z	6.097	6.097	0	%100
117	M116	X	0	0	0	%100
118	M116	Z	0	0	0	%100
119	MP4B	X	-3.52	-3.52	0	%100
120	MP4B	Z	6.097	6.097	0	%100
121	MP3B	X	-3.52	-3.52	0	%100
122	MP3B	Z	6.097	6.097	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[in,%]	End Location[in,%]
1	M1	X	-2.488	-2.488	0	%100
2	M1	Z	1.437	1.437	0	%100
3	M4	X	-7.582	-7.582	0	%100
4	M4	Z	4.377	4.377	0	%100
5	M10	X	-2.138	-2.138	0	%100
6	M10	Z	1.235	1.235	0	%100
7	MP2A	X	-6.535	-6.535	0	%100
8	MP2A	Z	3.773	3.773	0	%100
9	MP1A	X	-6.535	-6.535	0	%100
10	MP1A	Z	3.773	3.773	0	%100
11	M43	X	-2.138	-2.138	0	%100
12	M43	Z	1.235	1.235	0	%100
13	M46	X	-4.265	-4.265	0	%100
14	M46	Z	2.463	2.463	0	%100
15	M51B	X	-9.474	-9.474	0	%100
16	M51B	Z	5.47	5.47	0	%100
17	M52B	X	-2.368	-2.368	0	%100
18	M52B	Z	1.367	1.367	0	%100
19	M76	X	-12.796	-12.796	0	%100
20	M76	Z	7.388	7.388	0	%100
21	M77	X	-17.377	-17.377	0	%100
22	M77	Z	10.033	10.033	0	%100
23	M80	X	-18.303	-18.303	0	%100
24	M80	Z	10.567	10.567	0	%100
25	M84	X	-12.796	-12.796	0	%100
26	M84	Z	7.388	7.388	0	%100
27	M85	X	-4.344	-4.344	0	%100
28	M85	Z	2.508	2.508	0	%100
29	M91	X	-4.576	-4.576	0	%100
30	M91	Z	2.642	2.642	0	%100
31	M52A	X	0	0	0	%100
32	M52A	Z	0	0	0	%100
33	M53	X	-8.554	-8.554	0	%100
34	M53	Z	4.939	4.939	0	%100
35	M54	X	-8.554	-8.554	0	%100
36	M54	Z	4.939	4.939	0	%100
37	M55	X	-17.061	-17.061	0	%100
38	M55	Z	9.85	9.85	0	%100
39	M58A	X	-2.368	-2.368	0	%100
40	M58A	Z	1.367	1.367	0	%100
41	M59A	X	-2.368	-2.368	0	%100
42	M59A	Z	1.367	1.367	0	%100
43	M63	X	0	0	0	%100
44	M63	Z	0	0	0	%100
45	M64	X	-4.344	-4.344	0	%100
46	M64	Z	2.508	2.508	0	%100
47	M66	X	-4.576	-4.576	0	%100
48	M66	Z	2.642	2.642	0	%100
49	M68	X	0	0	0	%100
50	M68	Z	0	0	0	%100
51	M69	X	-4.344	-4.344	0	%100
52	M69	Z	2.508	2.508	0	%100
53	M71	X	-4.576	-4.576	0	%100
54	M71	Z	2.642	2.642	0	%100
55	M76A	X	-7.582	-7.582	0	%100
56	M76A	Z	4.377	4.377	0	%100
57	M77A	X	-2.138	-2.138	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[in,%]	End Location[in,%]
58	M77A	Z	1.235	1.235	0	%100
59	M78	X	-2.138	-2.138	0	%100
60	M78	Z	1.235	1.235	0	%100
61	M79A	X	-4.265	-4.265	0	%100
62	M79A	Z	2.463	2.463	0	%100
63	M82	X	-2.368	-2.368	0	%100
64	M82	Z	1.367	1.367	0	%100
65	M83A	X	-9.474	-9.474	0	%100
66	M83A	Z	5.47	5.47	0	%100
67	M87	X	-12.796	-12.796	0	%100
68	M87	Z	7.388	7.388	0	%100
69	M88A	X	-4.344	-4.344	0	%100
70	M88A	Z	2.508	2.508	0	%100
71	M90	X	-4.576	-4.576	0	%100
72	M90	Z	2.642	2.642	0	%100
73	M92A	X	-12.796	-12.796	0	%100
74	M92A	Z	7.388	7.388	0	%100
75	M93	X	-17.377	-17.377	0	%100
76	M93	Z	10.033	10.033	0	%100
77	M95	X	-18.303	-18.303	0	%100
78	M95	Z	10.567	10.567	0	%100
79	M84B	X	-1.688	-1.688	0	%100
80	M84B	Z	.975	.975	0	%100
81	M129	X	-7.86	-7.86	0	%100
82	M129	Z	4.538	4.538	0	%100
83	M130	X	-7.86	-7.86	0	%100
84	M130	Z	4.538	4.538	0	%100
85	M131	X	-3.004	-3.004	0	%100
86	M131	Z	1.734	1.734	0	%100
87	M132	X	-7.973	-7.973	0	%100
88	M132	Z	4.603	4.603	0	%100
89	M133	X	-1.993	-1.993	0	%100
90	M133	Z	1.151	1.151	0	%100
91	M134A	X	-1.993	-1.993	0	%100
92	M134A	Z	1.151	1.151	0	%100
93	M134	X	-5.352	-5.352	0	%100
94	M134	Z	3.09	3.09	0	%100
95	MP4A	X	-6.535	-6.535	0	%100
96	MP4A	Z	3.773	3.773	0	%100
97	MP3A	X	-6.535	-6.535	0	%100
98	MP3A	Z	3.773	3.773	0	%100
99	M95A	X	-9.952	-9.952	0	%100
100	M95A	Z	5.746	5.746	0	%100
101	MP2C	X	-6.535	-6.535	0	%100
102	MP2C	Z	3.773	3.773	0	%100
103	MP1C	X	-6.535	-6.535	0	%100
104	MP1C	Z	3.773	3.773	0	%100
105	M102	X	-6.753	-6.753	0	%100
106	M102	Z	3.899	3.899	0	%100
107	MP4C	X	-6.535	-6.535	0	%100
108	MP4C	Z	3.773	3.773	0	%100
109	MP3C	X	-6.535	-6.535	0	%100
110	MP3C	Z	3.773	3.773	0	%100
111	M109	X	-2.488	-2.488	0	%100
112	M109	Z	1.437	1.437	0	%100
113	MP2B	X	-6.535	-6.535	0	%100
114	MP2B	Z	3.773	3.773	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[in,%]	End Location[in,%]
115	MP1B	X	-6.535	-6.535	0	%100
116	MP1B	Z	3.773	3.773	0	%100
117	M116	X	-1.688	-1.688	0	%100
118	M116	Z	.975	.975	0	%100
119	MP4B	X	-6.535	-6.535	0	%100
120	MP4B	Z	3.773	3.773	0	%100
121	MP3B	X	-6.535	-6.535	0	%100
122	MP3B	Z	3.773	3.773	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[in,%]	End Location[in,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	-11.673	-11.673	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	MP2A	X	-7.798	-7.798	0	%100
8	MP2A	Z	0	0	0	%100
9	MP1A	X	-7.798	-7.798	0	%100
10	MP1A	Z	0	0	0	%100
11	M43	X	0	0	0	%100
12	M43	Z	0	0	0	%100
13	M46	X	0	0	0	%100
14	M46	Z	0	0	0	%100
15	M51B	X	-8.205	-8.205	0	%100
16	M51B	Z	0	0	0	%100
17	M52B	X	-8.205	-8.205	0	%100
18	M52B	Z	0	0	0	%100
19	M76	X	-19.701	-19.701	0	%100
20	M76	Z	0	0	0	%100
21	M77	X	-15.049	-15.049	0	%100
22	M77	Z	0	0	0	%100
23	M80	X	-15.851	-15.851	0	%100
24	M80	Z	0	0	0	%100
25	M84	X	-19.701	-19.701	0	%100
26	M84	Z	0	0	0	%100
27	M85	X	-15.049	-15.049	0	%100
28	M85	Z	0	0	0	%100
29	M91	X	-15.851	-15.851	0	%100
30	M91	Z	0	0	0	%100
31	M52A	X	-2.918	-2.918	0	%100
32	M52A	Z	0	0	0	%100
33	M53	X	-7.408	-7.408	0	%100
34	M53	Z	0	0	0	%100
35	M54	X	-7.408	-7.408	0	%100
36	M54	Z	0	0	0	%100
37	M55	X	-14.776	-14.776	0	%100
38	M55	Z	0	0	0	%100
39	M58A	X	-8.205	-8.205	0	%100
40	M58A	Z	0	0	0	%100
41	M59A	X	0	0	0	%100
42	M59A	Z	0	0	0	%100
43	M63	X	-4.925	-4.925	0	%100
44	M63	Z	0	0	0	%100
45	M64	X	-15.049	-15.049	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[in,%]	End Location[in,%]
46	M64	Z	0	0	0	%100
47	M66	X	-15.851	-15.851	0	%100
48	M66	Z	0	0	0	%100
49	M68	X	-4.925	-4.925	0	%100
50	M68	Z	0	0	0	%100
51	M69	X	0	0	0	%100
52	M69	Z	0	0	0	%100
53	M71	X	0	0	0	%100
54	M71	Z	0	0	0	%100
55	M76A	X	-2.918	-2.918	0	%100
56	M76A	Z	0	0	0	%100
57	M77A	X	-7.408	-7.408	0	%100
58	M77A	Z	0	0	0	%100
59	M78	X	-7.408	-7.408	0	%100
60	M78	Z	0	0	0	%100
61	M79A	X	-14.776	-14.776	0	%100
62	M79A	Z	0	0	0	%100
63	M82	X	0	0	0	%100
64	M82	Z	0	0	0	%100
65	M83A	X	-8.205	-8.205	0	%100
66	M83A	Z	0	0	0	%100
67	M87	X	-4.925	-4.925	0	%100
68	M87	Z	0	0	0	%100
69	M88A	X	0	0	0	%100
70	M88A	Z	0	0	0	%100
71	M90	X	0	0	0	%100
72	M90	Z	0	0	0	%100
73	M92A	X	-4.925	-4.925	0	%100
74	M92A	Z	0	0	0	%100
75	M93	X	-15.049	-15.049	0	%100
76	M93	Z	0	0	0	%100
77	M95	X	-15.851	-15.851	0	%100
78	M95	Z	0	0	0	%100
79	M84B	X	0	0	0	%100
80	M84B	Z	0	0	0	%100
81	M129	X	-5.337	-5.337	0	%100
82	M129	Z	0	0	0	%100
83	M130	X	-10.945	-10.945	0	%100
84	M130	Z	0	0	0	%100
85	M131	X	-5.337	-5.337	0	%100
86	M131	Z	0	0	0	%100
87	M132	X	-6.904	-6.904	0	%100
88	M132	Z	0	0	0	%100
89	M133	X	0	0	0	%100
90	M133	Z	0	0	0	%100
91	M134A	X	-6.904	-6.904	0	%100
92	M134A	Z	0	0	0	%100
93	M134	X	-6.316	-6.316	0	%100
94	M134	Z	0	0	0	%100
95	MP4A	X	-7.798	-7.798	0	%100
96	MP4A	Z	0	0	0	%100
97	MP3A	X	-7.798	-7.798	0	%100
98	MP3A	Z	0	0	0	%100
99	M95A	X	-8.619	-8.619	0	%100
100	M95A	Z	0	0	0	%100
101	MP2C	X	-7.798	-7.798	0	%100
102	MP2C	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
103	MP1C	X	-7.798	-7.798	0	%100
104	MP1C	Z	0	0	0	%100
105	M102	X	-5.849	-5.849	0	%100
106	M102	Z	0	0	0	%100
107	MP4C	X	-7.798	-7.798	0	%100
108	MP4C	Z	0	0	0	%100
109	MP3C	X	-7.798	-7.798	0	%100
110	MP3C	Z	0	0	0	%100
111	M109	X	-8.619	-8.619	0	%100
112	M109	Z	0	0	0	%100
113	MP2B	X	-7.798	-7.798	0	%100
114	MP2B	Z	0	0	0	%100
115	MP1B	X	-7.798	-7.798	0	%100
116	MP1B	Z	0	0	0	%100
117	M116	X	-5.849	-5.849	0	%100
118	M116	Z	0	0	0	%100
119	MP4B	X	-7.798	-7.798	0	%100
120	MP4B	Z	0	0	0	%100
121	MP3B	X	-7.798	-7.798	0	%100
122	MP3B	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[in,%]	End Location[in,%]
1	M1	X	-2.488	-2.488	0	%100
2	M1	Z	-1.437	-1.437	0	%100
3	M4	X	-7.582	-7.582	0	%100
4	M4	Z	-4.377	-4.377	0	%100
5	M10	X	-2.138	-2.138	0	%100
6	M10	Z	-1.235	-1.235	0	%100
7	MP2A	X	-6.535	-6.535	0	%100
8	MP2A	Z	-3.773	-3.773	0	%100
9	MP1A	X	-6.535	-6.535	0	%100
10	MP1A	Z	-3.773	-3.773	0	%100
11	M43	X	-2.138	-2.138	0	%100
12	M43	Z	-1.235	-1.235	0	%100
13	M46	X	-4.265	-4.265	0	%100
14	M46	Z	-2.463	-2.463	0	%100
15	M51B	X	-2.368	-2.368	0	%100
16	M51B	Z	-1.367	-1.367	0	%100
17	M52B	X	-9.474	-9.474	0	%100
18	M52B	Z	-5.47	-5.47	0	%100
19	M76	X	-12.796	-12.796	0	%100
20	M76	Z	-7.388	-7.388	0	%100
21	M77	X	-4.344	-4.344	0	%100
22	M77	Z	-2.508	-2.508	0	%100
23	M80	X	-4.576	-4.576	0	%100
24	M80	Z	-2.642	-2.642	0	%100
25	M84	X	-12.796	-12.796	0	%100
26	M84	Z	-7.388	-7.388	0	%100
27	M85	X	-17.377	-17.377	0	%100
28	M85	Z	-10.033	-10.033	0	%100
29	M91	X	-18.303	-18.303	0	%100
30	M91	Z	-10.567	-10.567	0	%100
31	M52A	X	-7.582	-7.582	0	%100
32	M52A	Z	-4.377	-4.377	0	%100
33	M53	X	-2.138	-2.138	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[in,%]	End Location[in,%]
34	M53	Z	-1.235	-1.235	0	%100
35	M54	X	-2.138	-2.138	0	%100
36	M54	Z	-1.235	-1.235	0	%100
37	M55	X	-4.265	-4.265	0	%100
38	M55	Z	-2.463	-2.463	0	%100
39	M58A	X	-9.474	-9.474	0	%100
40	M58A	Z	-5.47	-5.47	0	%100
41	M59A	X	-2.368	-2.368	0	%100
42	M59A	Z	-1.367	-1.367	0	%100
43	M63	X	-12.796	-12.796	0	%100
44	M63	Z	-7.388	-7.388	0	%100
45	M64	X	-17.377	-17.377	0	%100
46	M64	Z	-10.033	-10.033	0	%100
47	M66	X	-18.303	-18.303	0	%100
48	M66	Z	-10.567	-10.567	0	%100
49	M68	X	-12.796	-12.796	0	%100
50	M68	Z	-7.388	-7.388	0	%100
51	M69	X	-4.344	-4.344	0	%100
52	M69	Z	-2.508	-2.508	0	%100
53	M71	X	-4.576	-4.576	0	%100
54	M71	Z	-2.642	-2.642	0	%100
55	M76A	X	0	0	0	%100
56	M76A	Z	0	0	0	%100
57	M77A	X	-8.554	-8.554	0	%100
58	M77A	Z	-4.939	-4.939	0	%100
59	M78	X	-8.554	-8.554	0	%100
60	M78	Z	-4.939	-4.939	0	%100
61	M79A	X	-17.061	-17.061	0	%100
62	M79A	Z	-9.85	-9.85	0	%100
63	M82	X	-2.368	-2.368	0	%100
64	M82	Z	-1.367	-1.367	0	%100
65	M83A	X	-2.368	-2.368	0	%100
66	M83A	Z	-1.367	-1.367	0	%100
67	M87	X	0	0	0	%100
68	M87	Z	0	0	0	%100
69	M88A	X	-4.344	-4.344	0	%100
70	M88A	Z	-2.508	-2.508	0	%100
71	M90	X	-4.576	-4.576	0	%100
72	M90	Z	-2.642	-2.642	0	%100
73	M92A	X	0	0	0	%100
74	M92A	Z	0	0	0	%100
75	M93	X	-4.344	-4.344	0	%100
76	M93	Z	-2.508	-2.508	0	%100
77	M95	X	-4.576	-4.576	0	%100
78	M95	Z	-2.642	-2.642	0	%100
79	M84B	X	-1.688	-1.688	0	%100
80	M84B	Z	-.975	-.975	0	%100
81	M129	X	-3.004	-3.004	0	%100
82	M129	Z	-1.734	-1.734	0	%100
83	M130	X	-7.86	-7.86	0	%100
84	M130	Z	-4.538	-4.538	0	%100
85	M131	X	-7.86	-7.86	0	%100
86	M131	Z	-4.538	-4.538	0	%100
87	M132	X	-1.993	-1.993	0	%100
88	M132	Z	-1.151	-1.151	0	%100
89	M133	X	-1.993	-1.993	0	%100
90	M133	Z	-1.151	-1.151	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[in,%]	End Location[in,%]
91	M134A	X	-7.973	-7.973	0	%100
92	M134A	Z	-4.603	-4.603	0	%100
93	M134	X	-5.352	-5.352	0	%100
94	M134	Z	-3.09	-3.09	0	%100
95	MP4A	X	-6.535	-6.535	0	%100
96	MP4A	Z	-3.773	-3.773	0	%100
97	MP3A	X	-6.535	-6.535	0	%100
98	MP3A	Z	-3.773	-3.773	0	%100
99	M95A	X	-2.488	-2.488	0	%100
100	M95A	Z	-1.437	-1.437	0	%100
101	MP2C	X	-6.535	-6.535	0	%100
102	MP2C	Z	-3.773	-3.773	0	%100
103	MP1C	X	-6.535	-6.535	0	%100
104	MP1C	Z	-3.773	-3.773	0	%100
105	M102	X	-1.688	-1.688	0	%100
106	M102	Z	-.975	-.975	0	%100
107	MP4C	X	-6.535	-6.535	0	%100
108	MP4C	Z	-3.773	-3.773	0	%100
109	MP3C	X	-6.535	-6.535	0	%100
110	MP3C	Z	-3.773	-3.773	0	%100
111	M109	X	-9.952	-9.952	0	%100
112	M109	Z	-5.746	-5.746	0	%100
113	MP2B	X	-6.535	-6.535	0	%100
114	MP2B	Z	-3.773	-3.773	0	%100
115	MP1B	X	-6.535	-6.535	0	%100
116	MP1B	Z	-3.773	-3.773	0	%100
117	M116	X	-6.753	-6.753	0	%100
118	M116	Z	-3.899	-3.899	0	%100
119	MP4B	X	-6.535	-6.535	0	%100
120	MP4B	Z	-3.773	-3.773	0	%100
121	MP3B	X	-6.535	-6.535	0	%100
122	MP3B	Z	-3.773	-3.773	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[in,%]	End Location[in,%]
1	M1	X	-4.31	-4.31	0	%100
2	M1	Z	-7.464	-7.464	0	%100
3	M4	X	-1.459	-1.459	0	%100
4	M4	Z	-2.527	-2.527	0	%100
5	M10	X	-3.704	-3.704	0	%100
6	M10	Z	-6.415	-6.415	0	%100
7	MP2A	X	-3.52	-3.52	0	%100
8	MP2A	Z	-6.097	-6.097	0	%100
9	MP1A	X	-3.52	-3.52	0	%100
10	MP1A	Z	-6.097	-6.097	0	%100
11	M43	X	-3.704	-3.704	0	%100
12	M43	Z	-6.415	-6.415	0	%100
13	M46	X	-7.388	-7.388	0	%100
14	M46	Z	-12.796	-12.796	0	%100
15	M51B	X	0	0	0	%100
16	M51B	Z	0	0	0	%100
17	M52B	X	-4.102	-4.102	0	%100
18	M52B	Z	-7.105	-7.105	0	%100
19	M76	X	-2.463	-2.463	0	%100
20	M76	Z	-4.265	-4.265	0	%100
21	M77	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
22	M77	Z	0	0	0	%100
23	M80	X	0	0	0	%100
24	M80	Z	0	0	0	%100
25	M84	X	-2.463	-2.463	0	%100
26	M84	Z	-4.265	-4.265	0	%100
27	M85	X	-7.525	-7.525	0	%100
28	M85	Z	-13.033	-13.033	0	%100
29	M91	X	-7.926	-7.926	0	%100
30	M91	Z	-13.727	-13.727	0	%100
31	M52A	X	-5.836	-5.836	0	%100
32	M52A	Z	-10.109	-10.109	0	%100
33	M53	X	0	0	0	%100
34	M53	Z	0	0	0	%100
35	M54	X	0	0	0	%100
36	M54	Z	0	0	0	%100
37	M55	X	0	0	0	%100
38	M55	Z	0	0	0	%100
39	M58A	X	-4.102	-4.102	0	%100
40	M58A	Z	-7.105	-7.105	0	%100
41	M59A	X	-4.102	-4.102	0	%100
42	M59A	Z	-7.105	-7.105	0	%100
43	M63	X	-9.85	-9.85	0	%100
44	M63	Z	-17.061	-17.061	0	%100
45	M64	X	-7.525	-7.525	0	%100
46	M64	Z	-13.033	-13.033	0	%100
47	M66	X	-7.926	-7.926	0	%100
48	M66	Z	-13.727	-13.727	0	%100
49	M68	X	-9.85	-9.85	0	%100
50	M68	Z	-17.061	-17.061	0	%100
51	M69	X	-7.525	-7.525	0	%100
52	M69	Z	-13.033	-13.033	0	%100
53	M71	X	-7.926	-7.926	0	%100
54	M71	Z	-13.727	-13.727	0	%100
55	M76A	X	-1.459	-1.459	0	%100
56	M76A	Z	-2.527	-2.527	0	%100
57	M77A	X	-3.704	-3.704	0	%100
58	M77A	Z	-6.415	-6.415	0	%100
59	M78	X	-3.704	-3.704	0	%100
60	M78	Z	-6.415	-6.415	0	%100
61	M79A	X	-7.388	-7.388	0	%100
62	M79A	Z	-12.796	-12.796	0	%100
63	M82	X	-4.102	-4.102	0	%100
64	M82	Z	-7.105	-7.105	0	%100
65	M83A	X	0	0	0	%100
66	M83A	Z	0	0	0	%100
67	M87	X	-2.463	-2.463	0	%100
68	M87	Z	-4.265	-4.265	0	%100
69	M88A	X	-7.525	-7.525	0	%100
70	M88A	Z	-13.033	-13.033	0	%100
71	M90	X	-7.926	-7.926	0	%100
72	M90	Z	-13.727	-13.727	0	%100
73	M92A	X	-2.463	-2.463	0	%100
74	M92A	Z	-4.265	-4.265	0	%100
75	M93	X	0	0	0	%100
76	M93	Z	0	0	0	%100
77	M95	X	0	0	0	%100
78	M95	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
79	M84B	X	-2.924	-2.924	0	%100
80	M84B	Z	-5.065	-5.065	0	%100
81	M129	X	-2.669	-2.669	0	%100
82	M129	Z	-4.622	-4.622	0	%100
83	M130	X	-2.669	-2.669	0	%100
84	M130	Z	-4.622	-4.622	0	%100
85	M131	X	-5.472	-5.472	0	%100
86	M131	Z	-9.479	-9.479	0	%100
87	M132	X	0	0	0	%100
88	M132	Z	0	0	0	%100
89	M133	X	-3.452	-3.452	0	%100
90	M133	Z	-5.979	-5.979	0	%100
91	M134A	X	-3.452	-3.452	0	%100
92	M134A	Z	-5.979	-5.979	0	%100
93	M134	X	-2.954	-2.954	0	%100
94	M134	Z	-5.117	-5.117	0	%100
95	MP4A	X	-3.52	-3.52	0	%100
96	MP4A	Z	-6.097	-6.097	0	%100
97	MP3A	X	-3.52	-3.52	0	%100
98	MP3A	Z	-6.097	-6.097	0	%100
99	M95A	X	0	0	0	%100
100	M95A	Z	0	0	0	%100
101	MP2C	X	-3.52	-3.52	0	%100
102	MP2C	Z	-6.097	-6.097	0	%100
103	MP1C	X	-3.52	-3.52	0	%100
104	MP1C	Z	-6.097	-6.097	0	%100
105	M102	X	0	0	0	%100
106	M102	Z	0	0	0	%100
107	MP4C	X	-3.52	-3.52	0	%100
108	MP4C	Z	-6.097	-6.097	0	%100
109	MP3C	X	-3.52	-3.52	0	%100
110	MP3C	Z	-6.097	-6.097	0	%100
111	M109	X	-4.31	-4.31	0	%100
112	M109	Z	-7.464	-7.464	0	%100
113	MP2B	X	-3.52	-3.52	0	%100
114	MP2B	Z	-6.097	-6.097	0	%100
115	MP1B	X	-3.52	-3.52	0	%100
116	MP1B	Z	-6.097	-6.097	0	%100
117	M116	X	-2.924	-2.924	0	%100
118	M116	Z	-5.065	-5.065	0	%100
119	MP4B	X	-3.52	-3.52	0	%100
120	MP4B	Z	-6.097	-6.097	0	%100
121	MP3B	X	-3.52	-3.52	0	%100
122	MP3B	Z	-6.097	-6.097	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[in,%]	End Location[in,%]
1	M1	X	0	0	0	%100
2	M1	Z	-3.426	-3.426	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	-2.816	-2.816	0	%100
7	MP2A	X	0	0	0	%100
8	MP2A	Z	-2.581	-2.581	0	%100
9	MP1A	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[in,%]	End Location[in,%]
10	MP1A	Z	-2.581	-2.581	0	%100
11	M43	X	0	0	0	%100
12	M43	Z	-2.816	-2.816	0	%100
13	M46	X	0	0	0	%100
14	M46	Z	-4.404	-4.404	0	%100
15	M51B	X	0	0	0	%100
16	M51B	Z	-.81	-.81	0	%100
17	M52B	X	0	0	0	%100
18	M52B	Z	-.81	-.81	0	%100
19	M76	X	0	0	0	%100
20	M76	Z	0	0	0	%100
21	M77	X	0	0	0	%100
22	M77	Z	-1.099	-1.099	0	%100
23	M80	X	0	0	0	%100
24	M80	Z	-1.147	-1.147	0	%100
25	M84	X	0	0	0	%100
26	M84	Z	0	0	0	%100
27	M85	X	0	0	0	%100
28	M85	Z	-1.099	-1.099	0	%100
29	M91	X	0	0	0	%100
30	M91	Z	-1.147	-1.147	0	%100
31	M52A	X	0	0	0	%100
32	M52A	Z	-2.594	-2.594	0	%100
33	M53	X	0	0	0	%100
34	M53	Z	-.704	-.704	0	%100
35	M54	X	0	0	0	%100
36	M54	Z	-.704	-.704	0	%100
37	M55	X	0	0	0	%100
38	M55	Z	-1.101	-1.101	0	%100
39	M58A	X	0	0	0	%100
40	M58A	Z	-.81	-.81	0	%100
41	M59A	X	0	0	0	%100
42	M59A	Z	-3.241	-3.241	0	%100
43	M63	X	0	0	0	%100
44	M63	Z	-3.249	-3.249	0	%100
45	M64	X	0	0	0	%100
46	M64	Z	-1.099	-1.099	0	%100
47	M66	X	0	0	0	%100
48	M66	Z	-1.147	-1.147	0	%100
49	M68	X	0	0	0	%100
50	M68	Z	-3.249	-3.249	0	%100
51	M69	X	0	0	0	%100
52	M69	Z	-4.397	-4.397	0	%100
53	M71	X	0	0	0	%100
54	M71	Z	-4.589	-4.589	0	%100
55	M76A	X	0	0	0	%100
56	M76A	Z	-2.594	-2.594	0	%100
57	M77A	X	0	0	0	%100
58	M77A	Z	-.704	-.704	0	%100
59	M78	X	0	0	0	%100
60	M78	Z	-.704	-.704	0	%100
61	M79A	X	0	0	0	%100
62	M79A	Z	-1.101	-1.101	0	%100
63	M82	X	0	0	0	%100
64	M82	Z	-3.241	-3.241	0	%100
65	M83A	X	0	0	0	%100
66	M83A	Z	-.81	-.81	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[in,%]	End Location[in,%]
67	M87	X	0	0	0	%100
68	M87	Z	-3.249	-3.249	0	%100
69	M88A	X	0	0	0	%100
70	M88A	Z	-4.397	-4.397	0	%100
71	M90	X	0	0	0	%100
72	M90	Z	-4.589	-4.589	0	%100
73	M92A	X	0	0	0	%100
74	M92A	Z	-3.249	-3.249	0	%100
75	M93	X	0	0	0	%100
76	M93	Z	-1.099	-1.099	0	%100
77	M95	X	0	0	0	%100
78	M95	Z	-1.147	-1.147	0	%100
79	M84B	X	0	0	0	%100
80	M84B	Z	-2.763	-2.763	0	%100
81	M129	X	0	0	0	%100
82	M129	Z	-2.743	-2.743	0	%100
83	M130	X	0	0	0	%100
84	M130	Z	-1.048	-1.048	0	%100
85	M131	X	0	0	0	%100
86	M131	Z	-2.743	-2.743	0	%100
87	M132	X	0	0	0	%100
88	M132	Z	-.636	-.636	0	%100
89	M133	X	0	0	0	%100
90	M133	Z	-2.542	-2.542	0	%100
91	M134A	X	0	0	0	%100
92	M134A	Z	-.636	-.636	0	%100
93	M134	X	0	0	0	%100
94	M134	Z	-2.15	-2.15	0	%100
95	MP4A	X	0	0	0	%100
96	MP4A	Z	-2.581	-2.581	0	%100
97	MP3A	X	0	0	0	%100
98	MP3A	Z	-2.581	-2.581	0	%100
99	M95A	X	0	0	0	%100
100	M95A	Z	-.856	-.856	0	%100
101	MP2C	X	0	0	0	%100
102	MP2C	Z	-2.581	-2.581	0	%100
103	MP1C	X	0	0	0	%100
104	MP1C	Z	-2.581	-2.581	0	%100
105	M102	X	0	0	0	%100
106	M102	Z	-.691	-.691	0	%100
107	MP4C	X	0	0	0	%100
108	MP4C	Z	-2.581	-2.581	0	%100
109	MP3C	X	0	0	0	%100
110	MP3C	Z	-2.581	-2.581	0	%100
111	M109	X	0	0	0	%100
112	M109	Z	-.856	-.856	0	%100
113	MP2B	X	0	0	0	%100
114	MP2B	Z	-2.581	-2.581	0	%100
115	MP1B	X	0	0	0	%100
116	MP1B	Z	-2.581	-2.581	0	%100
117	M116	X	0	0	0	%100
118	M116	Z	-.691	-.691	0	%100
119	MP4B	X	0	0	0	%100
120	MP4B	Z	-2.581	-2.581	0	%100
121	MP3B	X	0	0	0	%100
122	MP3B	Z	-2.581	-2.581	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[in,%]	End Location[in,%]
1	M1	X	1.285	1.285	0	%100
2	M1	Z	-2.225	-2.225	0	%100
3	M4	X	.432	.432	0	%100
4	M4	Z	-.749	-.749	0	%100
5	M10	X	1.056	1.056	0	%100
6	M10	Z	-1.829	-1.829	0	%100
7	MP2A	X	1.313	1.313	0	%100
8	MP2A	Z	-2.274	-2.274	0	%100
9	MP1A	X	1.313	1.313	0	%100
10	MP1A	Z	-2.274	-2.274	0	%100
11	M43	X	1.056	1.056	0	%100
12	M43	Z	-1.829	-1.829	0	%100
13	M46	X	1.651	1.651	0	%100
14	M46	Z	-2.86	-2.86	0	%100
15	M51B	X	1.215	1.215	0	%100
16	M51B	Z	-2.105	-2.105	0	%100
17	M52B	X	0	0	0	%100
18	M52B	Z	0	0	0	%100
19	M76	X	.541	.541	0	%100
20	M76	Z	-.938	-.938	0	%100
21	M77	X	1.649	1.649	0	%100
22	M77	Z	-2.856	-2.856	0	%100
23	M80	X	1.721	1.721	0	%100
24	M80	Z	-2.981	-2.981	0	%100
25	M84	X	.541	.541	0	%100
26	M84	Z	-.938	-.938	0	%100
27	M85	X	0	0	0	%100
28	M85	Z	0	0	0	%100
29	M91	X	0	0	0	%100
30	M91	Z	0	0	0	%100
31	M52A	X	.432	.432	0	%100
32	M52A	Z	-.749	-.749	0	%100
33	M53	X	1.056	1.056	0	%100
34	M53	Z	-1.829	-1.829	0	%100
35	M54	X	1.056	1.056	0	%100
36	M54	Z	-1.829	-1.829	0	%100
37	M55	X	1.651	1.651	0	%100
38	M55	Z	-2.86	-2.86	0	%100
39	M58A	X	0	0	0	%100
40	M58A	Z	0	0	0	%100
41	M59A	X	1.215	1.215	0	%100
42	M59A	Z	-2.105	-2.105	0	%100
43	M63	X	.541	.541	0	%100
44	M63	Z	-.938	-.938	0	%100
45	M64	X	0	0	0	%100
46	M64	Z	0	0	0	%100
47	M66	X	0	0	0	%100
48	M66	Z	0	0	0	%100
49	M68	X	.541	.541	0	%100
50	M68	Z	-.938	-.938	0	%100
51	M69	X	1.649	1.649	0	%100
52	M69	Z	-2.856	-2.856	0	%100
53	M71	X	1.721	1.721	0	%100
54	M71	Z	-2.981	-2.981	0	%100
55	M76A	X	1.729	1.729	0	%100
56	M76A	Z	-2.995	-2.995	0	%100
57	M77A	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
58	M77A	Z	0	0	0	%100
59	M78	X	0	0	0	%100
60	M78	Z	0	0	0	%100
61	M79A	X	0	0	0	%100
62	M79A	Z	0	0	0	%100
63	M82	X	1.215	1.215	0	%100
64	M82	Z	-2.105	-2.105	0	%100
65	M83A	X	1.215	1.215	0	%100
66	M83A	Z	-2.105	-2.105	0	%100
67	M87	X	2.166	2.166	0	%100
68	M87	Z	-3.752	-3.752	0	%100
69	M88A	X	1.649	1.649	0	%100
70	M88A	Z	-2.856	-2.856	0	%100
71	M90	X	1.721	1.721	0	%100
72	M90	Z	-2.981	-2.981	0	%100
73	M92A	X	2.166	2.166	0	%100
74	M92A	Z	-3.752	-3.752	0	%100
75	M93	X	1.649	1.649	0	%100
76	M93	Z	-2.856	-2.856	0	%100
77	M95	X	1.721	1.721	0	%100
78	M95	Z	-2.981	-2.981	0	%100
79	M84B	X	1.036	1.036	0	%100
80	M84B	Z	-1.794	-1.794	0	%100
81	M129	X	1.654	1.654	0	%100
82	M129	Z	-2.865	-2.865	0	%100
83	M130	X	.807	.807	0	%100
84	M130	Z	-1.397	-1.397	0	%100
85	M131	X	.807	.807	0	%100
86	M131	Z	-1.397	-1.397	0	%100
87	M132	X	.953	.953	0	%100
88	M132	Z	-1.651	-1.651	0	%100
89	M133	X	.953	.953	0	%100
90	M133	Z	-1.651	-1.651	0	%100
91	M134A	X	0	0	0	%100
92	M134A	Z	0	0	0	%100
93	M134	X	1.087	1.087	0	%100
94	M134	Z	-1.883	-1.883	0	%100
95	MP4A	X	1.313	1.313	0	%100
96	MP4A	Z	-2.274	-2.274	0	%100
97	MP3A	X	1.313	1.313	0	%100
98	MP3A	Z	-2.274	-2.274	0	%100
99	M95A	X	1.285	1.285	0	%100
100	M95A	Z	-2.225	-2.225	0	%100
101	MP2C	X	1.313	1.313	0	%100
102	MP2C	Z	-2.274	-2.274	0	%100
103	MP1C	X	1.313	1.313	0	%100
104	MP1C	Z	-2.274	-2.274	0	%100
105	M102	X	1.036	1.036	0	%100
106	M102	Z	-1.794	-1.794	0	%100
107	MP4C	X	1.313	1.313	0	%100
108	MP4C	Z	-2.274	-2.274	0	%100
109	MP3C	X	1.313	1.313	0	%100
110	MP3C	Z	-2.274	-2.274	0	%100
111	M109	X	0	0	0	%100
112	M109	Z	0	0	0	%100
113	MP2B	X	1.313	1.313	0	%100
114	MP2B	Z	-2.274	-2.274	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[in,%]	End Location[in,%]
115	MP1B	X	1.313	1.313	0	%100
116	MP1B	Z	-2.274	-2.274	0	%100
117	M116	X	0	0	0	%100
118	M116	Z	0	0	0	%100
119	MP4B	X	1.313	1.313	0	%100
120	MP4B	Z	-2.274	-2.274	0	%100
121	MP3B	X	1.313	1.313	0	%100
122	MP3B	Z	-2.274	-2.274	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[in,%]	End Location[in,%]
1	M1	X	.742	.742	0	%100
2	M1	Z	-.428	-.428	0	%100
3	M4	X	2.246	2.246	0	%100
4	M4	Z	-1.297	-1.297	0	%100
5	M10	X	.61	.61	0	%100
6	M10	Z	-.352	-.352	0	%100
7	MP2A	X	2.353	2.353	0	%100
8	MP2A	Z	-1.359	-1.359	0	%100
9	MP1A	X	2.353	2.353	0	%100
10	MP1A	Z	-1.359	-1.359	0	%100
11	M43	X	.61	.61	0	%100
12	M43	Z	-.352	-.352	0	%100
13	M46	X	.953	.953	0	%100
14	M46	Z	-.55	-.55	0	%100
15	M51B	X	2.807	2.807	0	%100
16	M51B	Z	-1.621	-1.621	0	%100
17	M52B	X	.702	.702	0	%100
18	M52B	Z	-.405	-.405	0	%100
19	M76	X	2.814	2.814	0	%100
20	M76	Z	-1.624	-1.624	0	%100
21	M77	X	3.808	3.808	0	%100
22	M77	Z	-2.199	-2.199	0	%100
23	M80	X	3.975	3.975	0	%100
24	M80	Z	-2.295	-2.295	0	%100
25	M84	X	2.814	2.814	0	%100
26	M84	Z	-1.624	-1.624	0	%100
27	M85	X	.952	.952	0	%100
28	M85	Z	-.55	-.55	0	%100
29	M91	X	.994	.994	0	%100
30	M91	Z	-.574	-.574	0	%100
31	M52A	X	0	0	0	%100
32	M52A	Z	0	0	0	%100
33	M53	X	2.439	2.439	0	%100
34	M53	Z	-1.408	-1.408	0	%100
35	M54	X	2.439	2.439	0	%100
36	M54	Z	-1.408	-1.408	0	%100
37	M55	X	3.814	3.814	0	%100
38	M55	Z	-2.202	-2.202	0	%100
39	M58A	X	.702	.702	0	%100
40	M58A	Z	-.405	-.405	0	%100
41	M59A	X	.702	.702	0	%100
42	M59A	Z	-.405	-.405	0	%100
43	M63	X	0	0	0	%100
44	M63	Z	0	0	0	%100
45	M64	X	.952	.952	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[in,%]	End Location[in,%]
46	M64	Z	-.55	-.55	0	%100
47	M66	X	.994	.994	0	%100
48	M66	Z	-.574	-.574	0	%100
49	M68	X	0	0	0	%100
50	M68	Z	0	0	0	%100
51	M69	X	.952	.952	0	%100
52	M69	Z	-.55	-.55	0	%100
53	M71	X	.994	.994	0	%100
54	M71	Z	-.574	-.574	0	%100
55	M76A	X	2.246	2.246	0	%100
56	M76A	Z	-1.297	-1.297	0	%100
57	M77A	X	.61	.61	0	%100
58	M77A	Z	-.352	-.352	0	%100
59	M78	X	.61	.61	0	%100
60	M78	Z	-.352	-.352	0	%100
61	M79A	X	.953	.953	0	%100
62	M79A	Z	-.55	-.55	0	%100
63	M82	X	.702	.702	0	%100
64	M82	Z	-.405	-.405	0	%100
65	M83A	X	2.807	2.807	0	%100
66	M83A	Z	-1.621	-1.621	0	%100
67	M87	X	2.814	2.814	0	%100
68	M87	Z	-1.624	-1.624	0	%100
69	M88A	X	.952	.952	0	%100
70	M88A	Z	-.55	-.55	0	%100
71	M90	X	.994	.994	0	%100
72	M90	Z	-.574	-.574	0	%100
73	M92A	X	2.814	2.814	0	%100
74	M92A	Z	-1.624	-1.624	0	%100
75	M93	X	3.808	3.808	0	%100
76	M93	Z	-2.199	-2.199	0	%100
77	M95	X	3.975	3.975	0	%100
78	M95	Z	-2.295	-2.295	0	%100
79	M84B	X	.598	.598	0	%100
80	M84B	Z	-.345	-.345	0	%100
81	M129	X	2.375	2.375	0	%100
82	M129	Z	-1.371	-1.371	0	%100
83	M130	X	2.375	2.375	0	%100
84	M130	Z	-1.371	-1.371	0	%100
85	M131	X	.908	.908	0	%100
86	M131	Z	-.524	-.524	0	%100
87	M132	X	2.202	2.202	0	%100
88	M132	Z	-1.271	-1.271	0	%100
89	M133	X	.55	.55	0	%100
90	M133	Z	-.318	-.318	0	%100
91	M134A	X	.55	.55	0	%100
92	M134A	Z	-.318	-.318	0	%100
93	M134	X	1.926	1.926	0	%100
94	M134	Z	-1.112	-1.112	0	%100
95	MP4A	X	2.353	2.353	0	%100
96	MP4A	Z	-1.359	-1.359	0	%100
97	MP3A	X	2.353	2.353	0	%100
98	MP3A	Z	-1.359	-1.359	0	%100
99	M95A	X	2.967	2.967	0	%100
100	M95A	Z	-1.713	-1.713	0	%100
101	MP2C	X	2.353	2.353	0	%100
102	MP2C	Z	-1.359	-1.359	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[in,%]	End Location[in,%]
103	MP1C	X	2.353	2.353	0	%100
104	MP1C	Z	-1.359	-1.359	0	%100
105	M102	X	2.392	2.392	0	%100
106	M102	Z	-1.381	-1.381	0	%100
107	MP4C	X	2.353	2.353	0	%100
108	MP4C	Z	-1.359	-1.359	0	%100
109	MP3C	X	2.353	2.353	0	%100
110	MP3C	Z	-1.359	-1.359	0	%100
111	M109	X	.742	.742	0	%100
112	M109	Z	-.428	-.428	0	%100
113	MP2B	X	2.353	2.353	0	%100
114	MP2B	Z	-1.359	-1.359	0	%100
115	MP1B	X	2.353	2.353	0	%100
116	MP1B	Z	-1.359	-1.359	0	%100
117	M116	X	.598	.598	0	%100
118	M116	Z	-.345	-.345	0	%100
119	MP4B	X	2.353	2.353	0	%100
120	MP4B	Z	-1.359	-1.359	0	%100
121	MP3B	X	2.353	2.353	0	%100
122	MP3B	Z	-1.359	-1.359	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[in,%]	End Location[in,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	3.458	3.458	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	MP2A	X	2.763	2.763	0	%100
8	MP2A	Z	0	0	0	%100
9	MP1A	X	2.763	2.763	0	%100
10	MP1A	Z	0	0	0	%100
11	M43	X	0	0	0	%100
12	M43	Z	0	0	0	%100
13	M46	X	0	0	0	%100
14	M46	Z	0	0	0	%100
15	M51B	X	2.431	2.431	0	%100
16	M51B	Z	0	0	0	%100
17	M52B	X	2.431	2.431	0	%100
18	M52B	Z	0	0	0	%100
19	M76	X	4.332	4.332	0	%100
20	M76	Z	0	0	0	%100
21	M77	X	3.298	3.298	0	%100
22	M77	Z	0	0	0	%100
23	M80	X	3.442	3.442	0	%100
24	M80	Z	0	0	0	%100
25	M84	X	4.332	4.332	0	%100
26	M84	Z	0	0	0	%100
27	M85	X	3.298	3.298	0	%100
28	M85	Z	0	0	0	%100
29	M91	X	3.442	3.442	0	%100
30	M91	Z	0	0	0	%100
31	M52A	X	.865	.865	0	%100
32	M52A	Z	0	0	0	%100
33	M53	X	2.112	2.112	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[in,%]	End Location[in,%]
34	M53	Z	0	0	0	%100
35	M54	X	2.112	2.112	0	%100
36	M54	Z	0	0	0	%100
37	M55	X	3.303	3.303	0	%100
38	M55	Z	0	0	0	%100
39	M58A	X	2.431	2.431	0	%100
40	M58A	Z	0	0	0	%100
41	M59A	X	0	0	0	%100
42	M59A	Z	0	0	0	%100
43	M63	X	1.083	1.083	0	%100
44	M63	Z	0	0	0	%100
45	M64	X	3.298	3.298	0	%100
46	M64	Z	0	0	0	%100
47	M66	X	3.442	3.442	0	%100
48	M66	Z	0	0	0	%100
49	M68	X	1.083	1.083	0	%100
50	M68	Z	0	0	0	%100
51	M69	X	0	0	0	%100
52	M69	Z	0	0	0	%100
53	M71	X	0	0	0	%100
54	M71	Z	0	0	0	%100
55	M76A	X	.865	.865	0	%100
56	M76A	Z	0	0	0	%100
57	M77A	X	2.112	2.112	0	%100
58	M77A	Z	0	0	0	%100
59	M78	X	2.112	2.112	0	%100
60	M78	Z	0	0	0	%100
61	M79A	X	3.303	3.303	0	%100
62	M79A	Z	0	0	0	%100
63	M82	X	0	0	0	%100
64	M82	Z	0	0	0	%100
65	M83A	X	2.431	2.431	0	%100
66	M83A	Z	0	0	0	%100
67	M87	X	1.083	1.083	0	%100
68	M87	Z	0	0	0	%100
69	M88A	X	0	0	0	%100
70	M88A	Z	0	0	0	%100
71	M90	X	0	0	0	%100
72	M90	Z	0	0	0	%100
73	M92A	X	1.083	1.083	0	%100
74	M92A	Z	0	0	0	%100
75	M93	X	3.298	3.298	0	%100
76	M93	Z	0	0	0	%100
77	M95	X	3.442	3.442	0	%100
78	M95	Z	0	0	0	%100
79	M84B	X	0	0	0	%100
80	M84B	Z	0	0	0	%100
81	M129	X	1.613	1.613	0	%100
82	M129	Z	0	0	0	%100
83	M130	X	3.308	3.308	0	%100
84	M130	Z	0	0	0	%100
85	M131	X	1.613	1.613	0	%100
86	M131	Z	0	0	0	%100
87	M132	X	1.907	1.907	0	%100
88	M132	Z	0	0	0	%100
89	M133	X	0	0	0	%100
90	M133	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[in,%]	End Location[in,%]
91	M134A	X	1.907	1.907	0	%100
92	M134A	Z	0	0	0	%100
93	M134	X	2.248	2.248	0	%100
94	M134	Z	0	0	0	%100
95	MP4A	X	2.763	2.763	0	%100
96	MP4A	Z	0	0	0	%100
97	MP3A	X	2.763	2.763	0	%100
98	MP3A	Z	0	0	0	%100
99	M95A	X	2.569	2.569	0	%100
100	M95A	Z	0	0	0	%100
101	MP2C	X	2.763	2.763	0	%100
102	MP2C	Z	0	0	0	%100
103	MP1C	X	2.763	2.763	0	%100
104	MP1C	Z	0	0	0	%100
105	M102	X	2.072	2.072	0	%100
106	M102	Z	0	0	0	%100
107	MP4C	X	2.763	2.763	0	%100
108	MP4C	Z	0	0	0	%100
109	MP3C	X	2.763	2.763	0	%100
110	MP3C	Z	0	0	0	%100
111	M109	X	2.569	2.569	0	%100
112	M109	Z	0	0	0	%100
113	MP2B	X	2.763	2.763	0	%100
114	MP2B	Z	0	0	0	%100
115	MP1B	X	2.763	2.763	0	%100
116	MP1B	Z	0	0	0	%100
117	M116	X	2.072	2.072	0	%100
118	M116	Z	0	0	0	%100
119	MP4B	X	2.763	2.763	0	%100
120	MP4B	Z	0	0	0	%100
121	MP3B	X	2.763	2.763	0	%100
122	MP3B	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[in,%]	End Location[in,%]
1	M1	X	.742	.742	0	%100
2	M1	Z	.428	.428	0	%100
3	M4	X	2.246	2.246	0	%100
4	M4	Z	1.297	1.297	0	%100
5	M10	X	.61	.61	0	%100
6	M10	Z	.352	.352	0	%100
7	MP2A	X	2.353	2.353	0	%100
8	MP2A	Z	1.359	1.359	0	%100
9	MP1A	X	2.353	2.353	0	%100
10	MP1A	Z	1.359	1.359	0	%100
11	M43	X	.61	.61	0	%100
12	M43	Z	.352	.352	0	%100
13	M46	X	.953	.953	0	%100
14	M46	Z	.55	.55	0	%100
15	M51B	X	.702	.702	0	%100
16	M51B	Z	.405	.405	0	%100
17	M52B	X	2.807	2.807	0	%100
18	M52B	Z	1.621	1.621	0	%100
19	M76	X	2.814	2.814	0	%100
20	M76	Z	1.624	1.624	0	%100
21	M77	X	.952	.952	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[in,%]	End Location[in,%]
22	M77	Z	.55	.55	0	%100
23	M80	X	.994	.994	0	%100
24	M80	Z	.574	.574	0	%100
25	M84	X	2.814	2.814	0	%100
26	M84	Z	1.624	1.624	0	%100
27	M85	X	3.808	3.808	0	%100
28	M85	Z	2.199	2.199	0	%100
29	M91	X	3.975	3.975	0	%100
30	M91	Z	2.295	2.295	0	%100
31	M52A	X	2.246	2.246	0	%100
32	M52A	Z	1.297	1.297	0	%100
33	M53	X	.61	.61	0	%100
34	M53	Z	.352	.352	0	%100
35	M54	X	.61	.61	0	%100
36	M54	Z	.352	.352	0	%100
37	M55	X	.953	.953	0	%100
38	M55	Z	.55	.55	0	%100
39	M58A	X	2.807	2.807	0	%100
40	M58A	Z	1.621	1.621	0	%100
41	M59A	X	.702	.702	0	%100
42	M59A	Z	.405	.405	0	%100
43	M63	X	2.814	2.814	0	%100
44	M63	Z	1.624	1.624	0	%100
45	M64	X	3.808	3.808	0	%100
46	M64	Z	2.199	2.199	0	%100
47	M66	X	3.975	3.975	0	%100
48	M66	Z	2.295	2.295	0	%100
49	M68	X	2.814	2.814	0	%100
50	M68	Z	1.624	1.624	0	%100
51	M69	X	.952	.952	0	%100
52	M69	Z	.55	.55	0	%100
53	M71	X	.994	.994	0	%100
54	M71	Z	.574	.574	0	%100
55	M76A	X	0	0	0	%100
56	M76A	Z	0	0	0	%100
57	M77A	X	2.439	2.439	0	%100
58	M77A	Z	1.408	1.408	0	%100
59	M78	X	2.439	2.439	0	%100
60	M78	Z	1.408	1.408	0	%100
61	M79A	X	3.814	3.814	0	%100
62	M79A	Z	2.202	2.202	0	%100
63	M82	X	.702	.702	0	%100
64	M82	Z	.405	.405	0	%100
65	M83A	X	.702	.702	0	%100
66	M83A	Z	.405	.405	0	%100
67	M87	X	0	0	0	%100
68	M87	Z	0	0	0	%100
69	M88A	X	.952	.952	0	%100
70	M88A	Z	.55	.55	0	%100
71	M90	X	.994	.994	0	%100
72	M90	Z	.574	.574	0	%100
73	M92A	X	0	0	0	%100
74	M92A	Z	0	0	0	%100
75	M93	X	.952	.952	0	%100
76	M93	Z	.55	.55	0	%100
77	M95	X	.994	.994	0	%100
78	M95	Z	.574	.574	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[in,%]	End Location[in,%]
79	M84B	X	.598	.598	0	%100
80	M84B	Z	.345	.345	0	%100
81	M129	X	.908	.908	0	%100
82	M129	Z	.524	.524	0	%100
83	M130	X	2.375	2.375	0	%100
84	M130	Z	1.371	1.371	0	%100
85	M131	X	2.375	2.375	0	%100
86	M131	Z	1.371	1.371	0	%100
87	M132	X	.55	.55	0	%100
88	M132	Z	.318	.318	0	%100
89	M133	X	.55	.55	0	%100
90	M133	Z	.318	.318	0	%100
91	M134A	X	2.202	2.202	0	%100
92	M134A	Z	1.271	1.271	0	%100
93	M134	X	1.926	1.926	0	%100
94	M134	Z	1.112	1.112	0	%100
95	MP4A	X	2.353	2.353	0	%100
96	MP4A	Z	1.359	1.359	0	%100
97	MP3A	X	2.353	2.353	0	%100
98	MP3A	Z	1.359	1.359	0	%100
99	M95A	X	.742	.742	0	%100
100	M95A	Z	.428	.428	0	%100
101	MP2C	X	2.353	2.353	0	%100
102	MP2C	Z	1.359	1.359	0	%100
103	MP1C	X	2.353	2.353	0	%100
104	MP1C	Z	1.359	1.359	0	%100
105	M102	X	.598	.598	0	%100
106	M102	Z	.345	.345	0	%100
107	MP4C	X	2.353	2.353	0	%100
108	MP4C	Z	1.359	1.359	0	%100
109	MP3C	X	2.353	2.353	0	%100
110	MP3C	Z	1.359	1.359	0	%100
111	M109	X	2.967	2.967	0	%100
112	M109	Z	1.713	1.713	0	%100
113	MP2B	X	2.353	2.353	0	%100
114	MP2B	Z	1.359	1.359	0	%100
115	MP1B	X	2.353	2.353	0	%100
116	MP1B	Z	1.359	1.359	0	%100
117	M116	X	2.392	2.392	0	%100
118	M116	Z	1.381	1.381	0	%100
119	MP4B	X	2.353	2.353	0	%100
120	MP4B	Z	1.359	1.359	0	%100
121	MP3B	X	2.353	2.353	0	%100
122	MP3B	Z	1.359	1.359	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[in,%]	End Location[in,%]
1	M1	X	1.285	1.285	0	%100
2	M1	Z	2.225	2.225	0	%100
3	M4	X	.432	.432	0	%100
4	M4	Z	.749	.749	0	%100
5	M10	X	1.056	1.056	0	%100
6	M10	Z	1.829	1.829	0	%100
7	MP2A	X	1.313	1.313	0	%100
8	MP2A	Z	2.274	2.274	0	%100
9	MP1A	X	1.313	1.313	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[in,%]	End Location[in,%]
10	MP1A	Z	2.274	2.274	0	%100
11	M43	X	1.056	1.056	0	%100
12	M43	Z	1.829	1.829	0	%100
13	M46	X	1.651	1.651	0	%100
14	M46	Z	2.86	2.86	0	%100
15	M51B	X	0	0	0	%100
16	M51B	Z	0	0	0	%100
17	M52B	X	1.215	1.215	0	%100
18	M52B	Z	2.105	2.105	0	%100
19	M76	X	.541	.541	0	%100
20	M76	Z	.938	.938	0	%100
21	M77	X	0	0	0	%100
22	M77	Z	0	0	0	%100
23	M80	X	0	0	0	%100
24	M80	Z	0	0	0	%100
25	M84	X	.541	.541	0	%100
26	M84	Z	.938	.938	0	%100
27	M85	X	1.649	1.649	0	%100
28	M85	Z	2.856	2.856	0	%100
29	M91	X	1.721	1.721	0	%100
30	M91	Z	2.981	2.981	0	%100
31	M52A	X	1.729	1.729	0	%100
32	M52A	Z	2.995	2.995	0	%100
33	M53	X	0	0	0	%100
34	M53	Z	0	0	0	%100
35	M54	X	0	0	0	%100
36	M54	Z	0	0	0	%100
37	M55	X	0	0	0	%100
38	M55	Z	0	0	0	%100
39	M58A	X	1.215	1.215	0	%100
40	M58A	Z	2.105	2.105	0	%100
41	M59A	X	1.215	1.215	0	%100
42	M59A	Z	2.105	2.105	0	%100
43	M63	X	2.166	2.166	0	%100
44	M63	Z	3.752	3.752	0	%100
45	M64	X	1.649	1.649	0	%100
46	M64	Z	2.856	2.856	0	%100
47	M66	X	1.721	1.721	0	%100
48	M66	Z	2.981	2.981	0	%100
49	M68	X	2.166	2.166	0	%100
50	M68	Z	3.752	3.752	0	%100
51	M69	X	1.649	1.649	0	%100
52	M69	Z	2.856	2.856	0	%100
53	M71	X	1.721	1.721	0	%100
54	M71	Z	2.981	2.981	0	%100
55	M76A	X	.432	.432	0	%100
56	M76A	Z	.749	.749	0	%100
57	M77A	X	1.056	1.056	0	%100
58	M77A	Z	1.829	1.829	0	%100
59	M78	X	1.056	1.056	0	%100
60	M78	Z	1.829	1.829	0	%100
61	M79A	X	1.651	1.651	0	%100
62	M79A	Z	2.86	2.86	0	%100
63	M82	X	1.215	1.215	0	%100
64	M82	Z	2.105	2.105	0	%100
65	M83A	X	0	0	0	%100
66	M83A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
67	M87	X	.541	.541	0	%100
68	M87	Z	.938	.938	0	%100
69	M88A	X	1.649	1.649	0	%100
70	M88A	Z	2.856	2.856	0	%100
71	M90	X	1.721	1.721	0	%100
72	M90	Z	2.981	2.981	0	%100
73	M92A	X	.541	.541	0	%100
74	M92A	Z	.938	.938	0	%100
75	M93	X	0	0	0	%100
76	M93	Z	0	0	0	%100
77	M95	X	0	0	0	%100
78	M95	Z	0	0	0	%100
79	M84B	X	1.036	1.036	0	%100
80	M84B	Z	1.794	1.794	0	%100
81	M129	X	.807	.807	0	%100
82	M129	Z	1.397	1.397	0	%100
83	M130	X	.807	.807	0	%100
84	M130	Z	1.397	1.397	0	%100
85	M131	X	1.654	1.654	0	%100
86	M131	Z	2.865	2.865	0	%100
87	M132	X	0	0	0	%100
88	M132	Z	0	0	0	%100
89	M133	X	.953	.953	0	%100
90	M133	Z	1.651	1.651	0	%100
91	M134A	X	.953	.953	0	%100
92	M134A	Z	1.651	1.651	0	%100
93	M134	X	1.087	1.087	0	%100
94	M134	Z	1.883	1.883	0	%100
95	MP4A	X	1.313	1.313	0	%100
96	MP4A	Z	2.274	2.274	0	%100
97	MP3A	X	1.313	1.313	0	%100
98	MP3A	Z	2.274	2.274	0	%100
99	M95A	X	0	0	0	%100
100	M95A	Z	0	0	0	%100
101	MP2C	X	1.313	1.313	0	%100
102	MP2C	Z	2.274	2.274	0	%100
103	MP1C	X	1.313	1.313	0	%100
104	MP1C	Z	2.274	2.274	0	%100
105	M102	X	0	0	0	%100
106	M102	Z	0	0	0	%100
107	MP4C	X	1.313	1.313	0	%100
108	MP4C	Z	2.274	2.274	0	%100
109	MP3C	X	1.313	1.313	0	%100
110	MP3C	Z	2.274	2.274	0	%100
111	M109	X	1.285	1.285	0	%100
112	M109	Z	2.225	2.225	0	%100
113	MP2B	X	1.313	1.313	0	%100
114	MP2B	Z	2.274	2.274	0	%100
115	MP1B	X	1.313	1.313	0	%100
116	MP1B	Z	2.274	2.274	0	%100
117	M116	X	1.036	1.036	0	%100
118	M116	Z	1.794	1.794	0	%100
119	MP4B	X	1.313	1.313	0	%100
120	MP4B	Z	2.274	2.274	0	%100
121	MP3B	X	1.313	1.313	0	%100
122	MP3B	Z	2.274	2.274	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[in,%]	End Location[in,%]
1	M1	X	0	0	0	%100
2	M1	Z	3.426	3.426	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	2.816	2.816	0	%100
7	MP2A	X	0	0	0	%100
8	MP2A	Z	2.581	2.581	0	%100
9	MP1A	X	0	0	0	%100
10	MP1A	Z	2.581	2.581	0	%100
11	M43	X	0	0	0	%100
12	M43	Z	2.816	2.816	0	%100
13	M46	X	0	0	0	%100
14	M46	Z	4.404	4.404	0	%100
15	M51B	X	0	0	0	%100
16	M51B	Z	.81	.81	0	%100
17	M52B	X	0	0	0	%100
18	M52B	Z	.81	.81	0	%100
19	M76	X	0	0	0	%100
20	M76	Z	0	0	0	%100
21	M77	X	0	0	0	%100
22	M77	Z	1.099	1.099	0	%100
23	M80	X	0	0	0	%100
24	M80	Z	1.147	1.147	0	%100
25	M84	X	0	0	0	%100
26	M84	Z	0	0	0	%100
27	M85	X	0	0	0	%100
28	M85	Z	1.099	1.099	0	%100
29	M91	X	0	0	0	%100
30	M91	Z	1.147	1.147	0	%100
31	M52A	X	0	0	0	%100
32	M52A	Z	2.594	2.594	0	%100
33	M53	X	0	0	0	%100
34	M53	Z	.704	.704	0	%100
35	M54	X	0	0	0	%100
36	M54	Z	.704	.704	0	%100
37	M55	X	0	0	0	%100
38	M55	Z	1.101	1.101	0	%100
39	M58A	X	0	0	0	%100
40	M58A	Z	.81	.81	0	%100
41	M59A	X	0	0	0	%100
42	M59A	Z	3.241	3.241	0	%100
43	M63	X	0	0	0	%100
44	M63	Z	3.249	3.249	0	%100
45	M64	X	0	0	0	%100
46	M64	Z	1.099	1.099	0	%100
47	M66	X	0	0	0	%100
48	M66	Z	1.147	1.147	0	%100
49	M68	X	0	0	0	%100
50	M68	Z	3.249	3.249	0	%100
51	M69	X	0	0	0	%100
52	M69	Z	4.397	4.397	0	%100
53	M71	X	0	0	0	%100
54	M71	Z	4.589	4.589	0	%100
55	M76A	X	0	0	0	%100
56	M76A	Z	2.594	2.594	0	%100
57	M77A	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[in,%]	End Location[in,%]
58	M77A	Z	.704	.704	0	%100
59	M78	X	0	0	0	%100
60	M78	Z	.704	.704	0	%100
61	M79A	X	0	0	0	%100
62	M79A	Z	1.101	1.101	0	%100
63	M82	X	0	0	0	%100
64	M82	Z	3.241	3.241	0	%100
65	M83A	X	0	0	0	%100
66	M83A	Z	.81	.81	0	%100
67	M87	X	0	0	0	%100
68	M87	Z	3.249	3.249	0	%100
69	M88A	X	0	0	0	%100
70	M88A	Z	4.397	4.397	0	%100
71	M90	X	0	0	0	%100
72	M90	Z	4.589	4.589	0	%100
73	M92A	X	0	0	0	%100
74	M92A	Z	3.249	3.249	0	%100
75	M93	X	0	0	0	%100
76	M93	Z	1.099	1.099	0	%100
77	M95	X	0	0	0	%100
78	M95	Z	1.147	1.147	0	%100
79	M84B	X	0	0	0	%100
80	M84B	Z	2.763	2.763	0	%100
81	M129	X	0	0	0	%100
82	M129	Z	2.743	2.743	0	%100
83	M130	X	0	0	0	%100
84	M130	Z	1.048	1.048	0	%100
85	M131	X	0	0	0	%100
86	M131	Z	2.743	2.743	0	%100
87	M132	X	0	0	0	%100
88	M132	Z	.636	.636	0	%100
89	M133	X	0	0	0	%100
90	M133	Z	2.542	2.542	0	%100
91	M134A	X	0	0	0	%100
92	M134A	Z	.636	.636	0	%100
93	M134	X	0	0	0	%100
94	M134	Z	2.15	2.15	0	%100
95	MP4A	X	0	0	0	%100
96	MP4A	Z	2.581	2.581	0	%100
97	MP3A	X	0	0	0	%100
98	MP3A	Z	2.581	2.581	0	%100
99	M95A	X	0	0	0	%100
100	M95A	Z	.856	.856	0	%100
101	MP2C	X	0	0	0	%100
102	MP2C	Z	2.581	2.581	0	%100
103	MP1C	X	0	0	0	%100
104	MP1C	Z	2.581	2.581	0	%100
105	M102	X	0	0	0	%100
106	M102	Z	.691	.691	0	%100
107	MP4C	X	0	0	0	%100
108	MP4C	Z	2.581	2.581	0	%100
109	MP3C	X	0	0	0	%100
110	MP3C	Z	2.581	2.581	0	%100
111	M109	X	0	0	0	%100
112	M109	Z	.856	.856	0	%100
113	MP2B	X	0	0	0	%100
114	MP2B	Z	2.581	2.581	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[in,%]	End Location[in,%]
115	MP1B	X	0	0	0	%100
116	MP1B	Z	2.581	2.581	0	%100
117	M116	X	0	0	0	%100
118	M116	Z	.691	.691	0	%100
119	MP4B	X	0	0	0	%100
120	MP4B	Z	2.581	2.581	0	%100
121	MP3B	X	0	0	0	%100
122	MP3B	Z	2.581	2.581	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[in,%]	End Location[in,%]
1	M1	X	-1.285	-1.285	0	%100
2	M1	Z	2.225	2.225	0	%100
3	M4	X	-.432	-.432	0	%100
4	M4	Z	.749	.749	0	%100
5	M10	X	-1.056	-1.056	0	%100
6	M10	Z	1.829	1.829	0	%100
7	MP2A	X	-1.313	-1.313	0	%100
8	MP2A	Z	2.274	2.274	0	%100
9	MP1A	X	-1.313	-1.313	0	%100
10	MP1A	Z	2.274	2.274	0	%100
11	M43	X	-1.056	-1.056	0	%100
12	M43	Z	1.829	1.829	0	%100
13	M46	X	-1.651	-1.651	0	%100
14	M46	Z	2.86	2.86	0	%100
15	M51B	X	-1.215	-1.215	0	%100
16	M51B	Z	2.105	2.105	0	%100
17	M52B	X	0	0	0	%100
18	M52B	Z	0	0	0	%100
19	M76	X	-.541	-.541	0	%100
20	M76	Z	.938	.938	0	%100
21	M77	X	-1.649	-1.649	0	%100
22	M77	Z	2.856	2.856	0	%100
23	M80	X	-1.721	-1.721	0	%100
24	M80	Z	2.981	2.981	0	%100
25	M84	X	-.541	-.541	0	%100
26	M84	Z	.938	.938	0	%100
27	M85	X	0	0	0	%100
28	M85	Z	0	0	0	%100
29	M91	X	0	0	0	%100
30	M91	Z	0	0	0	%100
31	M52A	X	-.432	-.432	0	%100
32	M52A	Z	.749	.749	0	%100
33	M53	X	-1.056	-1.056	0	%100
34	M53	Z	1.829	1.829	0	%100
35	M54	X	-1.056	-1.056	0	%100
36	M54	Z	1.829	1.829	0	%100
37	M55	X	-1.651	-1.651	0	%100
38	M55	Z	2.86	2.86	0	%100
39	M58A	X	0	0	0	%100
40	M58A	Z	0	0	0	%100
41	M59A	X	-1.215	-1.215	0	%100
42	M59A	Z	2.105	2.105	0	%100
43	M63	X	-.541	-.541	0	%100
44	M63	Z	.938	.938	0	%100
45	M64	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
46	M64	Z	0	0	0	%100
47	M66	X	0	0	0	%100
48	M66	Z	0	0	0	%100
49	M68	X	-.541	-.541	0	%100
50	M68	Z	.938	.938	0	%100
51	M69	X	-1.649	-1.649	0	%100
52	M69	Z	2.856	2.856	0	%100
53	M71	X	-1.721	-1.721	0	%100
54	M71	Z	2.981	2.981	0	%100
55	M76A	X	-1.729	-1.729	0	%100
56	M76A	Z	2.995	2.995	0	%100
57	M77A	X	0	0	0	%100
58	M77A	Z	0	0	0	%100
59	M78	X	0	0	0	%100
60	M78	Z	0	0	0	%100
61	M79A	X	0	0	0	%100
62	M79A	Z	0	0	0	%100
63	M82	X	-1.215	-1.215	0	%100
64	M82	Z	2.105	2.105	0	%100
65	M83A	X	-1.215	-1.215	0	%100
66	M83A	Z	2.105	2.105	0	%100
67	M87	X	-2.166	-2.166	0	%100
68	M87	Z	3.752	3.752	0	%100
69	M88A	X	-1.649	-1.649	0	%100
70	M88A	Z	2.856	2.856	0	%100
71	M90	X	-1.721	-1.721	0	%100
72	M90	Z	2.981	2.981	0	%100
73	M92A	X	-2.166	-2.166	0	%100
74	M92A	Z	3.752	3.752	0	%100
75	M93	X	-1.649	-1.649	0	%100
76	M93	Z	2.856	2.856	0	%100
77	M95	X	-1.721	-1.721	0	%100
78	M95	Z	2.981	2.981	0	%100
79	M84B	X	-1.036	-1.036	0	%100
80	M84B	Z	1.794	1.794	0	%100
81	M129	X	-1.654	-1.654	0	%100
82	M129	Z	2.865	2.865	0	%100
83	M130	X	-.807	-.807	0	%100
84	M130	Z	1.397	1.397	0	%100
85	M131	X	-.807	-.807	0	%100
86	M131	Z	1.397	1.397	0	%100
87	M132	X	-.953	-.953	0	%100
88	M132	Z	1.651	1.651	0	%100
89	M133	X	-.953	-.953	0	%100
90	M133	Z	1.651	1.651	0	%100
91	M134A	X	0	0	0	%100
92	M134A	Z	0	0	0	%100
93	M134	X	-1.087	-1.087	0	%100
94	M134	Z	1.883	1.883	0	%100
95	MP4A	X	-1.313	-1.313	0	%100
96	MP4A	Z	2.274	2.274	0	%100
97	MP3A	X	-1.313	-1.313	0	%100
98	MP3A	Z	2.274	2.274	0	%100
99	M95A	X	-1.285	-1.285	0	%100
100	M95A	Z	2.225	2.225	0	%100
101	MP2C	X	-1.313	-1.313	0	%100
102	MP2C	Z	2.274	2.274	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[in,%]	End Location[in,%]
103	MP1C	X	-1.313	-1.313	0	%100
104	MP1C	Z	2.274	2.274	0	%100
105	M102	X	-1.036	-1.036	0	%100
106	M102	Z	1.794	1.794	0	%100
107	MP4C	X	-1.313	-1.313	0	%100
108	MP4C	Z	2.274	2.274	0	%100
109	MP3C	X	-1.313	-1.313	0	%100
110	MP3C	Z	2.274	2.274	0	%100
111	M109	X	0	0	0	%100
112	M109	Z	0	0	0	%100
113	MP2B	X	-1.313	-1.313	0	%100
114	MP2B	Z	2.274	2.274	0	%100
115	MP1B	X	-1.313	-1.313	0	%100
116	MP1B	Z	2.274	2.274	0	%100
117	M116	X	0	0	0	%100
118	M116	Z	0	0	0	%100
119	MP4B	X	-1.313	-1.313	0	%100
120	MP4B	Z	2.274	2.274	0	%100
121	MP3B	X	-1.313	-1.313	0	%100
122	MP3B	Z	2.274	2.274	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[in,%]	End Location[in,%]
1	M1	X	-.742	-.742	0	%100
2	M1	Z	.428	.428	0	%100
3	M4	X	-2.246	-2.246	0	%100
4	M4	Z	1.297	1.297	0	%100
5	M10	X	-.61	-.61	0	%100
6	M10	Z	.352	.352	0	%100
7	MP2A	X	-2.353	-2.353	0	%100
8	MP2A	Z	1.359	1.359	0	%100
9	MP1A	X	-2.353	-2.353	0	%100
10	MP1A	Z	1.359	1.359	0	%100
11	M43	X	-.61	-.61	0	%100
12	M43	Z	.352	.352	0	%100
13	M46	X	-.953	-.953	0	%100
14	M46	Z	.55	.55	0	%100
15	M51B	X	-2.807	-2.807	0	%100
16	M51B	Z	1.621	1.621	0	%100
17	M52B	X	-.702	-.702	0	%100
18	M52B	Z	.405	.405	0	%100
19	M76	X	-2.814	-2.814	0	%100
20	M76	Z	1.624	1.624	0	%100
21	M77	X	-3.808	-3.808	0	%100
22	M77	Z	2.199	2.199	0	%100
23	M80	X	-3.975	-3.975	0	%100
24	M80	Z	2.295	2.295	0	%100
25	M84	X	-2.814	-2.814	0	%100
26	M84	Z	1.624	1.624	0	%100
27	M85	X	-.952	-.952	0	%100
28	M85	Z	.55	.55	0	%100
29	M91	X	-.994	-.994	0	%100
30	M91	Z	.574	.574	0	%100
31	M52A	X	0	0	0	%100
32	M52A	Z	0	0	0	%100
33	M53	X	-2.439	-2.439	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[in,%]	End Location[in,%]
34	M53	Z	1.408	1.408	0	%100
35	M54	X	-2.439	-2.439	0	%100
36	M54	Z	1.408	1.408	0	%100
37	M55	X	-3.814	-3.814	0	%100
38	M55	Z	2.202	2.202	0	%100
39	M58A	X	-.702	-.702	0	%100
40	M58A	Z	.405	.405	0	%100
41	M59A	X	-.702	-.702	0	%100
42	M59A	Z	.405	.405	0	%100
43	M63	X	0	0	0	%100
44	M63	Z	0	0	0	%100
45	M64	X	-.952	-.952	0	%100
46	M64	Z	.55	.55	0	%100
47	M66	X	-.994	-.994	0	%100
48	M66	Z	.574	.574	0	%100
49	M68	X	0	0	0	%100
50	M68	Z	0	0	0	%100
51	M69	X	-.952	-.952	0	%100
52	M69	Z	.55	.55	0	%100
53	M71	X	-.994	-.994	0	%100
54	M71	Z	.574	.574	0	%100
55	M76A	X	-2.246	-2.246	0	%100
56	M76A	Z	1.297	1.297	0	%100
57	M77A	X	-.61	-.61	0	%100
58	M77A	Z	.352	.352	0	%100
59	M78	X	-.61	-.61	0	%100
60	M78	Z	.352	.352	0	%100
61	M79A	X	-.953	-.953	0	%100
62	M79A	Z	.55	.55	0	%100
63	M82	X	-.702	-.702	0	%100
64	M82	Z	.405	.405	0	%100
65	M83A	X	-2.807	-2.807	0	%100
66	M83A	Z	1.621	1.621	0	%100
67	M87	X	-2.814	-2.814	0	%100
68	M87	Z	1.624	1.624	0	%100
69	M88A	X	-.952	-.952	0	%100
70	M88A	Z	.55	.55	0	%100
71	M90	X	-.994	-.994	0	%100
72	M90	Z	.574	.574	0	%100
73	M92A	X	-2.814	-2.814	0	%100
74	M92A	Z	1.624	1.624	0	%100
75	M93	X	-3.808	-3.808	0	%100
76	M93	Z	2.199	2.199	0	%100
77	M95	X	-3.975	-3.975	0	%100
78	M95	Z	2.295	2.295	0	%100
79	M84B	X	-.598	-.598	0	%100
80	M84B	Z	.345	.345	0	%100
81	M129	X	-2.375	-2.375	0	%100
82	M129	Z	1.371	1.371	0	%100
83	M130	X	-2.375	-2.375	0	%100
84	M130	Z	1.371	1.371	0	%100
85	M131	X	-.908	-.908	0	%100
86	M131	Z	.524	.524	0	%100
87	M132	X	-2.202	-2.202	0	%100
88	M132	Z	1.271	1.271	0	%100
89	M133	X	-.55	-.55	0	%100
90	M133	Z	.318	.318	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[in,%]	End Location[in,%]
91	M134A	X	-.55	-.55	0	%100
92	M134A	Z	.318	.318	0	%100
93	M134	X	-1.926	-1.926	0	%100
94	M134	Z	1.112	1.112	0	%100
95	MP4A	X	-2.353	-2.353	0	%100
96	MP4A	Z	1.359	1.359	0	%100
97	MP3A	X	-2.353	-2.353	0	%100
98	MP3A	Z	1.359	1.359	0	%100
99	M95A	X	-2.967	-2.967	0	%100
100	M95A	Z	1.713	1.713	0	%100
101	MP2C	X	-2.353	-2.353	0	%100
102	MP2C	Z	1.359	1.359	0	%100
103	MP1C	X	-2.353	-2.353	0	%100
104	MP1C	Z	1.359	1.359	0	%100
105	M102	X	-2.392	-2.392	0	%100
106	M102	Z	1.381	1.381	0	%100
107	MP4C	X	-2.353	-2.353	0	%100
108	MP4C	Z	1.359	1.359	0	%100
109	MP3C	X	-2.353	-2.353	0	%100
110	MP3C	Z	1.359	1.359	0	%100
111	M109	X	-.742	-.742	0	%100
112	M109	Z	.428	.428	0	%100
113	MP2B	X	-2.353	-2.353	0	%100
114	MP2B	Z	1.359	1.359	0	%100
115	MP1B	X	-2.353	-2.353	0	%100
116	MP1B	Z	1.359	1.359	0	%100
117	M116	X	-.598	-.598	0	%100
118	M116	Z	.345	.345	0	%100
119	MP4B	X	-2.353	-2.353	0	%100
120	MP4B	Z	1.359	1.359	0	%100
121	MP3B	X	-2.353	-2.353	0	%100
122	MP3B	Z	1.359	1.359	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[in,%]	End Location[in,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	-3.458	-3.458	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	MP2A	X	-2.763	-2.763	0	%100
8	MP2A	Z	0	0	0	%100
9	MP1A	X	-2.763	-2.763	0	%100
10	MP1A	Z	0	0	0	%100
11	M43	X	0	0	0	%100
12	M43	Z	0	0	0	%100
13	M46	X	0	0	0	%100
14	M46	Z	0	0	0	%100
15	M51B	X	-2.431	-2.431	0	%100
16	M51B	Z	0	0	0	%100
17	M52B	X	-2.431	-2.431	0	%100
18	M52B	Z	0	0	0	%100
19	M76	X	-4.332	-4.332	0	%100
20	M76	Z	0	0	0	%100
21	M77	X	-3.298	-3.298	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[in,%]	End Location[in,%]
22	M77	Z	0	0	0	%100
23	M80	X	-3.442	-3.442	0	%100
24	M80	Z	0	0	0	%100
25	M84	X	-4.332	-4.332	0	%100
26	M84	Z	0	0	0	%100
27	M85	X	-3.298	-3.298	0	%100
28	M85	Z	0	0	0	%100
29	M91	X	-3.442	-3.442	0	%100
30	M91	Z	0	0	0	%100
31	M52A	X	-.865	-.865	0	%100
32	M52A	Z	0	0	0	%100
33	M53	X	-2.112	-2.112	0	%100
34	M53	Z	0	0	0	%100
35	M54	X	-2.112	-2.112	0	%100
36	M54	Z	0	0	0	%100
37	M55	X	-3.303	-3.303	0	%100
38	M55	Z	0	0	0	%100
39	M58A	X	-2.431	-2.431	0	%100
40	M58A	Z	0	0	0	%100
41	M59A	X	0	0	0	%100
42	M59A	Z	0	0	0	%100
43	M63	X	-1.083	-1.083	0	%100
44	M63	Z	0	0	0	%100
45	M64	X	-3.298	-3.298	0	%100
46	M64	Z	0	0	0	%100
47	M66	X	-3.442	-3.442	0	%100
48	M66	Z	0	0	0	%100
49	M68	X	-1.083	-1.083	0	%100
50	M68	Z	0	0	0	%100
51	M69	X	0	0	0	%100
52	M69	Z	0	0	0	%100
53	M71	X	0	0	0	%100
54	M71	Z	0	0	0	%100
55	M76A	X	-.865	-.865	0	%100
56	M76A	Z	0	0	0	%100
57	M77A	X	-2.112	-2.112	0	%100
58	M77A	Z	0	0	0	%100
59	M78	X	-2.112	-2.112	0	%100
60	M78	Z	0	0	0	%100
61	M79A	X	-3.303	-3.303	0	%100
62	M79A	Z	0	0	0	%100
63	M82	X	0	0	0	%100
64	M82	Z	0	0	0	%100
65	M83A	X	-2.431	-2.431	0	%100
66	M83A	Z	0	0	0	%100
67	M87	X	-1.083	-1.083	0	%100
68	M87	Z	0	0	0	%100
69	M88A	X	0	0	0	%100
70	M88A	Z	0	0	0	%100
71	M90	X	0	0	0	%100
72	M90	Z	0	0	0	%100
73	M92A	X	-1.083	-1.083	0	%100
74	M92A	Z	0	0	0	%100
75	M93	X	-3.298	-3.298	0	%100
76	M93	Z	0	0	0	%100
77	M95	X	-3.442	-3.442	0	%100
78	M95	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[in,%]	End Location[in,%]
79	M84B	X	0	0	0	%100
80	M84B	Z	0	0	0	%100
81	M129	X	-1.613	-1.613	0	%100
82	M129	Z	0	0	0	%100
83	M130	X	-3.308	-3.308	0	%100
84	M130	Z	0	0	0	%100
85	M131	X	-1.613	-1.613	0	%100
86	M131	Z	0	0	0	%100
87	M132	X	-1.907	-1.907	0	%100
88	M132	Z	0	0	0	%100
89	M133	X	0	0	0	%100
90	M133	Z	0	0	0	%100
91	M134A	X	-1.907	-1.907	0	%100
92	M134A	Z	0	0	0	%100
93	M134	X	-2.248	-2.248	0	%100
94	M134	Z	0	0	0	%100
95	MP4A	X	-2.763	-2.763	0	%100
96	MP4A	Z	0	0	0	%100
97	MP3A	X	-2.763	-2.763	0	%100
98	MP3A	Z	0	0	0	%100
99	M95A	X	-2.569	-2.569	0	%100
100	M95A	Z	0	0	0	%100
101	MP2C	X	-2.763	-2.763	0	%100
102	MP2C	Z	0	0	0	%100
103	MP1C	X	-2.763	-2.763	0	%100
104	MP1C	Z	0	0	0	%100
105	M102	X	-2.072	-2.072	0	%100
106	M102	Z	0	0	0	%100
107	MP4C	X	-2.763	-2.763	0	%100
108	MP4C	Z	0	0	0	%100
109	MP3C	X	-2.763	-2.763	0	%100
110	MP3C	Z	0	0	0	%100
111	M109	X	-2.569	-2.569	0	%100
112	M109	Z	0	0	0	%100
113	MP2B	X	-2.763	-2.763	0	%100
114	MP2B	Z	0	0	0	%100
115	MP1B	X	-2.763	-2.763	0	%100
116	MP1B	Z	0	0	0	%100
117	M116	X	-2.072	-2.072	0	%100
118	M116	Z	0	0	0	%100
119	MP4B	X	-2.763	-2.763	0	%100
120	MP4B	Z	0	0	0	%100
121	MP3B	X	-2.763	-2.763	0	%100
122	MP3B	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[in,%]	End Location[in,%]
1	M1	X	-.742	-.742	0	%100
2	M1	Z	-.428	-.428	0	%100
3	M4	X	-2.246	-2.246	0	%100
4	M4	Z	-1.297	-1.297	0	%100
5	M10	X	-.61	-.61	0	%100
6	M10	Z	-.352	-.352	0	%100
7	MP2A	X	-2.353	-2.353	0	%100
8	MP2A	Z	-1.359	-1.359	0	%100
9	MP1A	X	-2.353	-2.353	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[in,%]	End Location[in,%]
10	MP1A	Z	-1.359	-1.359	0	%100
11	M43	X	-.61	-.61	0	%100
12	M43	Z	-.352	-.352	0	%100
13	M46	X	-.953	-.953	0	%100
14	M46	Z	-.55	-.55	0	%100
15	M51B	X	-.702	-.702	0	%100
16	M51B	Z	-.405	-.405	0	%100
17	M52B	X	-2.807	-2.807	0	%100
18	M52B	Z	-1.621	-1.621	0	%100
19	M76	X	-2.814	-2.814	0	%100
20	M76	Z	-1.624	-1.624	0	%100
21	M77	X	-.952	-.952	0	%100
22	M77	Z	-.55	-.55	0	%100
23	M80	X	-.994	-.994	0	%100
24	M80	Z	-.574	-.574	0	%100
25	M84	X	-2.814	-2.814	0	%100
26	M84	Z	-1.624	-1.624	0	%100
27	M85	X	-3.808	-3.808	0	%100
28	M85	Z	-2.199	-2.199	0	%100
29	M91	X	-3.975	-3.975	0	%100
30	M91	Z	-2.295	-2.295	0	%100
31	M52A	X	-2.246	-2.246	0	%100
32	M52A	Z	-1.297	-1.297	0	%100
33	M53	X	-.61	-.61	0	%100
34	M53	Z	-.352	-.352	0	%100
35	M54	X	-.61	-.61	0	%100
36	M54	Z	-.352	-.352	0	%100
37	M55	X	-.953	-.953	0	%100
38	M55	Z	-.55	-.55	0	%100
39	M58A	X	-2.807	-2.807	0	%100
40	M58A	Z	-1.621	-1.621	0	%100
41	M59A	X	-.702	-.702	0	%100
42	M59A	Z	-.405	-.405	0	%100
43	M63	X	-2.814	-2.814	0	%100
44	M63	Z	-1.624	-1.624	0	%100
45	M64	X	-3.808	-3.808	0	%100
46	M64	Z	-2.199	-2.199	0	%100
47	M66	X	-3.975	-3.975	0	%100
48	M66	Z	-2.295	-2.295	0	%100
49	M68	X	-2.814	-2.814	0	%100
50	M68	Z	-1.624	-1.624	0	%100
51	M69	X	-.952	-.952	0	%100
52	M69	Z	-.55	-.55	0	%100
53	M71	X	-.994	-.994	0	%100
54	M71	Z	-.574	-.574	0	%100
55	M76A	X	0	0	0	%100
56	M76A	Z	0	0	0	%100
57	M77A	X	-2.439	-2.439	0	%100
58	M77A	Z	-1.408	-1.408	0	%100
59	M78	X	-2.439	-2.439	0	%100
60	M78	Z	-1.408	-1.408	0	%100
61	M79A	X	-3.814	-3.814	0	%100
62	M79A	Z	-2.202	-2.202	0	%100
63	M82	X	-.702	-.702	0	%100
64	M82	Z	-.405	-.405	0	%100
65	M83A	X	-.702	-.702	0	%100
66	M83A	Z	-.405	-.405	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[in,%]	End Location[in,%]
67	M87	X	0	0	0	%100
68	M87	Z	0	0	0	%100
69	M88A	X	-.952	-.952	0	%100
70	M88A	Z	-.55	-.55	0	%100
71	M90	X	-.994	-.994	0	%100
72	M90	Z	-.574	-.574	0	%100
73	M92A	X	0	0	0	%100
74	M92A	Z	0	0	0	%100
75	M93	X	-.952	-.952	0	%100
76	M93	Z	-.55	-.55	0	%100
77	M95	X	-.994	-.994	0	%100
78	M95	Z	-.574	-.574	0	%100
79	M84B	X	-.598	-.598	0	%100
80	M84B	Z	-.345	-.345	0	%100
81	M129	X	-.908	-.908	0	%100
82	M129	Z	-.524	-.524	0	%100
83	M130	X	-2.375	-2.375	0	%100
84	M130	Z	-1.371	-1.371	0	%100
85	M131	X	-2.375	-2.375	0	%100
86	M131	Z	-1.371	-1.371	0	%100
87	M132	X	-.55	-.55	0	%100
88	M132	Z	-.318	-.318	0	%100
89	M133	X	-.55	-.55	0	%100
90	M133	Z	-.318	-.318	0	%100
91	M134A	X	-2.202	-2.202	0	%100
92	M134A	Z	-1.271	-1.271	0	%100
93	M134	X	-1.926	-1.926	0	%100
94	M134	Z	-1.112	-1.112	0	%100
95	MP4A	X	-2.353	-2.353	0	%100
96	MP4A	Z	-1.359	-1.359	0	%100
97	MP3A	X	-2.353	-2.353	0	%100
98	MP3A	Z	-1.359	-1.359	0	%100
99	M95A	X	-.742	-.742	0	%100
100	M95A	Z	-.428	-.428	0	%100
101	MP2C	X	-2.353	-2.353	0	%100
102	MP2C	Z	-1.359	-1.359	0	%100
103	MP1C	X	-2.353	-2.353	0	%100
104	MP1C	Z	-1.359	-1.359	0	%100
105	M102	X	-.598	-.598	0	%100
106	M102	Z	-.345	-.345	0	%100
107	MP4C	X	-2.353	-2.353	0	%100
108	MP4C	Z	-1.359	-1.359	0	%100
109	MP3C	X	-2.353	-2.353	0	%100
110	MP3C	Z	-1.359	-1.359	0	%100
111	M109	X	-2.967	-2.967	0	%100
112	M109	Z	-1.713	-1.713	0	%100
113	MP2B	X	-2.353	-2.353	0	%100
114	MP2B	Z	-1.359	-1.359	0	%100
115	MP1B	X	-2.353	-2.353	0	%100
116	MP1B	Z	-1.359	-1.359	0	%100
117	M116	X	-2.392	-2.392	0	%100
118	M116	Z	-1.381	-1.381	0	%100
119	MP4B	X	-2.353	-2.353	0	%100
120	MP4B	Z	-1.359	-1.359	0	%100
121	MP3B	X	-2.353	-2.353	0	%100
122	MP3B	Z	-1.359	-1.359	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[in,%]	End Location[in,%]
1	M1	X	-1.285	-1.285	0	%100
2	M1	Z	-2.225	-2.225	0	%100
3	M4	X	-.432	-.432	0	%100
4	M4	Z	-.749	-.749	0	%100
5	M10	X	-1.056	-1.056	0	%100
6	M10	Z	-1.829	-1.829	0	%100
7	MP2A	X	-1.313	-1.313	0	%100
8	MP2A	Z	-2.274	-2.274	0	%100
9	MP1A	X	-1.313	-1.313	0	%100
10	MP1A	Z	-2.274	-2.274	0	%100
11	M43	X	-1.056	-1.056	0	%100
12	M43	Z	-1.829	-1.829	0	%100
13	M46	X	-1.651	-1.651	0	%100
14	M46	Z	-2.86	-2.86	0	%100
15	M51B	X	0	0	0	%100
16	M51B	Z	0	0	0	%100
17	M52B	X	-1.215	-1.215	0	%100
18	M52B	Z	-2.105	-2.105	0	%100
19	M76	X	-.541	-.541	0	%100
20	M76	Z	-.938	-.938	0	%100
21	M77	X	0	0	0	%100
22	M77	Z	0	0	0	%100
23	M80	X	0	0	0	%100
24	M80	Z	0	0	0	%100
25	M84	X	-.541	-.541	0	%100
26	M84	Z	-.938	-.938	0	%100
27	M85	X	-1.649	-1.649	0	%100
28	M85	Z	-2.856	-2.856	0	%100
29	M91	X	-1.721	-1.721	0	%100
30	M91	Z	-2.981	-2.981	0	%100
31	M52A	X	-1.729	-1.729	0	%100
32	M52A	Z	-2.995	-2.995	0	%100
33	M53	X	0	0	0	%100
34	M53	Z	0	0	0	%100
35	M54	X	0	0	0	%100
36	M54	Z	0	0	0	%100
37	M55	X	0	0	0	%100
38	M55	Z	0	0	0	%100
39	M58A	X	-1.215	-1.215	0	%100
40	M58A	Z	-2.105	-2.105	0	%100
41	M59A	X	-1.215	-1.215	0	%100
42	M59A	Z	-2.105	-2.105	0	%100
43	M63	X	-2.166	-2.166	0	%100
44	M63	Z	-3.752	-3.752	0	%100
45	M64	X	-1.649	-1.649	0	%100
46	M64	Z	-2.856	-2.856	0	%100
47	M66	X	-1.721	-1.721	0	%100
48	M66	Z	-2.981	-2.981	0	%100
49	M68	X	-2.166	-2.166	0	%100
50	M68	Z	-3.752	-3.752	0	%100
51	M69	X	-1.649	-1.649	0	%100
52	M69	Z	-2.856	-2.856	0	%100
53	M71	X	-1.721	-1.721	0	%100
54	M71	Z	-2.981	-2.981	0	%100
55	M76A	X	-.432	-.432	0	%100
56	M76A	Z	-.749	-.749	0	%100
57	M77A	X	-1.056	-1.056	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[in,%]	End Location[in,%]
58	M77A	Z	-1.829	-1.829	0	%100
59	M78	X	-1.056	-1.056	0	%100
60	M78	Z	-1.829	-1.829	0	%100
61	M79A	X	-1.651	-1.651	0	%100
62	M79A	Z	-2.86	-2.86	0	%100
63	M82	X	-1.215	-1.215	0	%100
64	M82	Z	-2.105	-2.105	0	%100
65	M83A	X	0	0	0	%100
66	M83A	Z	0	0	0	%100
67	M87	X	-.541	-.541	0	%100
68	M87	Z	-.938	-.938	0	%100
69	M88A	X	-1.649	-1.649	0	%100
70	M88A	Z	-2.856	-2.856	0	%100
71	M90	X	-1.721	-1.721	0	%100
72	M90	Z	-2.981	-2.981	0	%100
73	M92A	X	-.541	-.541	0	%100
74	M92A	Z	-.938	-.938	0	%100
75	M93	X	0	0	0	%100
76	M93	Z	0	0	0	%100
77	M95	X	0	0	0	%100
78	M95	Z	0	0	0	%100
79	M84B	X	-1.036	-1.036	0	%100
80	M84B	Z	-1.794	-1.794	0	%100
81	M129	X	-.807	-.807	0	%100
82	M129	Z	-1.397	-1.397	0	%100
83	M130	X	-.807	-.807	0	%100
84	M130	Z	-1.397	-1.397	0	%100
85	M131	X	-1.654	-1.654	0	%100
86	M131	Z	-2.865	-2.865	0	%100
87	M132	X	0	0	0	%100
88	M132	Z	0	0	0	%100
89	M133	X	-.953	-.953	0	%100
90	M133	Z	-1.651	-1.651	0	%100
91	M134A	X	-.953	-.953	0	%100
92	M134A	Z	-1.651	-1.651	0	%100
93	M134	X	-1.087	-1.087	0	%100
94	M134	Z	-1.883	-1.883	0	%100
95	MP4A	X	-1.313	-1.313	0	%100
96	MP4A	Z	-2.274	-2.274	0	%100
97	MP3A	X	-1.313	-1.313	0	%100
98	MP3A	Z	-2.274	-2.274	0	%100
99	M95A	X	0	0	0	%100
100	M95A	Z	0	0	0	%100
101	MP2C	X	-1.313	-1.313	0	%100
102	MP2C	Z	-2.274	-2.274	0	%100
103	MP1C	X	-1.313	-1.313	0	%100
104	MP1C	Z	-2.274	-2.274	0	%100
105	M102	X	0	0	0	%100
106	M102	Z	0	0	0	%100
107	MP4C	X	-1.313	-1.313	0	%100
108	MP4C	Z	-2.274	-2.274	0	%100
109	MP3C	X	-1.313	-1.313	0	%100
110	MP3C	Z	-2.274	-2.274	0	%100
111	M109	X	-1.285	-1.285	0	%100
112	M109	Z	-2.225	-2.225	0	%100
113	MP2B	X	-1.313	-1.313	0	%100
114	MP2B	Z	-2.274	-2.274	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[in,%]	End Location[in,%]
115	MP1B	X	-1.313	-1.313	0	%100
116	MP1B	Z	-2.274	-2.274	0	%100
117	M116	X	-1.036	-1.036	0	%100
118	M116	Z	-1.794	-1.794	0	%100
119	MP4B	X	-1.313	-1.313	0	%100
120	MP4B	Z	-2.274	-2.274	0	%100
121	MP3B	X	-1.313	-1.313	0	%100
122	MP3B	Z	-2.274	-2.274	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[in,%]	End Location[in,%]
1	M1	X	0	0	0	%100
2	M1	Z	-.743	-.743	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	-.638	-.638	0	%100
7	MP2A	X	0	0	0	%100
8	MP2A	Z	-.439	-.439	0	%100
9	MP1A	X	0	0	0	%100
10	MP1A	Z	-.439	-.439	0	%100
11	M43	X	0	0	0	%100
12	M43	Z	-.638	-.638	0	%100
13	M46	X	0	0	0	%100
14	M46	Z	-1.273	-1.273	0	%100
15	M51B	X	0	0	0	%100
16	M51B	Z	-.177	-.177	0	%100
17	M52B	X	0	0	0	%100
18	M52B	Z	-.177	-.177	0	%100
19	M76	X	0	0	0	%100
20	M76	Z	0	0	0	%100
21	M77	X	0	0	0	%100
22	M77	Z	-.324	-.324	0	%100
23	M80	X	0	0	0	%100
24	M80	Z	-.342	-.342	0	%100
25	M84	X	0	0	0	%100
26	M84	Z	0	0	0	%100
27	M85	X	0	0	0	%100
28	M85	Z	-.324	-.324	0	%100
29	M91	X	0	0	0	%100
30	M91	Z	-.342	-.342	0	%100
31	M52A	X	0	0	0	%100
32	M52A	Z	-.566	-.566	0	%100
33	M53	X	0	0	0	%100
34	M53	Z	-.16	-.16	0	%100
35	M54	X	0	0	0	%100
36	M54	Z	-.16	-.16	0	%100
37	M55	X	0	0	0	%100
38	M55	Z	-.318	-.318	0	%100
39	M58A	X	0	0	0	%100
40	M58A	Z	-.177	-.177	0	%100
41	M59A	X	0	0	0	%100
42	M59A	Z	-.707	-.707	0	%100
43	M63	X	0	0	0	%100
44	M63	Z	-.955	-.955	0	%100
45	M64	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[in,%]	End Location[in,%]
46	M64	Z	-.324	-.324	0	%100
47	M66	X	0	0	0	%100
48	M66	Z	-.342	-.342	0	%100
49	M68	X	0	0	0	%100
50	M68	Z	-.955	-.955	0	%100
51	M69	X	0	0	0	%100
52	M69	Z	-1.297	-1.297	0	%100
53	M71	X	0	0	0	%100
54	M71	Z	-1.366	-1.366	0	%100
55	M76A	X	0	0	0	%100
56	M76A	Z	-.566	-.566	0	%100
57	M77A	X	0	0	0	%100
58	M77A	Z	-.16	-.16	0	%100
59	M78	X	0	0	0	%100
60	M78	Z	-.16	-.16	0	%100
61	M79A	X	0	0	0	%100
62	M79A	Z	-.318	-.318	0	%100
63	M82	X	0	0	0	%100
64	M82	Z	-.707	-.707	0	%100
65	M83A	X	0	0	0	%100
66	M83A	Z	-.177	-.177	0	%100
67	M87	X	0	0	0	%100
68	M87	Z	-.955	-.955	0	%100
69	M88A	X	0	0	0	%100
70	M88A	Z	-1.297	-1.297	0	%100
71	M90	X	0	0	0	%100
72	M90	Z	-1.366	-1.366	0	%100
73	M92A	X	0	0	0	%100
74	M92A	Z	-.955	-.955	0	%100
75	M93	X	0	0	0	%100
76	M93	Z	-.324	-.324	0	%100
77	M95	X	0	0	0	%100
78	M95	Z	-.342	-.342	0	%100
79	M84B	X	0	0	0	%100
80	M84B	Z	-.504	-.504	0	%100
81	M129	X	0	0	0	%100
82	M129	Z	-.587	-.587	0	%100
83	M130	X	0	0	0	%100
84	M130	Z	-.224	-.224	0	%100
85	M131	X	0	0	0	%100
86	M131	Z	-.587	-.587	0	%100
87	M132	X	0	0	0	%100
88	M132	Z	-.149	-.149	0	%100
89	M133	X	0	0	0	%100
90	M133	Z	-.595	-.595	0	%100
91	M134A	X	0	0	0	%100
92	M134A	Z	-.149	-.149	0	%100
93	M134	X	0	0	0	%100
94	M134	Z	-.373	-.373	0	%100
95	MP4A	X	0	0	0	%100
96	MP4A	Z	-.439	-.439	0	%100
97	MP3A	X	0	0	0	%100
98	MP3A	Z	-.439	-.439	0	%100
99	M95A	X	0	0	0	%100
100	M95A	Z	-.186	-.186	0	%100
101	MP2C	X	0	0	0	%100
102	MP2C	Z	-.439	-.439	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[in,%]	End Location[in,%]
103	MP1C	X	0	0	0	%100
104	MP1C	Z	-.439	-.439	0	%100
105	M102	X	0	0	0	%100
106	M102	Z	-.126	-.126	0	%100
107	MP4C	X	0	0	0	%100
108	MP4C	Z	-.439	-.439	0	%100
109	MP3C	X	0	0	0	%100
110	MP3C	Z	-.439	-.439	0	%100
111	M109	X	0	0	0	%100
112	M109	Z	-.186	-.186	0	%100
113	MP2B	X	0	0	0	%100
114	MP2B	Z	-.439	-.439	0	%100
115	MP1B	X	0	0	0	%100
116	MP1B	Z	-.439	-.439	0	%100
117	M116	X	0	0	0	%100
118	M116	Z	-.126	-.126	0	%100
119	MP4B	X	0	0	0	%100
120	MP4B	Z	-.439	-.439	0	%100
121	MP3B	X	0	0	0	%100
122	MP3B	Z	-.439	-.439	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[in,%]	End Location[in,%]
1	M1	X	.279	.279	0	%100
2	M1	Z	-.482	-.482	0	%100
3	M4	X	.094	.094	0	%100
4	M4	Z	-.163	-.163	0	%100
5	M10	X	.239	.239	0	%100
6	M10	Z	-.415	-.415	0	%100
7	MP2A	X	.228	.228	0	%100
8	MP2A	Z	-.394	-.394	0	%100
9	MP1A	X	.228	.228	0	%100
10	MP1A	Z	-.394	-.394	0	%100
11	M43	X	.239	.239	0	%100
12	M43	Z	-.415	-.415	0	%100
13	M46	X	.478	.478	0	%100
14	M46	Z	-.827	-.827	0	%100
15	M51B	X	.265	.265	0	%100
16	M51B	Z	-.459	-.459	0	%100
17	M52B	X	0	0	0	%100
18	M52B	Z	0	0	0	%100
19	M76	X	.159	.159	0	%100
20	M76	Z	-.276	-.276	0	%100
21	M77	X	.486	.486	0	%100
22	M77	Z	-.842	-.842	0	%100
23	M80	X	.512	.512	0	%100
24	M80	Z	-.887	-.887	0	%100
25	M84	X	.159	.159	0	%100
26	M84	Z	-.276	-.276	0	%100
27	M85	X	0	0	0	%100
28	M85	Z	0	0	0	%100
29	M91	X	0	0	0	%100
30	M91	Z	0	0	0	%100
31	M52A	X	.094	.094	0	%100
32	M52A	Z	-.163	-.163	0	%100
33	M53	X	.239	.239	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[in,%]	End Location[in,%]
34	M53	Z	-.415	-.415	0	%100
35	M54	X	.239	.239	0	%100
36	M54	Z	-.415	-.415	0	%100
37	M55	X	.478	.478	0	%100
38	M55	Z	-.827	-.827	0	%100
39	M58A	X	0	0	0	%100
40	M58A	Z	0	0	0	%100
41	M59A	X	.265	.265	0	%100
42	M59A	Z	-.459	-.459	0	%100
43	M63	X	.159	.159	0	%100
44	M63	Z	-.276	-.276	0	%100
45	M64	X	0	0	0	%100
46	M64	Z	0	0	0	%100
47	M66	X	0	0	0	%100
48	M66	Z	0	0	0	%100
49	M68	X	.159	.159	0	%100
50	M68	Z	-.276	-.276	0	%100
51	M69	X	.486	.486	0	%100
52	M69	Z	-.842	-.842	0	%100
53	M71	X	.512	.512	0	%100
54	M71	Z	-.887	-.887	0	%100
55	M76A	X	.377	.377	0	%100
56	M76A	Z	-.653	-.653	0	%100
57	M77A	X	0	0	0	%100
58	M77A	Z	0	0	0	%100
59	M78	X	0	0	0	%100
60	M78	Z	0	0	0	%100
61	M79A	X	0	0	0	%100
62	M79A	Z	0	0	0	%100
63	M82	X	.265	.265	0	%100
64	M82	Z	-.459	-.459	0	%100
65	M83A	X	.265	.265	0	%100
66	M83A	Z	-.459	-.459	0	%100
67	M87	X	.637	.637	0	%100
68	M87	Z	-1.103	-1.103	0	%100
69	M88A	X	.486	.486	0	%100
70	M88A	Z	-.842	-.842	0	%100
71	M90	X	.512	.512	0	%100
72	M90	Z	-.887	-.887	0	%100
73	M92A	X	.637	.637	0	%100
74	M92A	Z	-1.103	-1.103	0	%100
75	M93	X	.486	.486	0	%100
76	M93	Z	-.842	-.842	0	%100
77	M95	X	.512	.512	0	%100
78	M95	Z	-.887	-.887	0	%100
79	M84B	X	.189	.189	0	%100
80	M84B	Z	-.327	-.327	0	%100
81	M129	X	.354	.354	0	%100
82	M129	Z	-.613	-.613	0	%100
83	M130	X	.172	.172	0	%100
84	M130	Z	-.299	-.299	0	%100
85	M131	X	.172	.172	0	%100
86	M131	Z	-.299	-.299	0	%100
87	M132	X	.223	.223	0	%100
88	M132	Z	-.386	-.386	0	%100
89	M133	X	.223	.223	0	%100
90	M133	Z	-.386	-.386	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[in,%]	End Location[in,%]
91	M134A	X	0	0	0	%100
92	M134A	Z	0	0	0	%100
93	M134	X	.191	.191	0	%100
94	M134	Z	-.331	-.331	0	%100
95	MP4A	X	.228	.228	0	%100
96	MP4A	Z	-.394	-.394	0	%100
97	MP3A	X	.228	.228	0	%100
98	MP3A	Z	-.394	-.394	0	%100
99	M95A	X	.279	.279	0	%100
100	M95A	Z	-.482	-.482	0	%100
101	MP2C	X	.228	.228	0	%100
102	MP2C	Z	-.394	-.394	0	%100
103	MP1C	X	.228	.228	0	%100
104	MP1C	Z	-.394	-.394	0	%100
105	M102	X	.189	.189	0	%100
106	M102	Z	-.327	-.327	0	%100
107	MP4C	X	.228	.228	0	%100
108	MP4C	Z	-.394	-.394	0	%100
109	MP3C	X	.228	.228	0	%100
110	MP3C	Z	-.394	-.394	0	%100
111	M109	X	0	0	0	%100
112	M109	Z	0	0	0	%100
113	MP2B	X	.228	.228	0	%100
114	MP2B	Z	-.394	-.394	0	%100
115	MP1B	X	.228	.228	0	%100
116	MP1B	Z	-.394	-.394	0	%100
117	M116	X	0	0	0	%100
118	M116	Z	0	0	0	%100
119	MP4B	X	.228	.228	0	%100
120	MP4B	Z	-.394	-.394	0	%100
121	MP3B	X	.228	.228	0	%100
122	MP3B	Z	-.394	-.394	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[in,%]	End Location[in,%]
1	M1	X	.161	.161	0	%100
2	M1	Z	-.093	-.093	0	%100
3	M4	X	.49	.49	0	%100
4	M4	Z	-.283	-.283	0	%100
5	M10	X	.138	.138	0	%100
6	M10	Z	-.08	-.08	0	%100
7	MP2A	X	.422	.422	0	%100
8	MP2A	Z	-.244	-.244	0	%100
9	MP1A	X	.422	.422	0	%100
10	MP1A	Z	-.244	-.244	0	%100
11	M43	X	.138	.138	0	%100
12	M43	Z	-.08	-.08	0	%100
13	M46	X	.276	.276	0	%100
14	M46	Z	-.159	-.159	0	%100
15	M51B	X	.612	.612	0	%100
16	M51B	Z	-.354	-.354	0	%100
17	M52B	X	.153	.153	0	%100
18	M52B	Z	-.088	-.088	0	%100
19	M76	X	.827	.827	0	%100
20	M76	Z	-.478	-.478	0	%100
21	M77	X	1.123	1.123	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[in,%]	End Location[in,%]
22	M77	Z	-.648	-.648	0	%100
23	M80	X	1.183	1.183	0	%100
24	M80	Z	-.683	-.683	0	%100
25	M84	X	.827	.827	0	%100
26	M84	Z	-.478	-.478	0	%100
27	M85	X	.281	.281	0	%100
28	M85	Z	-.162	-.162	0	%100
29	M91	X	.296	.296	0	%100
30	M91	Z	-.171	-.171	0	%100
31	M52A	X	0	0	0	%100
32	M52A	Z	0	0	0	%100
33	M53	X	.553	.553	0	%100
34	M53	Z	-.319	-.319	0	%100
35	M54	X	.553	.553	0	%100
36	M54	Z	-.319	-.319	0	%100
37	M55	X	1.103	1.103	0	%100
38	M55	Z	-.637	-.637	0	%100
39	M58A	X	.153	.153	0	%100
40	M58A	Z	-.088	-.088	0	%100
41	M59A	X	.153	.153	0	%100
42	M59A	Z	-.088	-.088	0	%100
43	M63	X	0	0	0	%100
44	M63	Z	0	0	0	%100
45	M64	X	.281	.281	0	%100
46	M64	Z	-.162	-.162	0	%100
47	M66	X	.296	.296	0	%100
48	M66	Z	-.171	-.171	0	%100
49	M68	X	0	0	0	%100
50	M68	Z	0	0	0	%100
51	M69	X	.281	.281	0	%100
52	M69	Z	-.162	-.162	0	%100
53	M71	X	.296	.296	0	%100
54	M71	Z	-.171	-.171	0	%100
55	M76A	X	.49	.49	0	%100
56	M76A	Z	-.283	-.283	0	%100
57	M77A	X	.138	.138	0	%100
58	M77A	Z	-.08	-.08	0	%100
59	M78	X	.138	.138	0	%100
60	M78	Z	-.08	-.08	0	%100
61	M79A	X	.276	.276	0	%100
62	M79A	Z	-.159	-.159	0	%100
63	M82	X	.153	.153	0	%100
64	M82	Z	-.088	-.088	0	%100
65	M83A	X	.612	.612	0	%100
66	M83A	Z	-.354	-.354	0	%100
67	M87	X	.827	.827	0	%100
68	M87	Z	-.478	-.478	0	%100
69	M88A	X	.281	.281	0	%100
70	M88A	Z	-.162	-.162	0	%100
71	M90	X	.296	.296	0	%100
72	M90	Z	-.171	-.171	0	%100
73	M92A	X	.827	.827	0	%100
74	M92A	Z	-.478	-.478	0	%100
75	M93	X	1.123	1.123	0	%100
76	M93	Z	-.648	-.648	0	%100
77	M95	X	1.183	1.183	0	%100
78	M95	Z	-.683	-.683	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[in,%]	End Location[in,%]
79	M84B	X	.109	.109	0	%100
80	M84B	Z	-.063	-.063	0	%100
81	M129	X	.508	.508	0	%100
82	M129	Z	-.293	-.293	0	%100
83	M130	X	.508	.508	0	%100
84	M130	Z	-.293	-.293	0	%100
85	M131	X	.194	.194	0	%100
86	M131	Z	-.112	-.112	0	%100
87	M132	X	.515	.515	0	%100
88	M132	Z	-.298	-.298	0	%100
89	M133	X	.129	.129	0	%100
90	M133	Z	-.074	-.074	0	%100
91	M134A	X	.129	.129	0	%100
92	M134A	Z	-.074	-.074	0	%100
93	M134	X	.346	.346	0	%100
94	M134	Z	-.2	-.2	0	%100
95	MP4A	X	.422	.422	0	%100
96	MP4A	Z	-.244	-.244	0	%100
97	MP3A	X	.422	.422	0	%100
98	MP3A	Z	-.244	-.244	0	%100
99	M95A	X	.643	.643	0	%100
100	M95A	Z	-.371	-.371	0	%100
101	MP2C	X	.422	.422	0	%100
102	MP2C	Z	-.244	-.244	0	%100
103	MP1C	X	.422	.422	0	%100
104	MP1C	Z	-.244	-.244	0	%100
105	M102	X	.437	.437	0	%100
106	M102	Z	-.252	-.252	0	%100
107	MP4C	X	.422	.422	0	%100
108	MP4C	Z	-.244	-.244	0	%100
109	MP3C	X	.422	.422	0	%100
110	MP3C	Z	-.244	-.244	0	%100
111	M109	X	.161	.161	0	%100
112	M109	Z	-.093	-.093	0	%100
113	MP2B	X	.422	.422	0	%100
114	MP2B	Z	-.244	-.244	0	%100
115	MP1B	X	.422	.422	0	%100
116	MP1B	Z	-.244	-.244	0	%100
117	M116	X	.109	.109	0	%100
118	M116	Z	-.063	-.063	0	%100
119	MP4B	X	.422	.422	0	%100
120	MP4B	Z	-.244	-.244	0	%100
121	MP3B	X	.422	.422	0	%100
122	MP3B	Z	-.244	-.244	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[in,%]	End Location[in,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	.754	.754	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	MP2A	X	.504	.504	0	%100
8	MP2A	Z	0	0	0	%100
9	MP1A	X	.504	.504	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[in,%]	End Location[in,%]
10	MP1A	Z	0	0	0	%100
11	M43	X	0	0	0	%100
12	M43	Z	0	0	0	%100
13	M46	X	0	0	0	%100
14	M46	Z	0	0	0	%100
15	M51B	X	.53	.53	0	%100
16	M51B	Z	0	0	0	%100
17	M52B	X	.53	.53	0	%100
18	M52B	Z	0	0	0	%100
19	M76	X	1.273	1.273	0	%100
20	M76	Z	0	0	0	%100
21	M77	X	.973	.973	0	%100
22	M77	Z	0	0	0	%100
23	M80	X	1.025	1.025	0	%100
24	M80	Z	0	0	0	%100
25	M84	X	1.273	1.273	0	%100
26	M84	Z	0	0	0	%100
27	M85	X	.973	.973	0	%100
28	M85	Z	0	0	0	%100
29	M91	X	1.025	1.025	0	%100
30	M91	Z	0	0	0	%100
31	M52A	X	.189	.189	0	%100
32	M52A	Z	0	0	0	%100
33	M53	X	.479	.479	0	%100
34	M53	Z	0	0	0	%100
35	M54	X	.479	.479	0	%100
36	M54	Z	0	0	0	%100
37	M55	X	.955	.955	0	%100
38	M55	Z	0	0	0	%100
39	M58A	X	.53	.53	0	%100
40	M58A	Z	0	0	0	%100
41	M59A	X	0	0	0	%100
42	M59A	Z	0	0	0	%100
43	M63	X	.318	.318	0	%100
44	M63	Z	0	0	0	%100
45	M64	X	.973	.973	0	%100
46	M64	Z	0	0	0	%100
47	M66	X	1.025	1.025	0	%100
48	M66	Z	0	0	0	%100
49	M68	X	.318	.318	0	%100
50	M68	Z	0	0	0	%100
51	M69	X	0	0	0	%100
52	M69	Z	0	0	0	%100
53	M71	X	0	0	0	%100
54	M71	Z	0	0	0	%100
55	M76A	X	.189	.189	0	%100
56	M76A	Z	0	0	0	%100
57	M77A	X	.479	.479	0	%100
58	M77A	Z	0	0	0	%100
59	M78	X	.479	.479	0	%100
60	M78	Z	0	0	0	%100
61	M79A	X	.955	.955	0	%100
62	M79A	Z	0	0	0	%100
63	M82	X	0	0	0	%100
64	M82	Z	0	0	0	%100
65	M83A	X	.53	.53	0	%100
66	M83A	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[in,%]	End Location[in,%]
67	M87	X	.318	.318	0	%100
68	M87	Z	0	0	0	%100
69	M88A	X	0	0	0	%100
70	M88A	Z	0	0	0	%100
71	M90	X	0	0	0	%100
72	M90	Z	0	0	0	%100
73	M92A	X	.318	.318	0	%100
74	M92A	Z	0	0	0	%100
75	M93	X	.973	.973	0	%100
76	M93	Z	0	0	0	%100
77	M95	X	1.025	1.025	0	%100
78	M95	Z	0	0	0	%100
79	M84B	X	0	0	0	%100
80	M84B	Z	0	0	0	%100
81	M129	X	.345	.345	0	%100
82	M129	Z	0	0	0	%100
83	M130	X	.707	.707	0	%100
84	M130	Z	0	0	0	%100
85	M131	X	.345	.345	0	%100
86	M131	Z	0	0	0	%100
87	M132	X	.446	.446	0	%100
88	M132	Z	0	0	0	%100
89	M133	X	0	0	0	%100
90	M133	Z	0	0	0	%100
91	M134A	X	.446	.446	0	%100
92	M134A	Z	0	0	0	%100
93	M134	X	.408	.408	0	%100
94	M134	Z	0	0	0	%100
95	MP4A	X	.504	.504	0	%100
96	MP4A	Z	0	0	0	%100
97	MP3A	X	.504	.504	0	%100
98	MP3A	Z	0	0	0	%100
99	M95A	X	.557	.557	0	%100
100	M95A	Z	0	0	0	%100
101	MP2C	X	.504	.504	0	%100
102	MP2C	Z	0	0	0	%100
103	MP1C	X	.504	.504	0	%100
104	MP1C	Z	0	0	0	%100
105	M102	X	.378	.378	0	%100
106	M102	Z	0	0	0	%100
107	MP4C	X	.504	.504	0	%100
108	MP4C	Z	0	0	0	%100
109	MP3C	X	.504	.504	0	%100
110	MP3C	Z	0	0	0	%100
111	M109	X	.557	.557	0	%100
112	M109	Z	0	0	0	%100
113	MP2B	X	.504	.504	0	%100
114	MP2B	Z	0	0	0	%100
115	MP1B	X	.504	.504	0	%100
116	MP1B	Z	0	0	0	%100
117	M116	X	.378	.378	0	%100
118	M116	Z	0	0	0	%100
119	MP4B	X	.504	.504	0	%100
120	MP4B	Z	0	0	0	%100
121	MP3B	X	.504	.504	0	%100
122	MP3B	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[in,%]	End Location[in,%]
1	M1	X	.161	.161	0	%100
2	M1	Z	.093	.093	0	%100
3	M4	X	.49	.49	0	%100
4	M4	Z	.283	.283	0	%100
5	M10	X	.138	.138	0	%100
6	M10	Z	.08	.08	0	%100
7	MP2A	X	.422	.422	0	%100
8	MP2A	Z	.244	.244	0	%100
9	MP1A	X	.422	.422	0	%100
10	MP1A	Z	.244	.244	0	%100
11	M43	X	.138	.138	0	%100
12	M43	Z	.08	.08	0	%100
13	M46	X	.276	.276	0	%100
14	M46	Z	.159	.159	0	%100
15	M51B	X	.153	.153	0	%100
16	M51B	Z	.088	.088	0	%100
17	M52B	X	.612	.612	0	%100
18	M52B	Z	.354	.354	0	%100
19	M76	X	.827	.827	0	%100
20	M76	Z	.478	.478	0	%100
21	M77	X	.281	.281	0	%100
22	M77	Z	.162	.162	0	%100
23	M80	X	.296	.296	0	%100
24	M80	Z	.171	.171	0	%100
25	M84	X	.827	.827	0	%100
26	M84	Z	.478	.478	0	%100
27	M85	X	1.123	1.123	0	%100
28	M85	Z	.648	.648	0	%100
29	M91	X	1.183	1.183	0	%100
30	M91	Z	.683	.683	0	%100
31	M52A	X	.49	.49	0	%100
32	M52A	Z	.283	.283	0	%100
33	M53	X	.138	.138	0	%100
34	M53	Z	.08	.08	0	%100
35	M54	X	.138	.138	0	%100
36	M54	Z	.08	.08	0	%100
37	M55	X	.276	.276	0	%100
38	M55	Z	.159	.159	0	%100
39	M58A	X	.612	.612	0	%100
40	M58A	Z	.354	.354	0	%100
41	M59A	X	.153	.153	0	%100
42	M59A	Z	.088	.088	0	%100
43	M63	X	.827	.827	0	%100
44	M63	Z	.478	.478	0	%100
45	M64	X	1.123	1.123	0	%100
46	M64	Z	.648	.648	0	%100
47	M66	X	1.183	1.183	0	%100
48	M66	Z	.683	.683	0	%100
49	M68	X	.827	.827	0	%100
50	M68	Z	.478	.478	0	%100
51	M69	X	.281	.281	0	%100
52	M69	Z	.162	.162	0	%100
53	M71	X	.296	.296	0	%100
54	M71	Z	.171	.171	0	%100
55	M76A	X	0	0	0	%100
56	M76A	Z	0	0	0	%100
57	M77A	X	.553	.553	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[in,%]	End Location[in,%]
58	M77A	Z	.319	.319	0	%100
59	M78	X	.553	.553	0	%100
60	M78	Z	.319	.319	0	%100
61	M79A	X	1.103	1.103	0	%100
62	M79A	Z	.637	.637	0	%100
63	M82	X	.153	.153	0	%100
64	M82	Z	.088	.088	0	%100
65	M83A	X	.153	.153	0	%100
66	M83A	Z	.088	.088	0	%100
67	M87	X	0	0	0	%100
68	M87	Z	0	0	0	%100
69	M88A	X	.281	.281	0	%100
70	M88A	Z	.162	.162	0	%100
71	M90	X	.296	.296	0	%100
72	M90	Z	.171	.171	0	%100
73	M92A	X	0	0	0	%100
74	M92A	Z	0	0	0	%100
75	M93	X	.281	.281	0	%100
76	M93	Z	.162	.162	0	%100
77	M95	X	.296	.296	0	%100
78	M95	Z	.171	.171	0	%100
79	M84B	X	.109	.109	0	%100
80	M84B	Z	.063	.063	0	%100
81	M129	X	.194	.194	0	%100
82	M129	Z	.112	.112	0	%100
83	M130	X	.508	.508	0	%100
84	M130	Z	.293	.293	0	%100
85	M131	X	.508	.508	0	%100
86	M131	Z	.293	.293	0	%100
87	M132	X	.129	.129	0	%100
88	M132	Z	.074	.074	0	%100
89	M133	X	.129	.129	0	%100
90	M133	Z	.074	.074	0	%100
91	M134A	X	.515	.515	0	%100
92	M134A	Z	.298	.298	0	%100
93	M134	X	.346	.346	0	%100
94	M134	Z	.2	.2	0	%100
95	MP4A	X	.422	.422	0	%100
96	MP4A	Z	.244	.244	0	%100
97	MP3A	X	.422	.422	0	%100
98	MP3A	Z	.244	.244	0	%100
99	M95A	X	.161	.161	0	%100
100	M95A	Z	.093	.093	0	%100
101	MP2C	X	.422	.422	0	%100
102	MP2C	Z	.244	.244	0	%100
103	MP1C	X	.422	.422	0	%100
104	MP1C	Z	.244	.244	0	%100
105	M102	X	.109	.109	0	%100
106	M102	Z	.063	.063	0	%100
107	MP4C	X	.422	.422	0	%100
108	MP4C	Z	.244	.244	0	%100
109	MP3C	X	.422	.422	0	%100
110	MP3C	Z	.244	.244	0	%100
111	M109	X	.643	.643	0	%100
112	M109	Z	.371	.371	0	%100
113	MP2B	X	.422	.422	0	%100
114	MP2B	Z	.244	.244	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[in,%]	End Location[in,%]
115	MP1B	X	.422	.422	0	%100
116	MP1B	Z	.244	.244	0	%100
117	M116	X	.437	.437	0	%100
118	M116	Z	.252	.252	0	%100
119	MP4B	X	.422	.422	0	%100
120	MP4B	Z	.244	.244	0	%100
121	MP3B	X	.422	.422	0	%100
122	MP3B	Z	.244	.244	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[in,%]	End Location[in,%]
1	M1	X	.279	.279	0	%100
2	M1	Z	.482	.482	0	%100
3	M4	X	.094	.094	0	%100
4	M4	Z	.163	.163	0	%100
5	M10	X	.239	.239	0	%100
6	M10	Z	.415	.415	0	%100
7	MP2A	X	.228	.228	0	%100
8	MP2A	Z	.394	.394	0	%100
9	MP1A	X	.228	.228	0	%100
10	MP1A	Z	.394	.394	0	%100
11	M43	X	.239	.239	0	%100
12	M43	Z	.415	.415	0	%100
13	M46	X	.478	.478	0	%100
14	M46	Z	.827	.827	0	%100
15	M51B	X	0	0	0	%100
16	M51B	Z	0	0	0	%100
17	M52B	X	.265	.265	0	%100
18	M52B	Z	.459	.459	0	%100
19	M76	X	.159	.159	0	%100
20	M76	Z	.276	.276	0	%100
21	M77	X	0	0	0	%100
22	M77	Z	0	0	0	%100
23	M80	X	0	0	0	%100
24	M80	Z	0	0	0	%100
25	M84	X	.159	.159	0	%100
26	M84	Z	.276	.276	0	%100
27	M85	X	.486	.486	0	%100
28	M85	Z	.842	.842	0	%100
29	M91	X	.512	.512	0	%100
30	M91	Z	.887	.887	0	%100
31	M52A	X	.377	.377	0	%100
32	M52A	Z	.653	.653	0	%100
33	M53	X	0	0	0	%100
34	M53	Z	0	0	0	%100
35	M54	X	0	0	0	%100
36	M54	Z	0	0	0	%100
37	M55	X	0	0	0	%100
38	M55	Z	0	0	0	%100
39	M58A	X	.265	.265	0	%100
40	M58A	Z	.459	.459	0	%100
41	M59A	X	.265	.265	0	%100
42	M59A	Z	.459	.459	0	%100
43	M63	X	.637	.637	0	%100
44	M63	Z	1.103	1.103	0	%100
45	M64	X	.486	.486	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[in,%]	End Location[in,%]
46	M64	Z	.842	.842	0	%100
47	M66	X	.512	.512	0	%100
48	M66	Z	.887	.887	0	%100
49	M68	X	.637	.637	0	%100
50	M68	Z	1.103	1.103	0	%100
51	M69	X	.486	.486	0	%100
52	M69	Z	.842	.842	0	%100
53	M71	X	.512	.512	0	%100
54	M71	Z	.887	.887	0	%100
55	M76A	X	.094	.094	0	%100
56	M76A	Z	.163	.163	0	%100
57	M77A	X	.239	.239	0	%100
58	M77A	Z	.415	.415	0	%100
59	M78	X	.239	.239	0	%100
60	M78	Z	.415	.415	0	%100
61	M79A	X	.478	.478	0	%100
62	M79A	Z	.827	.827	0	%100
63	M82	X	.265	.265	0	%100
64	M82	Z	.459	.459	0	%100
65	M83A	X	0	0	0	%100
66	M83A	Z	0	0	0	%100
67	M87	X	.159	.159	0	%100
68	M87	Z	.276	.276	0	%100
69	M88A	X	.486	.486	0	%100
70	M88A	Z	.842	.842	0	%100
71	M90	X	.512	.512	0	%100
72	M90	Z	.887	.887	0	%100
73	M92A	X	.159	.159	0	%100
74	M92A	Z	.276	.276	0	%100
75	M93	X	0	0	0	%100
76	M93	Z	0	0	0	%100
77	M95	X	0	0	0	%100
78	M95	Z	0	0	0	%100
79	M84B	X	.189	.189	0	%100
80	M84B	Z	.327	.327	0	%100
81	M129	X	.172	.172	0	%100
82	M129	Z	.299	.299	0	%100
83	M130	X	.172	.172	0	%100
84	M130	Z	.299	.299	0	%100
85	M131	X	.354	.354	0	%100
86	M131	Z	.613	.613	0	%100
87	M132	X	0	0	0	%100
88	M132	Z	0	0	0	%100
89	M133	X	.223	.223	0	%100
90	M133	Z	.386	.386	0	%100
91	M134A	X	.223	.223	0	%100
92	M134A	Z	.386	.386	0	%100
93	M134	X	.191	.191	0	%100
94	M134	Z	.331	.331	0	%100
95	MP4A	X	.228	.228	0	%100
96	MP4A	Z	.394	.394	0	%100
97	MP3A	X	.228	.228	0	%100
98	MP3A	Z	.394	.394	0	%100
99	M95A	X	0	0	0	%100
100	M95A	Z	0	0	0	%100
101	MP2C	X	.228	.228	0	%100
102	MP2C	Z	.394	.394	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[in,%]	End Location[in,%]
103	MP1C	X	.228	.228	0	%100
104	MP1C	Z	.394	.394	0	%100
105	M102	X	0	0	0	%100
106	M102	Z	0	0	0	%100
107	MP4C	X	.228	.228	0	%100
108	MP4C	Z	.394	.394	0	%100
109	MP3C	X	.228	.228	0	%100
110	MP3C	Z	.394	.394	0	%100
111	M109	X	.279	.279	0	%100
112	M109	Z	.482	.482	0	%100
113	MP2B	X	.228	.228	0	%100
114	MP2B	Z	.394	.394	0	%100
115	MP1B	X	.228	.228	0	%100
116	MP1B	Z	.394	.394	0	%100
117	M116	X	.189	.189	0	%100
118	M116	Z	.327	.327	0	%100
119	MP4B	X	.228	.228	0	%100
120	MP4B	Z	.394	.394	0	%100
121	MP3B	X	.228	.228	0	%100
122	MP3B	Z	.394	.394	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[in,%]	End Location[in,%]
1	M1	X	0	0	0	%100
2	M1	Z	.743	.743	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	.638	.638	0	%100
7	MP2A	X	0	0	0	%100
8	MP2A	Z	.439	.439	0	%100
9	MP1A	X	0	0	0	%100
10	MP1A	Z	.439	.439	0	%100
11	M43	X	0	0	0	%100
12	M43	Z	.638	.638	0	%100
13	M46	X	0	0	0	%100
14	M46	Z	1.273	1.273	0	%100
15	M51B	X	0	0	0	%100
16	M51B	Z	.177	.177	0	%100
17	M52B	X	0	0	0	%100
18	M52B	Z	.177	.177	0	%100
19	M76	X	0	0	0	%100
20	M76	Z	0	0	0	%100
21	M77	X	0	0	0	%100
22	M77	Z	.324	.324	0	%100
23	M80	X	0	0	0	%100
24	M80	Z	.342	.342	0	%100
25	M84	X	0	0	0	%100
26	M84	Z	0	0	0	%100
27	M85	X	0	0	0	%100
28	M85	Z	.324	.324	0	%100
29	M91	X	0	0	0	%100
30	M91	Z	.342	.342	0	%100
31	M52A	X	0	0	0	%100
32	M52A	Z	.566	.566	0	%100
33	M53	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[in,%]	End Location[in,%]
34	M53	Z	.16	.16	0	%100
35	M54	X	0	0	0	%100
36	M54	Z	.16	.16	0	%100
37	M55	X	0	0	0	%100
38	M55	Z	.318	.318	0	%100
39	M58A	X	0	0	0	%100
40	M58A	Z	.177	.177	0	%100
41	M59A	X	0	0	0	%100
42	M59A	Z	.707	.707	0	%100
43	M63	X	0	0	0	%100
44	M63	Z	.955	.955	0	%100
45	M64	X	0	0	0	%100
46	M64	Z	.324	.324	0	%100
47	M66	X	0	0	0	%100
48	M66	Z	.342	.342	0	%100
49	M68	X	0	0	0	%100
50	M68	Z	.955	.955	0	%100
51	M69	X	0	0	0	%100
52	M69	Z	1.297	1.297	0	%100
53	M71	X	0	0	0	%100
54	M71	Z	1.366	1.366	0	%100
55	M76A	X	0	0	0	%100
56	M76A	Z	.566	.566	0	%100
57	M77A	X	0	0	0	%100
58	M77A	Z	.16	.16	0	%100
59	M78	X	0	0	0	%100
60	M78	Z	.16	.16	0	%100
61	M79A	X	0	0	0	%100
62	M79A	Z	.318	.318	0	%100
63	M82	X	0	0	0	%100
64	M82	Z	.707	.707	0	%100
65	M83A	X	0	0	0	%100
66	M83A	Z	.177	.177	0	%100
67	M87	X	0	0	0	%100
68	M87	Z	.955	.955	0	%100
69	M88A	X	0	0	0	%100
70	M88A	Z	1.297	1.297	0	%100
71	M90	X	0	0	0	%100
72	M90	Z	1.366	1.366	0	%100
73	M92A	X	0	0	0	%100
74	M92A	Z	.955	.955	0	%100
75	M93	X	0	0	0	%100
76	M93	Z	.324	.324	0	%100
77	M95	X	0	0	0	%100
78	M95	Z	.342	.342	0	%100
79	M84B	X	0	0	0	%100
80	M84B	Z	.504	.504	0	%100
81	M129	X	0	0	0	%100
82	M129	Z	.587	.587	0	%100
83	M130	X	0	0	0	%100
84	M130	Z	.224	.224	0	%100
85	M131	X	0	0	0	%100
86	M131	Z	.587	.587	0	%100
87	M132	X	0	0	0	%100
88	M132	Z	.149	.149	0	%100
89	M133	X	0	0	0	%100
90	M133	Z	.595	.595	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[in,%]	End Location[in,%]
91	M134A	X	0	0	0	%100
92	M134A	Z	.149	.149	0	%100
93	M134	X	0	0	0	%100
94	M134	Z	.373	.373	0	%100
95	MP4A	X	0	0	0	%100
96	MP4A	Z	.439	.439	0	%100
97	MP3A	X	0	0	0	%100
98	MP3A	Z	.439	.439	0	%100
99	M95A	X	0	0	0	%100
100	M95A	Z	.186	.186	0	%100
101	MP2C	X	0	0	0	%100
102	MP2C	Z	.439	.439	0	%100
103	MP1C	X	0	0	0	%100
104	MP1C	Z	.439	.439	0	%100
105	M102	X	0	0	0	%100
106	M102	Z	.126	.126	0	%100
107	MP4C	X	0	0	0	%100
108	MP4C	Z	.439	.439	0	%100
109	MP3C	X	0	0	0	%100
110	MP3C	Z	.439	.439	0	%100
111	M109	X	0	0	0	%100
112	M109	Z	.186	.186	0	%100
113	MP2B	X	0	0	0	%100
114	MP2B	Z	.439	.439	0	%100
115	MP1B	X	0	0	0	%100
116	MP1B	Z	.439	.439	0	%100
117	M116	X	0	0	0	%100
118	M116	Z	.126	.126	0	%100
119	MP4B	X	0	0	0	%100
120	MP4B	Z	.439	.439	0	%100
121	MP3B	X	0	0	0	%100
122	MP3B	Z	.439	.439	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[in,%]	End Location[in,%]
1	M1	X	-.279	-.279	0	%100
2	M1	Z	.482	.482	0	%100
3	M4	X	-.094	-.094	0	%100
4	M4	Z	.163	.163	0	%100
5	M10	X	-.239	-.239	0	%100
6	M10	Z	.415	.415	0	%100
7	MP2A	X	-.228	-.228	0	%100
8	MP2A	Z	.394	.394	0	%100
9	MP1A	X	-.228	-.228	0	%100
10	MP1A	Z	.394	.394	0	%100
11	M43	X	-.239	-.239	0	%100
12	M43	Z	.415	.415	0	%100
13	M46	X	-.478	-.478	0	%100
14	M46	Z	.827	.827	0	%100
15	M51B	X	-.265	-.265	0	%100
16	M51B	Z	.459	.459	0	%100
17	M52B	X	0	0	0	%100
18	M52B	Z	0	0	0	%100
19	M76	X	-.159	-.159	0	%100
20	M76	Z	.276	.276	0	%100
21	M77	X	-.486	-.486	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[in,%]	End Location[in,%]
22	M77	Z	.842	.842	0	%100
23	M80	X	-.512	-.512	0	%100
24	M80	Z	.887	.887	0	%100
25	M84	X	-.159	-.159	0	%100
26	M84	Z	.276	.276	0	%100
27	M85	X	0	0	0	%100
28	M85	Z	0	0	0	%100
29	M91	X	0	0	0	%100
30	M91	Z	0	0	0	%100
31	M52A	X	-.094	-.094	0	%100
32	M52A	Z	.163	.163	0	%100
33	M53	X	-.239	-.239	0	%100
34	M53	Z	.415	.415	0	%100
35	M54	X	-.239	-.239	0	%100
36	M54	Z	.415	.415	0	%100
37	M55	X	-.478	-.478	0	%100
38	M55	Z	.827	.827	0	%100
39	M58A	X	0	0	0	%100
40	M58A	Z	0	0	0	%100
41	M59A	X	-.265	-.265	0	%100
42	M59A	Z	.459	.459	0	%100
43	M63	X	-.159	-.159	0	%100
44	M63	Z	.276	.276	0	%100
45	M64	X	0	0	0	%100
46	M64	Z	0	0	0	%100
47	M66	X	0	0	0	%100
48	M66	Z	0	0	0	%100
49	M68	X	-.159	-.159	0	%100
50	M68	Z	.276	.276	0	%100
51	M69	X	-.486	-.486	0	%100
52	M69	Z	.842	.842	0	%100
53	M71	X	-.512	-.512	0	%100
54	M71	Z	.887	.887	0	%100
55	M76A	X	-.377	-.377	0	%100
56	M76A	Z	.653	.653	0	%100
57	M77A	X	0	0	0	%100
58	M77A	Z	0	0	0	%100
59	M78	X	0	0	0	%100
60	M78	Z	0	0	0	%100
61	M79A	X	0	0	0	%100
62	M79A	Z	0	0	0	%100
63	M82	X	-.265	-.265	0	%100
64	M82	Z	.459	.459	0	%100
65	M83A	X	-.265	-.265	0	%100
66	M83A	Z	.459	.459	0	%100
67	M87	X	-.637	-.637	0	%100
68	M87	Z	1.103	1.103	0	%100
69	M88A	X	-.486	-.486	0	%100
70	M88A	Z	.842	.842	0	%100
71	M90	X	-.512	-.512	0	%100
72	M90	Z	.887	.887	0	%100
73	M92A	X	-.637	-.637	0	%100
74	M92A	Z	1.103	1.103	0	%100
75	M93	X	-.486	-.486	0	%100
76	M93	Z	.842	.842	0	%100
77	M95	X	-.512	-.512	0	%100
78	M95	Z	.887	.887	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[in,%]	End Location[in,%]
79	M84B	X	-.189	-.189	0	%100
80	M84B	Z	.327	.327	0	%100
81	M129	X	-.354	-.354	0	%100
82	M129	Z	.613	.613	0	%100
83	M130	X	-.172	-.172	0	%100
84	M130	Z	.299	.299	0	%100
85	M131	X	-.172	-.172	0	%100
86	M131	Z	.299	.299	0	%100
87	M132	X	-.223	-.223	0	%100
88	M132	Z	.386	.386	0	%100
89	M133	X	-.223	-.223	0	%100
90	M133	Z	.386	.386	0	%100
91	M134A	X	0	0	0	%100
92	M134A	Z	0	0	0	%100
93	M134	X	-.191	-.191	0	%100
94	M134	Z	.331	.331	0	%100
95	MP4A	X	-.228	-.228	0	%100
96	MP4A	Z	.394	.394	0	%100
97	MP3A	X	-.228	-.228	0	%100
98	MP3A	Z	.394	.394	0	%100
99	M95A	X	-.279	-.279	0	%100
100	M95A	Z	.482	.482	0	%100
101	MP2C	X	-.228	-.228	0	%100
102	MP2C	Z	.394	.394	0	%100
103	MP1C	X	-.228	-.228	0	%100
104	MP1C	Z	.394	.394	0	%100
105	M102	X	-.189	-.189	0	%100
106	M102	Z	.327	.327	0	%100
107	MP4C	X	-.228	-.228	0	%100
108	MP4C	Z	.394	.394	0	%100
109	MP3C	X	-.228	-.228	0	%100
110	MP3C	Z	.394	.394	0	%100
111	M109	X	0	0	0	%100
112	M109	Z	0	0	0	%100
113	MP2B	X	-.228	-.228	0	%100
114	MP2B	Z	.394	.394	0	%100
115	MP1B	X	-.228	-.228	0	%100
116	MP1B	Z	.394	.394	0	%100
117	M116	X	0	0	0	%100
118	M116	Z	0	0	0	%100
119	MP4B	X	-.228	-.228	0	%100
120	MP4B	Z	.394	.394	0	%100
121	MP3B	X	-.228	-.228	0	%100
122	MP3B	Z	.394	.394	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[in,%]	End Location[in,%]
1	M1	X	-.161	-.161	0	%100
2	M1	Z	.093	.093	0	%100
3	M4	X	-.49	-.49	0	%100
4	M4	Z	.283	.283	0	%100
5	M10	X	-.138	-.138	0	%100
6	M10	Z	.08	.08	0	%100
7	MP2A	X	-.422	-.422	0	%100
8	MP2A	Z	.244	.244	0	%100
9	MP1A	X	-.422	-.422	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[in,%]	End Location[in,%]
10	MP1A	Z	.244	.244	0	%100
11	M43	X	-.138	-.138	0	%100
12	M43	Z	.08	.08	0	%100
13	M46	X	-.276	-.276	0	%100
14	M46	Z	.159	.159	0	%100
15	M51B	X	-.612	-.612	0	%100
16	M51B	Z	.354	.354	0	%100
17	M52B	X	-.153	-.153	0	%100
18	M52B	Z	.088	.088	0	%100
19	M76	X	-.827	-.827	0	%100
20	M76	Z	.478	.478	0	%100
21	M77	X	-1.123	-1.123	0	%100
22	M77	Z	.648	.648	0	%100
23	M80	X	-1.183	-1.183	0	%100
24	M80	Z	.683	.683	0	%100
25	M84	X	-.827	-.827	0	%100
26	M84	Z	.478	.478	0	%100
27	M85	X	-.281	-.281	0	%100
28	M85	Z	.162	.162	0	%100
29	M91	X	-.296	-.296	0	%100
30	M91	Z	.171	.171	0	%100
31	M52A	X	0	0	0	%100
32	M52A	Z	0	0	0	%100
33	M53	X	-.553	-.553	0	%100
34	M53	Z	.319	.319	0	%100
35	M54	X	-.553	-.553	0	%100
36	M54	Z	.319	.319	0	%100
37	M55	X	-1.103	-1.103	0	%100
38	M55	Z	.637	.637	0	%100
39	M58A	X	-.153	-.153	0	%100
40	M58A	Z	.088	.088	0	%100
41	M59A	X	-.153	-.153	0	%100
42	M59A	Z	.088	.088	0	%100
43	M63	X	0	0	0	%100
44	M63	Z	0	0	0	%100
45	M64	X	-.281	-.281	0	%100
46	M64	Z	.162	.162	0	%100
47	M66	X	-.296	-.296	0	%100
48	M66	Z	.171	.171	0	%100
49	M68	X	0	0	0	%100
50	M68	Z	0	0	0	%100
51	M69	X	-.281	-.281	0	%100
52	M69	Z	.162	.162	0	%100
53	M71	X	-.296	-.296	0	%100
54	M71	Z	.171	.171	0	%100
55	M76A	X	-.49	-.49	0	%100
56	M76A	Z	.283	.283	0	%100
57	M77A	X	-.138	-.138	0	%100
58	M77A	Z	.08	.08	0	%100
59	M78	X	-.138	-.138	0	%100
60	M78	Z	.08	.08	0	%100
61	M79A	X	-.276	-.276	0	%100
62	M79A	Z	.159	.159	0	%100
63	M82	X	-.153	-.153	0	%100
64	M82	Z	.088	.088	0	%100
65	M83A	X	-.612	-.612	0	%100
66	M83A	Z	.354	.354	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[in,%]	End Location[in,%]
67	M87	X	-.827	-.827	0	%100
68	M87	Z	.478	.478	0	%100
69	M88A	X	-.281	-.281	0	%100
70	M88A	Z	.162	.162	0	%100
71	M90	X	-.296	-.296	0	%100
72	M90	Z	.171	.171	0	%100
73	M92A	X	-.827	-.827	0	%100
74	M92A	Z	.478	.478	0	%100
75	M93	X	-1.123	-1.123	0	%100
76	M93	Z	.648	.648	0	%100
77	M95	X	-1.183	-1.183	0	%100
78	M95	Z	.683	.683	0	%100
79	M84B	X	-.109	-.109	0	%100
80	M84B	Z	.063	.063	0	%100
81	M129	X	-.508	-.508	0	%100
82	M129	Z	.293	.293	0	%100
83	M130	X	-.508	-.508	0	%100
84	M130	Z	.293	.293	0	%100
85	M131	X	-.194	-.194	0	%100
86	M131	Z	.112	.112	0	%100
87	M132	X	-.515	-.515	0	%100
88	M132	Z	.298	.298	0	%100
89	M133	X	-.129	-.129	0	%100
90	M133	Z	.074	.074	0	%100
91	M134A	X	-.129	-.129	0	%100
92	M134A	Z	.074	.074	0	%100
93	M134	X	-.346	-.346	0	%100
94	M134	Z	.2	.2	0	%100
95	MP4A	X	-.422	-.422	0	%100
96	MP4A	Z	.244	.244	0	%100
97	MP3A	X	-.422	-.422	0	%100
98	MP3A	Z	.244	.244	0	%100
99	M95A	X	-.643	-.643	0	%100
100	M95A	Z	.371	.371	0	%100
101	MP2C	X	-.422	-.422	0	%100
102	MP2C	Z	.244	.244	0	%100
103	MP1C	X	-.422	-.422	0	%100
104	MP1C	Z	.244	.244	0	%100
105	M102	X	-.437	-.437	0	%100
106	M102	Z	.252	.252	0	%100
107	MP4C	X	-.422	-.422	0	%100
108	MP4C	Z	.244	.244	0	%100
109	MP3C	X	-.422	-.422	0	%100
110	MP3C	Z	.244	.244	0	%100
111	M109	X	-.161	-.161	0	%100
112	M109	Z	.093	.093	0	%100
113	MP2B	X	-.422	-.422	0	%100
114	MP2B	Z	.244	.244	0	%100
115	MP1B	X	-.422	-.422	0	%100
116	MP1B	Z	.244	.244	0	%100
117	M116	X	-.109	-.109	0	%100
118	M116	Z	.063	.063	0	%100
119	MP4B	X	-.422	-.422	0	%100
120	MP4B	Z	.244	.244	0	%100
121	MP3B	X	-.422	-.422	0	%100
122	MP3B	Z	.244	.244	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[in,%]	End Location[in,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	-.754	-.754	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	MP2A	X	-.504	-.504	0	%100
8	MP2A	Z	0	0	0	%100
9	MP1A	X	-.504	-.504	0	%100
10	MP1A	Z	0	0	0	%100
11	M43	X	0	0	0	%100
12	M43	Z	0	0	0	%100
13	M46	X	0	0	0	%100
14	M46	Z	0	0	0	%100
15	M51B	X	-.53	-.53	0	%100
16	M51B	Z	0	0	0	%100
17	M52B	X	-.53	-.53	0	%100
18	M52B	Z	0	0	0	%100
19	M76	X	-1.273	-1.273	0	%100
20	M76	Z	0	0	0	%100
21	M77	X	-.973	-.973	0	%100
22	M77	Z	0	0	0	%100
23	M80	X	-1.025	-1.025	0	%100
24	M80	Z	0	0	0	%100
25	M84	X	-1.273	-1.273	0	%100
26	M84	Z	0	0	0	%100
27	M85	X	-.973	-.973	0	%100
28	M85	Z	0	0	0	%100
29	M91	X	-1.025	-1.025	0	%100
30	M91	Z	0	0	0	%100
31	M52A	X	-.189	-.189	0	%100
32	M52A	Z	0	0	0	%100
33	M53	X	-.479	-.479	0	%100
34	M53	Z	0	0	0	%100
35	M54	X	-.479	-.479	0	%100
36	M54	Z	0	0	0	%100
37	M55	X	-.955	-.955	0	%100
38	M55	Z	0	0	0	%100
39	M58A	X	-.53	-.53	0	%100
40	M58A	Z	0	0	0	%100
41	M59A	X	0	0	0	%100
42	M59A	Z	0	0	0	%100
43	M63	X	-.318	-.318	0	%100
44	M63	Z	0	0	0	%100
45	M64	X	-.973	-.973	0	%100
46	M64	Z	0	0	0	%100
47	M66	X	-1.025	-1.025	0	%100
48	M66	Z	0	0	0	%100
49	M68	X	-.318	-.318	0	%100
50	M68	Z	0	0	0	%100
51	M69	X	0	0	0	%100
52	M69	Z	0	0	0	%100
53	M71	X	0	0	0	%100
54	M71	Z	0	0	0	%100
55	M76A	X	-.189	-.189	0	%100
56	M76A	Z	0	0	0	%100
57	M77A	X	-.479	-.479	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[in,%]	End Location[in,%]
58	M77A	Z	0	0	0	%100
59	M78	X	-.479	-.479	0	%100
60	M78	Z	0	0	0	%100
61	M79A	X	-.955	-.955	0	%100
62	M79A	Z	0	0	0	%100
63	M82	X	0	0	0	%100
64	M82	Z	0	0	0	%100
65	M83A	X	-.53	-.53	0	%100
66	M83A	Z	0	0	0	%100
67	M87	X	-.318	-.318	0	%100
68	M87	Z	0	0	0	%100
69	M88A	X	0	0	0	%100
70	M88A	Z	0	0	0	%100
71	M90	X	0	0	0	%100
72	M90	Z	0	0	0	%100
73	M92A	X	-.318	-.318	0	%100
74	M92A	Z	0	0	0	%100
75	M93	X	-.973	-.973	0	%100
76	M93	Z	0	0	0	%100
77	M95	X	-1.025	-1.025	0	%100
78	M95	Z	0	0	0	%100
79	M84B	X	0	0	0	%100
80	M84B	Z	0	0	0	%100
81	M129	X	-.345	-.345	0	%100
82	M129	Z	0	0	0	%100
83	M130	X	-.707	-.707	0	%100
84	M130	Z	0	0	0	%100
85	M131	X	-.345	-.345	0	%100
86	M131	Z	0	0	0	%100
87	M132	X	-.446	-.446	0	%100
88	M132	Z	0	0	0	%100
89	M133	X	0	0	0	%100
90	M133	Z	0	0	0	%100
91	M134A	X	-.446	-.446	0	%100
92	M134A	Z	0	0	0	%100
93	M134	X	-.408	-.408	0	%100
94	M134	Z	0	0	0	%100
95	MP4A	X	-.504	-.504	0	%100
96	MP4A	Z	0	0	0	%100
97	MP3A	X	-.504	-.504	0	%100
98	MP3A	Z	0	0	0	%100
99	M95A	X	-.557	-.557	0	%100
100	M95A	Z	0	0	0	%100
101	MP2C	X	-.504	-.504	0	%100
102	MP2C	Z	0	0	0	%100
103	MP1C	X	-.504	-.504	0	%100
104	MP1C	Z	0	0	0	%100
105	M102	X	-.378	-.378	0	%100
106	M102	Z	0	0	0	%100
107	MP4C	X	-.504	-.504	0	%100
108	MP4C	Z	0	0	0	%100
109	MP3C	X	-.504	-.504	0	%100
110	MP3C	Z	0	0	0	%100
111	M109	X	-.557	-.557	0	%100
112	M109	Z	0	0	0	%100
113	MP2B	X	-.504	-.504	0	%100
114	MP2B	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
115	MP1B	X	-.504	-.504	0	%100
116	MP1B	Z	0	0	0	%100
117	M116	X	-.378	-.378	0	%100
118	M116	Z	0	0	0	%100
119	MP4B	X	-.504	-.504	0	%100
120	MP4B	Z	0	0	0	%100
121	MP3B	X	-.504	-.504	0	%100
122	MP3B	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[in,%]	End Location[in,%]
1	M1	X	-.161	-.161	0	%100
2	M1	Z	-.093	-.093	0	%100
3	M4	X	-.49	-.49	0	%100
4	M4	Z	-.283	-.283	0	%100
5	M10	X	-.138	-.138	0	%100
6	M10	Z	-.08	-.08	0	%100
7	MP2A	X	-.422	-.422	0	%100
8	MP2A	Z	-.244	-.244	0	%100
9	MP1A	X	-.422	-.422	0	%100
10	MP1A	Z	-.244	-.244	0	%100
11	M43	X	-.138	-.138	0	%100
12	M43	Z	-.08	-.08	0	%100
13	M46	X	-.276	-.276	0	%100
14	M46	Z	-.159	-.159	0	%100
15	M51B	X	-.153	-.153	0	%100
16	M51B	Z	-.088	-.088	0	%100
17	M52B	X	-.612	-.612	0	%100
18	M52B	Z	-.354	-.354	0	%100
19	M76	X	-.827	-.827	0	%100
20	M76	Z	-.478	-.478	0	%100
21	M77	X	-.281	-.281	0	%100
22	M77	Z	-.162	-.162	0	%100
23	M80	X	-.296	-.296	0	%100
24	M80	Z	-.171	-.171	0	%100
25	M84	X	-.827	-.827	0	%100
26	M84	Z	-.478	-.478	0	%100
27	M85	X	-1.123	-1.123	0	%100
28	M85	Z	-.648	-.648	0	%100
29	M91	X	-1.183	-1.183	0	%100
30	M91	Z	-.683	-.683	0	%100
31	M52A	X	-.49	-.49	0	%100
32	M52A	Z	-.283	-.283	0	%100
33	M53	X	-.138	-.138	0	%100
34	M53	Z	-.08	-.08	0	%100
35	M54	X	-.138	-.138	0	%100
36	M54	Z	-.08	-.08	0	%100
37	M55	X	-.276	-.276	0	%100
38	M55	Z	-.159	-.159	0	%100
39	M58A	X	-.612	-.612	0	%100
40	M58A	Z	-.354	-.354	0	%100
41	M59A	X	-.153	-.153	0	%100
42	M59A	Z	-.088	-.088	0	%100
43	M63	X	-.827	-.827	0	%100
44	M63	Z	-.478	-.478	0	%100
45	M64	X	-1.123	-1.123	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[in,%]	End Location[in,%]
46	M64	Z	-.648	-.648	0	%100
47	M66	X	-1.183	-1.183	0	%100
48	M66	Z	-.683	-.683	0	%100
49	M68	X	-.827	-.827	0	%100
50	M68	Z	-.478	-.478	0	%100
51	M69	X	-.281	-.281	0	%100
52	M69	Z	-.162	-.162	0	%100
53	M71	X	-.296	-.296	0	%100
54	M71	Z	-.171	-.171	0	%100
55	M76A	X	0	0	0	%100
56	M76A	Z	0	0	0	%100
57	M77A	X	-.553	-.553	0	%100
58	M77A	Z	-.319	-.319	0	%100
59	M78	X	-.553	-.553	0	%100
60	M78	Z	-.319	-.319	0	%100
61	M79A	X	-1.103	-1.103	0	%100
62	M79A	Z	-.637	-.637	0	%100
63	M82	X	-.153	-.153	0	%100
64	M82	Z	-.088	-.088	0	%100
65	M83A	X	-.153	-.153	0	%100
66	M83A	Z	-.088	-.088	0	%100
67	M87	X	0	0	0	%100
68	M87	Z	0	0	0	%100
69	M88A	X	-.281	-.281	0	%100
70	M88A	Z	-.162	-.162	0	%100
71	M90	X	-.296	-.296	0	%100
72	M90	Z	-.171	-.171	0	%100
73	M92A	X	0	0	0	%100
74	M92A	Z	0	0	0	%100
75	M93	X	-.281	-.281	0	%100
76	M93	Z	-.162	-.162	0	%100
77	M95	X	-.296	-.296	0	%100
78	M95	Z	-.171	-.171	0	%100
79	M84B	X	-.109	-.109	0	%100
80	M84B	Z	-.063	-.063	0	%100
81	M129	X	-.194	-.194	0	%100
82	M129	Z	-.112	-.112	0	%100
83	M130	X	-.508	-.508	0	%100
84	M130	Z	-.293	-.293	0	%100
85	M131	X	-.508	-.508	0	%100
86	M131	Z	-.293	-.293	0	%100
87	M132	X	-.129	-.129	0	%100
88	M132	Z	-.074	-.074	0	%100
89	M133	X	-.129	-.129	0	%100
90	M133	Z	-.074	-.074	0	%100
91	M134A	X	-.515	-.515	0	%100
92	M134A	Z	-.298	-.298	0	%100
93	M134	X	-.346	-.346	0	%100
94	M134	Z	-.2	-.2	0	%100
95	MP4A	X	-.422	-.422	0	%100
96	MP4A	Z	-.244	-.244	0	%100
97	MP3A	X	-.422	-.422	0	%100
98	MP3A	Z	-.244	-.244	0	%100
99	M95A	X	-.161	-.161	0	%100
100	M95A	Z	-.093	-.093	0	%100
101	MP2C	X	-.422	-.422	0	%100
102	MP2C	Z	-.244	-.244	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[in,%]	End Location[in,%]
103	MP1C	X	-.422	-.422	0	%100
104	MP1C	Z	-.244	-.244	0	%100
105	M102	X	-.109	-.109	0	%100
106	M102	Z	-.063	-.063	0	%100
107	MP4C	X	-.422	-.422	0	%100
108	MP4C	Z	-.244	-.244	0	%100
109	MP3C	X	-.422	-.422	0	%100
110	MP3C	Z	-.244	-.244	0	%100
111	M109	X	-.643	-.643	0	%100
112	M109	Z	-.371	-.371	0	%100
113	MP2B	X	-.422	-.422	0	%100
114	MP2B	Z	-.244	-.244	0	%100
115	MP1B	X	-.422	-.422	0	%100
116	MP1B	Z	-.244	-.244	0	%100
117	M116	X	-.437	-.437	0	%100
118	M116	Z	-.252	-.252	0	%100
119	MP4B	X	-.422	-.422	0	%100
120	MP4B	Z	-.244	-.244	0	%100
121	MP3B	X	-.422	-.422	0	%100
122	MP3B	Z	-.244	-.244	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[in,%]	End Location[in,%]
1	M1	X	-.279	-.279	0	%100
2	M1	Z	-.482	-.482	0	%100
3	M4	X	-.094	-.094	0	%100
4	M4	Z	-.163	-.163	0	%100
5	M10	X	-.239	-.239	0	%100
6	M10	Z	-.415	-.415	0	%100
7	MP2A	X	-.228	-.228	0	%100
8	MP2A	Z	-.394	-.394	0	%100
9	MP1A	X	-.228	-.228	0	%100
10	MP1A	Z	-.394	-.394	0	%100
11	M43	X	-.239	-.239	0	%100
12	M43	Z	-.415	-.415	0	%100
13	M46	X	-.478	-.478	0	%100
14	M46	Z	-.827	-.827	0	%100
15	M51B	X	0	0	0	%100
16	M51B	Z	0	0	0	%100
17	M52B	X	-.265	-.265	0	%100
18	M52B	Z	-.459	-.459	0	%100
19	M76	X	-.159	-.159	0	%100
20	M76	Z	-.276	-.276	0	%100
21	M77	X	0	0	0	%100
22	M77	Z	0	0	0	%100
23	M80	X	0	0	0	%100
24	M80	Z	0	0	0	%100
25	M84	X	-.159	-.159	0	%100
26	M84	Z	-.276	-.276	0	%100
27	M85	X	-.486	-.486	0	%100
28	M85	Z	-.842	-.842	0	%100
29	M91	X	-.512	-.512	0	%100
30	M91	Z	-.887	-.887	0	%100
31	M52A	X	-.377	-.377	0	%100
32	M52A	Z	-.653	-.653	0	%100
33	M53	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
34	M53	Z	0	0	0	%100
35	M54	X	0	0	0	%100
36	M54	Z	0	0	0	%100
37	M55	X	0	0	0	%100
38	M55	Z	0	0	0	%100
39	M58A	X	-.265	-.265	0	%100
40	M58A	Z	-.459	-.459	0	%100
41	M59A	X	-.265	-.265	0	%100
42	M59A	Z	-.459	-.459	0	%100
43	M63	X	-.637	-.637	0	%100
44	M63	Z	-1.103	-1.103	0	%100
45	M64	X	-.486	-.486	0	%100
46	M64	Z	-.842	-.842	0	%100
47	M66	X	-.512	-.512	0	%100
48	M66	Z	-.887	-.887	0	%100
49	M68	X	-.637	-.637	0	%100
50	M68	Z	-1.103	-1.103	0	%100
51	M69	X	-.486	-.486	0	%100
52	M69	Z	-.842	-.842	0	%100
53	M71	X	-.512	-.512	0	%100
54	M71	Z	-.887	-.887	0	%100
55	M76A	X	-.094	-.094	0	%100
56	M76A	Z	-.163	-.163	0	%100
57	M77A	X	-.239	-.239	0	%100
58	M77A	Z	-.415	-.415	0	%100
59	M78	X	-.239	-.239	0	%100
60	M78	Z	-.415	-.415	0	%100
61	M79A	X	-.478	-.478	0	%100
62	M79A	Z	-.827	-.827	0	%100
63	M82	X	-.265	-.265	0	%100
64	M82	Z	-.459	-.459	0	%100
65	M83A	X	0	0	0	%100
66	M83A	Z	0	0	0	%100
67	M87	X	-.159	-.159	0	%100
68	M87	Z	-.276	-.276	0	%100
69	M88A	X	-.486	-.486	0	%100
70	M88A	Z	-.842	-.842	0	%100
71	M90	X	-.512	-.512	0	%100
72	M90	Z	-.887	-.887	0	%100
73	M92A	X	-.159	-.159	0	%100
74	M92A	Z	-.276	-.276	0	%100
75	M93	X	0	0	0	%100
76	M93	Z	0	0	0	%100
77	M95	X	0	0	0	%100
78	M95	Z	0	0	0	%100
79	M84B	X	-.189	-.189	0	%100
80	M84B	Z	-.327	-.327	0	%100
81	M129	X	-.172	-.172	0	%100
82	M129	Z	-.299	-.299	0	%100
83	M130	X	-.172	-.172	0	%100
84	M130	Z	-.299	-.299	0	%100
85	M131	X	-.354	-.354	0	%100
86	M131	Z	-.613	-.613	0	%100
87	M132	X	0	0	0	%100
88	M132	Z	0	0	0	%100
89	M133	X	-.223	-.223	0	%100
90	M133	Z	-.386	-.386	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[in,%]	End Location[in,%]
91	M134A	X	-.223	-.223	0	%100
92	M134A	Z	-.386	-.386	0	%100
93	M134	X	-.191	-.191	0	%100
94	M134	Z	-.331	-.331	0	%100
95	MP4A	X	-.228	-.228	0	%100
96	MP4A	Z	-.394	-.394	0	%100
97	MP3A	X	-.228	-.228	0	%100
98	MP3A	Z	-.394	-.394	0	%100
99	M95A	X	0	0	0	%100
100	M95A	Z	0	0	0	%100
101	MP2C	X	-.228	-.228	0	%100
102	MP2C	Z	-.394	-.394	0	%100
103	MP1C	X	-.228	-.228	0	%100
104	MP1C	Z	-.394	-.394	0	%100
105	M102	X	0	0	0	%100
106	M102	Z	0	0	0	%100
107	MP4C	X	-.228	-.228	0	%100
108	MP4C	Z	-.394	-.394	0	%100
109	MP3C	X	-.228	-.228	0	%100
110	MP3C	Z	-.394	-.394	0	%100
111	M109	X	-.279	-.279	0	%100
112	M109	Z	-.482	-.482	0	%100
113	MP2B	X	-.228	-.228	0	%100
114	MP2B	Z	-.394	-.394	0	%100
115	MP1B	X	-.228	-.228	0	%100
116	MP1B	Z	-.394	-.394	0	%100
117	M116	X	-.189	-.189	0	%100
118	M116	Z	-.327	-.327	0	%100
119	MP4B	X	-.228	-.228	0	%100
120	MP4B	Z	-.394	-.394	0	%100
121	MP3B	X	-.228	-.228	0	%100
122	MP3B	Z	-.394	-.394	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[in,%]	End Location[in,%]
1	M58A	Y	-1.661	-4.228	0	9.988
2	M58A	Y	-4.228	-6.902	9.988	19.976
3	M58A	Y	-6.902	-8.189	19.976	29.964
4	M58A	Y	-8.189	-6.545	29.964	39.953
5	M58A	Y	-6.545	-3.463	39.953	49.941
6	M59A	Y	-3.462	-6.573	0	9.988
7	M59A	Y	-6.573	-8.26	9.988	19.976
8	M59A	Y	-8.26	-7.044	19.976	29.964
9	M59A	Y	-7.044	-4.426	29.964	39.953
10	M59A	Y	-4.426	-1.884	39.953	49.941
11	M51B	Y	-1.879	-4.428	0	9.988
12	M51B	Y	-4.428	-7.042	9.988	19.976
13	M51B	Y	-7.042	-8.256	19.976	29.964
14	M51B	Y	-8.256	-6.578	29.964	39.953
15	M51B	Y	-6.578	-3.47	39.953	49.941
16	M52B	Y	-3.463	-6.545	0	9.988
17	M52B	Y	-6.545	-8.189	9.988	19.976
18	M52B	Y	-8.189	-6.9	19.976	29.964
19	M52B	Y	-6.9	-4.227	29.964	39.953
20	M52B	Y	-4.227	-1.665	39.953	49.941
21	M82	Y	-1.879	-4.428	0	9.988

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[in,%]	End Location[in,%]
22	M82	Y	-4.428	-7.042	9.988	19.976
23	M82	Y	-7.042	-8.256	19.976	29.964
24	M82	Y	-8.256	-6.578	29.964	39.953
25	M82	Y	-6.578	-3.47	39.953	49.941
26	M83A	Y	-3.463	-6.545	0	9.988
27	M83A	Y	-6.545	-8.189	9.988	19.976
28	M83A	Y	-8.189	-6.9	19.976	29.964
29	M83A	Y	-6.9	-4.227	29.964	39.953
30	M83A	Y	-4.227	-1.665	39.953	49.941

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
1	M58A	Y	-3.214	-8.179	0	9.988
2	M58A	Y	-8.179	-13.351	9.988	19.976
3	M58A	Y	-13.351	-15.84	19.976	29.964
4	M58A	Y	-15.84	-12.66	29.964	39.953
5	M58A	Y	-12.66	-6.699	39.953	49.941
6	M59A	Y	-6.696	-12.715	0	9.988
7	M59A	Y	-12.715	-15.979	9.988	19.976
8	M59A	Y	-15.979	-13.627	19.976	29.964
9	M59A	Y	-13.627	-8.562	29.964	39.953
10	M59A	Y	-8.562	-3.645	39.953	49.941
11	M51B	Y	-3.635	-8.566	0	9.988
12	M51B	Y	-8.566	-13.622	9.988	19.976
13	M51B	Y	-13.622	-15.971	19.976	29.964
14	M51B	Y	-15.971	-12.724	29.964	39.953
15	M51B	Y	-12.724	-6.712	39.953	49.941
16	M52B	Y	-6.698	-12.66	0	9.988
17	M52B	Y	-12.66	-15.84	9.988	19.976
18	M52B	Y	-15.84	-13.347	19.976	29.964
19	M52B	Y	-13.347	-8.176	29.964	39.953
20	M52B	Y	-8.176	-3.222	39.953	49.941
21	M82	Y	-3.635	-8.566	0	9.988
22	M82	Y	-8.566	-13.622	9.988	19.976
23	M82	Y	-13.622	-15.971	19.976	29.964
24	M82	Y	-15.971	-12.724	29.964	39.953
25	M82	Y	-12.724	-6.712	39.953	49.941
26	M83A	Y	-6.698	-12.66	0	9.988
27	M83A	Y	-12.66	-15.84	9.988	19.976
28	M83A	Y	-15.84	-13.347	19.976	29.964
29	M83A	Y	-13.347	-8.176	29.964	39.953
30	M83A	Y	-8.176	-3.222	39.953	49.941

Member Area Loads (BLC 39 : Structure D)

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

Member Area Loads (BLC 40 : Structure Di)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N113	N111	N89	N90	Y	Two Way	-.01
2	N7	N87B	N87C	N6	Y	Two Way	-.01
3	N118	N141	N139	N117	Y	Two Way	-.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	N3	max	2376.283	10	989.278	22	1324.274	11	-.055	7	.859	9	.908	21
2		min	-3841.805	4	32.524	4	-2178.662	5	-.58	13	-.871	3	-.047	3
3	N87D	max	548.617	11	817.888	18	3996.76	1	.891	18	.58	5	.617	9
4		min	-556.001	5	138.323	12	-2291.67	7	.148	12	-.593	11	-.603	27
5	N115	max	3738.606	9	842.819	15	1347.791	2	.123	44	.948	1	.071	9
6		min	-2138.104	3	18.457	9	-2252.136	8	-.471	14	-.952	7	-.933	39
7	N190A	max	1996.32	5	1601.066	5	1152.927	5	0	9	0	9	0	9
8		min	-410.339	11	-320.003	11	-236.824	11	0	3	0	3	0	3
9	N191A	max	17.931	11	1507.115	13	306.893	7	0	51	0	4	0	10
10		min	-18.279	5	-206.32	7	-2162.661	13	0	1	0	10	0	4
11	N192	max	412.704	3	1701.639	9	1225.903	9	0	47	0	5	0	5
12		min	-2124.8	9	-321.953	3	-238.457	3	0	5	0	47	0	47
13	Totals:	max	3903.004	10	6379.555	22	3664.908	1						
14		min	-3903.006	4	3165.467	4	-3664.915	7						

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

	Member	Shape	Code Check	Loc[in]	LC	Shear C...	Lo...	Dir	LC	phi*Pn...	phi*...	phi*...	phi*...	...	Eqn
1	M1	PIPE_3.0	.106	81.521	2	.101	59...		9	28093....	65205	5.749	5.749	...	H1-...
2	M4	HSS4X4X4	.106	0	9	.060	46...	y	3	124657...	1395..	16.181	16.181	...	H1-...
3	M10	HSS4X4X4	.101	28.5	19	.032	28.5	y	23	136263...	1395..	16.181	16.181	...	H1-...
4	MP2A	PIPE_2.0	.335	66.344	8	.163	33...		10	14797....	32130	1.872	1.872	...	H1-...
5	MP1A	PIPE_2.0	.356	66.344	9	.201	23...		11	14797....	32130	1.872	1.872	...	H1-...
6	M43	HSS4X4X4	.108	0	17	.034	0	y	20	136263...	1395..	16.181	16.181	...	H1-...
7	M46	PL1/2x6	.167	6.187	4	.111	6....	y	3	66009....	97200	1.012	12.15	...	H1-...
8	M51B	L2x2x3	.114	49.941	5	.011	0	y	21	9823.1...	2339..	.558	1.077	...	H2-1
9	M52B	L2x2x3	.136	49.941	4	.011	49...	y	14	9823.1...	2339..	.558	1.084	...	H2-1
10	M76	PL3/8x6	.219	0	9	.154	0	y	9	70647....	72900	.57	9.113	...	H1-...
11	M77	PL3/8x6	.187	2	11	.190	0	y	21	71583....	72900	.57	9.113	...	H1-...
12	M80	PL1/2x6	.055	1.344	10	.187	0	y	3	96757....	97200	1.012	12.15	...	H1-...
13	M84	PL3/8x6	.157	0	3	.140	0	y	24	70647....	72900	.57	9.113	...	H1-...
14	M85	PL3/8x6	.195	2	11	.204	0	y	19	71583....	72900	.57	9.113	...	H1-...
15	M91	PL1/2x6	.054	1.344	5	.114	0	y	7	96757....	97200	1.012	12.15	...	H1-...
16	M52A	HSS4X4X4	.092	46.039	1	.059	0	y	27	124657...	1395..	16.181	16.181	...	H1-...
17	M53	HSS4X4X4	.103	28.5	15	.034	28.5	y	20	136263...	1395..	16.181	16.181	...	H1-...
18	M54	HSS4X4X4	.109	0	13	.042	0	y	27	136263...	1395..	16.181	16.181	...	H1-...
19	M55	PL1/2x6	.135	6.188	1	.107	6....	y	11	66009....	97200	1.012	12.15	...	H1-...
20	M58A	L2x2x3	.104	0	1	.011	0	y	17	9823.1...	2339..	.558	1.078	...	H2-1
21	M59A	L2x2x3	.131	49.941	12	.011	49...	y	22	9823.1...	2339..	.558	1.084	...	H2-1
22	M63	PL3/8x6	.204	0	5	.119	0	y	29	70647....	72900	.57	9.113	...	H1-...
23	M64	PL3/8x6	.159	2	7	.193	0	y	17	71583....	72900	.57	9.113	...	H1-...
24	M66	PL1/2x6	.045	1.344	6	.167	0	y	11	96757....	97200	1.012	12.15	...	H1-...
25	M68	PL3/8x6	.152	0	8	.167	0	y	9	70647....	72900	.57	9.113	...	H1-...
26	M69	PL3/8x6	.206	2	7	.210	0	y	26	71583....	72900	.57	9.113	...	H1-...
27	M71	PL1/2x6	.050	1.344	1	.139	0	y	3	96757....	97200	1.012	12.15	...	H1-...
28	M76A	HSS4X4X4	.104	46.039	9	.060	0	y	39	124657...	1395..	16.181	16.181	...	H1-...
29	M77A	HSS4X4X4	.103	28.5	23	.035	28.5	y	15	136263...	1395..	16.181	16.181	...	H1-...
30	M78	HSS4X4X4	.111	0	21	.035	0	y	22	136263...	1395..	16.181	16.181	...	H1-...
31	M79A	PL1/2x6	.146	6.188	10	.076	6....	y	21	66009....	97200	1.012	12.15	...	H1-...
32	M82	L2x2x3	.101	0	9	.011	0	y	16	9823.1...	2339..	.558	1.077	...	H2-1
33	M83A	L2x2x3	.117	49.941	9	.010	49...	y	14	9823.1...	2339..	.558	1.081	...	H2-1
34	M87	PL3/8x6	.251	0	1	.123	0	y	4	70647....	72900	.57	9.113	...	H1-...
35	M88A	PL3/8x6	.163	2	3	.212	0	y	38	71583....	72900	.57	9.113	...	H1-...
36	M90	PL1/2x6	.060	1.344	8	.122	0	y	10	96757....	97200	1.012	12.15	...	H1-...
37	M92A	PL3/8x6	.175	0	6	.164	0	y	2	70647....	72900	.57	9.113	...	H1-...

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

	Member	Shape	Code Check	Loc[in]	LC	Shear C...	Lo...	Dir	LC	phi*Pn...	phi*...	phi*...	phi*...	...	Eqn
38	M93	PL3/8x6	.198	2	3	.207	0	y	23	71583....	72900	.57	9.113	...	H1-...
39	M95	PL1/2x6	.065	1.344	9	.102	0	y	9	96757....	97200	1.012	12.15	...	H1-...
40	M84B	PIPE_2.0	.298	128.552	3	.195	10...		8	6253.6...	32130	1.872	1.872	...	H1-...
41	M129	LL2.5x2.5x3x6	.070	0	9	.002	55...	y	47	43163....	58320	4.643	2.55	1	H1-...
42	M130	LL2.5x2.5x3x6	.065	0	5	.004	55...	y	3	43163....	58320	4.643	2.55	1	H1-...
43	M131	LL2.5x2.5x3x6	.061	0	1	.004	55...	y	10	43163....	58320	4.643	2.55	1	H1-...
44	M132	L2.5x2.5x4	.327	0	9	.157	14...	y	10	36774....	38556	1.114	2.537	...	H2-1
45	M133	L2.5x2.5x4	.343	14.45	4	.148	0	y	9	36774....	38556	1.114	2.537	...	H2-1
46	M134A	L2.5x2.5x4	.182	0	8	.129	14...	z	6	36774....	38556	1.114	2.537	...	H2-1
47	M134	PIPE_2.0	.131	28.802	7	.078	28...		4	29014....	32130	1.872	1.872	...	H1-...
48	MP4A	PIPE_2.0	.322	60.312	2	.147	18...		12	14797....	32130	1.872	1.872	...	H1-...
49	MP3A	PIPE_2.0	.388	66.344	8	.136	26...		9	14797....	32130	1.872	1.872	...	H1-...
50	M95A	PIPE_3.0	.129	81.521	10	.125	90...		9	28093....	65205	5.749	5.749	...	H1-...
51	MP2C	PIPE_2.0	.355	66.344	4	.116	32...		5	14797....	32130	1.872	1.872	...	H1-...
52	MP1C	PIPE_2.0	.305	66.344	4	.111	23...		6	14797....	32130	1.872	1.872	...	H1-...
53	M102	PIPE_2.0	.319	20.38	4	.181	13...		10	6253.6...	32130	1.872	1.872	...	H1-...
54	MP4C	PIPE_2.0	.430	60.312	9	.217	18...		8	14797....	32130	1.872	1.872	...	H1-...
55	MP3C	PIPE_2.0	.430	66.344	10	.170	66...		11	14797....	32130	1.872	1.872	...	H1-...
56	M109	PIPE_3.0	.099	81.521	6	.108	90...		4	28093....	65205	5.749	5.749	...	H1-...
57	MP2B	PIPE_2.0	.297	66.344	12	.117	32...		2	14797....	32130	1.872	1.872	...	H1-...
58	MP1B	PIPE_2.0	.262	66.344	12	.164	23...		3	14797....	32130	1.872	1.872	...	H1-...
59	M116	PIPE_2.0	.259	20.38	11	.150	12...		5	6253.6...	32130	1.872	1.872	...	H1-...
60	MP4B	PIPE_2.0	.324	60.312	5	.195	18...		4	14797....	32130	1.872	1.872	...	H1-...
61	MP3B	PIPE_2.0	.352	66.344	11	.130	66...		9	14797....	32130	1.872	1.872	...	H1-...

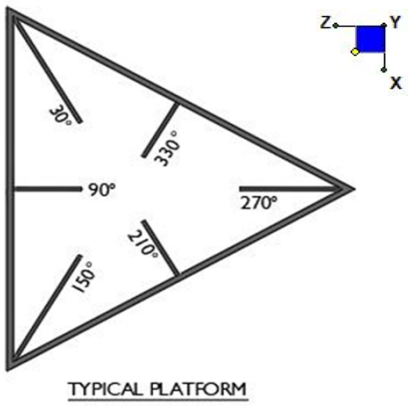
Client:	Verizon Wireless	Date:	11/10/2020
Site Name:	Trumbull South CT		
Project No.	20777339A		
Title:	Antenna Mount Analysis	Page:	1

Version 3.1

I. Mount-to-Tower Connection Check

RISA Model Data

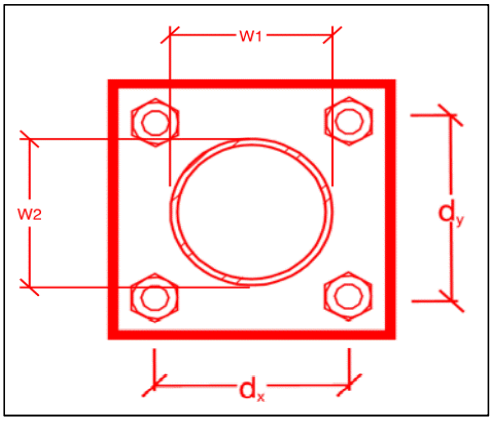
Nodes *(labeled per RISA)*	Orientation *(per graphic of typical platform)*
N3	270
N115	150
N87D	30



TYPICAL PLATFORM

Tower Connection Bolt Checks

Any moment resistance?:	yes
Bolt Quantity per Reaction:	4
d_x (in) *(Delta X of typ. bolt config. sketch)* :	7
d_y (in) *(Delta Y of typ. bolt config. sketch)* :	7
Bolt Type:	A307
Bolt Diameter (in):	0.625
Required Tensile Strength (kips):	4.0
Required Shear Strength (kips):	5.2
Tensile Strength / bolt (kips):	10.0
Shear Strength / bolt (kips):	6.0
Tensile Capacity Overall:	**10.1%***
Shear Capacity Overall:	**21.6%**



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

Tower Connection Plate and Weld Check

Connecting Standoff Member Shape:	Rect
Plate Width (in):	8
Plate Height (in):	8
W1 (in):	4
W2 (in):	4
Fy (ksi, plate):	36
t_{Plate} (in):	0.75
Weld Size (1/16 in):	5
Phi*Rn (kip/in):	6.96
Required Weld Strength (kip/in):	0.66
Plate Bending Capacity:	**10.3%**
Weld Capacity:	**9.4%**

Max Plate Bending Strengths

Mu_{xx} *(kip-in)* :	1.1
Phi*Mn_{xx} *(kip-in)* :	36.5
Mu_{yy} *(kip-in)* :	2.7
Phi*Mn_{yy} *(kip-in)* :	36.5

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:

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: 470866-VZW - Trumbull South CT

Sector: **A**

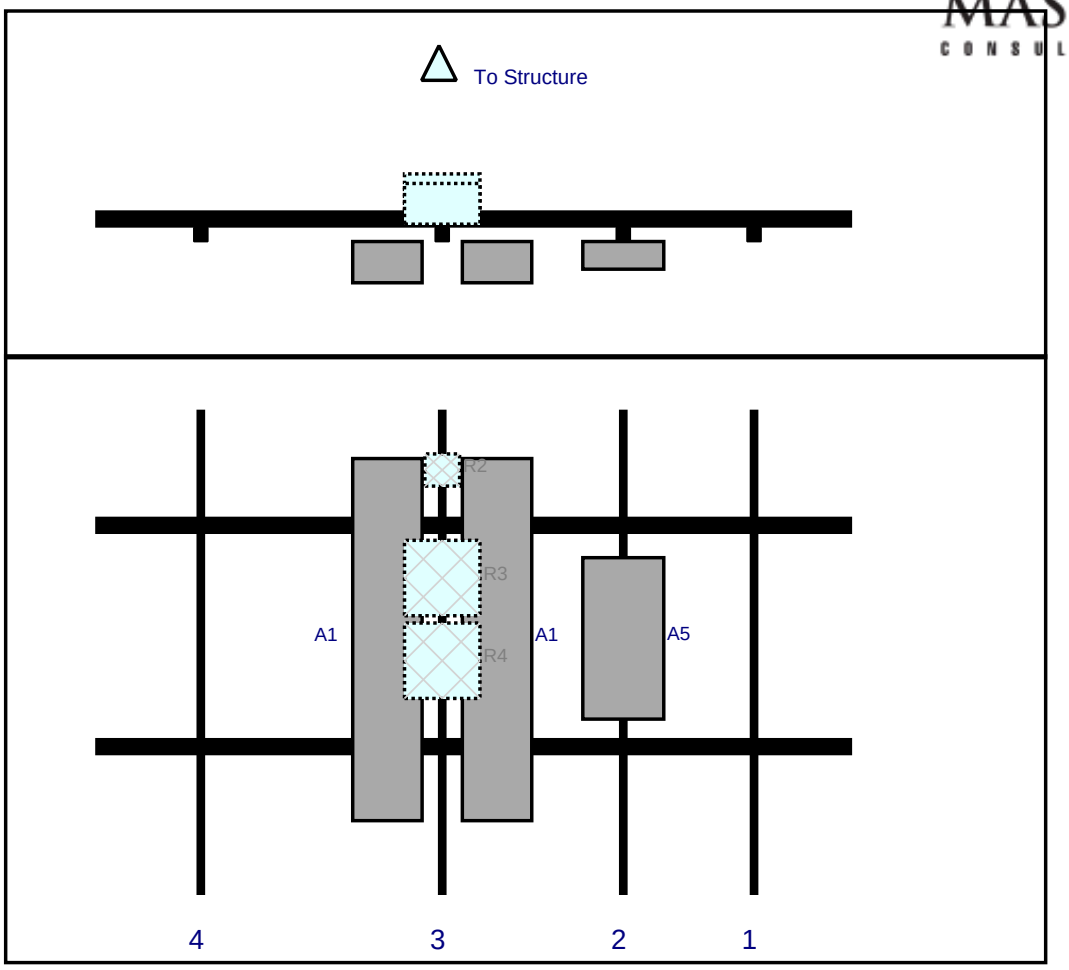
Structure Type: Monopole

Mount Elev: 140.00

11/10/2020

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
A5	nL-Sub6 Antenna	32.1	16.1	105	2	a	Front	45.48	0	Added	
A1	JAHH-65B-R3B	72	13.8	69	3	a	Front	45.72	10.9	Retained	10/24/2020
A1	JAHH-65B-R3B	72	13.8	69	3	b	Front	45.72	-10.9	Retained	10/24/2020
R2	CBC78T-DS-43-2X	6.4	6.9	69	3	a	Behind	12	0	Added	
R3	B2/B66A RRH-BR049	15	15	69	3	a	Behind	33.48	0	Added	
R4	B5/B13 RRH-BR04C	15	15	69	3	a	Behind	49.92	0	Added	

Sector: **B**

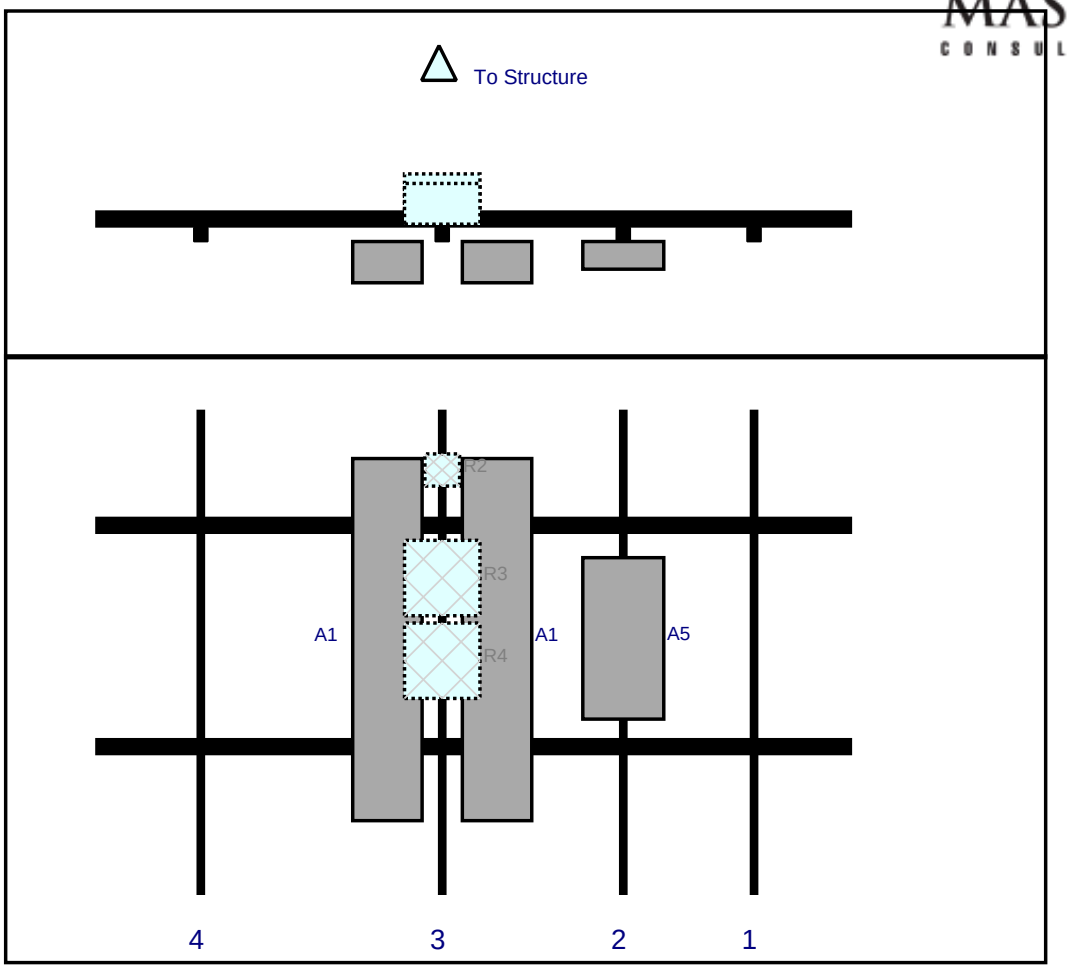
Structure Type: Monopole

Mount Elev: 140.00

11/10/2020

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
A5	nL-Sub6 Antenna	32.1	16.1	105	2	a	Front	45.48	0	Added	
A1	JAHH-65B-R3B	72	13.8	69	3	a	Front	45.72	10.9	Retained	10/24/2020
A1	JAHH-65B-R3B	72	13.8	69	3	b	Front	45.72	-10.9	Retained	10/24/2020
R2	CBC78T-DS-43-2X	6.4	6.9	69	3	a	Behind	12	0	Added	
R3	B2/B66A RRH-BR049	15	15	69	3	a	Behind	33.48	0	Added	
R4	B5/B13 RRH-BR04C	15	15	69	3	a	Behind	49.92	0	Added	

Sector: **C**

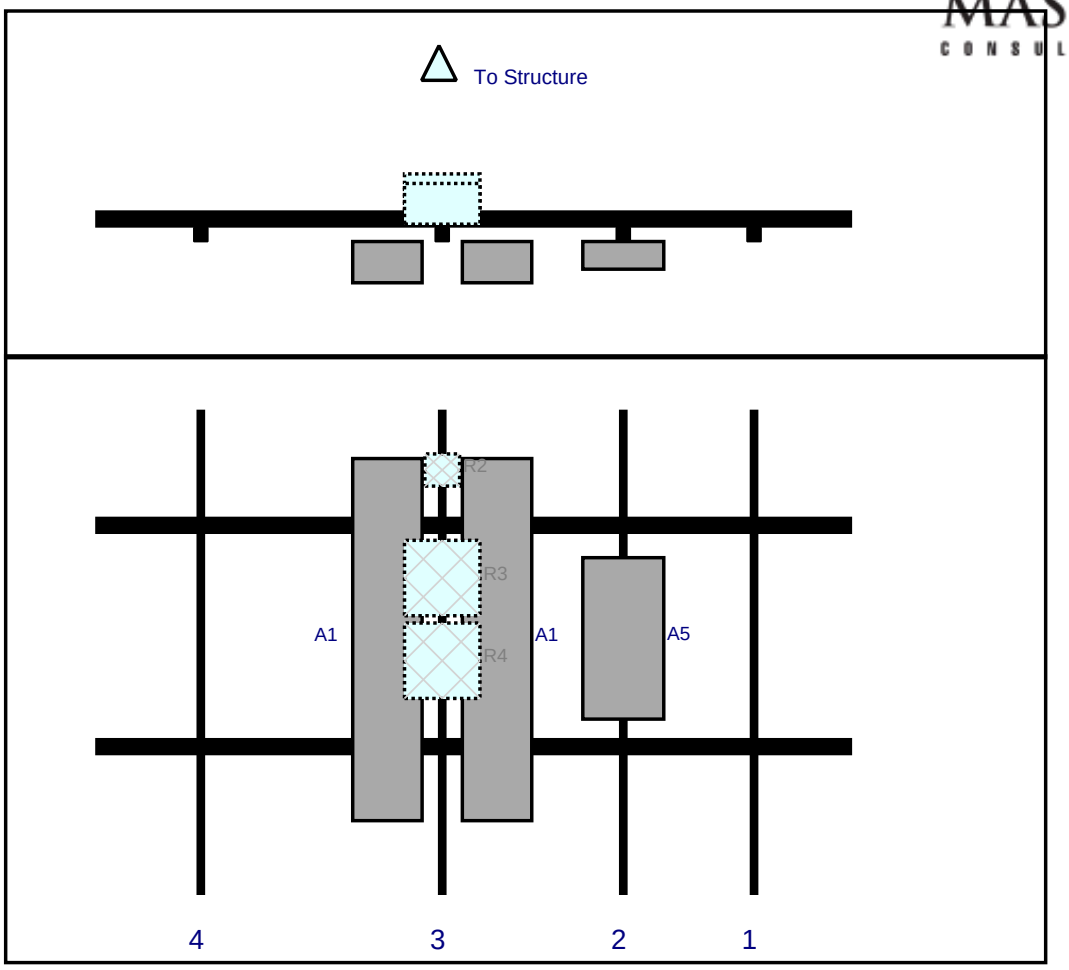
Structure Type: Monopole

Mount Elev: 140.00

11/10/2020

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
A5	nL-Sub6 Antenna	32.1	16.1	105	2	a	Front	45.48	0	Added	
A1	JAHH-65B-R3B	72	13.8	69	3	a	Front	45.72	10.9	Retained	10/24/2020
A1	JAHH-65B-R3B	72	13.8	69	3	b	Front	45.72	-10.9	Retained	10/24/2020
R2	CBC78T-DS-43-2X	6.4	6.9	69	3	a	Behind	12	0	Added	
R3	B2/B66A RRH-BR049	15	15	69	3	a	Behind	33.48	0	Added	
R4	B5/B13 RRH-BR04C	15	15	69	3	a	Behind	49.92	0	Added	

Maser Consulting Connecticut

MASER CONSULTING
— CONNECTICUT —

Subject: TIA-222-H Usage

Site Information	Site ID:	470866-VZW / Trumbull South CT
	Site Name:	Trumbull South CT
	Carrier Name:	Verizon Wireless
	Address:	54 Jeffrey Place Trumbull, Connecticut 06611 Fairfield County
	Latitude:	41.25186111°
	Longitude:	-73.19295278°
Structure Information	Tower Type:	149.0-Ft Monopole
	Mount Type:	12.54-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 tower site to ensure the engineer is taking into account the most current engineering standard available.

Sincerely,

Dejian Xu

Dejian Xu, PE
Technical Specialist

MASER CONSULTING
— CONNECTICUT —

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Red Bank, NJ 07701
T: 732.383.1950
www.maserconsulting.com

March 29, 2021

Mr. Andrew Leone
Verizon Wireless
20 Alexander Dr.
Wallingford, CT 06492

Re: Verizon Wireless antenna Model Clarification for CT Siting Council

Dear Mr. Leone,

This letter is intended to clarify and confirm the antenna naming convention used by Verizon Wireless as a part of an antenna upgrade project on numerous wireless facilities.

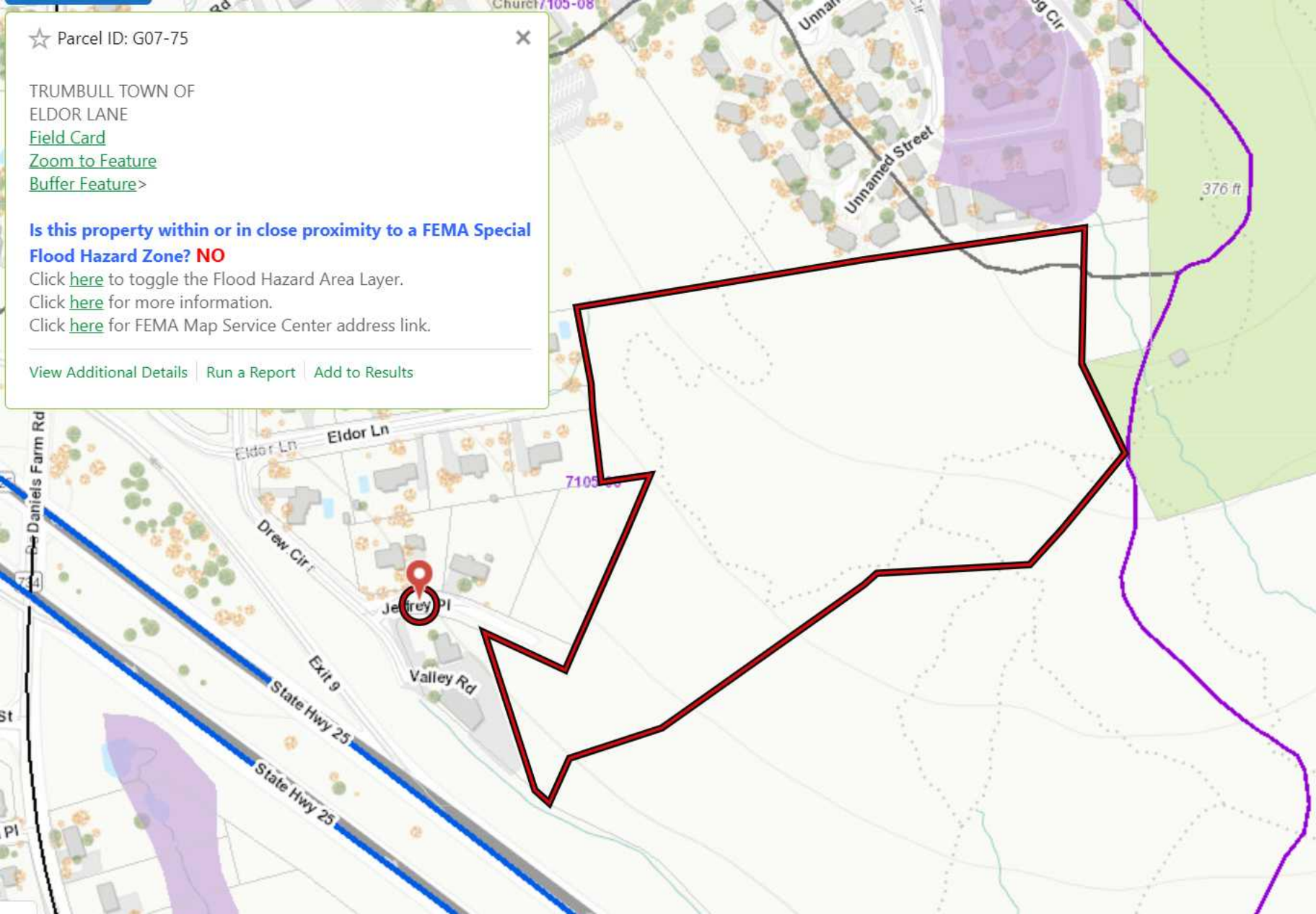
The antenna naming convention "Licensed Sub-6, L-Sub6, nL-Sub6, VZS01" and any other slight variants refer to the 64T64RMMU antenna manufactured by Samsung Electronics. These names are interchangeable and are used in various documents, including but not limited to the "Antenna Mount Analysis".

If you have any questions or comments, or require additional information, please do not hesitate to contact me.

Very truly yours,
MASER CONSULTING CONNECTICUT

Petros Toukalas
Connecticut Professional Engineer
License Number: 32577

Attachment 5


Parcel ID: G07-75
TRUMBULL TOWN OF
ELDOR LANE
Field Card
Zoom to Feature
Buffer Feature>
Is this property within or in close proximity to a FEMA Special Flood Hazard Zone? NO
Click here to toggle the Flood Hazard Area Layer.
Click here for more information.
Click here for FEMA Map Service Center address link.
View Additional Details
Run a Report
Add to Results
Eldor Ln
Drew Cir
Valley Rd
Exit 9
State Hwy 25
Unnamed Street
376 ft

TRUMBULL,CT

ELDOR LANE

Location
ELDOR LANE
Mblu
G/07 / 00075/ 000/
Acct#
Owner
TRUMBULL TOWN OF
Assessment
$354,060
Appraisal
$505,800
PID
12598
Building Count
1
Fire District
T

Current Value

Appraisal

Valuation Year	Total
2015	$505,800

Assessment

Valuation Year	Total
2015	$354,060

Owner of Record

Owner TRUMBULL TOWN OF
Co-Owner
Address 5866 MAIN STREET
TRUMBULL, CT 06611
Sale Price $0
Book & Page 217/ 168
Sale Date 02/03/1970
Instrument

Ownership History

Ownership History

Owner	Sale Price	Book & Page	Instrument	Sale Date
TRUMBULL TOWN OF	$0	217/ 168		02/03/1970

Building Information
Building 1 : Section 1
Year Built:
Living Area: 0

Building Attributes

Field	Description
Style	Vacant Land
Stories:	
Occupancy	
Exterior Wall 1	
Exterior Wall 2	
Roof Structure:	
Roof Cover	
Interior Wall 1	

Interior Wall 2	
Floor Covering	
Alt. Floor Cover	
Heat Fuel	
Heat Type:	
AC Type:	
Total Bedrooms:	
Total Bthrms:	
Total Half Baths:	
Total Xtra Fixtrs:	
Total Rooms:	
Bath Style:	
Kitchen Style:	
Total Kitchens	
Total Elec Meters	

Building Photo

Building Layout

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

Use Code	921
Description	Mun Lnd Res
Zone	AA
Neighborhood	300
Alt Land Appr	No
Category	

Land Line Valuation

Size (Acres)	16.8
Frontage	
Depth	

Outbuildings

Outbuildings Legend

No Data for Outbuildings

Valuation History

Appraisal

Valuation Year	Total
2019	$505,800
2018	$505,800
2017	$505,800

Assessment

Valuation Year	Total
2019	$354,060
2018	$354,060
2017	$354,060

closecloseclose

Attachment 6

UNITED STATES POSTAL SERVICE®

Certificate of Mailing — Firm

Name and Address of Sender	TOTAL NO. of Pieces Listed by Sender	TOTAL NO. of Pieces Received at Post Office™	Affix Stamp Here ***Postmark with Date of Receipt.***
Kenneth C. Baldwin Robinson & Cole LLP 28 Trumbull Street Hartford, CT 06103-3597	2	2	neopost 04/15/2021 US POSTAGE $002.89⁰ ZIP 06103 041L12203937
	Postmaster, per *(name of receiving employee)* V.P		

USPS® Tracking Number / Firm-specific Identifier	Address (Name, Street, City, State, and ZIP Code™)	Postage	Fee	Special Handling	Parcel Airlift
1.	Vicki A. Tesoro, First Selectman Town of Trumbull 5866 Main Street Trumbull, CT 06611				
2.	Robert Librandi, Land Use Planner Town of Trumbull 5866 Main Street Trumbull, CT 06611				
3.					
4.					
5.					
6.					

OLD STATE HOUSE STATION 06103 APR 15 2021 USPS