Derek Maheux Program Manager
c/o Cellco Partnership d/b/a Verizon Wireless
Centerline Communications, LLC
750 West Center Street, Suite 301
West Bridgewater, MA 02379
Mobile: (508)649-3407
Dmaheux@clinellc.com

October 13, 2023

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

RE: Notice of Exempt Modification // Site: HAWLEYVILLE CT (ATC: 302518)
25 Meridian Ridge Drive, Newton, CT 06457
N 41.425542 // W -73.374087

Dear Ms. Bachman,

Cellco Partnership d/b/a Verizon Wireless currently maintains eighteen (18) antenna at the 140-ft level on the existing 152ft Tower, located at 25 Meridian Ridge Drive, Newton, CT. The tower is owned by American Tower. Verizon Wireless proposed modification involves the installation of four (4) interference mitigation filters on Verizon Wireless existing antenna platform and mounting assembly.

Please accept this letter as notification pursuant to Regulations of Connecticut State Agencies §16-50j-73, for construction that constitutes an exempt modification pursuant to R.C.S.A. § 16-50j-72(b)(2). In accordance with R.C.S.A. § 16-50j-73, a copy of this letter is being sent to Bethany'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). Enclosed to accommodate this filing are construction drawings dated September 29, 2023, by A.T Engineering Services, LLC, a structural analysis dated September 8, 2023, by American Tower Corp., and a structural mount analysis by Colliers Engineering and Design dated July 24, 2023, and Non-Ionizing Electromagnetic Radiation (NIER) Study dated August 22, 2023, by Tower Engineering Professionals.

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

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

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

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

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

6. The existing structure and its foundation can support the proposed loading, as shown in the attached structural analysis and a structural mount analysis, pursuant to certain conditions defined therein. Design and engineering are fully illustrated within final construction drawings.

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

Sincerely,

Derek Maheux

_____

Derek Maheux, Program Manager
c/o Cellco Partnership d/b/a Verizon Wireless
Centerline Communications, LLC
750 West Center Street, Suite 301
West Bridgewater, MA 02379
Mobile: (508) 649 2307
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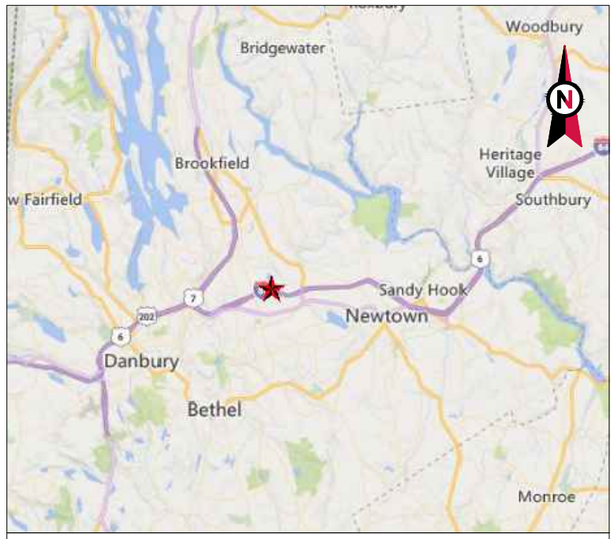
Attachments:
Exhibit 1 – Construction Drawings
Exhibit 2 – Property Card and GIS
Exhibit 3 – Structural Analysis
Exhibit 4 – Mount Analysis
Exhibit 5 – RF Emissions Analysis Report Evaluation
Exhibit 6 – Available Original Tower Approval Records
Exhibit 7 – Notice Deliver Confirmations

cc: Daniel C Rosenthal– First Selectman – Chief Elected Official
Rob Sibley – Director of Land Use - as P&Z official
American Tower Corporation - as tower owner
Constantine Macricostas – as ground owner

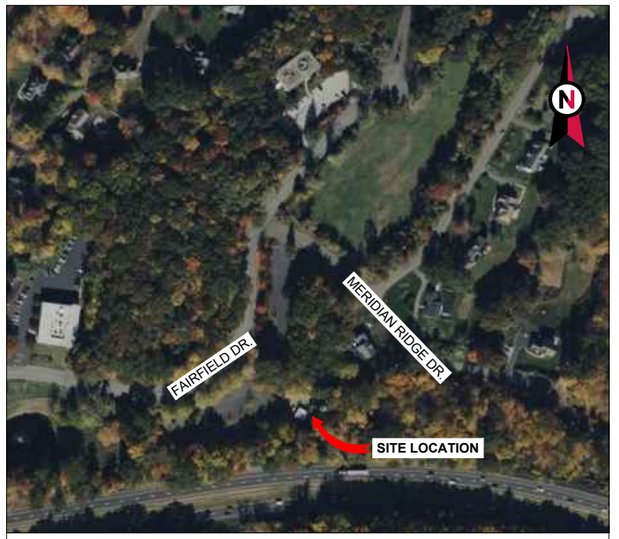
EXHIBIT 1



VICINITY MAP

AMERICAN TOWER®

ATC SITE NAME: NEWTOWN CT 3
ATC SITE NUMBER: 302518
VERIZON SITE NAME: HAWLEYVILLE CT
VERIZON SITE NUMBER: 5000385799
VERIZON SITE ADDRESS:25 MERIDIAN RIDGE DRIVE
NEWTOWN,CT 06470



LOCATION MAP

VERIZON AMENDMENT DRAWINGS

COMPLIANCE CODE

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

1. 2020 NFPA 70, NATIONAL ELECTRIC CODE (NEC)
2. 2022 CONNECTICUT STATE BUILDING CODE
3. 2021 INTERNATIONAL BUILDING CODE (IBC)

DESIGN CRITERIA FROM TOWER STRUCTUAL ANALYSIS:

BASIC WIND SPEED:	115 MPH
BASIC WIND SPEED W/ ICE:	50 MPH
CODE(S):	ANSI/TIA-222-H / 2021 IBC / 2022 CONNECTICUT STATE BUILDING CODE
EXPOSURE CATEGORY:	B
RISK CATEGORY:	II
TOPO FACTOR PROCEDURE:	METHOD 1
TOPOGRAPHIC CATEGORY:	1
FEATURE:	N/A
SPECTRAL RESPONSE:	S_S=0.21, S_1=0.06
SITE CLASS:	D - STIFF SOIL - DEFAULT

INFORMATION TAKEN FROM STRUCTURAL ANALYSIS COMPLETED BY AMERICAN TOWER, DATED 8/11/2023.

UTILITY COMPANIES

POWER COMPANY: EVER SOURCE
PHONE: (877) 659-6326

TELEPHONE COMPANY: FRONTIER COMMUNICATIONS
PHONE: (800) 376-6843

811 Know what's below. Call before you dig.

PROJECT SUMMARY

SITE ADDRESS:

25 MERIDIAN RIDGE DRIVE
NEWTOWN,CT 06470
COUNTY: FAIRFIELD

GEOGRAPHIC COORDINATES:

LATITUDE: 41° 25' 31.952" N
LONGITUDE: 73° 22' 26.713" W
GROUND ELEVATION: 426' AMSL

PROJECT TEAM

TOWER OWNER:

AMERICAN TOWER
10 PRESIDENTIAL WAY
WOBURN, MA 01801

APPLICANT:

VERIZON WIRELESS

ENGINEER:

ATC TOWER SERVICES, LLC
3500 REGENCY PKWY STE 100
CARY, NC 27518

PROPERTY OWNER:

AMERICAN TOWER
116 HUNTINGTON AVE #1100
BOSTON, MA 02116

PROJECT DESCRIPTION

THE PROPOSED PROJECT INCLUDES MODIFYING GROUND BASED AND TOWER MOUNTED EQUIPMENT AS INDICATED PER BELOW:

INSTALL (4) FILTERS

EXISTING (18) ANTENNA(s), (6) RRH(s), (3) DIPLEXER(s), (1) OVP(s), AND (6) 1 5/8" COAX, (1) 1/2" COAX, & (2) 1 5/8" HYBRIFLEX CABLE(s) TO REMAIN

PROJECT NOTES

1. THE FACILITY IS UNMANNED.
2. A TECHNICIAN WILL VISIT THE SITE APPROXIMATELY ONCE A MONTH FOR ROUTINE INSPECTION AND MAINTENANCE.
3. THE PROJECT WILL NOT RESULT IN ANY SIGNIFICANT LAND DISTURBANCE OR EFFECT OF STORM WATER DRAINAGE.
4. NO SANITARY SEWER, POTABLE WATER OR TRASH DISPOSAL IS REQUIRED.
5. HANDICAP ACCESS IS NOT REQUIRED.
6. THE PROJECT DEPICTED IN THESE PLANS QUALIFIES AS AN ELIGIBLE FACILITIES REQUEST ENTITLED TO EXPEDITED REVIEW UNDER 47 U.S.C. § 1455(A) AS A MODIFICATION OF AN EXISTING WIRELESS TOWER THAT INVOLVES THE COLLOCATION, REMOVAL, AND/OR REPLACEMENT OF TRANSMISSION EQUIPMENT THAT IS NOT A SUBSTANTIAL CHANGE UNDER CFR § 1.61000 (B)(7).

PROJECT LOCATION DIRECTIONS

I-84 W TO EXIT 9. TURN RIGHT OFF EXIT THEN LEFT ON OLD HAWLEYVILLE RD. AT FORK STAY TO THE RIGHT ONTO SECOR RD. AFTER BRIDGE TURN RIGHT ON FAIRFIELD DR. TOWER IS AHEAD ON RIGHT.

SHEET INDEX

SHEET NO:	DESCRIPTION:	REV:	DATE:	BY:
G-001	TITLE SHEET	1	09/29/23	JBW
G-002	GENERAL NOTES	0	09/28/23	JBW
C-101	DETAILED SITE PLAN	0	09/28/23	JBW
C-201	TOWER ELEVATION	0	09/28/23	JBW
C-401	ANTENNA INFORMATION & SCHEDULE	0	09/28/23	JBW
C-501	CONSTRUCTION DETAILS	0	09/28/23	JBW
E-501	GROUNDING DETAILS	0	09/28/23	JBW
R-601	SUPPLEMENTAL			

CONTRACTOR PMI REQUIREMENTS

PMI ACCESSED AT:	HTTPS://PMI.VZWSMART.COM
SMART TOOL VENDOR PROJECT NUMBER:	10207602
VZW LOCATION CODE (PSLC):	5000385799

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

MOUNT MODIFICATION REQUIRED:	NO
VZW APPROVED SMART KIT VENDORS:	REFER TO MOUNT MODIFICATION DRAWINGS PAGES FOR VZW SMART KIT APPROVED VENDORS

AMERICAN TOWER®
A.T. ENGINEERING SERVICES LLC
3500 REGENCY PARKWAY
SUITE 100
CARY, NC 27518
PHONE: (919) 468-0112
PEC.0001553

REV.	DESCRIPTION	BY	DATE
0	FOR CONSTRUCTION	JBW	09/28/23
1	CODE UPDATE	JBW	09/29/23

ATC SITE NUMBER:
302518
ATC SITE NAME:
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SITE ADDRESS:
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NEWTOWN,CT 06470

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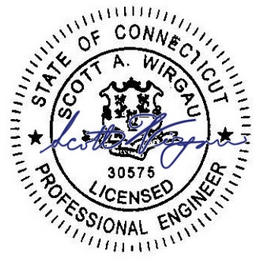


verizon

ATC JOB NO:	14519442_G0
CUSTOMER ID:	HAWLEYVILLE CT
CUSTOMER #:	5000385799

TITLE SHEET

SHEET NUMBER:	REVISION:
C-101	1

GENERAL CONSTRUCTION NOTES:

1. OWNER FURNISHED MATERIALS, VERIZON "THE COMPANY" WILL PROVIDE AND THE CONTRACTOR WILL INSTALL
   - A. BTS EQUIPMENT FRAME (PLATFORM) AND ICEBRIDGE SHELTER (GROUND BUILD/CO-LOCATE ONLY)
   - B. AC/TELCO INTERFACE BOX (PPC)
   - C. ICE BRIDGE (CABLE TRAY WITH COVER) (GROUND BUILD/CO-LOCATE ONLY, GC TO FURNISH AND INSTALL FOR ROOFTOP INSTALLATION)
   - D. TOWERS, MONOPOLES
   - E. TOWER LIGHTING
   - F. GENERATORS & LIQUID PROPANE TANK
   - G. ANTENNA STANDARD BRACKETS, FRAMES AND PIPES FOR MOUNTING
   - H. ANTENNAS (INSTALLED BY OTHERS)
   - I. TRANSMISSION LINE
   - J. TRANSMISSION LINE JUMPERS
   - K. TRANSMISSION LINE CONNECTORS WITH WEATHERPROOFING KITS
   - L. TRANSMISSION LINE GROUND KITS
   - M. HANGERS
   - N. HOISTING GRIPS
   - O. BTS EQUIPMENT
2. THE CONTRACTOR IS RESPONSIBLE TO PROVIDE ALL OTHER MATERIALS FOR THE COMPLETE INSTALLATION OF THE SITE INCLUDING, BUT NOT LIMITED TO, SUCH MATERIALS AS FENCING, STRUCTURAL STEEL SUPPORTING SUB-FRAME FOR PLATFORM, ROOFING LABOR AND MATERIALS, GROUNDING RINGS, GROUNDING WIRES, COPPER-CLAD OR XIT CHEMICAL GROUND ROD(S), BUSS BARS, TRANSFORMERS AND DISCONNECT SWITCHES WHERE APPLICABLE, TEMPORARY ELECTRICAL POWER, CONDUIT, LANDSCAPING COMPOUND STONE, CRANES, CORE DRILLING, SLEEPERS AND RUBBER MATTING, REBAR, CONCRETE CAISSONS, PADS AND/OR AUGER MOUNTS, MISCELLANEOUS FASTENERS, CABLE TRAYS, NON-STANDARD ANTENNA FRAMES AND ALL OTHER MATERIAL AND LABOR REQUIRED TO COMPLETE THE JOB ACCORDING TO THE DRAWINGS AND SPECIFICATIONS. IT IS THE POSITION OF VERIZON TO APPLY FOR PERMITTING AND CONTRACTOR RESPONSIBLE FOR PICKUP AND PAYMENT OF REQUIRED PERMITS.
3. ALL WORK SHALL CONFORM TO ALL CURRENT APPLICABLE FEDERAL, STATE, AND LOCAL CODES, INCLUDING ANSI/EIA/TIA-222, AND COMPLY WITH ATC CONSTRUCTION SPECIFICATIONS.
4. CONTRACTOR SHALL CONTACT LOCAL 811 FOR IDENTIFICATION OF UNDERGROUND UTILITIES PRIOR TO START OF CONSTRUCTION.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL REQUIRED INSPECTIONS.
6. ALL DIMENSIONS TO, OF, AND ON EXISTING BUILDINGS, DRAINAGE STRUCTURES, AND SITE IMPROVEMENTS SHALL BE VERIFIED IN FIELD BY CONTRACTOR WITH ALL DISCREPANCIES REPORTED TO THE ENGINEER.
7. DO NOT CHANGE SIZE OR SPACING OF STRUCTURAL ELEMENTS.
8. DETAILS SHOWN ARE TYPICAL; SIMILAR DETAILS APPLY TO SIMILAR CONDITIONS UNLESS OTHERWISE NOTED.
9. THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY WHICH SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
10. CONTRACTOR SHALL BRACE STRUCTURES UNTIL ALL STRUCTURAL ELEMENTS NEEDED FOR STABILITY ARE INSTALLED. THESE ELEMENTS ARE AS FOLLOWS: LATERAL BRACING, ANCHOR BOLTS, ETC.
11. CONTRACTOR SHALL DETERMINE EXACT LOCATION OF EXISTING UTILITIES, GROUNDS DRAINS, DRAIN PIPES, VENTS, ETC. BEFORE COMMENCING WORK.
12. INCORRECTLY FABRICATED, DAMAGED, OR OTHERWISE MISFITTING OR NONCONFORMING MATERIALS OR CONDITIONS SHALL BE REPORTED TO THE VERIZON REP PRIOR TO REMEDIAL OR CORRECTIVE ACTION. ANY SUCH REMEDIAL ACTION SHALL REQUIRE WRITTEN APPROVAL BY THE VERIZON REP PRIOR TO PROCEEDING.
13. EACH CONTRACTOR SHALL COOPERATE WITH THE VERIZON REP, AND COORDINATE HIS WORK WITH THE WORK OF OTHERS.
14. CONTRACTOR SHALL REPAIR ANY DAMAGE CAUSED BY CONSTRUCTION OF THIS PROJECT TO MATCH EXISTING PRE-CONSTRUCTION CONDITIONS TO THE SATISFACTION OF THE VERIZON CONSTRUCTION MANAGER.
15. ALL CABLE/CONDUIT ENTRY/EXIT PORTS SHALL BE WEATHERPROOFED DURING INSTALLATION USING A SILICONE SEALANT.
16. WHERE EXISTING CONDITIONS DO NOT MATCH THOSE SHOWN IN THIS PLAN SET, CONTRACTOR SHALL NOTIFY THE VERIZON REP AND ENGINEER OF RECORD IMMEDIATELY.
17. CONTRACTOR SHALL ENSURE ALL SUBCONTRACTORS ARE PROVIDED WITH A COMPLETE AND CURRENT SET OF DRAWINGS AND SPECIFICATIONS FOR THIS PROJECT.
18. CONTRACTOR SHALL REMOVE ALL RUBBISH AND DEBRIS FROM THE SITE AT THE END OF EACH DAY.
19. CONTRACTOR SHALL COORDINATE WORK SCHEDULE WITH AMERICAN TOWER CORPORATION (ATC) AND TAKE PRECAUTIONS TO MINIMIZE IMPACT AND DISRUPTION OF OTHER OCCUPANTS OF THE FACILITY.
20. CONTRACTOR SHALL FURNISH VERIZON AND AMERICAN TOWER CORPORATION (ATC) WITH A PDF MARKED UP AS-BUILT SET OF DRAWINGS UPON COMPLETION OF WORK.
21. PRIOR TO SUBMISSION OF BID, CONTRACTOR SHALL COORDINATE WITH VERIZON REP TO DETERMINE WHAT, IF ANY, ITEMS WILL BE PROVIDED. ALL ITEMS NOT PROVIDED SHALL BE PROVIDED AND INSTALLED BY THE CONTRACTOR. CONTRACTOR WILL INSTALL ALL ITEMS PROVIDED.
22. PRIOR TO SUBMISSION OF BID, CONTRACTOR SHALL COORDINATE WITH VERIZON REP TO DETERMINE IF ANY PERMITS WILL BE OBTAINED BY CONTRACTOR. ALL REQUIRED PERMITS NOT OBTAINED BY VERIZON MUST BE OBTAINED, AND PAID FOR, BY THE CONTRACTOR.
23. CONTRACTOR SHALL INSTALL ALL SITE SIGNAGE IN ACCORDANCE WITH VERIZON SPECIFICATIONS AND REQUIREMENTS.
24. CONTRACTOR SHALL SUBMIT ALL SHOP DRAWINGS TO VERIZON FOR REVIEW AND APPROVAL PRIOR TO FABRICATION.
25. ALL EQUIPMENT SHALL BE INSTALLED ACCORDING TO MANUFACTURER'S SPECIFICATIONS AND LOCATED ACCORDING TO VERIZON SPECIFICATIONS, AND AS SHOWN IN THESE PLANS.
26. THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE PROJECT DESCRIBED HEREIN. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL THE CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES AND FOR COORDINATING ALL PORTIONS OF THE WORK UNDER THE CONTRACT.
27. CONTRACTOR SHALL NOTIFY VERIZON REP A MINIMUM OF 48 HOURS IN ADVANCE OF POURING CONCRETE OR BACKFILLING ANY UNDERGROUND UTILITIES, FOUNDATIONS OR SEALING ANY WALL, FLOOR OR ROOF PENETRATIONS FOR ENGINEERING REVIEW AND APPROVAL.
28. WHEN THE PROJECT SCOPE REQUIRES THE USE OF THE SAFETY CLIMB, THE GENERAL CONTRACTOR SHALL ENSURE THE SAFETY CLIMB IS FREE OF OBSTRUCTIONS, NOT RUBBING ON OR TRAPPED BY ANY INSTALLED CUSTOMER EQUIPMENT, IS VISUALLY TAUT, MEETS MANUFACTURER INSTALLATION SPECIFICATIONS, AND IS FIRMLY SECURED AT ALL CABLE GUIDE LOCATIONS UPON PROJECT COMPLETION.
29. COMPLETION OF PROJECT SHALL NOT OBSTRUCT, TRAP, LOOSEN, OR OTHERWISE CAUSE FAILURE TO MEET MANUFACTURER INSTALLATION REQUIREMENTS FOR THE SAFETY CLIMB.
30. CONTRACTOR SHALL BE RESPONSIBLE FOR SITE SAFETY INCLUDING COMPLIANCE WITH ALL APPLICABLE OSHA STANDARDS AND RECOMMENDATIONS AND SHALL PROVIDE ALL NECESSARY SAFETY DEVICES INCLUDING PPE AND PPM AND CONSTRUCTION DEVICES SUCH AS WELDING AND FIRE PREVENTION, TEMPORARY SHORING, SCAFFOLDING, TRENCH BOXES/SLOPING, BARRIERS, ETC.
31. THE CONTRACTOR SHALL PROTECT AT HIS OWN EXPENSE, ALL EXISTING FACILITIES AND SUCH OF HIS NEW WORK LIABLE TO INJURY DURING THE CONSTRUCTION PERIOD. ANY DAMAGE CAUSED BY NEGLECT ON THE PART OF THIS CONTRACTOR OR HIS REPRESENTATIVES, OR BY THE ELEMENTS DUE TO NEGLECT ON THE PART OF THIS CONTRACTOR OR HIS REPRESENTATIVES, EITHER TO THE EXISTING WORK, OR TO HIS WORK OR THE WORK OF ANY OTHER CONTRACTOR, SHALL BE REPAIRED AT HIS EXPENSE TO THE OWNER'S SATISFACTION.
32. ALL WORK SHALL BE INSTALLED IN A FIRST CLASS, NEAT AND WORKMANLIKE MANNER BY MECHANICS SKILLED IN THE TRADE INVOLVED. THE QUALITY OF WORKMANSHIP SHALL BE SUBJECT TO THE APPROVAL OF THE VERIZON REP. ANY WORK FOUND BY THE VERIZON REP TO BE OF INFERIOR QUALITY AND/OR WORKMANSHIP SHALL BE REPLACED AND/OR REWORKED AT CONTRACTOR EXPENSE UNTIL APPROVAL IS OBTAINED.
33. IN ORDER TO ESTABLISH STANDARDS OF QUALITY AND PERFORMANCE, ALL TYPES OF MATERIALS LISTED HEREINAFTER BY MANUFACTURER'S NAMES AND/OR MANUFACTURER'S CATALOG NUMBER SHALL BE PROVIDED BY THESE MANUFACTURERS AS SPECIFIED.
34. VERIZON FURNISHED EQUIPMENT SHALL BE PICKED-UP AT THE VERIZON WAREHOUSE, NO LATER THAN 48HR AFTER BEING NOTIFIED INSURED, STORED, UNCRATE, PROTECTED AND INSTALLED BY THE CONTRACTOR WITH ALL APPURTENANCES REQUIRED TO PLACE THE EQUIPMENT IN OPERATION, READY FOR USE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE EQUIPMENT AFTER PICKING IT UP.
35. VERIZON OR HIS ARCHITECT/ENGINEER RESERVES THE RIGHT TO REJECT ANY EQUIPMENT OR MATERIALS WHICH, IN HIS OWN OPINION ARE NOT IN COMPLIANCE WITH THE CONTRACT DOCUMENTS, EITHER BEFORE OR AFTER INSTALLATION AND THE EQUIPMENT SHALL BE REPLACED WITH EQUIPMENT CONFORMING TO THE REQUIREMENTS OF THE CONTRACT DOCUMENTS BY THE CONTRACTOR AT NO COST TO VERIZON OR THEIR ARCHITECT/ENGINEER.

SPECIAL CONSTRUCTION ANTENNA INSTALLATION NOTES:

1. WORK INCLUDED:
   - A. ANTENNA AND COAXIAL CABLES ARE FURNISHED BY VERIZON UNDER A SEPARATE CONTRACT. THE CONTRACTOR SHALL ASSIST ANTENNA INSTALLATION CONTRACTOR IN TERMS OF COORDINATION AND SITE ACCESS. ERECTION SUBCONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF PERSONNEL.
   - B. INSTALL ANTENNAS AS INDICATED ON DRAWINGS AND VERIZON SPECIFICATIONS.
   - C. INSTALL GALVANIZED STEEL ANTENNA MOUNTS AS INDICATED ON DRAWINGS.
   - D. INSTALL FURNISHED GALVANIZED STEEL OR ALUMINUM WAVEGUIDE.
   - E. CONTRACTOR SHALL PROVIDE FOUR (4) SETS OF SWEEP TESTS USING ANRITZU-PACKARD 8713B RF SCALAR NETWORK ANALYZER. SUBMIT FREQUENCY DOMAIN REFLECTOMETER(FDR) TESTS RESULTS TO THE PROJECT MANAGER. SWEEP TESTS SHALL BE AS PER ATTACHED RFS "MINIMUM FIELD TESTING RECOMMENDED FOR ANTENNA AND HELIAX COAXIAL CABLE SYSTEMS" DATED 10/5/93. TESTING SHALL BE PERFORMED BY AN INDEPENDENT TESTING SERVICE AND BE BOUND AND SUBMITTED WITHIN ONE WEEK OF WORK COMPLETION.
   - F. INSTALL COAXIAL CABLES AND TERMINATING BETWEEN ANTENNAS AND EQUIPMENT PER MANUFACTURER'S RECOMMENDATIONS. WEATHERPROOF ALL CONNECTIONS BETWEEN THE ANTENNA AND EQUIPMENT PER MANUFACTURER'S REQUIREMENTS. TERMINATE ALL COAXIAL CABLE THREE (3) FEET IN EXCESS OF ENTRY PORT LOCATION UNLESS OTHERWISE STATED.
   - G. ANTENNA AND COAXIAL CABLE GROUNDING:
2. ALL EXTERIOR #6 GREEN GROUND WIRE "DAISY CHAIN" CONNECTIONS ARE TO BE WEATHER SEALED WITH RFS CONNECTORS/SPLICE WEATHERPROOFING KIT #221213 OR EQUAL.
3. ALL COAXIAL CABLE GROUNDING KITS ARE TO BE INSTALLED ON STRAIGHT RUNS OF COAXIAL CABLE (NOT WITHIN BENDS)

ALL DISCREPANCIES FROM WHAT IS SHOWN ON THESE CONSTRUCTION DRAWINGS SHALL BE COMMUNICATED TO ATC ENGINEERING IMMEDIATELY FOR CORRECTION OR RE-DESIGN. FAILURE TO COMMUNICATE DIRECTLY WITH ATC ENGINEERING OR ANY CHANGES FROM THE DESIGN CONDUCTED WITHOUT PRIOR APPROVAL FROM ATC ENGINEERING SHALL BE THE SOLE RESPONSIBILITY OF THE GENERAL CONTRACTOR.

AMERICAN TOWER®
A.T. ENGINEERING SERVICES LLC
3500 REGENCY PARKWAY
SUITE 100
CARY, NC 27518
PHONE: (919) 468-0112
PEC.0001553

REV.	DESCRIPTION	BY	DATE
0	FOR CONSTRUCTION	JBW	09/28/23

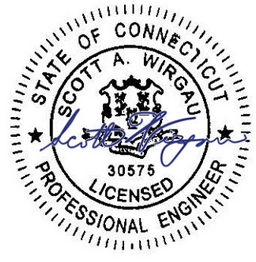
ATC SITE NUMBER:
302518

ATC SITE NAME:
NEWTOWN CT 3

VERIZON SITE NAME:
HAWLEYVILLE CT

SITE ADDRESS:
25 MERIDIAN RIDGE DRIVE
NEWTOWN,CT 06470

SEAL:



Digitally Signed: 2023-09-29

verizon

ATC JOB NO:	14519442_G0
CUSTOMER ID:	HAWLEYVILLE CT
CUSTOMER #:	5000385799

GENERAL NOTES

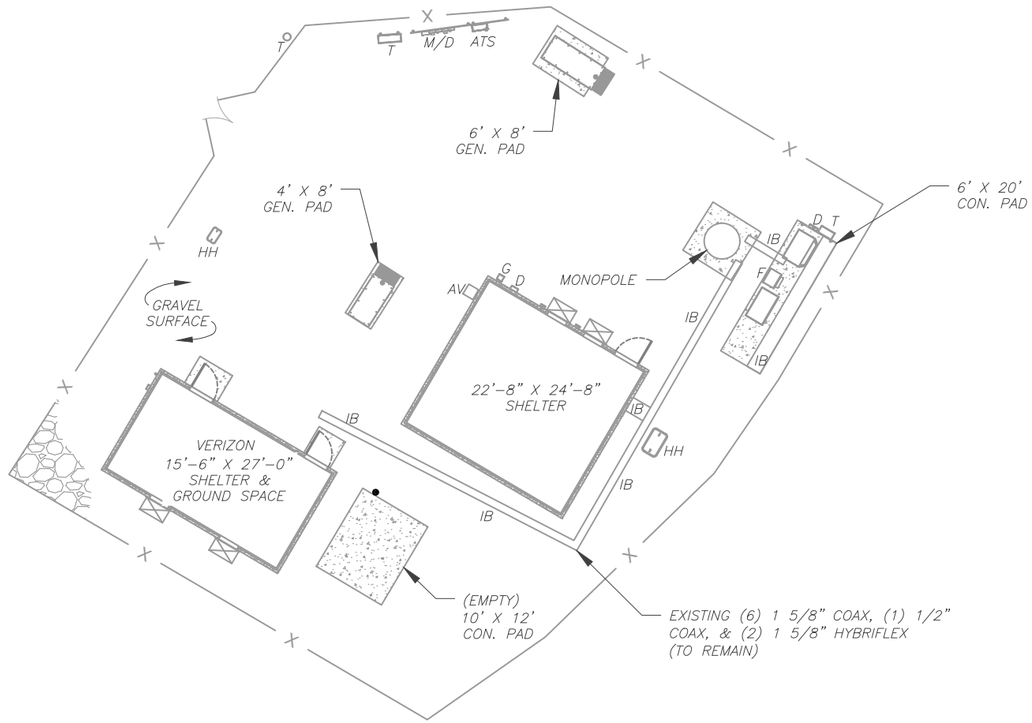
SHEET NUMBER:	REVISION:
C-101	0

SITE PLAN NOTES:

1. THIS SITE PLAN REPRESENTS THE BEST PRESENT KNOWLEDGE AVAILABLE TO THE ENGINEER AT THE TIME OF THIS DESIGN. THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO CONSTRUCTION AND VERIFY ALL EXISTING CONDITIONS RELATED TO THE SCOPE OF WORK FOR THIS PROJECT.

2. ICE BRIDGE, CABLE LADDER, COAX PORT, AND COAX CABLE ARE SHOWN FOR REFERENCE ONLY. CONTRACTOR SHALL CONFIRM THE EXACT LOCATION OF ALL PROPOSED AND EXISTING EQUIPMENT AND STRUCTURES DEPICTED ON THIS PLAN. BEFORE UTILIZING EXISTING CABLE SUPPORTS, COAX PORTS, INSTALLING NEW PORTS OR ANY OTHER EQUIPMENT, CONTRACTOR SHALL VERIFY ALL ASPECTS OF THE COMPONENTS MEET THE ATC SPECIFICATIONS.

3. NO ELECTRICAL SCOPE IS INCLUDED IN THIS PROJECT.



LEGEND

⊗	GROUNDING TEST WELL
ATS	AUTOMATIC TRANSFER SWITCH
B	BOLLARD
CSC	CELL SITE CABINET
D	DISCONNECT
E	ELECTRICAL
F	FIBER
GEN	GENERATOR
G	GENERATOR RECEPTACLE
HH, V	HAND HOLE, VAULT
IB	ICE BRIDGE
K	KENTROX BOX
LC	LIGHTING CONTROL
M	METER
PB	PULL BOX
PP	POWER POLE
T	TELCO
TRN	TRANSFORMER
———	CHAINLINK FENCE

1 DETAILED SITE PLAN

GRAPHIC SCALE

20 0 10 20

(IN FEET)
1 UNIT = 20 FEET

N

AMERICAN TOWER®
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SUITE 100
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PHONE: (919) 468-0112
PEC.0001553

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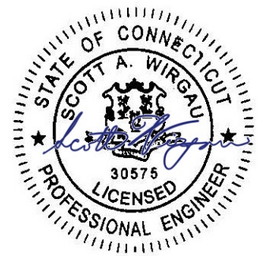


Digitally Signed: 2023-09-29

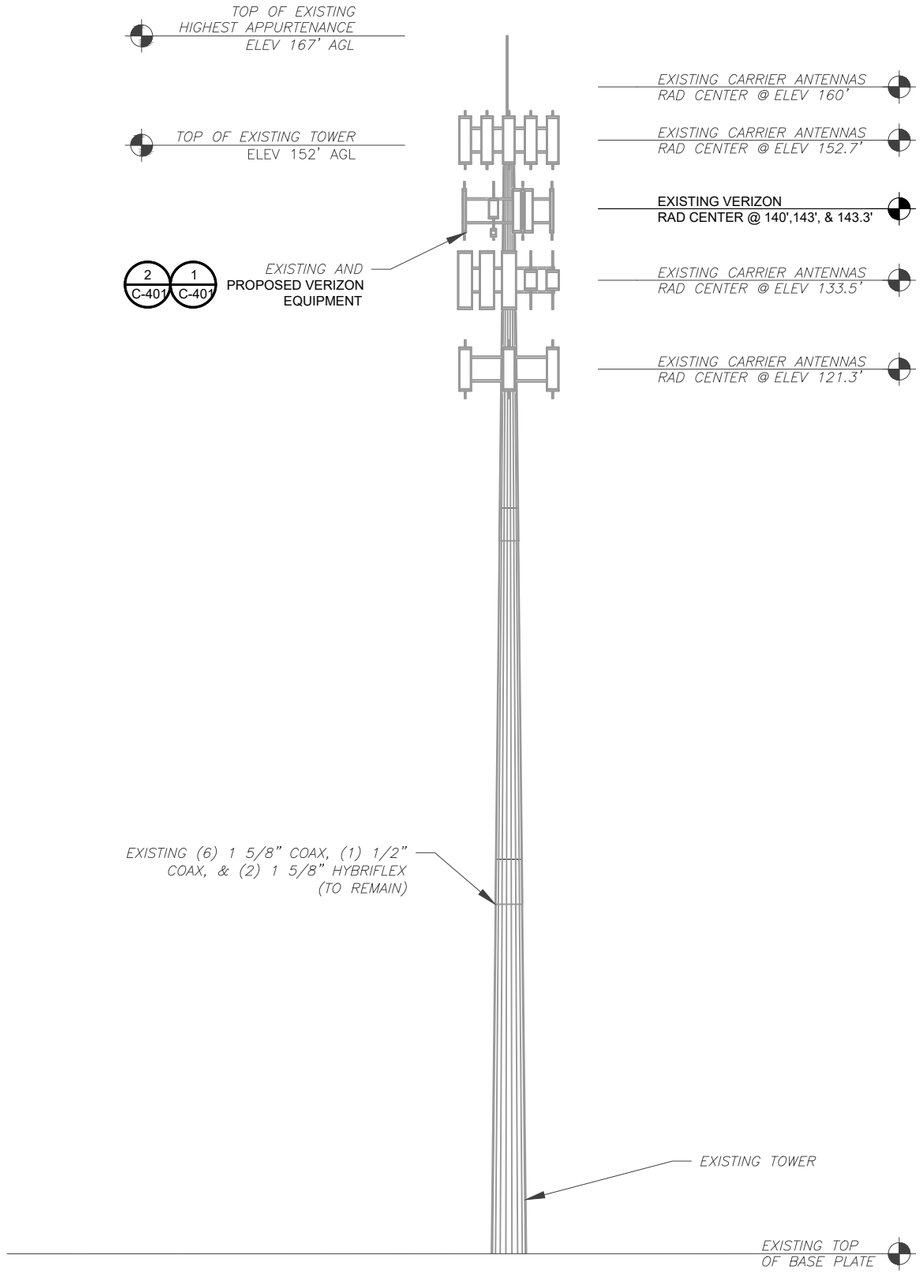
verizon

ATC JOB NO:	14519442_G0
CUSTOMER ID:	HAWLEYVILLE CT
CUSTOMER #:	5000385799

DETAILED SITE PLAN

SHEET NUMBER:	REVISION:
C-101	0

PER MOUNT ANALYSIS COMPLETED BY COLLIERS ENGINEERING, DATED 7/24/2023, THE EXISTING MOUNT CAN ADEQUATELY SUPPORT THE PROPOSED LOADING.



1 TOWER ELEVATION
SCALE: N.T.S.

TOWER NOTE:

1. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONFIRM WITH THE PROJECT MANAGER THAT THEY HAVE THE MOST RECENT VERSION OF THE STRUCTURAL ANALYSIS BEFORE COMMENCING WORK. EXISTING AND PROPOSED TOWER APPURTENANCES, MOUNTS, AND ANTENNAS ARE SHOWN BASED ON THE STRUCTURAL ANALYSIS.
2. WHERE APPLICABLE, ALL NEW ANTENNAS, EQUIPMENT, MOUNTS, CABLING, ETC. SHALL BE PAINTED/SOCKED TO MATCH EXISTING EQUIPMENT IN ACCORDANCE WITH FAA, JURISDICTION, AND/OR OTHER LOCAL REQUIREMENTS.
3. TOWER ELEVATIONS ARE MEASURED FROM TOP OF BASE PLATE TO MATCH STRUCTURAL ANALYSIS. ELEVATIONS DO NOT REFLECT TRUE ABOVE GROUND LEVEL (A.G.L.)
4. TOWER ELEVATION DEPICTION MAY NOT REFLECT ALL EQUIPMENT INCLUDED IN STRUCTURAL ANALYSIS. REFER TO STRUCTURAL ANALYSIS FOR FULL TOWER LOADING.

AMERICAN TOWER®
A.T. ENGINEERING SERVICES LLC
3500 REGENCY PARKWAY
SUITE 100
CARY, NC 27518
PHONE: (919) 468-0112
PEC.0001553

REV.	DESCRIPTION	BY	DATE
0	FOR CONSTRUCTION	JBW	09/28/23

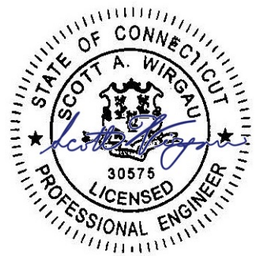
ATC SITE NUMBER:
302518

ATC SITE NAME:
NEWTOWN CT 3

VERIZON SITE NAME:
HAWLEYVILLE CT

SITE ADDRESS:
25 MERIDIAN RIDGE DRIVE
NEWTOWN,CT 06470

SEAL:



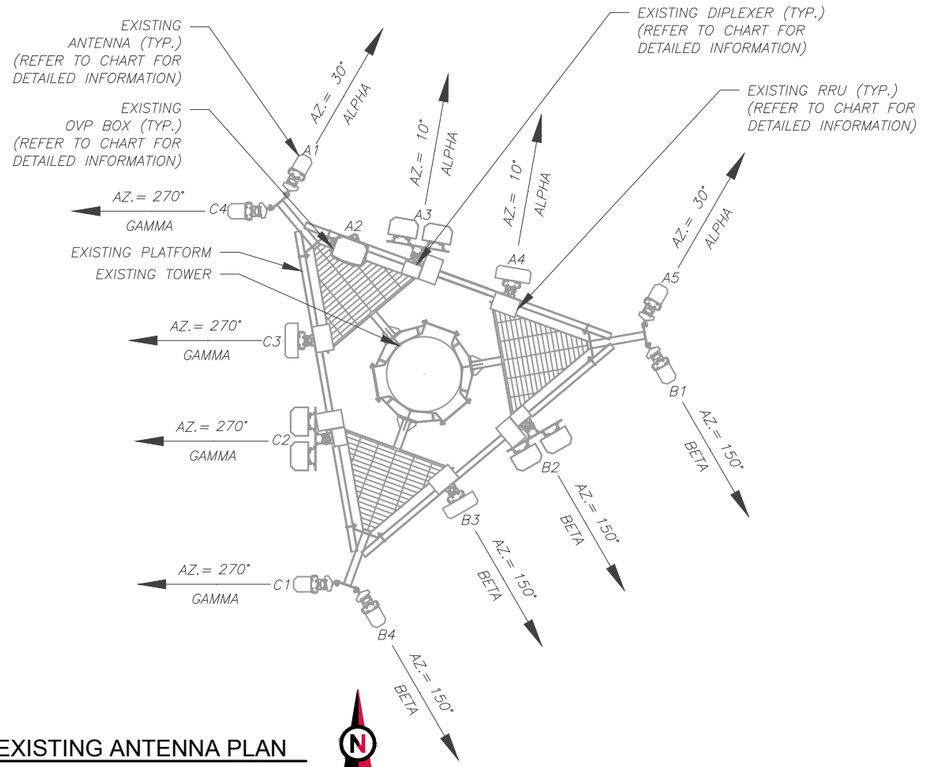
Digitally Signed: 2023-09-29

verizon

ATC JOB NO:	14519442_G0
CUSTOMER ID:	HAWLEYVILLE CT
CUSTOMER #:	5000385799

TOWER ELEVATION

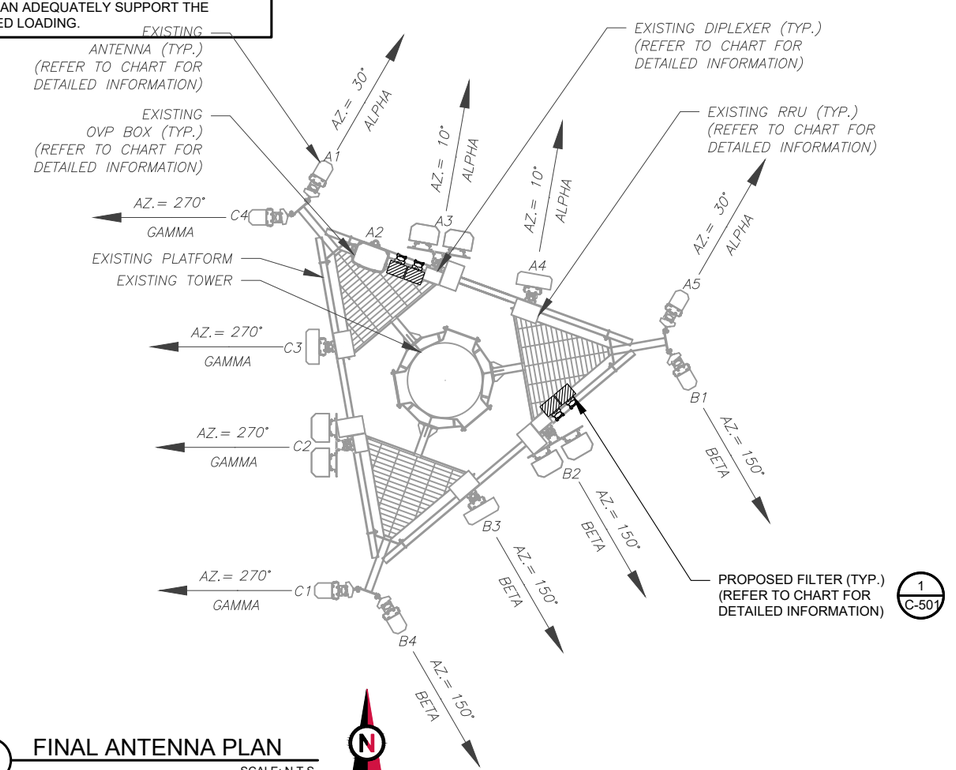
SHEET NUMBER:	REVISION:
C-101	0



1 EXISTING ANTENNA PLAN

SCALE: N.T.S.

PER MOUNT ANALYSIS COMPLETED BY COLLIERS ENGINEERING, DATED 7/24/2023, THE EXISTING MOUNT CAN ADEQUATELY SUPPORT THE PROPOSED LOADING.



2 FINAL ANTENNA PLAN

SCALE: N.T.S.

EXISTING ANTENNA SCHEDULE

LOCATION			ANTENNA SUMMARY				NON ANTENNA SUMMARY	
SECTOR	RAD	AZ	POS	ANTENNA	BAND	STATUS	ADDITIONAL TOWER MOUNTED EQUIPMENT	STATUS
ALPHA	143'	30°	A1	DB846H80E-SX	850 CDMA	RMN	–	–
			A2	–	–	–	–	–
		10°	A3	(2) JAHH-65B-R3B	700/850/1900/ 2100 LTE/5G	RMN	CBC78T-DS-43-2X B2/B66A RRH-BR049	RMN RMN
	143.4'		A4	MT6407-77A	5G	RMN	B5/B13 RRH-BR04C	RMN
	140'			XXDWMM-12.5-65-8T	CBRS LTE	RMN	–	–
	143'	30°	A5	DB846H80E-SX	850 CDMA	RMN	–	–
BETA	143'	150°	B1	DB846H80E-SX	850 CDMA	RMN	–	–
			B2	(2) JAHH-65B-R3B	700/850/1900/ 2100 LTE/5G	RMN	CBC78T-DS-43-2X B2/B66A RRH-BR049	RMN RMN
	143.4'		B3	MT6407-77A	5G	RMN	B5/B13 RRH-BR04C	RMN
	140'		B3	XXDWMM-12.5-65-8T	CBRS LTE	RMN	–	–
	143'		B4	DB846H80E-SX	850 CDMA	RMN	–	–
GAMMA	143'	270°	C1	DB846H80E-SX	850 CDMA	RMN	–	–
			C2	(2) JAHH-65B-R3B	700/850/1900/ 2100 LTE/5G	RMN	CBC78T-DS-43-2X B2/B66A RRH-BR049	RMN RMN
	143.4'		C3	MT6407-77A	5G	RMN	B5/B13 RRH-BR04C	RMN
	140'		C3	XXDWMM-12.5-65-8T	CBRS LTE	RMN	–	–
	143'		C4	DB846H80E-SX	850 CDMA	RMN	–	–

NOTES

1. CONFIRM WITH VERIZON REP FOR APPLICABLE UPDATES/REVISIONS AND MOST RECENT RFDS FOR NSN CONFIGURATION (CONFIG). GC TO CAP ALL UNUSED PORTS.
2. CONFIRM SPACING OF PROPOSED EQUIP DOES NOT CAUSE TOWER CONFLICTS NOR IMPEDE TOWER CLIMBING PEGS.

STATUS ABBREVIATIONS

RMV: TO BE REMOVED
RMN: TO REMAIN
REL: TO BE RELOCATED
ADD: TO BE ADDED

CABLE LENGTHS FOR JUMPERS

JUNCTION BOX TO RRU: 15'
RRU TO ANTENNA: 10'

FINAL ANTENNA SCHEDULE

LOCATION			ANTENNA SUMMARY				NON ANTENNA SUMMARY	
SECTOR	RAD	AZ	POS	ANTENNA	BAND	STATUS	ADDITIONAL TOWER MOUNTED EQUIPMENT	STATUS
ALPHA	143'	30°	A1	DB846H80E-SX	850 CDMA	RMN	–	–
			A2	–	–	–	–	–
		10°	A3	(2) JAHH-65B-R3B	700/850/1900/ 2100 LTE/5G	RMN	(2) KA-6030 CBC78T-DS-43-2X B2/B66A RRH-BR049	ADD RMN RMN
	143.4'			MT6407-77A	5G	RMN	B5/B13 RRH-BR04C	RMN
	140'		A4	XXDWMM-12.5-65-8T	CBRS LTE	RMN	–	–
	143'	30°	A5	DB846H80E-SX	850 CDMA	RMN	–	–
BETA	143'	150°	B1	DB846H80E-SX	850 CDMA	RMN	–	–
			B2	(2) JAHH-65B-R3B	700/850/1900/ 2100 LTE/5G	RMN	(2) KA-6030 CBC78T-DS-43-2X B2/B66A RRH-BR049	ADD RMN RMN
	143.4'		B3	MT6407-77A	5G	RMN	B5/B13 RRH-BR04C	RMN
	140'		B3	XXDWMM-12.5-65-8T	CBRS LTE	RMN	–	–
	143'		B4	DB846H80E-SX	850 CDMA	RMN	–	–
GAMMA	143'	270°	C1	DB846H80E-SX	850 CDMA	RMN	–	–
			C2	(2) JAHH-65B-R3B	700/850/1900/ 2100 LTE/5G	RMN	CBC78T-DS-43-2X B2/B66A RRH-BR049	RMN RMN
	143.4'		C3	MT6407-77A	5G	RMN	B5/B13 RRH-BR04C	RMN
	140'		C3	XXDWMM-12.5-65-8T	CBRS LTE	RMN	–	–
	143'		C4	DB846H80E-SX	850 CDMA	RMN	–	–

EXISTING FIBER DISTRIBUTION/OVP BOX		EXISTING CABLING SUMMARY	
MODEL NUMBER	STATUS	CABLE QTY, SIZE, TYPE	STATUS
DB-C1-12C-24AB-0Z	RMN	(6) 1 5/8" COAX, (1) 1/2" COAX, & (2) 1 5/8" HYBRIFLEX	RMN
–	RMV	----	RMV

FINAL FIBER DISTRIBUTION / OVP BOX		FINAL CABLING SUMMARY	
MODEL NUMBER	STATUS	CABLE QTY, SIZE, TYPE	STATUS
DB-C1-12C-24AB-0Z	RMN	(6) 1 5/8" COAX, (1) 1/2" COAX, & (2) 1 5/8" HYBRIFLEX	RMN
-	ADD	----	ADD

3 EQUIPMENT SCHEDULES

AMERICAN TOWER®
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REV.	DESCRIPTION	BY	DATE
0	FOR CONSTRUCTION	JBW	09/28/23

ATC SITE NUMBER:
302518
ATC SITE NAME:
NEWTOWN CT 3
VERIZON SITE NAME:
HAWLEYVILLE CT
SITE ADDRESS:
25 MERIDIAN RIDGE DRIVE
NEWTOWN,CT 06470

SEAL:

Digitally Signed: 2023-09-29

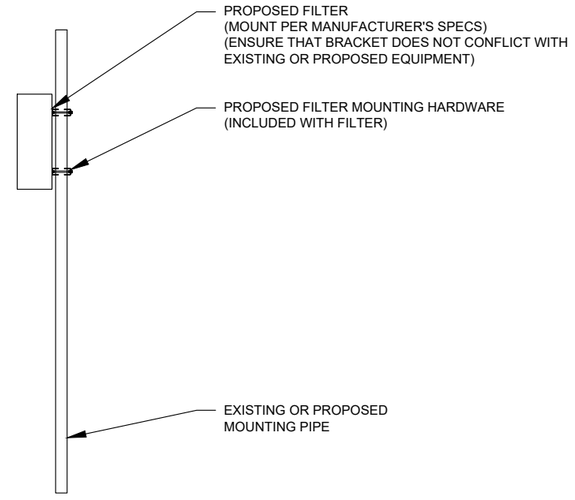
verizon

ATC JOB NO:	14519442_G0
CUSTOMER ID:	HAWLEYVILLE CT
CUSTOMER #:	5000385799

ANTENNA INFORMATION & SCHEDULE

SHEET NUMBER:	REVISION:
C-101	0

EXISTING/PROPOSED MOUNTS AND/OR MOUNT MODIFICATIONS NOT SHOWN FOR CLARITY. REFER TO ANTENNA PLANS, MOUNT ANALYSES AND/OR MOUNT MODIFICATION DOCUMENTS FOR ADDITIONAL DETAIL.



1 PROPOSED FILTER MOUNTING DETAIL - TYPICAL

SCALE: N.T.S.

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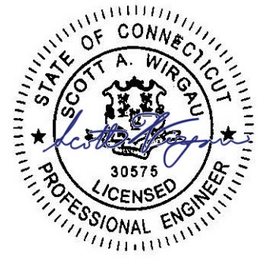
25 MERIDIAN RIDGE DRIVE
NEWTOWN,CT 06470

SEAL:



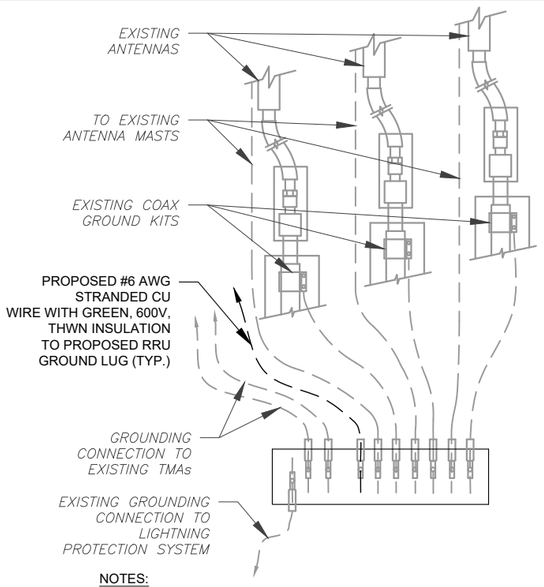
Digitally Signed: 2023-09-29

verizon

ATC JOB NO:	14519442_G0
CUSTOMER ID:	HAWLEYVILLE CT
CUSTOMER #:	5000385799

CONSTRUCTION DETAILS

SHEET NUMBER:	REVISION:
C-101	0

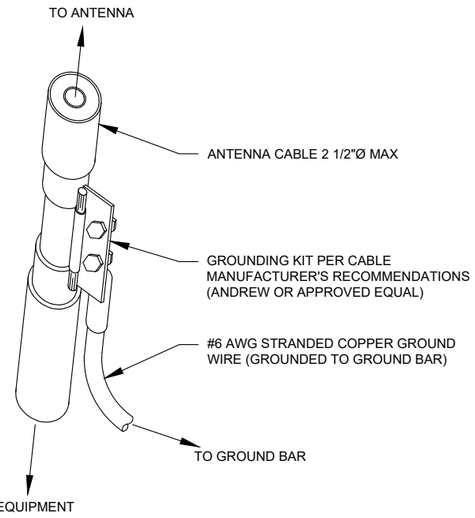


NOTES:

1. THIS DETAIL IS INTENDED TO SHOW THE GENERAL GROUNDING REQUIREMENTS. SLIGHT ADJUSTMENTS MAY BE REQUIRED BASED ON EXISTING SITE CONDITIONS. THE CONTRACTOR SHALL MAKE FIELD ADJUSTMENTS AS NEEDED AND INFORM THE CONSTRUCTION MANAGER OF ANY CONFLICTS.
2. SITE GROUNDING SHALL COMPLY WITH VERIZON GROUNDING STANDARDS, LATEST EDITION, AND COMPLY WITH VERIZON GROUNDING CHECKLIST, LATEST VERSION. WHEN NATIONAL AND LOCAL GROUNDING CODES ARE MORE STRINGENT THEY SHALL GOVERN.

1 TYPICAL ANTENNA GROUNDING DIAGRAM

SCALE: N.T.S.

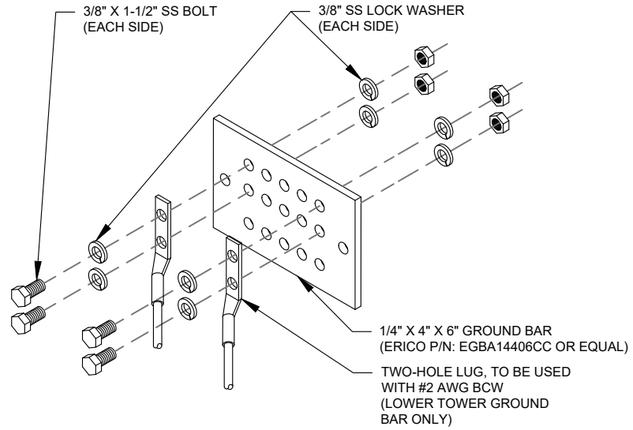


GROUND KIT NOTES:

1. DO NOT INSTALL CABLE GROUND KIT AT A BEND AND ALWAYS DIRECT GROUND WIRE DOWN TO GROUND BAR.
2. CONTRACTOR SHALL PROVIDE WEATHERPROOFING KIT (ANDREW PART NUMBER 221213) AND INSTALL/TAPE PER MANUFACTURER'S SPECIFICATIONS.

2 CABLE GROUND KIT CONNECTION DETAIL

SCALE: N.T.S.



GROUND BAR NOTES:

1. GROUND BAR KITS COME WITH ALL HARDWARE, NUTS, BOLTS, WASHERS, ETC. EXCEPT THE STRUCTURAL MOUNTING MEMBER(S).
2. GROUND BAR TO BE BONDED DIRECTLY TO TOWER.

3 TOWER GROUND BAR DETAIL

SCALE: N.T.S.

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A.T. ENGINEERING SERVICES LLC
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CARY, NC 27518
PHONE: (919) 468-0112
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REV.	DESCRIPTION	BY	DATE
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ATC SITE NUMBER:
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ATC SITE NAME:
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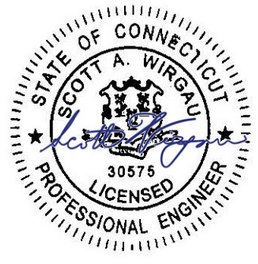
SITE ADDRESS:
25 MERIDIAN RIDGE DRIVE
NEWTOWN,CT 06470

SEAL:



Digitally Signed: 2023-09-29

verizon

ATC JOB NO:	14519442_G0
CUSTOMER ID:	HAWLEYVILLE CT
CUSTOMER #:	5000385799

GROUNDING DETAILS

SHEET NUMBER:	REVISION:
C-101	0

Colliers Engineering & Design CT, P.C.
1055 Washington Boulevard
Stamford, CT 06901
203.324.0800
peter.albano@collierseng.com

Antenna Mount Analysis Report and PMI Requirements

Mount ReAnalysis

SMART Tool Project #: 10207602
Colliers Engineering & Design CT, P.C. Project #: 23777176

July 24, 2023

Site Information

Site ID:	*5000385799-VZW / HAWLEYVILLE CT*
Site Name:	*HAWLEYVILLE CT*
Carrier Name:	*Verizon Wireless*
Address:	*6 Fairfield Dr.* *Newtown, Connecticut 06470* *Fairfield County*
Latitude:	*41.425528°*
Longitude:	*-73.374047°*

Structure Information

Tower Type:	*151-Ft Monopole*
Mount Type:	*10.67-Ft Platform*

FUZE ID # 17123980

Analysis Results

Platform: **81.0% Pass***

***Antennas and equipment to be installed in compliance with PMI Requirements of this mount analysis.**

******Contractor PMI Requirements*:**
Included at the end of this MA report
Available & Submitted via portal at https://pmi.vzwsmart.com

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

Report Prepared By: Cody Sherman

Digitally signed by Derek Hartzell
Date: 2023.07.24 11:59:32-07'00'

STATE OF CONNECTICUT · DEREK R. HARTZELL · 32748 · LICENSED PROFESSIONAL ENGINEER

1 MOUNT ANALYSIS

Requirements:

The existing mount is **SUFFICIENT** for the final loading configuration shown in attachment 2 and do not require modifications. Additional requirements are noted below.

Install (4) KA-6030 filters to the support rails of the Alpha and Beta sectors (2 filters per sector).

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

Attachments:

1. **Contractor Required Post Installation Inspection (PMI) Report Deliverables**
2. Antenna Placement Diagrams
3. Mount Photos
4. Mount Mapping Report (for reference only)
5. Analysis Calculations

NOTE: THIS SHEET WAS CREATED BY OTHERS AND PROVIDED AT THE REQUEST OF THE CUSTOMER WITHOUT EDIT. PLEASE REFERENCE THE MOUNT ANALYSIS REPORT FOR COMPLETE MOUNT ANALYSIS CALCULATIONS AND DETAILS. SUPPLEMENTAL PAGES INCLUDED IN THE CONSTRUCTION DRAWINGS ARE FOR REFERENCE ONLY. GENERAL CONTRACTOR IS TO VERYIFY THEY HAVE THE MOST RECENT MOUNT ANALYSIS PRIOR TO CONTRUCTION.

SUPPLEMENTAL

SHEET NUMBER:	REVISION:
C-101	0

KA-6030

TWIN BANDSTOP 900MHZ INTERFERENCE MITIGATION FILTER

The KA-6030 is ideal for co-located 700, 850 and 900 networks. Utilising a 2.6MHz guardband the KA-6030 provides rejection of the 900 UL band while passing 700/850 UL and DL bands. Capable of being used in an outdoor environment the KA-6030 contains two identical bandstop filters, suitable for 2x2 MIMO configuration, offering excellent insertion loss, group delay and rejection.

FEATURES

- Passes full 700 and 850 bands
- Low insertion loss
- Rejection of 900MHz uplink
- DC/AISG pass
- Twin unit
- Dual twin mounting available

TECHNICAL SPECIFICATIONS

BAND NAME	700 PATH / 850 UPLINK PATH	850 DOWNLINK PATH
Passband	698 - 849MHz	869 - 891.5MHz
Insertion loss	0.1dB typical / 0.3dB maximum	0.5dB typical, 1.45dB maximum
Return loss	24dB typical, 18dB minimum	
Maximum input power (Per Port)	100W average	200W average and 66W per 5MHz
Rejection	53dB minimum @ 894.1 - 896.5MHz	

ELECTRICAL	
Impedance	50Ohms
Intermodulation products	-160dBc maximum in UL Band (assuming 20MHz Signal), with 2 x 43dBm carriers -153dBc maximum with 2 x 43dBm

DC / AISG	
Passband	0 - 13MHz
Insertion loss	0.3dB maximum
Return loss	15dB minimum
Input voltage range	± 33V
DC current rating	2A continuous, 4A peak
Compliance	3GPP TS 25.461

ENVIRONMENTAL	
For further details of environmental compliance, please contact Kaelus.	
Temperature range	-20ºC to +60ºC | -4°F to +140°F
Ingress protection	IP67
Altitude	2600m | 8530ft
Lightning protection	RF port: ±5kA maximum (8/20us), IEC 61000-4-5 – Unit must be terminated with some lightning protection circuits.
MTBF	>1,000,000 hours
Compliance	ETSI EN 300 019 class 4.1H, RoHS, NEBS GR-487-CORE

MECHANICAL	
Dimensions H x D x W	269 x 277 x 80mm | 10.60 x 10.90 x 3.15in (Excluding brackets and connectors)
Weight	8.0 kg | 17.6 lbs (no bracket)
Finish	Powder coated, light grey (RAL7035)
Connectors	RF: 4.3-10 (F) x 4
Mounting	Optional pole/wall bracket supplied with two metal clamps 45-178mm diameter poles or custom bracket. See ordering information.

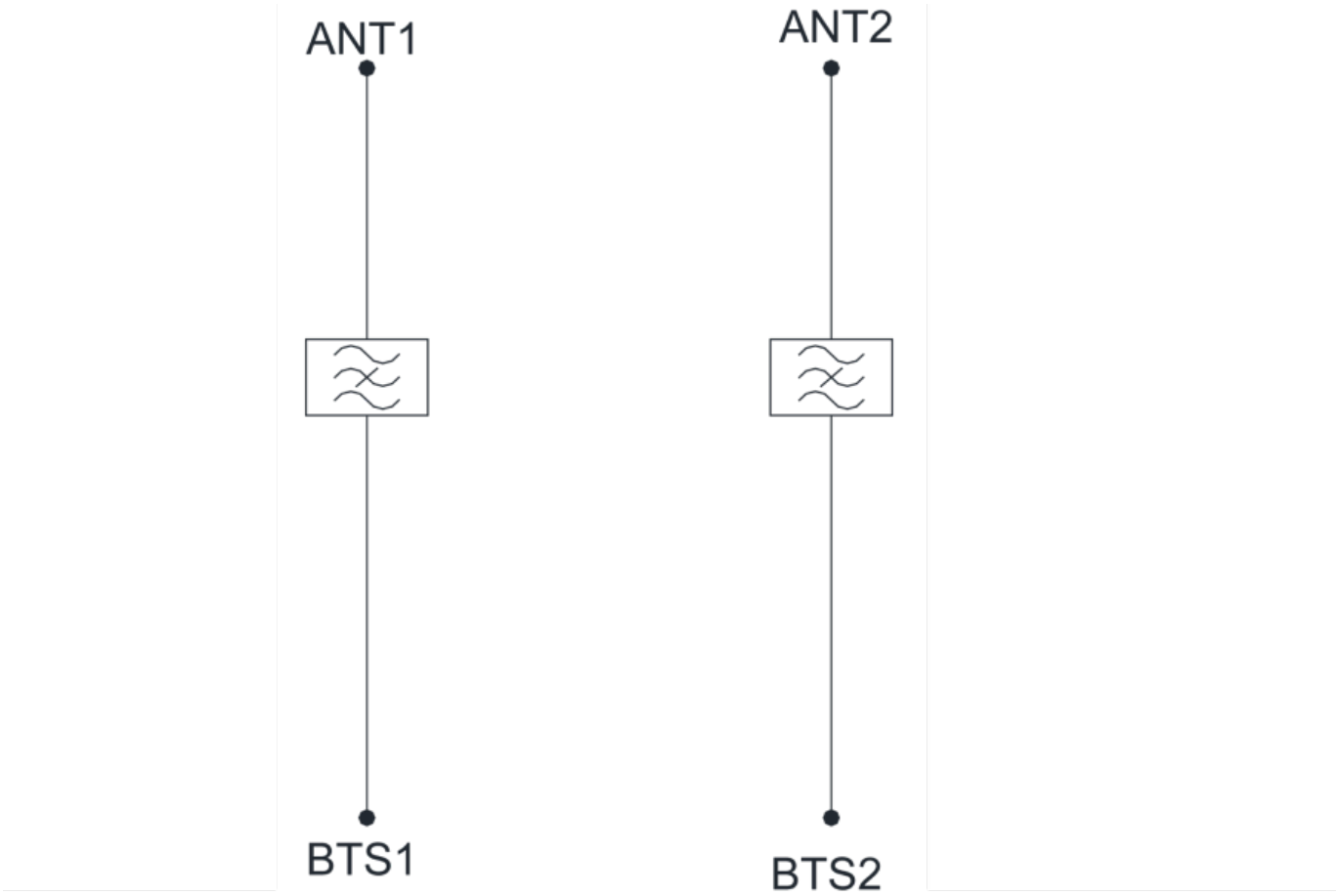
Contact Us: +1 303 768 8080 | +61 (0) 7 3907 1200 | www.kaelus.com

ORDERING INFORMATION

PART NUMBER	CONFIGURATION	OPTIONAL FEATURES	CONNECTORS
KA-6030-2032	TWIN, 2 in / 2 out	DC/AISG PASS	4.3-10 (F)

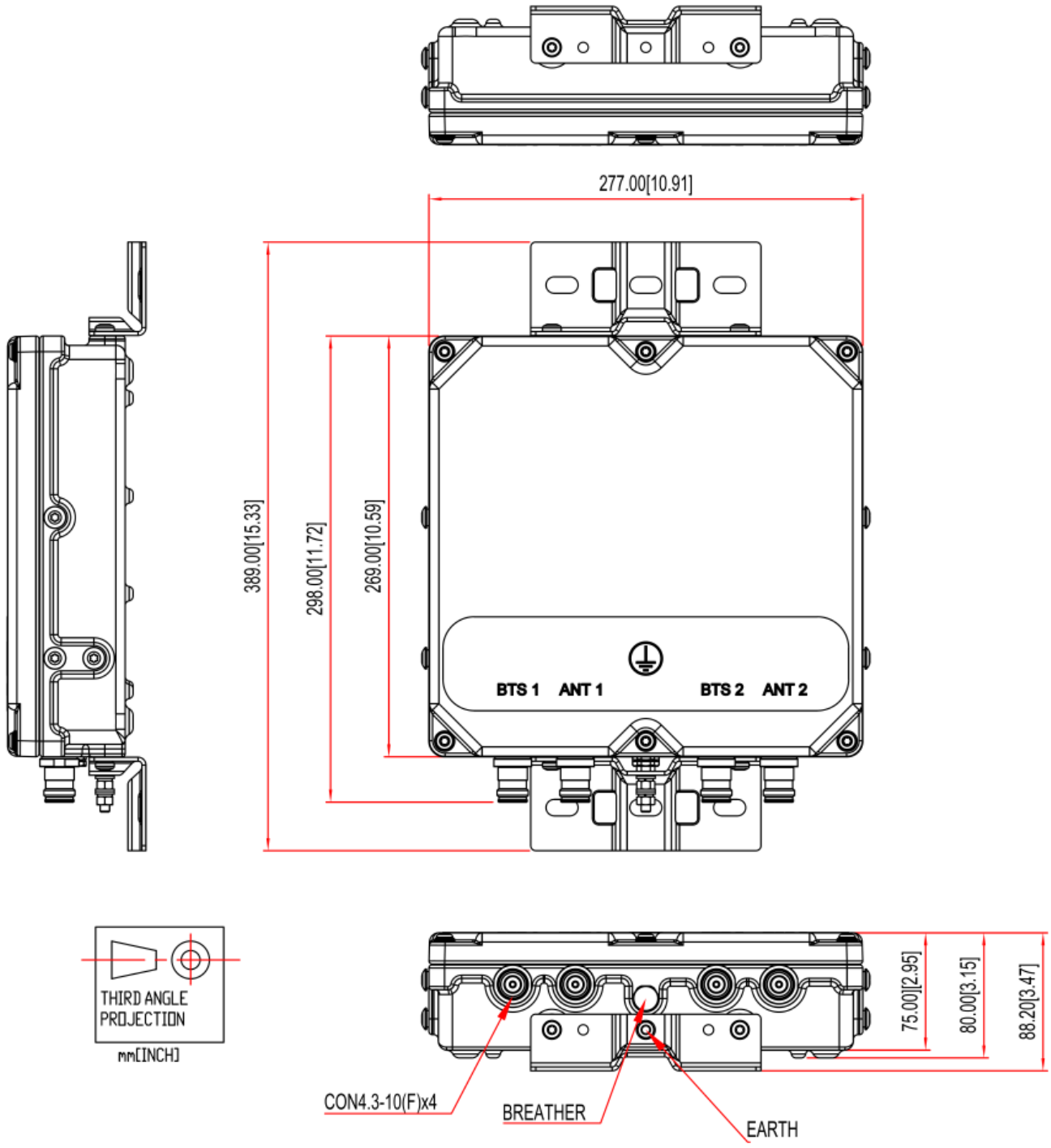
Contact Us: +1 303 768 8080 | +61 (0) 7 3907 1200 | www.kaelus.com

ELECTRICAL BLOCK DIAGRAM



Contact Us: +1 303 768 8080 | +61 (0) 7 3907 1200 | www.kaelus.com

MECHANICAL BLOCK DIAGRAM



Contact Us: +1 303 768 8080 | +61 (0) 7 3907 1200 | www.kaelus.com

EXHIBIT 2

25 MERIDIAN RIDGE DRIVE

Location	25 MERIDIAN RIDGE DRIVE	**M/B/L**	2/ 9/ 1.23/C /
Acct#	00141100C	**Owner**	MACRICOSTAS CONSTANTINE
Assessment	$390,790	**Appraisal**	$558,280
PID	15196	**Building Count**	1

Current Value

Appraisal			
Valuation Year	**Improvements**	**Land**	**Total**
2022	$174,280	$384,000	$558,280
Assessment			
Valuation Year	**Improvements**	**Land**	**Total**
2022	$121,990	$268,800	$390,790

Owner of Record

Owner	MACRICOSTAS CONSTANTINE	**Sale Price**	$0
Co-Owner	C/O PROPERTY TAX DEPT	**Book & Page**	0713/0565
Address	P.O. BOX 723597 ATLANTA, GA 31139	**Sale Date**	06/20/2002

Ownership History

Ownership History			
Owner	**Sale Price**	**Book & Page**	**Sale Date**
MACRICOSTAS CONSTANTINE	$0	0713/0565	06/20/2002

Building Information

Building 1 : Section 1

Year Built:
Living Area: 0

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

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

Building Photo

(https://images.vgsi.com/photos/NewtownCTPhotos//\00\02\10\12.jpg)

Building Layout

Building Layout (ParcelSketch.ashx?pid=15196&bid=20556)

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	4310
Description	CELL SITE
Zone	R-1
Neighborhood	
Alt Land Appr	No
Category	

Land Line Valuation

Size (Acres)	0.00
Frontage	
Depth	
Assessed Value	$268,800
Appraised Value	$384,000

Outbuildings

Outbuildings						Legend
Code	**Description**	**Sub Code**	**Sub Description**	**Size**	**Value**	**Bldg #**
CELL	Cell Tower			1.00 Units	$140,000	1
SHD4	Cellular Shed			552.00 S.F.	$11,260	1
SHD4	Cellular Shed			405.00 S.F.	$8,260	1
FN1	Fence			300.00 L.F.	$1,260	1
GN30	30Kw GEN	COM	COM	1.00 UNITS	$13,500	1

Valuation History

Appraisal			
Valuation Year	**Improvements**	**Land**	**Total**
2022	$174,280	$384,000	$558,280
2021	$114,310	$360,000	$474,310
2020	$114,310	$360,000	$474,310

Assessment			
Valuation Year	**Improvements**	**Land**	**Total**
2022	$121,990	$268,800	$390,790
2021	$80,020	$252,000	$332,020
2020	$80,020	$252,000	$332,020

EXHIBIT 3

AMERICAN TOWER®
CORPORATION

Structural Analysis Report

Structure	:	152 ft Monopole
ATC Asset Name	:	Newtown CT 3
ATC Asset Number	:	302518
Engineering Number	:	14536383_C3_01
Proposed Carrier	:	VERIZON WIRELESS
Carrier Site Name	:	Hawleyville CT
Carrier Site Number	:	5000385799
Site Location	:	25 Meridian Ridge Drive Newtown, CT 06470-1216 41.4255° N, 73.3741° W
County	:	Fairfield
Date	:	September 8, 2023
Max Usage	:	62%
Analysis Result	:	Pass

COA: PEC.0001553

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Introduction

The purpose of this report is to summarize results of a structural analysis performed on the 152 ft Monopole tower to reflect the change in loading by VERIZON WIRELESS.

Supporting Documents

Tower:	EEI Job #8238 Rev 2, dated January 30, 2001
Foundation:	EEI Job #8238, dated November 17, 2000
Geotechnical:	Soiltesting Project #G128-5268-98, dated September 8, 1999
Modification:	EFI Globals for ATC Job #049.02279 – 2110451, dated September 27, 2021

Analysis

The tower was analyzed using American Tower Corporation's tower analysis software. This program considers an elastic three-dimensional model and second-order effects per ANSI/TIA-222.

Basic Wind Speed:	115 mph (3-second gust)
Basic Wind Speed w/ Ice:	50 mph (3-second gust) w/ 1.00" radial ice concurrent
Code(s):	ANSI/TIA-222-H / 2021 IBC / 2022 Connecticut State Building Code
Exposure Category:	B
Risk Category:	II
Topographic Factor Procedure:	Method 1
Topographic Category:	1
Spectral Response:	Ss = 0.21, S_1 = 0.06
Site Class:	D - Stiff Soil - Default

Conclusion

Based on the analysis results, the structure meets the requirements per the applicable codes listed above. The tower and foundation can support the equipment as described in this report.

If you have any questions or require additional information, please reach out to your American Tower contact. If you do not have an American Tower contact and have an Engineering question, please contact **Engineering@americantower.com** Please include the American Tower asset name, asset number, and engineering number in the subject line for any questions.

Structure Usages

Structural Component	Usage	Control	Result
Pole Shaft	62.9%	1.2D + 1.0W	Pass
Serviceability Usage	37.2%	1.0D + 1.0W	Pass
Base Plate @ 0.0 ft	49.1%	Rods	Pass
Mat & Pier	40.8%	Moment [Soil]	Pass

Maximum Reactions

Foundation	Moment (k-ft)	Axial (k)	Shear (k)
Monopole Base	2,868.1	53.2	24.7

Reactions shown reflect the results from the Load Case with maximum Moment

Structure base reactions were analyzed using available geotechnical and foundation information.

VERIZON WIRELESS Final Loading

Elev (ft)	Qty	Equipment	Lines
146.0	1	2" x 4" GPS	(2) 1 5/8" Hybriflex (1) 1/2" Coax
	1	RFS DB-C1-12C-24AB-0Z	
	3	Commscope CBC78T-DS-43-2X	
143.0	6	Andrew DB846H80E-SX	(6) 1 5/8" Coax
	6	Commscope JAHH-65B-R3B	
141.0	1	Platform with Handrails	-
140.0	3	Samsung B2/B66A RRH-BR049	-
	3	Samsung B5/B13 RRH-BR04C	
	3	Samsung MT6407-77A	
	3	Samsung XXDWMM-12.5-65-8T-CBRS	
	4	Kaelus KA-6030	

Other Existing/Reserved Loading

Elev (ft)	Qty	Equipment	Lines	Carrier
160.1	1	15' Omni	-	SPOK HOLDINGS, INC.
152.0	1	Raycap DC6-48-60-18-8C	(2) 0.39" (10mm) Fiber Trunk (6) 0.78" (19.7mm) 8 AWG 6 (12) 1 5/8" Coax (3) 2" conduit	AT&T MOBILITY
	1	Raycap DC6-48-60-18-8C-EV		
	1	Raycap DC6-48-60-18-8F		
	3	CCI DTMABP7819VG12A		
	3	Ericsson RRUS 4415 B30		
	3	Ericsson RRUS 4449 B5, B12		
	3	Ericsson RRUS 4478 B14		
	3	Ericsson RRUS-12 1900 MHz		
	3	Powerwave Allgon 7770.00		
	6	Kathrein Scala 80010965		
	6	Powerwave Allgon LGP21401		
	6	Powerwave Allgon LGP21901		
	12	Powerwave Allgon 7020.00 Dual Band RET		
149.0	1	Site Pro 1 RMQP-496-HK	-	AT&T MOBILITY
134.0	1	Platform with Handrails	(3) 1 1/4" (1.25"- 31.8mm) Fiber (1) 1.99" (50.7mm) Hybrid	T-MOBILE
	3	Ericsson 4460 BAND 2/25		
	3	Ericsson Air6449 B41		
	3	Ericsson Radio 4449 B71 B85A		
	3	RFS APXVAARR24_43-U-NA20		
121.0	1	Commscope RDIDC-9181-PF-48	(1) 1.75" (44.5mm) Hybrid	DISH WIRELESS L.L.C.
	1	Platform with Handrails		
	3	Fujitsu TA08025-B604		
	3	Fujitsu TA08025-B605		
	3	JMA Wireless MX08FRO665-21		

(If table breaks across pages, please see previous page for data in merged cells)

Standard Conditions

All engineering services performed by A.T. Engineering Services LLC are prepared on the basis that the information used is current and correct. This information may consist of, but is not limited to the following:

- Information supplied by the client regarding antenna, mounts, and feed line loading
- Information from drawings, design and analysis documents, and field notes in the possession of A.T. Engineering Services LLC

It is the responsibility of the client to ensure that the information provided to A.T. Engineering Services LLC and used in the performance of our engineering services is correct and complete.

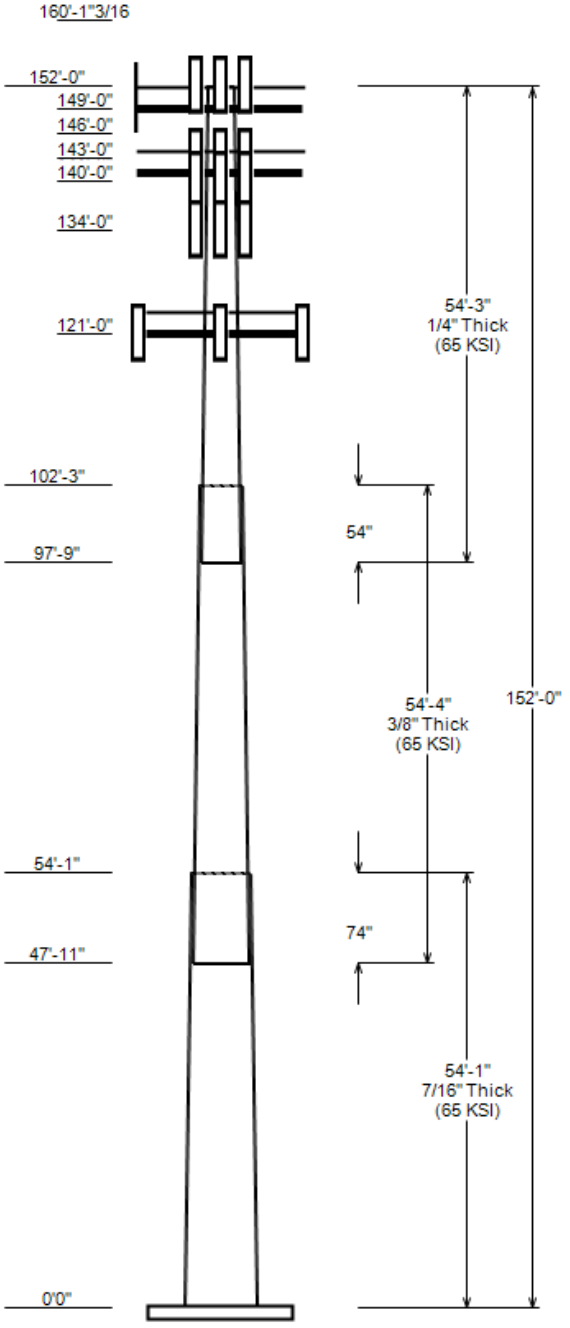
All assets of American Tower Corporation, its affiliates, and subsidiaries (collectively "American Tower") are inspected at regular intervals. Based upon these inspections and in the absence of information to the contrary, American Tower assumes that all structures were constructed in accordance with the drawings and specifications.

Unless explicitly agreed by both the client and A.T. Engineering Services LLC, all services will be performed in accordance with the current revision of ANSI/TIA-222.

All services are performed, results obtained, and recommendations made in accordance with generally accepted engineering principles and practices. A.T. Engineering Services LLC is not responsible for the conclusions, opinions and recommendations made by others based on the information supplied herein.

ANALYSIS PARAMETERS

Nominal Wind:	115 mph	**Ice Wind:**	50 mph w/ 1" ice	**Service Wind:**	60 mph
Risk Category:	II	**Exposure:**	B	**S_s:** 0.214	**S_1:** 0.055
Topo Category:	1	**Topo Factor:**	Method 1	**Topo Feature:**	
Structure Height:	152 ft	**Base Elevation:**	0.00 ft	**Structure Type:**	Taper
Base Diameter:	56.75 in	**Base Rotation:**	0°	**Taper:**	0.2680 (in/ft)



POLE SECTION PROPERTIES

Section	Length (ft)	Flat Diameter (in) Top	Flat Diameter (in) Bottom	Thick (in)	Joint Type	Joint Length (in)	Pole Shape	Yield Strength (ksi)
1	54.083	42.25	56.75	0.438		0.000	18 Sides	65
2	54.333	30.09	44.65	0.375	Slip Joint	74.000	18 Sides	65
3	54.250	17.25	31.79	0.250	Slip Joint	54.000	18 Sides	65

DISCRETE APPURTENANCE

Elev (ft)	Description
160.1	(1) Generic 15' Omni
152.0	(6) Powerwave Allgon LGP21901
152.0	(12) Powerwave Allgon 7020.00 Dual
152.0	(3) CCI DTMABP7819VG12A
152.0	(6) Powerwave Allgon LGP21401
152.0	(1) Raycap DC6-48-60-18-8F
152.0	(3) Ericsson RRUS 4415 B30
152.0	(3) Ericsson RRUS 4449 B5, B12
152.0	(3) Ericsson RRUS 4478 B14
152.0	(1) Raycap DC6-48-60-18-8C
152.0	(3) Ericsson RRUS-12 1900 MHz
152.0	(1) Raycap DC6-48-60-18-8C-EV
152.0	(3) Powerwave Allgon 7770.00
152.0	(6) Kathrein Scala 80010965
149.0	(1) Site Pro 1 RMQP-496-HK
146.0	(1) Generic 2" x 4" GPS
146.0	(3) Commscope CBC78T-DS-43-2X
146.0	(1) RFS DB-C1-12C-24AB-0Z
143.0	(6) Andrew DB846H80E-SX
143.0	(6) Commscope JAHH-65B-R3B
141.0	(1) Generic Flat Platform with Han
140.0	(4) Kaelus KA-6030
140.0	(3) Samsung XXDWMM-12.5-65-8T-CBRS
140.0	(3) Samsung B5/B13 RRH-BR04C
140.0	(3) Samsung B2/B66A RRH-BR049
140.0	(3) Samsung MT6407-77A
134.0	(3) Ericsson Radio 4449 B71 B85A
134.0	(3) Ericsson 4460 BAND 2/25
134.0	(3) Ericsson Air6449 B41
134.0	(3) RFS APXVAARR24_43-U-NA20
134.0	(1) Flat Platform with Round Handr
121.0	(1) Commscope RDIDC-9181-PF-48
121.0	(3) Fujitsu TA08025-B604
121.0	(3) Fujitsu TA08025-B605
121.0	(3) JMA Wireless MX08FRO665-21
121.0	(1) Generic Flat Platform with Han

LINEAR APPURTENANCE

Elev To (ft)	Description
152.0	(3) 2" conduit
152.0	(12) 1 5/8" Coax
152.0	(6) 0.78" (19.7mm) 8 AWG 6
152.0	(2) 0.39" (10mm) Fiber Trunk
151.0	(1) 7/8" Coax
146.0	(1) 1/2" Coax
146.0	(2) 1 5/8" Hybriflex
143.0	(6) 1 5/8" Coax
134.0	(1) 1.99" (50.7mm) Hybrid
134.0	(2) 1 1/4" (1.25"- 31.8mm) Fiber
134.0	(1) 1 1/4" (1.25"- 31.8mm) Fiber
121.0	(1) 1.75" (44.5mm) Hybrid

GLOBAL BASE REACTIONS

Load Case	Moment (kip-ft)	Axial (kip)	Shear (kip)
1.2D + 1.0W	2868.11	53.24	24.66
0.9D + 1.0W	2828.58	39.92	24.64
1.2D + 1.0Di + 1.0Wi	921.10	76.45	7.94
1.2D + 1.0Ev + 1.0Eh	175.22	53.41	1.33
0.9D - 1.0Ev + 1.0Eh	172.01	36.63	1.33
1.0D + 1.0W	692.78	44.39	6.00

ANALYSIS PARAMETERS

Location:	Fairfield County,CT	**Height:**	152 ft
Type and Shape:	Taper, 18 Sides	**Base Diameter:**	56.75 in
Manufacturer:	EEI	**Top Diameter:**	17.25 in
K_d (non-service):	0.95	**Taper:**	0.2680 in/ft
K_e:	0.98	**Rotation:**	0.000º

ICE & WIND PARAMETERS

Risk Category:	II	**Design Wind Speed:**	115 mph
Exposure Category:	B	**Design Wind Speed w/ Ice:**	50 mph
Topo Factor Procedure:	Method 1	**Design Ice Thickness:**	1.00 in
Topographic Category:	1	**Service Wind Speed:**	60 mph
Crest Height:	0 ft	**HMSL:**	426.00 ft

SEISMIC PARAMETERS

Analysis Method:	Equivalent Lateral Force Method				
Site Class:	D - Stiff Soil		**Period Based on Rayleigh Method (sec):**		2.61
T_L (sec):	6	**P:**	1	**$C_{s:}$**	0.030
$S_{s:}$	0.214	**$S_{1:}$**	0.055	**C_s Max:**	0.030
$F_{a:}$	1.600	**$F_{v:}$**	2.400	**C_s Min:**	0.030
$S_{ds:}$	0.228	**$S_{d1:}$**	0.088		

LOAD CASES

1.2D + 1.0W	115 mph Wind with No Ice
0.9D + 1.0W	115 mph Wind with No Ice (Reduced DL)
1.2D + 1.0Di + 1.0Wi	50 mph Wind with 1" Radial Ice
1.2D + 1.0Ev + 1.0Eh	Seismic
0.9D - 1.0Ev + 1.0Eh	Seismic (Reduced DL)
1.0D + 1.0W	60 mph Wind with No Ice

SHAFT SECTION PROPERTIES

							Bottom						Top						
Section	Length (ft)	Thick (in)	Fy (ksi)	Joint Type	Joint Len (in)	Weight (lb)	Dia (in)	Elev (ft)	Area (in^2)	Ix (in^4)	W/t Ratio	D/t Ratio	Dia (in)	Elev (ft)	Area (in^2)	Ix (in^4)	W/t Ratio	D/t Ratio	Taper (in/ft)
1-18	54.08	0.4375	65		0.00	12,538	56.75	-0.003	78.19	31,328.3	21.46	129.71	42.25	54.08	58.06	12,825.	15.62	96.57	0.2681
2-18	54.33	0.3750	65	Slip	74.00	8,141	44.65	47.917	52.70	13,054.7	19.59	119.08	30.09	102.25	35.36	3,944.6	12.74	80.23	0.2681
3-18	54.25	0.2500	65	Slip	54.00	3,555	31.79	97.750	25.03	3,146.6	21.01	127.18	17.25	152.00	13.49	492.5	10.76	69.00	0.2681
			Total Shaft Weight			**24,234**													

DISCRETE APPURTENANCE PROPERTIES

					No Ice			Ice		
Attach Elev (ft)	Description	Qty	Ka	Vert Ecc (ft)	Weight (lb)	EPAa (sf)	Orientation Factor	Weight (lb)	EPAa (sf)	Orientation Factor
160.10	Generic 15' Omni	1	1.00	0.000	40.00	4.500	1.00	115.63	8.071	1.00
152.00	Kathrein Scala 80010965	6	0.75	0.000	97.60	13.814	0.62	275.82	15.853	0.62
152.00	Raycap DC6-48-60-18-8C-EV	1	0.75	0.000	16.00	4.788	1.00	102.32	5.771	1.00
152.00	Powerwave Allgon 7770.00	3	0.75	0.000	35.00	5.508	0.65	110.99	6.929	0.65
152.00	Ericsson RRUS-12 1900 MHz	3	0.75	0.000	60.00	2.700	0.67	109.57	3.418	0.67
152.00	Raycap DC6-48-60-18-8C	1	0.75	0.000	16.00	2.030	1.00	54.92	2.538	1.00
152.00	Ericsson RRUS 4478 B14	3	0.75	0.000	59.40	2.021	0.67	100.42	2.652	0.67
152.00	Ericsson RRUS 4449 B5, B12	3	0.75	0.000	71.00	1.969	0.50	114.08	2.593	0.50
152.00	Ericsson RRUS 4415 B30	3	0.75	0.000	46.00	1.842	0.50	78.78	2.442	0.50
152.00	Raycap DC6-48-60-18-8F	1	0.75	0.000	20.00	1.260	1.00	55.20	1.700	1.00
152.00	Powerwave Allgon LGP21401	6	0.75	0.000	14.10	1.104	0.50	30.78	1.581	0.50
152.00	CCI DTMABP7819VG12A	3	0.75	0.000	19.20	0.972	0.50	36.22	1.410	0.50
152.00	Powerwave Allgon 7020.00 Dual	12	0.75	0.000	2.20	0.339	0.50	9.03	0.613	0.50
152.00	Powerwave Allgon LGP21901	6	0.75	0.000	5.50	0.200	0.50	10.63	0.413	0.50
149.00	Site Pro 1 RMQP-496-HK	1	1.00	0.000	1799.00	35.860	1.00	2718.42	52.021	1.00
146.00	RFS DB-C1-12C-24AB-0Z	1	0.75	-0.300	32.00	4.056	1.00	116.64	4.965	1.00
146.00	Commscope CBC78T-DS-43-2X	3	0.75	-0.100	20.70	0.552	0.50	35.41	0.890	0.50
146.00	Generic 2" x 4" GPS	1	0.75	0.700	5.00	0.040	1.00	6.71	0.121	1.00
143.00	Andrew DB846H80E-SX	6	0.75	0.000	16.00	5.867	0.73	113.61	5.785	0.73
143.00	Commscope JAHH-65B-R3B	6	0.75	0.000	60.60	9.113	0.69	195.01	10.956	0.69
141.00	Generic Flat Platform with Han	1	1.00	0.000	2500.00	42.400	1.00	3679.01	56.319	1.00
140.00	Samsung MT6407-77A	3	0.75	0.000	81.60	4.709	0.61	149.10	5.715	0.61
140.00	Samsung B5/B13 RRH-BR04C	3	0.75	0.000	70.30	1.875	0.50	108.18	2.473	0.50
140.00	Samsung B2/B66A RRH-BR049	3	0.75	0.000	84.40	1.875	0.50	126.65	2.473	0.50
140.00	Kaelus KA-6030	4	0.80	0.000	17.60	0.963	0.50	33.21	1.396	0.50
140.00	Samsung XXDWMM-12.5-65-8T-CBRS	3	0.75	0.000	23.10	1.539	0.50	50.57	2.090	0.50
134.00	Flat Platform with Round Handr	1	1.00	0.000	2500.00	34.800	1.00	3648.70	50.790	1.00
134.00	RFS APXVAARR24_43-U-NA20	3	0.75	0.000	127.90	20.243	0.63	386.83	22.689	0.63
134.00	Ericsson Air6449 B41	3	0.75	0.000	104.00	5.682	0.63	193.89	6.729	0.63
134.00	Ericsson 4460 BAND 2/25	3	0.75	0.000	109.00	2.564	0.67	167.30	3.259	0.67
134.00	Ericsson Radio 4449 B71 B85A	3	0.75	0.000	75.00	1.650	0.50	114.66	2.210	0.50
121.00	Generic Flat Platform with Han	1	1.00	0.000	2500.00	42.400	1.00	3661.04	56.107	1.00
121.00	JMA Wireless MX08FRO665-21	3	0.75	0.000	64.50	12.489	0.64	232.48	14.326	0.64
121.00	Fujitsu TA08025-B604	3	0.75	0.000	63.90	1.962	0.50	102.01	2.563	0.50
121.00	Fujitsu TA08025-B605	3	0.75	0.000	75.00	1.962	0.50	115.94	2.563	0.50
121.00	Commscope RDIDC-9181-PF-48	1	0.75	0.000	21.90	1.867	1.00	59.09	2.455	1.00
Totals	**Row Count: 36**	**111**			**14,279.50**			**25,213.22**		

LINEAR APPURTENANCE PROPERTIES

Load Case Azimuth (deg): 0.00

Elev From (ft)	Elev To (ft)	Qty	Description	Diameter (in)	Weight (lb/ft)	Flat	Max/ Row	Distance Between Rows(in)	Distance Between Cols(in)	Azimuth (deg)	Distance From Face (in)	Exposed To Wind	Carrier
0.00	152.00	12	1 5/8" Coax	1.98	0.82	N	6	1.49	1.49	200	1	Y	AT&T MOBILITY
0.00	152.00	6	0.78" (19.7mm) 8 AWG	0.78	0.59	N	0	0	0	0	0	N	AT&T MOBILITY
0.00	152.00	3	2" conduit	2.38	3.65	N	0	0	0	0	0	N	AT&T MOBILITY
0.00	152.00	2	0.39" (10mm) Fiber Tr	0.39	0.06	N	0	0	0	0	0	N	AT&T MOBILITY
0.00	151.00	1	7/8" Coax	1.09	0.33	N	0	0	0	0	0	N	SPOK HOLDINGS, INC.
0.00	146.00	2	1 5/8" Hybriflex	1.98	1.3	N	0	0	0	0	0	N	VERIZON WIRELESS
0.00	146.00	1	1/2" Coax	0.63	0.15	N	0	0	0	0	0	N	VERIZON WIRELESS

LINEAR APPURTENANCE PROPERTIES

Load Case Azimuth (deg): 0.00

Elev From (ft)	Elev To (ft)	Qty	Description	Diameter (in)	Weight (lb/ft)	Flat	Max/ Row	Distance Between Rows(in)	Distance Between Cols(in)	Azimuth (deg)	Distance From Face (in)	Exposed To Wind	Carrier
0.00	143.00	6	1 5/8" Coax	1.98	0.82	N	0	0	0	0	0	N	VERIZON WIRELESS
0.00	134.00	2	1 1/4" (1.25"- 31.8mm	1.25	1.05	N	1	1	1	80	1	Y	T-MOBILE
0.00	134.00	1	1.99" (50.7mm) Hybrid	1.99	1.9	N	1	1	1	80	1	Y	T-MOBILE
0.00	134.00	1	1 1/4" (1.25"- 31.8mm	1.25	1.05	N	1	1	1	80	1	Y	T-MOBILE
0.00	121.00	1	1.75" (44.5mm) Hybrid	1.75	2.72	N	0	0	0	0	0	N	DISH WIRELESS L.L.C.

SEGMENT PROPERTIES

Seg Top Elev (ft)	Description *(Max Length: 5 ft)*	Thick (in)	Flat Dia (in)	Area (in^2)	Ix (in^4)	W/t Ratio	D/t Ratio	F'y (ksi)	S (in^3)	Z (in^3)	Weight (lb)
0.00		0.4375	56.750	78.194	31,328.30	21.46	129.71	76.2	1087.3	0.0	0.0
5.00		0.4375	55.410	76.333	29,143.90	20.92	126.65	76.8	1036.0	0.0	1,314.6
10.00		0.4375	54.069	74.471	27,063.50	20.38	123.59	77.4	985.9	0.0	1,282.9
15.00		0.4375	52.729	72.610	25,084.50	19.84	120.52	78.1	937.0	0.0	1,251.2
20.00		0.4375	51.388	70.749	23,204.50	19.30	117.46	78.7	889.4	0.0	1,219.5
25.00		0.4375	50.048	68.887	21,420.80	18.76	114.39	79.3	843.0	0.0	1,187.9
30.00		0.4375	48.707	67.026	19,730.90	18.22	111.33	80	797.9	0.0	1,156.2
35.00		0.4375	47.367	65.165	18,132.30	17.68	108.27	80.6	754.0	0.0	1,124.5
40.00		0.4375	46.026	63.303	16,622.50	17.14	105.20	81.2	711.3	0.0	1,092.9
45.00		0.4375	44.686	61.442	15,199.00	16.60	102.14	81.9	669.9	0.0	1,061.2
47.92	Bot - Section 2	0.4375	43.904	60.356	14,407.40	16.28	100.35	82.2	646.3	0.0	604.4
50.00		0.4375	43.345	59.581	13,859.10	16.06	99.08	82.5	629.8	0.0	796.4
54.08	Top - Section 1	0.3750	43.001	50.733	11,646.40	18.81	114.67	79.3	533.5	0.0	1,531.3
55.00		0.3750	42.755	50.441	11,446.10	18.69	114.01	79.4	527.3	0.0	157.8
60.00		0.3750	41.414	48.845	10,394.00	18.06	110.44	80.2	494.3	0.0	844.6
65.00		0.3750	40.074	47.250	9,408.40	17.43	106.86	80.9	462.4	0.0	817.5
70.00		0.3750	38.734	45.655	8,487.20	16.80	103.29	81.6	431.6	0.0	790.3
75.00		0.3750	37.393	44.059	7,628.10	16.17	99.71	82.4	401.8	0.0	763.2
80.00		0.3750	36.053	42.464	6,829.10	15.54	96.14	82.6	373.1	0.0	736.0
85.00		0.3750	34.712	40.868	6,087.90	14.91	92.57	82.6	345.4	0.0	708.9
90.00		0.3750	33.372	39.273	5,402.40	14.28	88.99	82.6	318.9	0.0	681.8
95.00		0.3750	32.031	37.677	4,770.40	13.65	85.42	82.6	293.3	0.0	654.6
97.75	Bot - Section 3	0.3750	31.294	36.800	4,444.80	13.30	83.45	82.6	279.8	0.0	348.5
100.00		0.3750	30.691	36.082	4,189.70	13.02	81.84	82.6	268.9	0.0	468.8
102.25	Top - Section 2	0.2500	30.588	24.072	2,799.20	20.16	122.35	77.7	180.2	0.0	459.6
105.00		0.2500	29.850	23.487	2,600.00	19.64	119.40	78.3	171.6	0.0	222.5
110.00		0.2500	28.510	22.423	2,262.50	18.70	114.04	79.4	156.3	0.0	390.6
115.00		0.2500	27.169	21.360	1,955.60	17.75	108.68	80.5	141.8	0.0	372.5
120.00		0.2500	25.829	20.296	1,677.80	16.81	103.32	81.6	127.9	0.0	354.4
121.00		0.2500	25.561	20.083	1,625.60	16.62	102.24	81.9	125.3	0.0	68.7
125.00		0.2500	24.488	19.233	1,427.60	15.86	97.95	82.6	114.8	0.0	267.6
130.00		0.2500	23.148	18.169	1,203.60	14.92	92.59	82.6	102.4	0.0	318.2
134.00		0.2500	22.076	17.318	1,042.30	14.16	88.30	82.6	93.0	0.0	241.5
135.00		0.2500	21.808	17.105	1,004.30	13.97	87.23	82.6	90.7	0.0	58.6
140.00		0.2500	20.467	16.042	828.40	13.02	81.87	82.6	79.7	0.0	282.0
141.00		0.2500	20.199	15.829	795.90	12.84	80.80	82.6	77.6	0.0	54.2
143.00		0.2500	19.663	15.404	733.40	12.46	78.65	82.6	73.5	0.0	106.3
145.00		0.2500	19.127	14.978	674.30	12.08	76.51	82.6	69.4	0.0	103.4
146.00		0.2500	18.859	14.765	646.00	11.89	75.43	82.6	67.5	0.0	50.6
149.00		0.2500	18.054	14.127	565.80	11.32	72.22	82.6	61.7	0.0	147.5
150.00		0.2500	17.786	13.914	540.60	11.13	71.14	82.6	59.9	0.0	47.7
152.00		0.2500	17.250	13.489	492.50	10.76	69.00	82.6	56.2	0.0	93.2
										Total:	**24,234.1**

CALCULATED FORCES

Load Case: 1.2D + 1.0W 115 mph Wind with No Ice 25 Iterations

Gust Response Factor: 1.10
Dead load Factor: 1.20
Wind Load Factor: 1.00

Seg	Pu	Vu	Tu	Mu	Mu	Resultant	Phi	Phi	Phi	Phi	Total	Rotation	Ratio

CALCULATED FORCES

Elev (ft)	FY (-) (kips)	FX (-) (kips)	MY (ft-kips)	MZ (ft-kips)	MX (ft-kips)	Moment (ft-kips)	Pn (kips)	Vn (kips)	Tn (ft-kips)	Mn (ft-kips)	Deflect (in)	(deg)	
0.00	-53.24	-24.66	0.00	-2,868.1	0.00	2,868.11	5,359.60	1,372.31	6,979.93	6,210.55	0	0	0.472
5.00	-51.37	-24.36	0.00	-2,744.8	0.00	2,744.81	5,275.68	1,339.64	6,651.63	5,966.65	0.07	-0.13	0.470
10.00	-49.53	-24.06	0.00	-2,623.0	0.00	2,623.03	5,189.62	1,306.97	6,331.23	5,725.07	0.27	-0.26	0.468
15.00	-47.74	-23.76	0.00	-2,502.7	0.00	2,502.74	5,101.44	1,274.31	6,018.74	5,485.99	0.62	-0.39	0.466
20.00	-45.98	-23.48	0.00	-2,383.9	0.00	2,383.92	5,011.12	1,241.64	5,714.16	5,249.58	1.1	-0.53	0.464
25.00	-44.26	-23.19	0.00	-2,266.5	0.00	2,266.54	4,918.68	1,208.98	5,417.48	5,016.02	1.74	-0.67	0.461
30.00	-42.57	-22.91	0.00	-2,150.6	0.00	2,150.57	4,824.11	1,176.31	5,128.72	4,785.49	2.52	-0.82	0.459
35.00	-40.93	-22.62	0.00	-2,036.0	0.00	2,036.01	4,727.41	1,143.64	4,847.86	4,558.17	3.46	-0.97	0.456
40.00	-39.32	-22.33	0.00	-1,922.9	0.00	1,922.89	4,628.58	1,110.98	4,574.91	4,334.22	4.56	-1.13	0.453
45.00	-37.76	-22.08	0.00	-1,811.3	0.00	1,811.26	4,527.62	1,078.31	4,309.87	4,113.84	5.83	-1.29	0.449
47.92	-36.87	-21.92	0.00	-1,746.9	0.00	1,746.86	4,467.74	1,059.25	4,158.91	3,987.00	6.64	-1.38	0.447
50.00	-35.78	-21.73	0.00	-1,701.2	0.00	1,701.18	4,424.53	1,045.64	4,052.73	3,897.20	7.26	-1.45	0.445
54.08	-33.72	-21.53	0.00	-1,612.5	0.00	1,612.47	3,619.86	890.37	3,428.08	3,171.85	8.57	-1.59	0.518
55.00	-33.45	-21.36	0.00	-1,592.7	0.00	1,592.73	3,605.16	885.24	3,388.67	3,140.59	8.88	-1.63	0.517
60.00	-32.14	-21.06	0.00	-1,485.9	0.00	1,485.91	3,523.72	857.24	3,177.73	2,971.70	10.69	-1.82	0.510
65.00	-30.85	-20.74	0.00	-1,380.6	0.00	1,380.64	3,440.15	829.24	2,973.56	2,805.61	12.69	-2.01	0.502
70.00	-29.61	-20.43	0.00	-1,276.9	0.00	1,276.92	3,354.45	801.24	2,776.17	2,642.48	14.91	-2.21	0.493
75.00	-28.39	-20.12	0.00	-1,174.8	0.00	1,174.75	3,266.62	773.24	2,585.56	2,482.50	17.34	-2.42	0.483
80.00	-27.21	-19.82	0.00	-1,074.1	0.00	1,074.12	3,154.85	745.24	2,401.72	2,309.86	19.99	-2.63	0.474
85.00	-26.07	-19.51	0.00	-975.0	0.00	975.04	3,036.31	717.24	2,224.67	2,138.69	22.86	-2.84	0.465
90.00	-24.95	-19.21	0.00	-877.5	0.00	877.49	2,917.78	689.24	2,054.39	1,974.10	25.95	-3.06	0.454
95.00	-23.89	-18.96	0.00	-781.5	0.00	781.46	2,799.25	661.24	1,890.90	1,816.10	29.27	-3.28	0.440
97.75	-23.31	-18.80	0.00	-729.3	0.00	729.32	2,734.06	645.84	1,803.86	1,732.01	31.19	-3.4	0.430
100.00	-22.61	-18.65	0.00	-687.0	0.00	687.01	2,680.72	633.24	1,734.18	1,664.69	32.82	-3.5	0.422
102.25	-21.93	-18.47	0.00	-645.1	0.00	645.06	1,683.04	422.46	1,157.64	1,050.18	34.5	-3.61	0.629
105.00	-21.48	-18.25	0.00	-594.2	0.00	594.25	1,655.06	412.20	1,102.06	1,007.42	36.61	-3.73	0.605
110.00	-20.71	-17.93	0.00	-503.0	0.00	503.00	1,602.55	393.53	1,004.52	930.92	40.68	-4.03	0.555
115.00	-19.96	-17.58	0.00	-413.4	0.00	413.35	1,547.92	374.86	911.50	856.15	45.05	-4.32	0.498
120.00	-19.27	-17.33	0.00	-325.5	0.00	325.46	1,491.15	356.20	822.99	783.31	49.72	-4.59	0.431
121.00	-15.57	-14.44	0.00	-308.1	0.00	308.14	1,479.54	352.46	805.83	768.99	50.68	-4.64	0.413
125.00	-15.05	-14.08	0.00	-250.4	0.00	250.36	1,428.88	337.53	739.01	710.88	54.65	-4.83	0.364
130.00	-14.44	-13.68	0.00	-180.0	0.00	179.98	1,349.86	318.86	659.54	634.05	59.83	-5.05	0.296
134.00	-9.76	-10.17	0.00	-125.3	0.00	125.26	1,286.64	303.93	599.22	575.75	64.12	-5.19	0.226
135.00	-9.65	-10.02	0.00	-115.1	0.00	115.09	1,270.84	300.20	584.59	561.61	65.21	-5.23	0.214
140.00	-8.15	-9.20	0.00	-65.0	0.00	64.98	1,191.82	281.53	514.16	493.57	70.75	-5.35	0.140
141.00	-5.22	-7.23	0.00	-55.8	0.00	55.78	1,176.01	277.80	500.62	480.48	71.87	-5.37	0.121
143.00	-4.64	-5.26	0.00	-41.3	0.00	41.32	1,144.40	270.33	474.08	454.85	74.13	-5.41	0.095
145.00	-4.46	-5.17	0.00	-30.8	0.00	30.81	1,112.80	262.87	448.26	429.91	76.4	-5.44	0.076
146.00	-4.27	-4.91	0.00	-25.6	0.00	25.64	1,096.99	259.13	435.62	417.71	77.54	-5.45	0.066
149.00	-1.99	-3.21	0.00	-10.9	0.00	10.90	1,049.58	247.93	398.78	382.15	80.96	-5.47	0.031
150.00	-1.91	-3.13	0.00	-7.7	0.00	7.69	1,033.77	244.20	386.86	370.65	82.11	-5.48	0.023
152.00	0.00	-2.93	0.00	-1.4	0.00	1.44	1,002.17	236.73	363.57	348.18	84.4	-5.48	0.004

CALCULATED FORCES

Load Case: 0.9D + 1.0W — 115 mph Wind with No Ice (Reduced DL) — 25 Iterations

Gust Response Factor: 1.10
Dead load Factor: 0.90
Wind Load Factor: 1.00

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	Phi Pn (kips)	Phi Vn (kips)	Phi Tn (ft-kips)	Phi Mn (ft-kips)	Total Deflect (in)	Rotation (deg)	Ratio
0.00	-39.92	-24.64	0.00	-2,828.6	0.00	2,828.58	5,359.60	1,372.31	6,979.93	6,210.55	0	0	0.463
5.00	-38.51	-24.31	0.00	-2,705.4	0.00	2,705.37	5,275.68	1,339.64	6,651.63	5,966.65	0.07	-0.13	0.461
10.00	-37.12	-23.98	0.00	-2,583.8	0.00	2,583.81	5,189.62	1,306.97	6,331.23	5,725.07	0.27	-0.25	0.459
15.00	-35.76	-23.66	0.00	-2,463.9	0.00	2,463.89	5,101.44	1,274.31	6,018.74	5,485.99	0.61	-0.39	0.456
20.00	-34.43	-23.35	0.00	-2,345.6	0.00	2,345.58	5,011.12	1,241.64	5,714.16	5,249.58	1.09	-0.52	0.454
25.00	-33.12	-23.04	0.00	-2,228.8	0.00	2,228.83	4,918.68	1,208.98	5,417.48	5,016.02	1.71	-0.66	0.451
30.00	-31.85	-22.74	0.00	-2,113.6	0.00	2,113.63	4,824.11	1,176.31	5,128.72	4,785.49	2.48	-0.81	0.449
35.00	-30.60	-22.43	0.00	-2,000.0	0.00	1,999.95	4,727.41	1,143.64	4,847.86	4,558.17	3.41	-0.96	0.446
40.00	-29.38	-22.11	0.00	-1,887.8	0.00	1,887.82	4,628.58	1,110.98	4,574.91	4,334.22	4.49	-1.11	0.442
45.00	-28.21	-21.85	0.00	-1,777.3	0.00	1,777.28	4,527.62	1,078.31	4,309.87	4,113.84	5.74	-1.27	0.439
47.92	-27.53	-21.68	0.00	-1,713.6	0.00	1,713.57	4,467.74	1,059.25	4,158.91	3,987.00	6.54	-1.36	0.436
50.00	-26.71	-21.47	0.00	-1,668.4	0.00	1,668.40	4,424.53	1,045.64	4,052.73	3,897.20	7.15	-1.43	0.435
54.08	-25.15	-21.28	0.00	-1,580.7	0.00	1,580.72	3,619.86	890.37	3,428.08	3,171.85	8.43	-1.57	0.506
55.00	-24.94	-21.10	0.00	-1,561.2	0.00	1,561.21	3,605.16	885.24	3,388.67	3,140.59	8.74	-1.6	0.505
60.00	-23.95	-20.77	0.00	-1,455.7	0.00	1,455.74	3,523.72	857.24	3,177.73	2,971.70	10.51	-1.79	0.497
65.00	-22.97	-20.44	0.00	-1,351.9	0.00	1,351.91	3,440.15	829.24	2,973.56	2,805.61	12.49	-1.98	0.489
70.00	-22.03	-20.11	0.00	-1,249.7	0.00	1,249.72	3,354.45	801.24	2,776.17	2,642.48	14.66	-2.18	0.480
75.00	-21.10	-19.79	0.00	-1,149.2	0.00	1,149.17	3,266.62	773.24	2,585.56	2,482.50	17.05	-2.38	0.470
80.00	-20.21	-19.46	0.00	-1,050.2	0.00	1,050.24	3,154.85	745.24	2,401.72	2,309.86	19.65	-2.58	0.462
85.00	-19.33	-19.14	0.00	-952.9	0.00	952.93	3,036.31	717.24	2,224.67	2,138.69	22.46	-2.79	0.453
90.00	-18.49	-18.83	0.00	-857.2	0.00	857.22	2,917.78	689.24	2,054.39	1,974.10	25.5	-3	0.441
95.00	-17.68	-18.58	0.00	-763.1	0.00	763.08	2,799.25	661.24	1,890.90	1,816.10	28.75	-3.21	0.427
97.75	-17.24	-18.42	0.00	-712.0	0.00	712.00	2,734.06	645.84	1,803.86	1,732.01	30.64	-3.34	0.418
100.00	-16.72	-18.26	0.00	-670.6	0.00	670.56	2,680.72	633.24	1,734.18	1,664.69	32.24	-3.44	0.410
102.25	-16.20	-18.08	0.00	-629.5	0.00	629.48	1,683.04	422.46	1,157.64	1,050.18	33.88	-3.53	0.611
105.00	-15.85	-17.85	0.00	-579.8	0.00	579.75	1,655.06	412.20	1,102.06	1,007.42	35.95	-3.65	0.587
110.00	-15.26	-17.51	0.00	-490.5	0.00	490.52	1,602.55	393.53	1,004.52	930.92	39.93	-3.95	0.538
115.00	-14.69	-17.14	0.00	-403.0	0.00	402.99	1,547.92	374.86	911.50	856.15	44.22	-4.23	0.482
120.00	-14.17	-16.89	0.00	-317.3	0.00	317.28	1,491.15	356.20	822.99	783.31	48.79	-4.49	0.417
121.00	-11.43	-14.08	0.00	-300.4	0.00	300.40	1,479.54	352.46	805.83	768.99	49.73	-4.54	0.400
125.00	-11.04	-13.71	0.00	-244.1	0.00	244.08	1,428.88	337.53	739.01	710.88	53.62	-4.73	0.353
130.00	-10.58	-13.31	0.00	-175.6	0.00	175.55	1,349.86	318.86	659.54	634.05	58.69	-4.94	0.286
134.00	-7.13	-9.91	0.00	-122.3	0.00	122.30	1,286.64	303.93	599.22	575.75	62.89	-5.08	0.219
135.00	-7.04	-9.76	0.00	-112.4	0.00	112.39	1,270.84	300.20	584.59	561.61	63.95	-5.11	0.207
140.00	-5.94	-8.97	0.00	-63.6	0.00	63.56	1,191.82	281.53	514.16	493.57	69.38	-5.24	0.135
141.00	-3.77	-7.09	0.00	-54.6	0.00	54.59	1,176.01	277.80	500.62	480.48	70.47	-5.26	0.117
143.00	-3.38	-5.13	0.00	-40.4	0.00	40.42	1,144.40	270.33	474.08	454.85	72.68	-5.29	0.092
145.00	-3.24	-5.04	0.00	-30.2	0.00	30.16	1,112.80	262.87	448.26	429.91	74.9	-5.32	0.073
146.00	-3.10	-4.80	0.00	-25.1	0.00	25.12	1,096.99	259.13	435.62	417.71	76.02	-5.33	0.063
149.00	-1.43	-3.15	0.00	-10.7	0.00	10.73	1,049.58	247.93	398.78	382.15	79.37	-5.36	0.030
150.00	-1.37	-3.07	0.00	-7.6	0.00	7.58	1,033.77	244.20	386.86	370.65	80.49	-5.36	0.022
152.00	0.00	-2.93	0.00	-1.4	0.00	1.44	1,002.17	236.73	363.57	348.18	82.74	-5.37	0.004

CALCULATED FORCES

Load Case: 1.2D + 1.0Di + 1.0Wi — 50 mph Wind with 1" Radial Ice — 25 Iterations

Gust Response Factor: 1.10 — Ice Dead Load Factor 1.00
Dead load Factor: 1.20 — Ice Importance Factor 1.00
Wind Load Factor: 1.00

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	Phi Pn (kips)	Phi Vn (kips)	Phi Tn (ft-kips)	Phi Mn (ft-kips)	Total Deflect (in)	Rotation (deg)	Ratio
0.00	-76.45	-7.94	0.00	-921.1	0.00	921.10	5,359.60	1,372.31	6,979.93	6,210.55	0	0	0.163
5.00	-74.15	-7.86	0.00	-881.4	0.00	881.42	5,275.68	1,339.64	6,651.63	5,966.65	0.02	-0.04	0.162
10.00	-71.85	-7.78	0.00	-842.1	0.00	842.14	5,189.62	1,306.97	6,331.23	5,725.07	0.09	-0.08	0.161
15.00	-69.57	-7.70	0.00	-803.3	0.00	803.26	5,101.44	1,274.31	6,018.74	5,485.99	0.2	-0.13	0.160
20.00	-67.33	-7.62	0.00	-764.8	0.00	764.77	5,011.12	1,241.64	5,714.16	5,249.58	0.35	-0.17	0.159
25.00	-65.12	-7.54	0.00	-726.7	0.00	726.67	4,918.68	1,208.98	5,417.48	5,016.02	0.56	-0.22	0.158
30.00	-62.95	-7.47	0.00	-689.0	0.00	688.95	4,824.11	1,176.31	5,128.72	4,785.49	0.81	-0.26	0.157
35.00	-60.82	-7.39	0.00	-651.6	0.00	651.62	4,727.41	1,143.64	4,847.86	4,558.17	1.11	-0.31	0.156
40.00	-58.73	-7.31	0.00	-614.7	0.00	614.68	4,628.58	1,110.98	4,574.91	4,334.22	1.46	-0.36	0.155
45.00	-56.68	-7.23	0.00	-578.2	0.00	578.16	4,527.62	1,078.31	4,309.87	4,113.84	1.87	-0.41	0.153
47.92	-55.50	-7.19	0.00	-557.1	0.00	557.06	4,467.74	1,059.25	4,158.91	3,987.00	2.13	-0.44	0.152
50.00	-54.22	-7.13	0.00	-542.1	0.00	542.08	4,424.53	1,045.64	4,052.73	3,897.20	2.33	-0.47	0.151
54.08	-51.76	-7.08	0.00	-513.0	0.00	512.95	3,619.86	890.37	3,428.08	3,171.85	2.75	-0.51	0.176
55.00	-51.42	-7.03	0.00	-506.5	0.00	506.46	3,605.16	885.24	3,388.67	3,140.59	2.85	-0.52	0.176
60.00	-49.64	-6.94	0.00	-471.3	0.00	471.31	3,523.72	857.24	3,177.73	2,971.70	3.43	-0.58	0.173
65.00	-47.90	-6.85	0.00	-436.6	0.00	436.60	3,440.15	829.24	2,973.56	2,805.61	4.07	-0.64	0.170
70.00	-46.20	-6.76	0.00	-402.3	0.00	402.33	3,354.45	801.24	2,776.17	2,642.48	4.78	-0.71	0.166
75.00	-44.53	-6.67	0.00	-368.5	0.00	368.51	3,266.62	773.24	2,585.56	2,482.50	5.55	-0.77	0.162
80.00	-42.91	-6.51	0.00	-335.2	0.00	335.15	3,154.85	745.24	2,401.72	2,309.86	6.39	-0.84	0.159
85.00	-41.32	-6.34	0.00	-302.6	0.00	302.61	3,036.31	717.24	2,224.67	2,138.69	7.31	-0.9	0.155
90.00	-39.78	-6.18	0.00	-270.9	0.00	270.89	2,917.78	689.24	2,054.39	1,974.10	8.29	-0.97	0.151
95.00	-38.27	-6.02	0.00	-240.0	0.00	240.01	2,799.25	661.24	1,890.90	1,816.10	9.34	-1.04	0.146
97.75	-37.46	-5.93	0.00	-223.5	0.00	223.46	2,734.06	645.84	1,803.86	1,732.01	9.95	-1.08	0.143
100.00	-36.58	-5.85	0.00	-210.1	0.00	210.11	2,680.72	633.24	1,734.18	1,664.69	10.47	-1.11	0.140
102.25	-35.71	-5.76	0.00	-197.0	0.00	196.95	1,683.04	422.46	1,157.64	1,050.18	11	-1.14	0.209
105.00	-35.05	-5.67	0.00	-181.1	0.00	181.10	1,655.06	412.20	1,102.06	1,007.42	11.66	-1.18	0.201
110.00	-33.88	-5.51	0.00	-152.8	0.00	152.77	1,602.55	393.53	1,004.52	930.92	12.94	-1.27	0.185
115.00	-32.74	-5.35	0.00	-125.2	0.00	125.22	1,547.92	374.86	911.50	856.15	14.32	-1.35	0.168
120.00	-31.64	-5.21	0.00	-98.5	0.00	98.48	1,491.15	356.20	822.99	783.31	15.78	-1.44	0.147
121.00	-26.16	-4.44	0.00	-93.3	0.00	93.27	1,479.54	352.46	805.83	768.99	16.08	-1.45	0.139
125.00	-25.31	-4.29	0.00	-75.5	0.00	75.51	1,428.88	337.53	739.01	710.88	17.33	-1.51	0.124
130.00	-24.29	-4.12	0.00	-54.0	0.00	54.05	1,349.86	318.86	659.54	634.05	18.95	-1.58	0.103
134.00	-17.06	-3.10	0.00	-37.6	0.00	37.58	1,286.64	303.93	599.22	575.75	20.29	-1.62	0.079
135.00	-16.88	-3.03	0.00	-34.5	0.00	34.49	1,270.84	300.20	584.59	561.61	20.63	-1.63	0.075
140.00	-14.52	-2.70	0.00	-19.3	0.00	19.32	1,191.82	281.53	514.16	493.57	22.35	-1.67	0.051
141.00	-10.43	-2.14	0.00	-16.6	0.00	16.62	1,176.01	277.80	500.62	480.48	22.7	-1.67	0.044
143.00	-8.33	-1.63	0.00	-12.3	0.00	12.34	1,144.40	270.33	474.08	454.85	23.41	-1.68	0.034
145.00	-8.00	-1.56	0.00	-9.1	0.00	9.08	1,112.80	262.87	448.26	429.91	24.11	-1.69	0.028
146.00	-7.61	-1.47	0.00	-7.5	0.00	7.52	1,096.99	259.13	435.62	417.71	24.47	-1.7	0.025
149.00	-4.27	-0.91	0.00	-3.1	0.00	3.11	1,049.58	247.93	398.78	382.15	25.54	-1.7	0.012
150.00	-4.12	-0.86	0.00	-2.2	0.00	2.21	1,033.77	244.20	386.86	370.65	25.89	-1.7	0.010
152.00	0.00	-0.74	0.00	-0.5	0.00	0.49	1,002.17	236.73	363.57	348.18	26.61	-1.71	0.001

CALCULATED FORCES

Load Case: 1.0D + 1.0W — 60 mph Wind with No Ice — 24 Iterations

Gust Response Factor: 1.10
Dead load Factor: 1.00
Wind Load Factor: 1.00

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	Phi Pn (kips)	Phi Vn (kips)	Phi Tn (ft-kips)	Phi Mn (ft-kips)	Total Deflect (in)	Rotation (deg)	Ratio
0.00	-44.39	-6.00	0.00	-692.8	0.00	692.78	5,359.60	1,372.31	6,979.93	6,210.55	0	0	0.120
5.00	-42.87	-5.92	0.00	-662.8	0.00	662.77	5,275.68	1,339.64	6,651.63	5,966.65	0.02	-0.03	0.119
10.00	-41.38	-5.85	0.00	-633.2	0.00	633.15	5,189.62	1,306.97	6,331.23	5,725.07	0.07	-0.06	0.119
15.00	-39.93	-5.77	0.00	-603.9	0.00	603.91	5,101.44	1,274.31	6,018.74	5,485.99	0.15	-0.09	0.118
20.00	-38.50	-5.70	0.00	-575.0	0.00	575.05	5,011.12	1,241.64	5,714.16	5,249.58	0.27	-0.13	0.117
25.00	-37.11	-5.62	0.00	-546.6	0.00	546.57	4,918.68	1,208.98	5,417.48	5,016.02	0.42	-0.16	0.117
30.00	-35.75	-5.55	0.00	-518.4	0.00	518.45	4,824.11	1,176.31	5,128.72	4,785.49	0.61	-0.2	0.116
35.00	-34.42	-5.48	0.00	-490.7	0.00	490.68	4,727.41	1,143.64	4,847.86	4,558.17	0.84	-0.23	0.115
40.00	-33.12	-5.40	0.00	-463.3	0.00	463.29	4,628.58	1,110.98	4,574.91	4,334.22	1.1	-0.27	0.114
45.00	-31.86	-5.34	0.00	-436.3	0.00	436.28	4,527.62	1,078.31	4,309.87	4,113.84	1.41	-0.31	0.113
47.92	-31.14	-5.30	0.00	-420.7	0.00	420.70	4,467.74	1,059.25	4,158.91	3,987.00	1.6	-0.33	0.113
50.00	-30.25	-5.25	0.00	-409.7	0.00	409.66	4,424.53	1,045.64	4,052.73	3,897.20	1.75	-0.35	0.112
54.08	-28.56	-5.20	0.00	-388.2	0.00	388.21	3,619.86	890.37	3,428.08	3,171.85	2.07	-0.38	0.130
55.00	-28.36	-5.16	0.00	-383.4	0.00	383.44	3,605.16	885.24	3,388.67	3,140.59	2.14	-0.39	0.130
60.00	-27.31	-5.08	0.00	-357.6	0.00	357.63	3,523.72	857.24	3,177.73	2,971.70	2.58	-0.44	0.128
65.00	-26.29	-5.01	0.00	-332.2	0.00	332.22	3,440.15	829.24	2,973.56	2,805.61	3.06	-0.49	0.126
70.00	-25.30	-4.93	0.00	-307.2	0.00	307.19	3,354.45	801.24	2,776.17	2,642.48	3.6	-0.53	0.124
75.00	-24.33	-4.85	0.00	-282.6	0.00	282.55	3,266.62	773.24	2,585.56	2,482.50	4.18	-0.58	0.121
80.00	-23.39	-4.77	0.00	-258.3	0.00	258.30	3,154.85	745.24	2,401.72	2,309.86	4.82	-0.63	0.119
85.00	-22.47	-4.70	0.00	-234.4	0.00	234.43	3,036.31	717.24	2,224.67	2,138.69	5.51	-0.68	0.117
90.00	-21.59	-4.62	0.00	-210.9	0.00	210.94	2,917.78	689.24	2,054.39	1,974.10	6.26	-0.74	0.114
95.00	-20.73	-4.56	0.00	-187.8	0.00	187.83	2,799.25	661.24	1,890.90	1,816.10	7.06	-0.79	0.111
97.75	-20.27	-4.52	0.00	-175.3	0.00	175.29	2,734.06	645.84	1,803.86	1,732.01	7.52	-0.82	0.109
100.00	-19.71	-4.49	0.00	-165.1	0.00	165.11	2,680.72	633.24	1,734.18	1,664.69	7.91	-0.84	0.107
102.25	-19.16	-4.44	0.00	-155.0	0.00	155.02	1,683.04	422.46	1,157.64	1,050.18	8.32	-0.87	0.159
105.00	-18.82	-4.39	0.00	-142.8	0.00	142.79	1,655.06	412.20	1,102.06	1,007.42	8.82	-0.9	0.153
110.00	-18.23	-4.31	0.00	-120.8	0.00	120.85	1,602.55	393.53	1,004.52	930.92	9.8	-0.97	0.141
115.00	-17.65	-4.22	0.00	-99.3	0.00	99.31	1,547.92	374.86	911.50	856.15	10.86	-1.04	0.128
120.00	-17.09	-4.16	0.00	-78.2	0.00	78.21	1,491.15	356.20	822.99	783.31	11.98	-1.1	0.111
121.00	-13.86	-3.47	0.00	-74.0	0.00	74.05	1,479.54	352.46	805.83	768.99	12.21	-1.12	0.106
125.00	-13.44	-3.38	0.00	-60.2	0.00	60.17	1,428.88	337.53	739.01	710.88	13.17	-1.16	0.094
130.00	-12.94	-3.28	0.00	-43.3	0.00	43.28	1,349.86	318.86	659.54	634.05	14.42	-1.22	0.078
134.00	-8.81	-2.44	0.00	-30.1	0.00	30.14	1,286.64	303.93	599.22	575.75	15.45	-1.25	0.059
135.00	-8.72	-2.41	0.00	-27.7	0.00	27.70	1,270.84	300.20	584.59	561.61	15.71	-1.26	0.056
140.00	-7.43	-2.21	0.00	-15.7	0.00	15.66	1,191.82	281.53	514.16	493.57	17.05	-1.29	0.038
141.00	-4.86	-1.74	0.00	-13.4	0.00	13.44	1,176.01	277.80	500.62	480.48	17.32	-1.29	0.032
143.00	-4.24	-1.26	0.00	-10.0	0.00	9.96	1,144.40	270.33	474.08	454.85	17.86	-1.3	0.026
145.00	-4.08	-1.24	0.00	-7.4	0.00	7.43	1,112.80	262.87	448.26	429.91	18.41	-1.31	0.021
146.00	-3.90	-1.18	0.00	-6.2	0.00	6.18	1,096.99	259.13	435.62	417.71	18.69	-1.31	0.018
149.00	-1.89	-0.77	0.00	-2.6	0.00	2.64	1,049.58	247.93	398.78	382.15	19.51	-1.32	0.009
150.00	-1.82	-0.76	0.00	-1.9	0.00	1.86	1,033.77	244.20	386.86	370.65	19.79	-1.32	0.007
152.00	0.00	-0.71	0.00	-0.4	0.00	0.35	1,002.17	236.73	363.57	348.18	20.34	-1.32	0.001

EQUIVALENT LATERAL FORCES METHOD ANALYSIS

(Based on ASCE7-16 Chapters 11, 12 and 15)

Spectral Response Acceleration for Short Period (S_S):	0.214
Spectral Response Acceleration at 1.0 Second Period (S_1):	0.055
Long-Period Transition Period (T_L – Seconds):	6
Importance Factor (I_e):	1.000
Site Coefficient F_a:	1.600
Site Coefficient F_v:	2.400
Response Modification Coefficient (R):	1.500
Design Spectral Response Acceleration at Short Period (S_{ds}):	0.228
Design Spectral Response Acceleration at 1.0 Second Period (S_{d1}):	0.088
Seismic Response Coefficient (C_s):	0.030
Upper Limit C_S:	0.030
Lower Limit C_S:	0.030
Period based on Rayleigh Method (sec):	2.610
Redundancy Factor (p):	1.000
Seismic Force Distribution Exponent (k):	2.000
Total Unfactored Dead Load:	44.390 k
Seismic Base Shear (E):	1.330 k

SEISMIC FORCES

1.2D + 1.0Ev + 1.0Eh **Seismic**

Segment	Height Above Base (ft)	Weight (lb)	W_z (lb-ft)	C_{vx}	Horizontal Force (lb)	Vertical Force (lb)
41	151	142	3,249	0.008	10	177
40	149.5	72	1,620	0.004	5	90
39	147.5	222	4,826	0.011	15	276
38	145.5	78	1,654	0.004	5	97
37	144	158	3,285	0.008	10	197
36	142	171	3,452	0.008	11	213
35	140.5	87	1,711	0.004	5	108
34	137.5	444	8,399	0.020	26	553
33	134.5	91	1,647	0.004	5	113
32	132	392	6,822	0.016	21	488
31	127.5	506	8,220	0.019	26	630
30	123	418	6,317	0.015	20	520
29	120.5	109	1,582	0.004	5	136
28	117.5	555	7,669	0.018	24	692
27	112.5	574	7,259	0.017	23	714
26	107.5	592	6,837	0.016	22	737
25	103.625	333	3,577	0.008	11	415
24	101.125	550	5,626	0.013	18	685
23	98.875	559	5,468	0.013	17	697
22	96.375	459	4,264	0.010	13	572
21	92.5	856	7,322	0.017	23	1,066
20	87.5	883	6,759	0.016	21	1,100
19	82.5	910	6,194	0.015	19	1,134
18	77.5	937	5,629	0.013	18	1,167
17	72.5	964	5,069	0.012	16	1,201
16	67.5	991	4,517	0.011	14	1,235
15	62.5	1,019	3,979	0.009	13	1,269
14	57.5	1,046	3,457	0.008	11	1,303
13	54.5417	195	579	0.001	2	242
12	52.0417	1,695	4,592	0.011	14	2,112
11	48.9583	880	2,110	0.005	7	1,096
10	46.4583	722	1,558	0.004	5	899
9	42.5	1,262	2,280	0.005	7	1,572
8	37.5	1,294	1,820	0.004	6	1,612
7	32.5	1,326	1,400	0.003	4	1,651
6	27.5	1,357	1,026	0.002	3	1,691
5	22.5	1,389	703	0.002	2	1,730
4	17.5	1,421	435	0.001	1	1,770

SEISMIC FORCES

1.2D + 1.0Ev + 1.0Eh **Seismic**

Segment	Height Above Base (ft)	Weight (lb)	W_z (lb-ft)	C_{vx}	Horizontal Force (lb)	Vertical Force (lb)
3	12.5	1,452	227	0.000	1	1,809
2	7.5	1,484	83	0.000	0	1,849
1	2.5	1,516	9	0.000	0	1,888
Generic 15' Omni	152	40	924	0.002	3	50
Powerwave Allgon LGP21901	152	33	762	0.002	2	41
Powerwave Allgon 7020.00 Dual Band RET	152	26	610	0.001	2	33
CCI DTMABP7819VG12A	152	58	1,331	0.003	4	72
Powerwave Allgon LGP21401	152	85	1,955	0.005	6	105
Raycap DC6-48-60-18-8F	152	20	462	0.001	1	25
Ericsson RRUS 4415 B30	152	138	3,188	0.008	10	172
Ericsson RRUS 4449 B5, B12	152	213	4,921	0.012	15	265
Ericsson RRUS 4478 B14	152	178	4,117	0.010	13	222
Raycap DC6-48-60-18-8C	152	16	370	0.001	1	20
Ericsson RRUS-12 1900 MHz	152	180	4,159	0.010	13	224
Raycap DC6-48-60-18-8C-EV	152	16	370	0.001	1	20
Powerwave Allgon 7770.00	152	105	2,426	0.006	8	131
Kathrein Scala 80010965	152	586	13,530	0.032	43	729
Site Pro 1 RMQP-496-HK	149	1,799	39,940	0.094	126	2,241
Generic 2" x 4" GPS	146	5	107	0.000	0	6
Commscope CBC78T-DS-43-2X	146	62	1,324	0.003	4	77
RFS DB-C1-12C-24AB-0Z	146	32	682	0.002	2	40
Andrew DB846H80E-SX	143	96	1,963	0.005	6	120
Commscope JAHH-65B-R3B	143	364	7,435	0.018	23	453
Generic Flat Platform with Handrails	141	2,500	49,702	0.117	156	3,114
Generic Flat Platform with Handrails	121	2,500	36,602	0.086	115	3,114
Kaelus KA-6030	140	70	1,380	0.003	4	88
Samsung XXDWMM-12.5-65-8T-CBRS	140	69	1,358	0.003	4	86
Samsung B5/B13 RRH-BR04C	140	211	4,134	0.010	13	263
Samsung B2/B66A RRH-BR049	140	253	4,963	0.012	16	315
Samsung MT6407-77A	140	245	4,798	0.011	15	305
Ericsson Radio 4449 B71 B85A	134	225	4,040	0.010	13	280
Ericsson 4460 BAND 2/25	134	327	5,872	0.014	18	407
Ericsson Air6449 B41	134	312	5,602	0.013	18	389
RFS APXVAARR24_43-U-NA20	134	384	6,890	0.016	22	478
Flat Platform with Round Handrails	134	2,500	44,890	0.106	141	3,114
Commscope RDIDC-9181-PF-48	121	22	321	0.001	1	27
Fujitsu TA08025-B604	121	192	2,807	0.007	9	239
Fujitsu TA08025-B605	121	225	3,294	0.008	10	280
JMA Wireless MX08FRO665-21	121	194	2,833	0.007	9	241
	Totals:	**44,391**	**423,292**	**1.000**	**1,332**	**55,295**

SEISMIC FORCES

0.9D - 1.0Ev + 1.0Eh **Seismic (Reduced DL)**

Segment	Height Above Base (ft)	Weight (lb)	W_z (lb-ft)	C_{vx}	Horizontal Force (lb)	Vertical Force (lb)
41	151	142	3,249	0.008	10	122
40	149.5	72	1,620	0.004	5	62
39	147.5	222	4,826	0.011	15	190
38	145.5	78	1,654	0.004	5	67
37	144	158	3,285	0.008	10	135
36	142	171	3,452	0.008	11	146
35	140.5	87	1,711	0.004	5	74
34	137.5	444	8,399	0.020	26	380
33	134.5	91	1,647	0.004	5	78
32	132	392	6,822	0.016	21	334
31	127.5	506	8,220	0.019	26	432
30	123	418	6,317	0.015	20	357
29	120.5	109	1,582	0.004	5	93
28	117.5	555	7,669	0.018	24	475
27	112.5	574	7,259	0.017	23	490
26	107.5	592	6,837	0.016	22	505

SEISMIC FORCES

0.9D - 1.0Ev + 1.0Eh **Seismic (Reduced DL)**

Segment	Height Above Base (ft)	Weight (lb)	W_z (lb-ft)	C_{vx}	Horizontal Force (lb)	Vertical Force (lb)
25	103.625	333	3,577	0.008	11	285
24	101.125	550	5,626	0.013	18	470
23	98.875	559	5,468	0.013	17	478
22	96.375	459	4,264	0.010	13	392
21	92.5	856	7,322	0.017	23	731
20	87.5	883	6,759	0.016	21	754
19	82.5	910	6,194	0.015	19	777
18	77.5	937	5,629	0.013	18	801
17	72.5	964	5,069	0.012	16	824
16	67.5	991	4,517	0.011	14	847
15	62.5	1,019	3,979	0.009	13	870
14	57.5	1,046	3,457	0.008	11	893
13	54.5417	195	579	0.001	2	166
12	52.0417	1,695	4,592	0.011	14	1,449
11	48.9583	880	2,110	0.005	7	752
10	46.4583	722	1,558	0.004	5	617
9	42.5	1,262	2,280	0.005	7	1,078
8	37.5	1,294	1,820	0.004	6	1,106
7	32.5	1,326	1,400	0.003	4	1,133
6	27.5	1,357	1,026	0.002	3	1,160
5	22.5	1,389	703	0.002	2	1,187
4	17.5	1,421	435	0.001	1	1,214
3	12.5	1,452	227	0.000	1	1,241
2	7.5	1,484	83	0.000	0	1,268
1	2.5	1,516	9	0.000	0	1,295
Generic 15' Omni	152	40	924	0.002	3	34
Powerwave Allgon LGP21901	152	33	762	0.002	2	28
Powerwave Allgon 7020.00 Dual Band RET	152	26	610	0.001	2	23
CCI DTMABP7819VG12A	152	58	1,331	0.003	4	49
Powerwave Allgon LGP21401	152	85	1,955	0.005	6	72
Raycap DC6-48-60-18-8F	152	20	462	0.001	1	17
Ericsson RRUS 4415 B30	152	138	3,188	0.008	10	118
Ericsson RRUS 4449 B5, B12	152	213	4,921	0.012	15	182
Ericsson RRUS 4478 B14	152	178	4,117	0.010	13	152
Raycap DC6-48-60-18-8C	152	16	370	0.001	1	14
Ericsson RRUS-12 1900 MHz	152	180	4,159	0.010	13	154
Raycap DC6-48-60-18-8C-EV	152	16	370	0.001	1	14
Powerwave Allgon 7770.00	152	105	2,426	0.006	8	90
Kathrein Scala 80010965	152	586	13,530	0.032	43	500
Site Pro 1 RMQP-496-HK	149	1,799	39,940	0.094	126	1,537
Generic 2" x 4" GPS	146	5	107	0.000	0	4
Commscope CBC78T-DS-43-2X	146	62	1,324	0.003	4	53
RFS DB-C1-12C-24AB-0Z	146	32	682	0.002	2	27
Andrew DB846H80E-SX	143	96	1,963	0.005	6	82
Commscope JAHH-65B-R3B	143	364	7,435	0.018	23	311
Generic Flat Platform with Handrails	141	2,500	49,702	0.117	156	2,136
Generic Flat Platform with Handrails	121	2,500	36,602	0.086	115	2,136
Kaelus KA-6030	140	70	1,380	0.003	4	60
Samsung XXDWMM-12.5-65-8T-CBRS	140	69	1,358	0.003	4	59
Samsung B5/B13 RRH-BR04C	140	211	4,134	0.010	13	180
Samsung B2/B66A RRH-BR049	140	253	4,963	0.012	16	216
Samsung MT6407-77A	140	245	4,798	0.011	15	209
Ericsson Radio 4449 B71 B85A	134	225	4,040	0.010	13	192
Ericsson 4460 BAND 2/25	134	327	5,872	0.014	18	279
Ericsson Air6449 B41	134	312	5,602	0.013	18	267
RFS APXVAARR24_43-U-NA20	134	384	6,890	0.016	22	328
Flat Platform with Round Handrails	134	2,500	44,890	0.106	141	2,136
Commscope RDIDC-9181-PF-48	121	22	321	0.001	1	19
Fujitsu TA08025-B604	121	192	2,807	0.007	9	164
Fujitsu TA08025-B605	121	225	3,294	0.008	10	192
JMA Wireless MX08FRO665-21	121	194	2,833	0.007	9	165

SEISMIC FORCES

0.9D - 1.0Ev + 1.0Eh **Seismic (Reduced DL)**

Segment	Height Above Base (ft)	Weight (lb)	W_z (lb-ft)	C_{vx}	Horizontal Force (lb)	Vertical Force (lb)
	Totals:	**44,391**	**423,292**	**1.000**	**1,332**	**37,925**

1.2D + 1.0Ev + 1.0Eh **Seismic**

CALCULATED FORCES

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (ft-kips)	Mu MZ (fr-kips)	Mu Mx (ft-kips)	Resultant Moment (ft-kips)	Phi Pn (kips)	Phi Vn (kips)	Phi Tn (kips)	Phi Mn (kips)	Total Deflect (in)	Rotation (deg)	Ratio
0.00	-53.41	-1.33	0.00	-175.22	0.00	175.22	5,359.60	1,372.31	6,980	6,210.55	0.00	0.00	0.04
5.00	-51.56	-1.34	0.00	-168.55	0.00	168.55	5,275.68	1,339.64	6,652	5,966.65	0.00	-0.01	0.04
10.00	-49.75	-1.35	0.00	-161.84	0.00	161.84	5,189.62	1,306.97	6,331	5,725.07	0.02	-0.02	0.04
15.00	-47.98	-1.35	0.00	-155.10	0.00	155.10	5,101.44	1,274.31	6,019	5,485.99	0.04	-0.02	0.04
20.00	-46.25	-1.36	0.00	-148.34	0.00	148.34	5,011.12	1,241.64	5,714	5,249.58	0.07	-0.03	0.04
25.00	-44.56	-1.36	0.00	-141.56	0.00	141.56	4,918.68	1,208.98	5,417	5,016.02	0.11	-0.04	0.04
30.00	-42.91	-1.36	0.00	-134.76	0.00	134.76	4,824.11	1,176.31	5,129	4,785.49	0.16	-0.05	0.04
35.00	-41.29	-1.36	0.00	-127.95	0.00	127.95	4,727.41	1,143.64	4,848	4,558.17	0.21	-0.06	0.04
40.00	-39.72	-1.36	0.00	-121.15	0.00	121.15	4,628.58	1,110.98	4,575	4,334.22	0.28	-0.07	0.04
45.00	-38.82	-1.36	0.00	-114.36	0.00	114.36	4,527.62	1,078.31	4,310	4,113.84	0.36	-0.08	0.04
47.92	-37.73	-1.35	0.00	-110.40	0.00	110.40	4,467.74	1,059.25	4,159	3,987.00	0.41	-0.09	0.04
50.00	-35.61	-1.34	0.00	-107.58	0.00	107.58	4,424.53	1,045.64	4,053	3,897.20	0.45	-0.09	0.04
54.08	-35.37	-1.34	0.00	-102.11	0.00	102.11	3,619.86	890.37	3,428	3,171.85	0.53	-0.10	0.04
55.00	-34.07	-1.33	0.00	-100.88	0.00	100.88	3,605.16	885.24	3,389	3,140.59	0.55	-0.10	0.04
60.00	-32.80	-1.32	0.00	-94.23	0.00	94.23	3,523.72	857.24	3,178	2,971.70	0.66	-0.11	0.04
65.00	-31.56	-1.31	0.00	-87.61	0.00	87.61	3,440.15	829.24	2,974	2,805.61	0.79	-0.13	0.04
70.00	-30.36	-1.30	0.00	-81.04	0.00	81.04	3,354.45	801.24	2,776	2,642.48	0.93	-0.14	0.04
75.00	-29.20	-1.29	0.00	-74.53	0.00	74.53	3,266.62	773.24	2,586	2,482.50	1.08	-0.15	0.04
80.00	-28.06	-1.27	0.00	-68.09	0.00	68.09	3,154.85	745.24	2,402	2,309.86	1.25	-0.17	0.04
85.00	-26.96	-1.25	0.00	-61.73	0.00	61.73	3,036.31	717.24	2,225	2,138.69	1.43	-0.18	0.04
90.00	-25.90	-1.23	0.00	-55.46	0.00	55.46	2,917.78	689.24	2,054	1,974.10	1.62	-0.19	0.04
95.00	-25.32	-1.22	0.00	-49.29	0.00	49.29	2,799.25	661.24	1,891	1,816.10	1.83	-0.21	0.04
97.75	-24.63	-1.21	0.00	-45.93	0.00	45.93	2,734.06	645.84	1,804	1,732.01	1.95	-0.21	0.04
100.00	-23.94	-1.19	0.00	-43.21	0.00	43.21	2,680.72	633.24	1,734	1,664.69	2.06	-0.22	0.04
102.25	-23.53	-1.18	0.00	-40.54	0.00	40.54	1,683.04	422.46	1,158	1,050.18	2.16	-0.23	0.05
105.00	-22.79	-1.16	0.00	-37.30	0.00	37.30	1,655.06	412.20	1,102	1,007.42	2.29	-0.23	0.05
110.00	-22.07	-1.14	0.00	-31.50	0.00	31.50	1,602.55	393.53	1,005	930.92	2.55	-0.25	0.05
115.00	-21.38	-1.12	0.00	-25.80	0.00	25.80	1,547.92	374.86	912	856.15	2.83	-0.27	0.04
120.00	-21.25	-1.12	0.00	-20.20	0.00	20.20	1,491.15	356.20	823	783.31	3.12	-0.29	0.04
121.00	-16.83	-0.93	0.00	-19.08	0.00	19.08	1,479.54	352.46	806	768.99	3.18	-0.29	0.04
125.00	-16.20	-0.91	0.00	-15.34	0.00	15.34	1,428.88	337.53	739	710.88	3.43	-0.30	0.03
130.00	-15.71	-0.89	0.00	-10.80	0.00	10.80	1,349.86	318.86	660	634.05	3.76	-0.32	0.03
134.00	-10.93	-0.64	0.00	-7.26	0.00	7.26	1,286.64	303.93	599	575.75	4.02	-0.33	0.02
135.00	-10.37	-0.62	0.00	-6.61	0.00	6.61	1,270.84	300.20	585	561.61	4.09	-0.33	0.02
140.00	-9.21	-0.55	0.00	-3.53	0.00	3.53	1,191.82	281.53	514	493.57	4.44	-0.33	0.02
141.00	-5.88	-0.37	0.00	-2.98	0.00	2.98	1,176.01	277.80	501	480.48	4.51	-0.34	0.01
143.00	-5.11	-0.32	0.00	-2.25	0.00	2.25	1,144.40	270.33	474	454.85	4.65	-0.34	0.01
145.00	-5.02	-0.32	0.00	-1.61	0.00	1.61	1,112.80	262.87	448	429.91	4.79	-0.34	0.01
146.00	-4.62	-0.29	0.00	-1.29	0.00	1.29	1,096.99	259.13	436	417.71	4.86	-0.34	0.01
149.00	-2.29	-0.15	0.00	-0.42	0.00	0.42	1,049.58	247.93	399	382.15	5.08	-0.34	0.00
150.00	-2.11	-0.14	0.00	-0.27	0.00	0.27	1,033.77	244.20	387	370.65	5.15	-0.34	0.00
152.00	0.00	-0.12	0.00	0.00	0.00	0.00	1,002.17	236.73	364	348.18	5.29	-0.34	0.00

0.9D - 1.0Ev + 1.0Eh **Seismic (Reduced DL)**

CALCULATED FORCES

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (ft-kips)	Mu MZ (fr-kips)	Mu Mx (ft-kips)	Resultant Moment (ft-kips)	Phi Pn (kips)	Phi Vn (kips)	Phi Tn (kips)	Phi Mn (kips)	Total Deflect (in)	Rotation (deg)	Ratio
0.00	-36.63	-1.33	0.00	-172.01	0.00	172.01	5,359.60	1,372.31	6,980	6,210.55	0.00	0.00	0.04
5.00	-35.36	-1.34	0.00	-165.35	0.00	165.35	5,275.68	1,339.64	6,652	5,966.65	0.00	-0.01	0.03
10.00	-34.12	-1.34	0.00	-158.66	0.00	158.66	5,189.62	1,306.97	6,331	5,725.07	0.02	-0.02	0.03
15.00	-32.91	-1.34	0.00	-151.96	0.00	151.96	5,101.44	1,274.31	6,019	5,485.99	0.04	-0.02	0.03
20.00	-31.72	-1.35	0.00	-145.23	0.00	145.23	5,011.12	1,241.64	5,714	5,249.58	0.07	-0.03	0.03

CALCULATED FORCES

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (ft-kips)	Mu MZ (fr-kips)	Mu Mx (ft-kips)	Resultant Moment (ft-kips)	Phi Pn (kips)	Phi Vn (kips)	Phi Tn (kips)	Phi Mn (kips)	Total Deflect (in)	Rotation (deg)	Ratio
25.00	-30.56	-1.35	0.00	-138.50	0.00	138.50	4,918.68	1,208.98	5,417	5,016.02	0.10	-0.04	0.03
30.00	-29.43	-1.35	0.00	-131.77	0.00	131.77	4,824.11	1,176.31	5,129	4,785.49	0.15	-0.05	0.03
35.00	-28.32	-1.34	0.00	-125.04	0.00	125.04	4,727.41	1,143.64	4,848	4,558.17	0.21	-0.06	0.03
40.00	-27.24	-1.34	0.00	-118.32	0.00	118.32	4,628.58	1,110.98	4,575	4,334.22	0.28	-0.07	0.03
45.00	-26.63	-1.34	0.00	-111.61	0.00	111.61	4,527.62	1,078.31	4,310	4,113.84	0.35	-0.08	0.03
47.92	-25.87	-1.33	0.00	-107.71	0.00	107.71	4,467.74	1,059.25	4,159	3,987.00	0.40	-0.08	0.03
50.00	-24.43	-1.32	0.00	-104.93	0.00	104.93	4,424.53	1,045.64	4,053	3,897.20	0.44	-0.09	0.03
54.08	-24.26	-1.32	0.00	-99.55	0.00	99.55	3,619.86	890.37	3,428	3,171.85	0.52	-0.10	0.04
55.00	-23.37	-1.31	0.00	-98.34	0.00	98.34	3,605.16	885.24	3,389	3,140.59	0.54	-0.10	0.04
60.00	-22.50	-1.30	0.00	-91.79	0.00	91.79	3,523.72	857.24	3,178	2,971.70	0.65	-0.11	0.04
65.00	-21.65	-1.29	0.00	-85.29	0.00	85.29	3,440.15	829.24	2,974	2,805.61	0.77	-0.12	0.04
70.00	-20.82	-1.28	0.00	-78.84	0.00	78.84	3,354.45	801.24	2,776	2,642.48	0.91	-0.14	0.04
75.00	-20.02	-1.26	0.00	-72.46	0.00	72.46	3,266.62	773.24	2,586	2,482.50	1.06	-0.15	0.04
80.00	-19.25	-1.24	0.00	-66.16	0.00	66.16	3,154.85	745.24	2,402	2,309.86	1.22	-0.16	0.04
85.00	-18.49	-1.22	0.00	-59.94	0.00	59.94	3,036.31	717.24	2,225	2,138.69	1.40	-0.17	0.03
90.00	-17.76	-1.20	0.00	-53.82	0.00	53.82	2,917.78	689.24	2,054	1,974.10	1.59	-0.19	0.03
95.00	-17.37	-1.19	0.00	-47.81	0.00	47.81	2,799.25	661.24	1,891	1,816.10	1.79	-0.20	0.03
97.75	-16.89	-1.17	0.00	-44.53	0.00	44.53	2,734.06	645.84	1,804	1,732.01	1.91	-0.21	0.03
100.00	-16.42	-1.16	0.00	-41.89	0.00	41.89	2,680.72	633.24	1,734	1,664.69	2.01	-0.21	0.03
102.25	-16.13	-1.15	0.00	-39.28	0.00	39.28	1,683.04	422.46	1,158	1,050.18	2.11	-0.22	0.05
105.00	-15.63	-1.13	0.00	-36.13	0.00	36.13	1,655.06	412.20	1,102	1,007.42	2.24	-0.23	0.05
110.00	-15.14	-1.11	0.00	-30.50	0.00	30.50	1,602.55	393.53	1,005	930.92	2.49	-0.25	0.04
115.00	-14.66	-1.08	0.00	-24.96	0.00	24.96	1,547.92	374.86	912	856.15	2.76	-0.26	0.04
120.00	-14.57	-1.08	0.00	-19.54	0.00	19.54	1,491.15	356.20	823	783.31	3.04	-0.28	0.04
121.00	-11.54	-0.90	0.00	-18.46	0.00	18.46	1,479.54	352.46	806	768.99	3.10	-0.28	0.03
125.00	-11.11	-0.88	0.00	-14.84	0.00	14.84	1,428.88	337.53	739	710.88	3.35	-0.30	0.03
130.00	-10.77	-0.86	0.00	-10.45	0.00	10.45	1,349.86	318.86	660	634.05	3.66	-0.31	0.02
134.00	-7.49	-0.62	0.00	-7.02	0.00	7.02	1,286.64	303.93	599	575.75	3.92	-0.32	0.02
135.00	-7.11	-0.60	0.00	-6.40	0.00	6.40	1,270.84	300.20	585	561.61	3.99	-0.32	0.02
140.00	-6.32	-0.53	0.00	-3.42	0.00	3.42	1,191.82	281.53	514	493.57	4.33	-0.33	0.01
141.00	-4.03	-0.35	0.00	-2.89	0.00	2.89	1,176.01	277.80	501	480.48	4.40	-0.33	0.01
143.00	-3.51	-0.31	0.00	-2.18	0.00	2.18	1,144.40	270.33	474	454.85	4.53	-0.33	0.01
145.00	-3.44	-0.31	0.00	-1.56	0.00	1.56	1,112.80	262.87	448	429.91	4.67	-0.33	0.01
146.00	-3.17	-0.28	0.00	-1.25	0.00	1.25	1,096.99	259.13	436	417.71	4.74	-0.33	0.01
149.00	-1.57	-0.14	0.00	-0.40	0.00	0.40	1,049.58	247.93	399	382.15	4.95	-0.33	0.00
150.00	-1.45	-0.13	0.00	-0.26	0.00	0.26	1,033.77	244.20	387	370.65	5.02	-0.33	0.00
152.00	0.00	-0.12	0.00	0.00	0.00	0.00	1,002.17	236.73	364	348.18	5.16	-0.33	0.00

ANALYSIS SUMMARY

	Base Reactions						Max Usage	
Load Case	Shear FX (kips)	Shear FZ (kips)	Axial FY (kips)	Moment MX (ft-kips)	Moment MY (ft-kips)	Moment MZ (ft-kips)	Elev (ft)	Interaction Ratio
1.2D + 1.0W	24.66	0.00	53.24	0.00	0.00	2868.11	102.25	0.63
0.9D + 1.0W	24.64	0.00	39.92	0.00	0.00	2828.58	102.25	0.61
1.2D + 1.0Di + 1.0Wi	7.94	0.00	76.45	0.00	0.00	921.10	102.25	0.21
1.2D + 1.0Ev + 1.0Eh	1.36	0.00	53.41	0.00	0.00	175.22	102.25	0.05
0.9D - 1.0Ev + 1.0Eh	1.35	0.00	36.63	0.00	0.00	172.01	102.25	0.05
1.0D + 1.0W	6.00	0.00	44.39	0.00	0.00	692.78	102.25	0.16

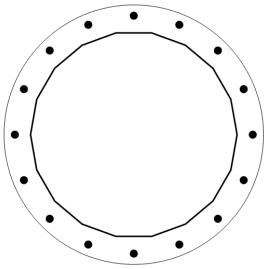
BASE PLATE ANALYSIS @ 0 FT

APPLIED REACTIONS

Moment (k-ft)	Axial (k)	Shear (k)
2868.11	53.24	24.66

PLATE PARAMETERS (ID# 26272)

Width:	72	in
Shape:	Round	
Thickness:	2	in
Grade:	A871-60	
Yield Strength:	60	ksi
Tensile Strength:	75	ksi
Rod Detail Type:	d	
Clear Distance	3.5	in
Base Weld Size:	0.125	in
Orientation Offset:	-	°
Analysis Type:	Plastic	
Neutral Axis:	225	°



ANCHOR ROD PARAMETERS

Class	Arrangement	Quantity	Diameter (in)	Circle (in)	Grade	F_y (ksi)	F_u (ksi)	Spacing (in)	Offset (°)
Original [ID#26962]	Radial	16	2.25	66	A615-75	75	100	-	-

COMPONENT PROPERTIES

Component	ID	Gross Area (in^2)	Net Area (in^2)	Individual Inertia (in^4)	Moment of Inertia (in^4)	Threads/in
Pole	56.75"ø x 0.4375" (18 Sides)	77.0062	-	-	30529.20	-
Bolt Group	Original (16) 2.25"ø	3.9761	3.2477	0.8393	26101.41	4.5

REACTION DISTRIBUTION

Component	ID	Moment M_u (k-ft)	Axial Load P_u (k)	Shear V_u (k)	Moment Factor
Pole	56.75"ø x 0.4375" (18 Sides)	2868.1	53.24	24.66	1.000
Bolt Group	Original (16) 2.25"ø	2868.1	-	24.66	1.000

BASE PLATE BEND LINE ANALYSIS @ 0 FT

POLE PROPERTIES

Flat-to-Flat Diameter:	56.88	in	Flat Width:	10.029	in	Neutral Axis:	225	°
Point-to-Point Diameter:	57.75	in	Flat Radians:	0.349	rad	Bend Line Limits:	4.877 to 6.119	rad
Orientation Offset:	-	°						

PLATE PROPERTIES

Bend Line	Chord Length (in)	Additional Length (in)	Section Modulus (in^3)	Applied Moment M_u (k-in)	Moment Capacity ΦM_n (k-in)	Flexure Result $M_u/\Phi M_n$
Flats	39.752	0.00	39.752	667.5	2146.6	31.1%
Corners	38.466	0.00	38.466	493.6	2077.2	23.8%
Circumferential	53.555	0.00	53.555	1114.5	2892.0	38.5%

PLASTIC ANCHOR ROD ANALYSIS

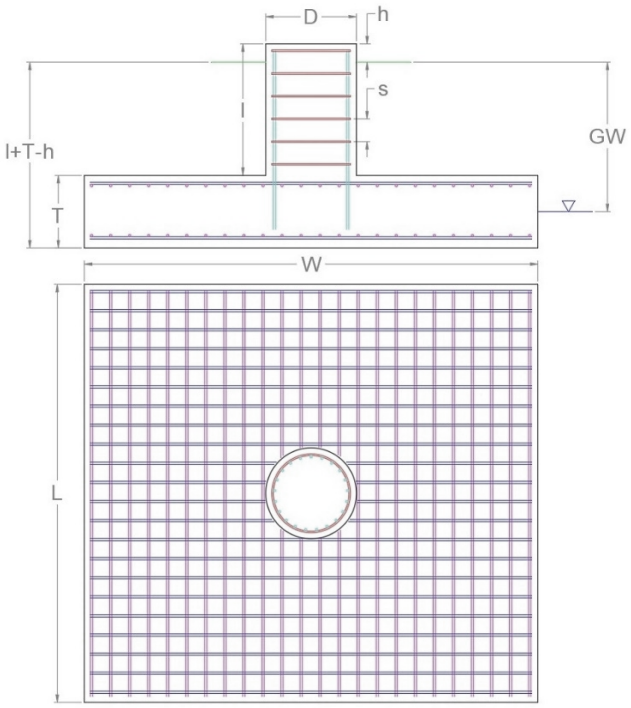
Class	Group Quantity	Rod Diameter (in)	Applied Axial Load P_u (k)	Applied Shear Load V_u (k)	Compressive Capacity ΦP_n (k)	Interaction Result
Original	16	2.25	114.7	2.5	243.6	49.1%

APPLIED GLOBAL REACTIONS

Moment (k-ft)	Axial (k)	Shear (k)
2,868.11	53.24	24.66

FOUNDATION PARAMETERS

Mat Length:	L	23	ft
Mat Width:	W	23	ft
Mat Thickness:	T	3	ft
Base Depth:	L+T-h	8	ft
Pier Shape:		Square	
Pier Width:	D	7.5	ft
Pier Height above Grade:	h	1	ft
Concrete Compressive Strength:		4,000	psi
Mat Top Rebar:		(19) #8 bars [60 ksi]	
Mat Bottom Rebar:		(33) #8 bars [60 ksi]	
Pier Vertical Rebar:		(52) #8 bars [60 ksi]	
Pier Rebar Ties:	s	#4 bars @ 11.0" c/c [60 ksi]	
Rebar Clear Cover:		3.0	in
Tower Eccentricity:	ecc	0	ft
Tower Leg Count		1	



SOIL PARAMETERS

Water Table Depth [BGL]:	GW	8	ft
Soil Unit Weight:		145	pcf
Ultimate Skin Friction:		0	psf
Ultimate Bearing Pressure:		8,000	psf
Bearing Pressure Type:		Gross	
Coefficient of Shear Friction:		0.6	

SOIL STRENGTH ANALYSIS

Soil Strength Reduction Factor, Φ_s	Uplift Strength Reduction Factor, Φ_s	Asset Dead Load Factor	Dead Load Factor
0.75	0.75	0.9	1.2

SOIL OVERTURNING ANALYSIS

Design Moment, $M_{u,Design}$ (k-ft)	Nominal Overturning Capacity, $\Phi_m M_n$ (k-ft)	Soil Overturning Usage, $M_{u,Design} / \Phi_m M_n$	
3,090.05	7,576.14	**40.8%**	✓

SOIL BEARING ANALYSIS

Net Bearing Pressure, $P_{u,Net}$ (psf)	Nominal Bearing Capacity, $\Phi_b P_n$ (k-ft)	Bearing Pressure Controlling Load Direction	Soil Bearing Usage, $P_{u,net} / \Phi_b P_n$	
2,027.00	6,000.00	Diagonal to Pad Edge	**33.8%**	✓

SOIL SLIDING SHEAR ANALYSIS

Applied Shear Force, V_u (k)	Friction Resistance (k)	Passive Pressure (psf)	Passive Pressure Resistance (k)	Nominal Shear Capacity, $\Phi_s V_n$ (k)	Soil Sliding Shear Usage, $V_u / \Phi_s V_n$	
24.66	0.00	942.5	65.03	352.88	**7.0%**	✓

MAT REINFORCING STEEL STRENGTH ANALYSIS

Steel Elastic Modulus, E (ksi)	Strength Bending/Tension Reduction Factor, Φ_b	Strength Shear Reduction Factor, Φ_v	Strength Compression Reduction Factor, Φ_c
29,000	0.9	0.75	0.65

MAT REINFORCING ONE WAY SHEAR ANALYSIS

One Way Design Shear, V_u (k)	Nominal One Way Shear Capacity, $\Phi_c V_n$ (k)	One Way Shear Controlling Load Direction	Mat One Way Shear Usage, $V_u / \Phi_c V_n$	
84.02	717.43	Diagonal to Pad Edge	**11.7%**	✓

MAT REINFORCING PUNCHING SHEAR ANALYSIS

Punching Shear Design Stress, v_u (psi)	Nominal Punching Shear Capacity, $\Phi_c v_n$ (psi)	Mat Punching Shear Usage, $v_u / \Phi_c v_n$	
29.1	189.7	**15.4%**	✓

MAT REINFORCING MOMENT TRANSFER ANALYSIS

Moment Transfer Effective Flexural Width, w_f (in)	Neutral Axis Depth (in)	Pier Moment at Joint, M_{ut} (k-in)	Nominal Moment Transfer Capacity, $\Phi M_{sc,f}$ (k-in)	Mat Moment Transfer Usage, $0.6\ M_{ut} / \Phi M_{sc,f}$	
16.50	1.73	0.00	32,692.5	**0.0%**	✓

MAT REINFORCING FLEXURE ANALYSIS – UPPER STEEL

Factored Moment, M_u (k-ft)	Nominal Flexural Capacity, ΦM_n (k-ft)	Flexural Steel Controlling Load Direction	Mat Upper Rebar Flexure Usage, $M_u / \Phi M_n$	
811.59	2,133.89	Parallel to Pad Edge	**38.0%**	✓

MAT REINFORCING FLEXURE ANALYSIS – LOWER STEEL

Factored Moment, M_u (k-ft)	Nominal Flexural Capacity, ΦM_n (k-ft)	Flexural Steel Controlling Load Direction	Mat Lower Rebar Flexure Usage, $M_u / \Phi M_n$	
1,048.70	3,670.97	Parallel to Pad Edge	**28.6%**	✓

PIER REINFORCING STEEL STRENGTH ANALYSIS

Rebar Cage Diameter (in)	Steel Elastic Modulus, E (ksi)	Strength Bending/Tension Reduction Factor, Φ_b	Strength Shear Reduction Factor, Φ_v	Strength Compression Reduction Factor, Φ_c
82.00	29,000	0.9	0.75	0.65

PIER REINFORCING MOMENT ANALYSIS

Design Moment, M_u (k-ft)	Nominal Moment Capacity, $\Phi_b M_n$ (k-ft)	Bending Reinforcement Ratio	Pier Rebar Flexure Usage, $M_u/\Phi_b M_n$	
3,016.07	7,411.83	0.005	**40.7%**	✓

PIER REINFORCING COMPRESSION ANALYSIS

Design Compression, P_u (k)	Nominal Compressive Capacity, $\Phi_p P_n$ (k)	Pier Rebar Compressive Usage, $P_u / \Phi_p P_n$	
53.24	14,272.82	**0.4%**	✓

PIER REINFORCING SHEAR ANALYSIS

Design Shear, V_u (k)	Nominal Shear Capacity, $\Phi_v V_n$ (k)	Pier Rebar Shear Usage, $V_u / \Phi_v V_n$	
24.66	888.78	**2.8%**	✓

EXHIBIT 4

Colliers Engineering & Design CT, P.C.
1055 Washington Boulevard
Stamford, CT 06901
203.324.0800
peter.albano@collierseng.com

Antenna Mount Analysis Report and PMI Requirements

Mount ReAnalysis

SMART Tool Project #: 10207602
Colliers Engineering & Design CT, P.C. Project #: 23777176

July 24, 2023

Site Information	*Site ID:*	*5000385799-VZW / HAWLEYVILLE CT*
	Site Name:	*HAWLEYVILLE CT*
	Carrier Name:	*Verizon Wireless*
	Address:	*6 Fairfield Dr.* *Newtown, Connecticut 06470* *Fairfield County*
	Latitude:	*41.425528°*
	Longitude:	*-73.374047°*
Structure Information	*Tower Type:*	*151-Ft Monopole*
	Mount Type:	*10.67-Ft Platform*

FUZE ID # 17123980

Analysis Results

Platform: **81.0% Pass***

***Antennas and equipment to be installed in compliance with PMI Requirements of this mount analysis.**

******Contractor PMI Requirements*:**
Included at the end of this MA report
Available & Submitted via portal at https://pmi.vzwsmart.com

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

Report Prepared By: Cody Sherman

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: 324079, dated March 30, 2021*
Mount Mapping Report	*FDH Infrastructure Services, Site #: 302518, dated April 4, 2021*
Previous Mount Analysis	*Maser Consulting Connecticut Project #: 21777531, dated May 28, 2021*
Post Modification Inspection	*Maser Consulting Connecticut Project #: 21777531, dated November 15, 2022*
Final Loading Guidance	*Filter Add Scope Provided by Verizon Wireless*

Analysis Criteria:

Codes and Standards:	ANSI/TIA-222-H 2022 Connecticut State Building Code (CSBC), Effective October 1, 2022	
Wind Parameters:	Basic Wind Speed (Ultimate 3-sec. Gust), V_{ULT}:	120 mph
	Ice Wind Speed (3-sec. Gust):	50 mph
	Design Ice Thickness:	1.00 in
	Risk Category:	II
	Exposure Category:	B
	Topographic Category:	1
	Topographic Feature Considered:	N/A
	Topographic Method:	N/A
	Ground Elevation Factor, K_e:	0.985
Seismic Parameters:	S_S:	0.209 g
	S_1:	0.055 g
Maintenance Parameters:	Wind Speed (3-sec. Gust):	30 mph
	Maintenance Load, Lv:	250 lbs.
	Maintenance 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
138.50	141.50	3	Samsung	MT6407-77A	Retained
	140.00	4	KAelus	KA-6030	Added
		6	Commscope	JAHH-65B-R3B	Retained
		6	Decibel	DB846H80E-SX0	
		3	Samsung	B2/B66A RRH-BR049	
		3	Samsung	B5/B13 RRH-BR04C	
		3	Commscope	CBC78T-DS-43	
		1	Raycap	RRODC-6627-PF-48	
	137.50	3	Samsung	XXDWMM-12.5-65-8T	

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

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

Standard Conditions:

1. All engineering services are performed on the basis that the information provided to Colliers Engineering & Design CT, P.C. 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 Colliers Engineering & Design CT, P.C. to verify deviation will not adversely impact the analysis.

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

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

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

3. For mount analyses completed from other data sources (including new replacement mounts) and not specifically mapped in accordance with the NSTD-446 Standard, the mounts are assumed to have been properly fabricated, installed and maintained in good condition, twist free and plumb in accordance with its original design and manufacturer's specifications.

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

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

6. All services are performed, results obtained, and recommendations made in accordance with generally accepted engineering principles and practices. Colliers Engineering & Design CT, P.C. is not responsible for the conclusion, opinions, and recommendations made by others based on the information supplied.

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

Discrepancies between in-field conditions and the assumptions listed above may render this analysis invalid unless explicitly approved by Colliers Engineering & Design CT, P.C.

Analysis Results:

Component	Utilization %	Pass/Fail
Face Horizontal	75.0%	Pass
Standoff Horizontal	55.0%	Pass
Corner Plate	81.0%	Pass
Support Rail	57.0%	Pass
Mount Pipe	61.0%	Pass
Corner Standoff	22.0%	Pass
Corner Standoff HSS	19.0%	Pass
Support Rail Angle	58.0%	Pass
Ladder	17.0%	Pass
Connection Check	57.8%	Pass

Structure Rating – *(Controlling Utilization of all Components)*	**81.0%**

Mount Steel (EPA)a per ANSI/TIA-222-H Section 2.6.11.2:

Ice Thickness (In)	Mount Pipes Excluded		Mount Pipes Included	
	Front (EPA)a (Sq. Ft.)	Side (EPA)a (Sq. Ft.)	Front (EPA)a (Sq. Ft.)	Side (EPA)a (Sq. Ft.)
0	29.6	28.4	49.5	48.3
0.5	36.4	35.5	64.8	62.9
1	42.8	41.7	79.2	76.9

Notes:
- (EPA)a values listed above may be used in the absence of more precise information
- (EPA)a values in the table above include 3 sector(s).
- Ka factors included in (EPA)a calculations

Requirements:

The existing mount is **SUFFICIENT** for the final loading configuration shown in attachment 2 and do not require modifications. Additional requirements are noted below.

Install (4) KA-6030 filters to the support rails of the Alpha and Beta sectors (2 filters per sector).

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

Attachments:

1. **Contractor Required Post Installation Inspection (PMI) Report Deliverables**
2. Antenna Placement Diagrams
3. Mount Photos
4. Mount Mapping Report (for reference only)
5. Analysis Calculations

Mount Desktop – Post Modification Inspection (PMI) Report Requirements

Documents & Photos Required from Contractor – Passing Mount Analysis

Passing Mount Analysis requires a PMI due to a modification in loading.

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

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

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MDG #: 5000385799 SMART Project #: 10207602 Fuze Project ID: 17123980

Purpose – to provide SMART Tool structural vendor 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:

- If installation will cause damage to the structure, the climbing facility, or safety climb if present or any installed system, SMART Tool vendor to be notified prior to install. Any special photos outside of the standard requirements will be indicated on the drawings.
- Provide "as built mount drawings" showing contractor's name, contact information, preparer's signature, and date. Any deviations from the drawings (Proposed modification) shall be shown. NOTE: If loading is different than what is conveyed in the passing mount analysis (MA) contact the SMART Tool vendor immediately.
- Each photo should be time and date stamped
- Photos should be high resolution.
- 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. If there is conflict, contact the SMART Tool engineer for recommendations.
- The PMI can be accessed at the following portal: ***https://pmi.vzwsmart.com***

Photo Requirements:

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

        - These photos shall also certify that the placement and geometry of the equipment on the mount is as depicted in the antenna placement diagram in this form.
    - Photos that show the model number of each antenna and piece of equipment installed per sector.

Antenna & equipment placement and Geometry Confirmation:

- The contractor shall certify that the antenna & equipment placement and geometry is in accordance with the sketch and table as included in the mount analysis and noted below.

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

OR

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

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

Issue:

Install (4) KA-6030 filters to the support rails of the Alpha and Beta sectors (2 filters per sector).

Response:

Special Instruction Confirmation:

☐ The contractor has read and acknowledges the above special instructions.

☐ All hardware listed in the Special Instructions above (if applicable) has been properly installed, and the existing hardware was inspected.

☐ The material utilized was as specified in the SMART Tool engineering vendor Special Instructions above (if applicable) and included in the material certification folder is a packing list or invoice for these materials.

OR

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

Comments:

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

☐ Yes ☐ No

Contractor certifies no new damage created during the current installation:

☐ Yes ☐ No

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

☐ Safety Climb in Good Condition ☐ Safety Climb Damaged

Certifying Individual:

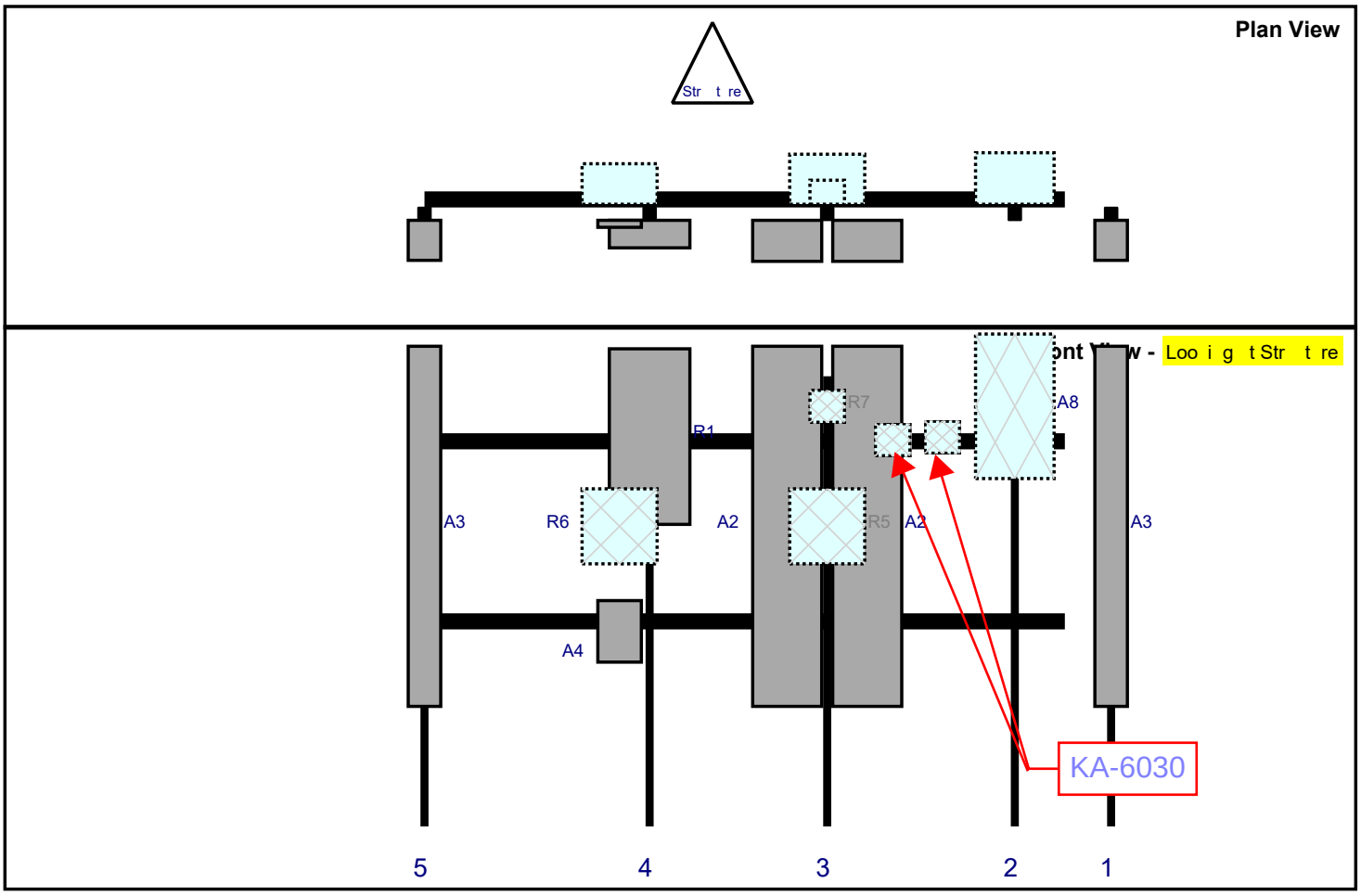
Company:	
Employee Name:	
Contact Phone:	
Email:	
Date:	

Structure: 00038 799-VZW - HAWLEYVILLE CT

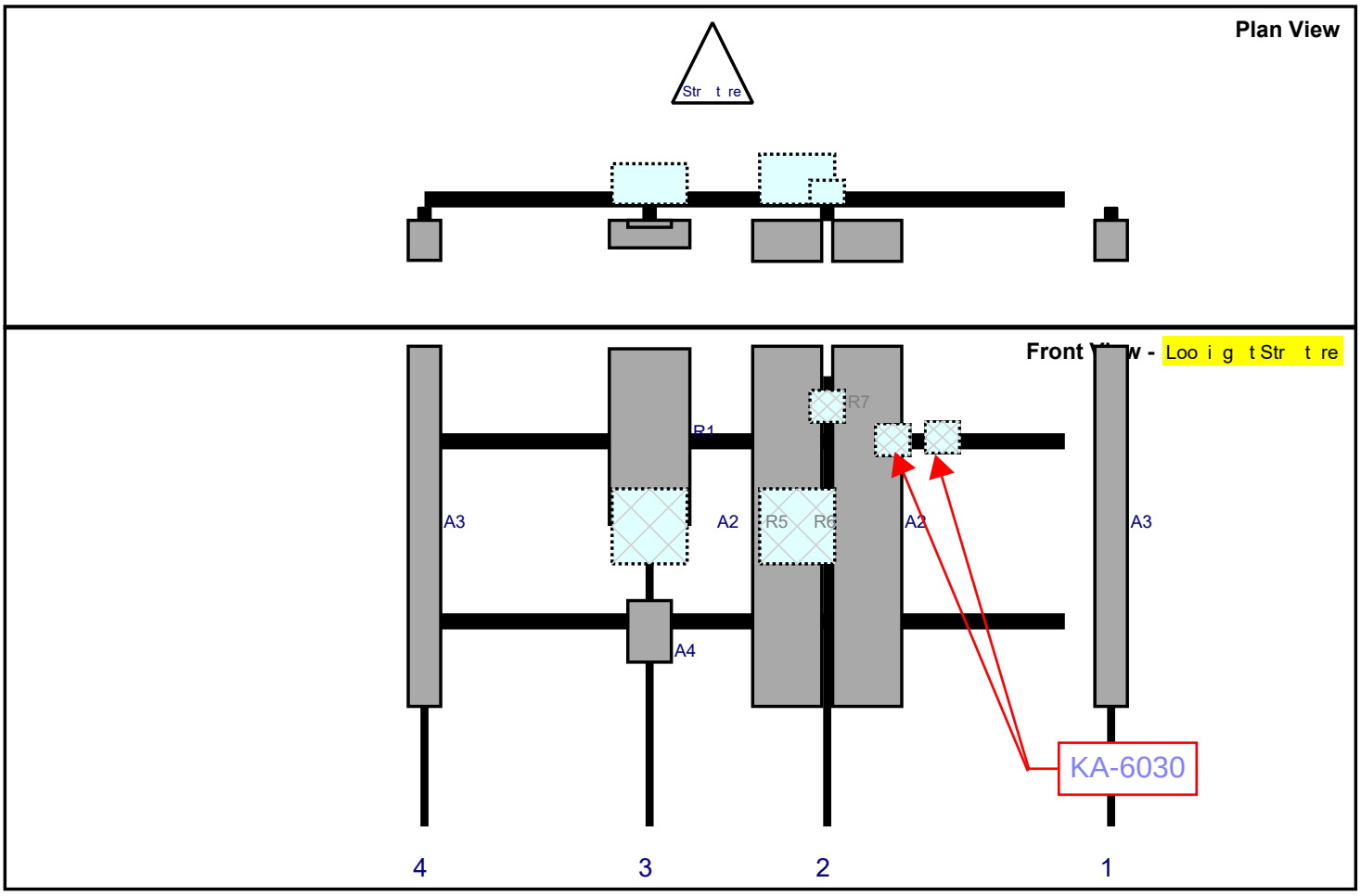
Se tor: **A** 7/23/2023

Str t re Type: Mo opole 10207602

Mo t Elev: 138.50 P ge: 1

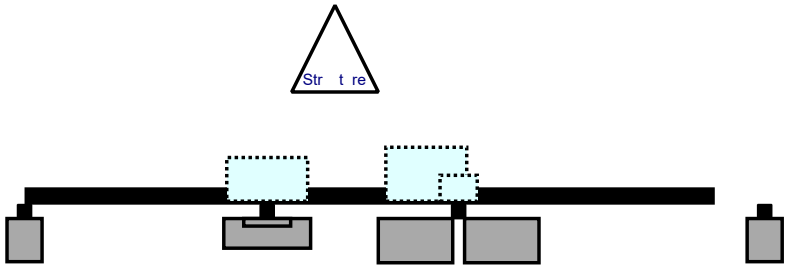


Re #	Model	Height (i)	Width (i)	H Dist Fr L.	Pipe #	Pipe Pos V	A t Pos	C. A t Fr T.	A t H O	St t s	V lid tio
A3	DB846H80E-S 0	72	6.5	137.25	1		Fro t	30	0	Ret i ed	10/28/2022
A8	RRODC-3315-PF-48	28.9	15.7	118	2		Behi d	6	0	Ret i ed	04/04/2021
A2	JAHH-65B-R3B	72	13.8	80.5	3		Fro t	30	8	Ret i ed	10/28/2022
A2	JAHH-65B-R3B	72	13.8	80.5	3		Fro t	30	-8	Ret i ed	10/28/2022
R5	B2/B66A RRH-BR049	15	15	80.5	3		Behi d	30	0	Ret i ed	10/28/2022
R7	CBC78T-DS-43	6.4	6.9	80.5	3		Behi d	6	0	Ret i ed	10/28/2022
A4	DWMM-12.5-65-8T	12.3	8.7	45	4		Fro t	51	-6	Ret i ed	10/28/2022
R1	MT6407-77A	35.1	16.1	45	4		Fro t	12.06	0	Ret i ed	10/28/2022
R6	B5/B13 RRH-BR04C	15	15	45	4		Behi d	30	-6	Ret i ed	10/28/2022
A3	DB846H80E-S 0	72	6.5		5		Fro t	30	0	Ret i ed	10/28/2022
M16	A-6030	10.6	10.9		Me er					Added	
M33	A-6030	10.6	10.9		Me er					Added	
M16	A-6030	10.6	10.9		Me er					Added	
M33	A-6030	10.6	10.9		Me er					Added	

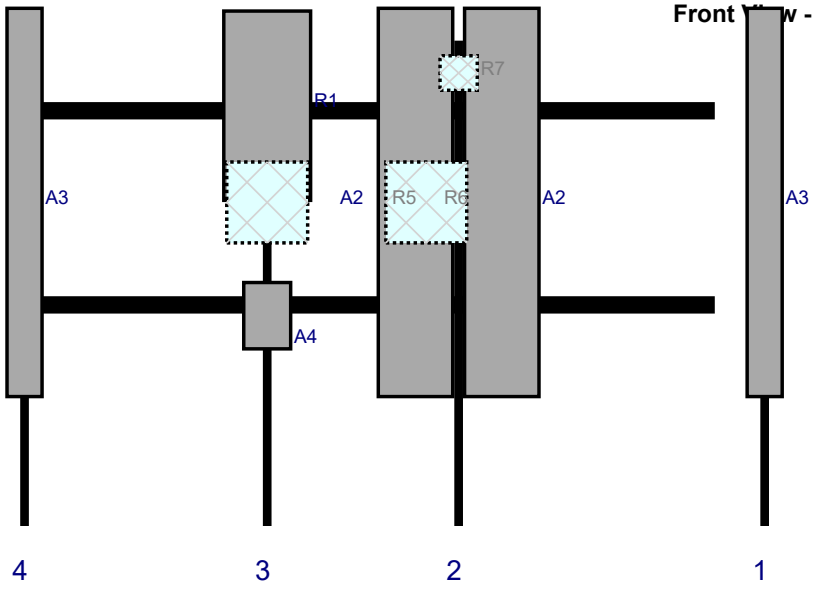


Re #	Model	Height (i)	Width (i)	H Dist Fr L.	Pipe #	Pipe Pos V	A t Pos	C. A t Fr T.	A t H O	St t s	V lid tio
A3	DB846H80E-S 0	72	6.5	137.25	1		Fro t	30	0	Ret i ed	10/28/2022
A2	JAHH-65B-R3B	72	13.8	80.5	2		Fro t	30	8	Ret i ed	10/28/2022
A2	JAHH-65B-R3B	72	13.8	80.5	2		Fro t	30	-8	Ret i ed	10/28/2022
R5	B2/B66A RRH-BR049	15	15	80.5	2		Behi d	30	-6	Ret i ed	10/28/2022
R7	CBC78T-DS-43	6.4	6.9	80.5	2		Behi d	6	0	Ret i ed	10/28/2022
A4	DWMM-12.5-65-8T	12.3	8.7	45	3		Fro t	51	0	Ret i ed	10/28/2022
R1	MT6407-77A	35.1	16.1	45	3		Fro t	12.06	0	Ret i ed	10/28/2022
R6	B5/B13 RRH-BR04C	15	15	45	3		Behi d	30	0	Ret i ed	10/28/2022
A3	DB846H80E-S 0	72	6.5		4		Fro t	30	0	Ret i ed	10/28/2022

Plan View



Front View - Loo i g t Str t re



Re #	Model	Height (i)	Width (i)	H Dist Fr L.	Pipe #	Pipe Pos V	A t Pos	C. A t Fr T.	A t H O	St t s	V lid tio
A3	DB846H80E-S 0	72	6.5	137.25	1		Fro t	30	0	Ret i ed	10/28/2022
A2	JAHH-65B-R3B	72	13.8	80.5	2		Fro t	30	8	Ret i ed	10/28/2022
A2	JAHH-65B-R3B	72	13.8	80.5	2		Fro t	30	-8	Ret i ed	10/28/2022
R5	B2/B66A RRH-BR049	15	15	80.5	2		Behi d	30	-6	Ret i ed	10/28/2022
R7	CBC78T-DS-43	6.4	6.9	80.5	2		Behi d	6	0	Ret i ed	10/28/2022
A4	DWMM-12.5-65-8T	12.3	8.7	45	3		Fro t	51	0	Ret i ed	10/28/2022
R1	MT6407-77A	35.1	16.1	45	3		Fro t	12.06	0	Ret i ed	10/28/2022
R6	B5/B13 RRH-BR04C	15	15	45	3		Behi d	30	0	Ret i ed	10/28/2022
A3	DB846H80E-S 0	72	6.5		4		Fro t	30	0	Ret i ed	10/28/2022


Oct 28, 2022 at 1:02:55 PM
I-84 W
Newtown CT 06470
United States


Oct 28, 2022 at 1:03:46 PM
I-84 W
Newtown CT 06470
United States

V3.0 Updated on 8-31-2020

PAUL J. FORD & COMPANY

Antenna Mount Mapping Form (PATENT PENDING)

FCC #

Tower Owner:	American Tower	**Mapping Date:**	4/4/2021
Site Name:	Newton CT 3	**Tower Type:**	Monopole
Site Number or ID:	302518	**Tower Height (Ft.):**	151
Mapping Contractor:	FDH-IS	**Mount Elevation (Ft.):**	142

Mount Pipe Configuration and Geometries [Unit = Inches]

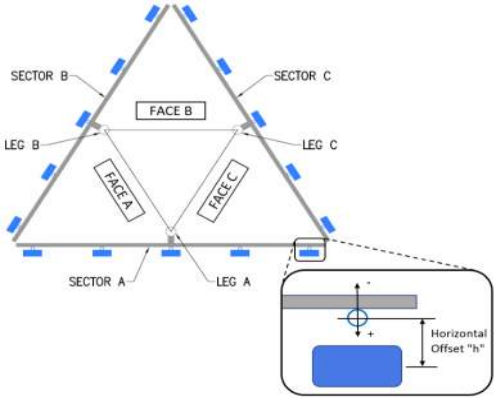
Sector / Position	Mount Pipe Size & Length	Vertical Offset Dimension "u"	Horizontal Offset "C1, C2, C3, etc."	Sector / Position	Mount Pipe Size & Length	Vertical Offset Dimension "u"	Horizontal Offset "C1, C2, C3, etc."
A1	2.4"Ø x 0.154" x 8.5'	49.00	0.00	C1	2.4"Ø x 0.154" x 8.5'	49.00	0.00
A2	2.4"Ø x 0.154" x 6.0'	55.00	10.00	C2	2.4"Ø x 0.154" x 8.0'	60.00	47.50
A3	2.4"Ø x 0.154" x 8.0'	60.00	47.50	C3	2.4"Ø x 0.154" x 8.5'	49.00	83.00
A4	2.4"Ø x 0.154" x 8.5'	49.00	83.00	C4	2.4"Ø x 0.154" x 8.5'	49.00	128.00
A5	2.4"Ø x0.154" x 8.5'	49.00	128.00	C5			
A6				C6			
B1	2.4"Ø x 0.154" x 8.5'	49.00	0.00	D1			
B2	2.4"Ø x 0.154" x 8.0'	60.00	47.50	D2			
B3	2.4"Ø x 0.154" x 8.5'	49.00	83.00	D3			
B4	2.4"Ø x 0.154" x 8.5'	49.00	128.00	D4			
B5				D5			
B6				D6			

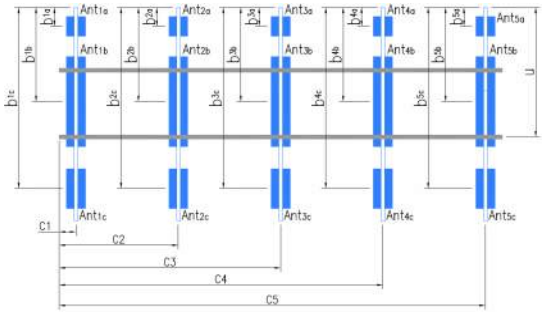
Distance between bottom rail and mount CL elevation (dim d). Unit is inches. See 'Mount Elev Ref' tab for details. :	0.00
Distance from top of bottom support rail to lowest tip of ant./eqpt. of Carrier above. (N/A if > 10 ft.) :	1
Distance from top of bottom support rail to highest tip of ant./eqpt. of Carrier below. (N/A if > 10 ft.) :	1

Please enter additional infomation or comments below.

(6) 1 5/8" Coax; (1) 1 1/2"Ø Coax; (1) 1 1/2"Ø Fiber; (1) 1/2" Coax

Tower Face Width at Mount Elev. (ft.):		Tower Leg Size or Pole Shaft Diameter at Mount Elev. (in.):	24



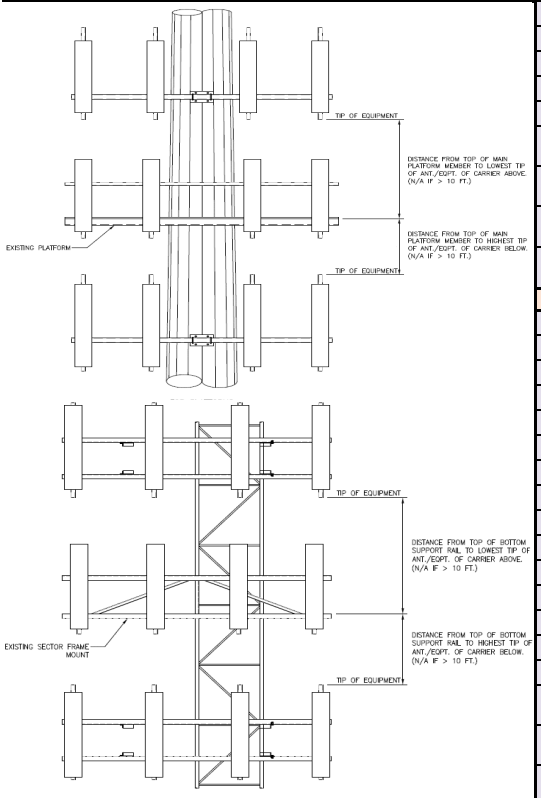


Antenna Layout (Looking Out From Tower)

Ants. Items	Enter antenna model. If not labeled, enter "Unknown". Antenna Models if Known	Width (in.)	Depth (in.)	Height (in.)	Coax Size and Qty	Antenna Center-line (Ft.)	Mounting Locations [Units are inches and degrees] Vertical Distances"b_{1a}, b_{2a}, b_{3a}, b_{1b}...." (Inches)	Horiz. Offset "h" (Use "-" if Ant. is behind)	Antenna Azimuth (Degrees)	Photos of antennas Photo Numbers
Sector A										
Ant_{1a}	Unknown	6.00	8.00	72.00		143.333	33.00	5.00	60.00	
Ant_{1b}										
Ant_{1c}										
Ant_{2a}	RayCap RRODC-6627-	15.00	10.00	19.00		146.583	0.00	9.00		
Ant_{2b}										
Ant_{2c}										
Ant_{3a}	(2) Andrew Jahh-65B-	14.00	8.50	72.00		143.583	41.00	12.00	60.00	
Ant_{3b}	(2) Andrew CBC78T-D	7.00	4.50	6.50		146.583	5.00	4.00		
Ant_{3c}	Samsung RFV01U-D1A	16.00	12.00	16.00		144.542	29.50	9.00		
Ant_{4a}	Samsung RFV01U-D1A	16.00	12.00	16.00		143.625	29.50	9.00		
Ant_{4b}	Samsung RT 4401-48A	8.00	5.00	15.00		142.833	39.00	6.00		
Ant_{4c}										
Ant_{5a}	Unknown	6.00	8.00	72.00		143.333	33.00	5.00	60.00	
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:	60.00	Deg	Leg A:		Deg
Sector B:	180.00	Deg	Leg B:		Deg
Sector C:	300.00	Deg	Leg C:		Deg
Sector D:		Deg	Leg D:		Deg

Climbing Facility Information			
Location:	100.00	Deg	Other
Climbing Facility	Corrosion Type:		Good condition.
	Access:		Climbing path was unobstructed.
	Condition:		Good condition.



Sector B										
Ant_{1a}	Unknown	6.00	8.00	72.00		143.333	33.00	5.00	300.00	
Ant_{1b}										
Ant_{1c}										
Ant_{2a}	(2) Andrew Jahh-65B-	14.00	8.50	72.00		143.583	41.00	12.00	300.00	
Ant_{2b}	(2) Andrew CBC78T-D	7.00	4.50	6.50		146.583	5.00	4.00		
Ant_{2c}	Samsung RFV01U-D1A	16.00	12.00	16.00		144.542	29.50	9.00		
Ant_{3a}	Samsung RFV01U-D1A	16.00	12.00	16.00		143.625	29.50	9.00		
Ant_{3b}	Samsung RT 4401-48A	8.00	5.00	15.00		142.833	39.00	6.00		
Ant_{3c}										
Ant_{4a}	Unknown	6.00	8.00	72.00		143.333	33.00	5.00	300.00	
Ant_{4b}										
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										
Sector C										
Ant_{1a}	Unknown	6.00	8.00	72.00		143.333	33.00	5.00	300.00	
Ant_{1b}										
Ant_{1c}										
Ant_{2a}	(2) Andrew Jahh-65B-	14.00	8.50	72.00		143.583	41.00	12.00	300.00	
Ant_{2b}	(2) Andrew CBC78T-D	7.00	4.50	6.50		146.583	5.00	4.00		
Ant_{2c}	Samsung RFV01U-D1A	16.00	12.00	16.00		144.542	29.50	9.00		
Ant_{3a}	Samsung RFV01U-D1A	16.00	12.00	16.00		143.625	29.50	9.00		
Ant_{3b}	Samsung RT 4401-48A	8.00	5.00	15.00		142.833	39.00	6.00		
Ant_{3c}										
Ant_{4a}	Unknown	6.00	8.00	72.00		143.333	33.00	5.00	300.00	
Ant_{4b}										
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										
Sector D										
Ant_{1a}										
Ant_{1b}										
Ant_{1c}										
Ant_{2a}										
Ant_{2b}										
Ant_{2c}										
Ant_{3a}										
Ant_{3b}										
Ant_{3c}										
Ant_{4a}										
Ant_{4b}										
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										

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

1		
2		
3		
4		
5		
6		
7		
8		

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

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

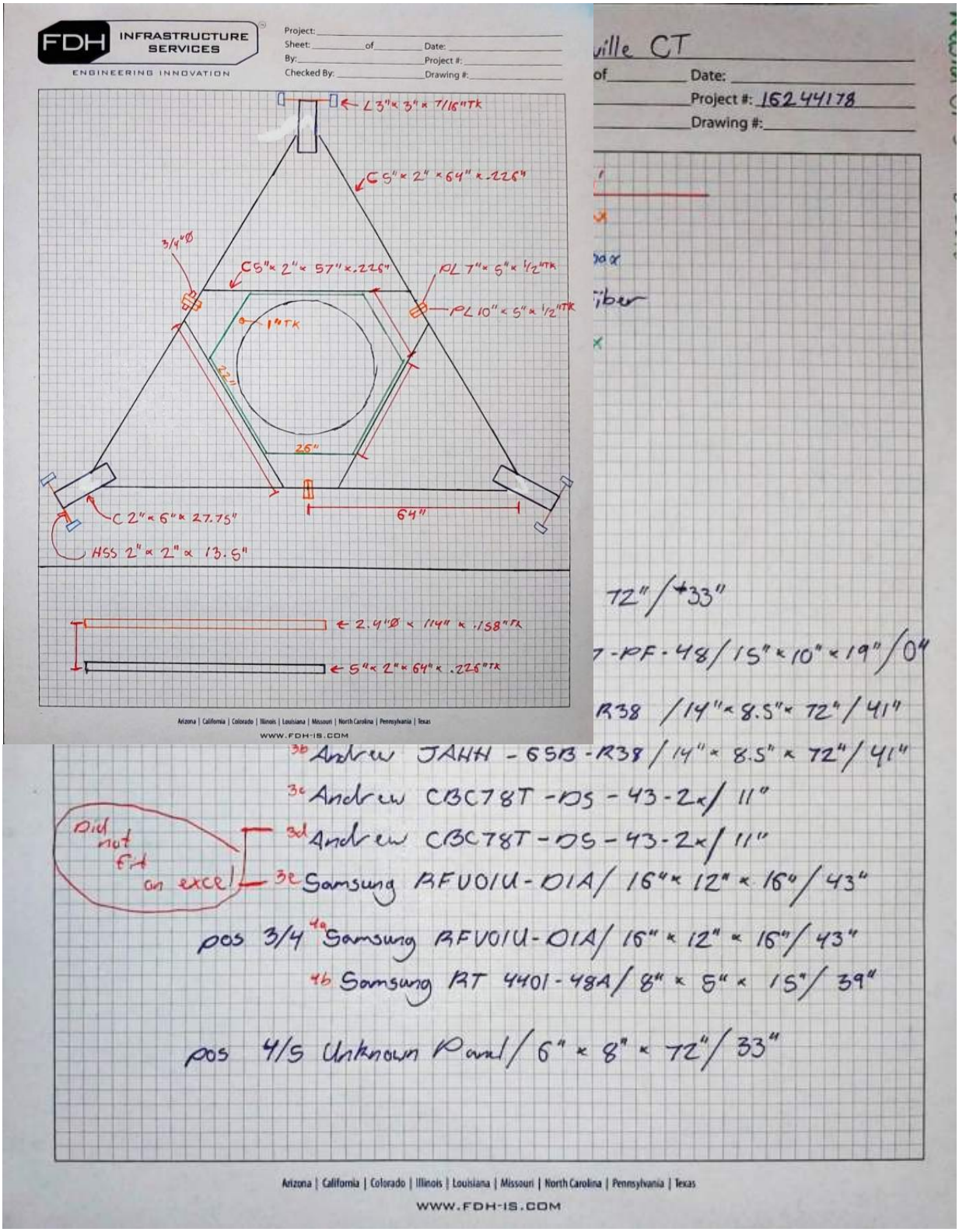
PAUL J. FORD & COMPANY

Antenna Mount Mapping Form (PATENT PENDING)

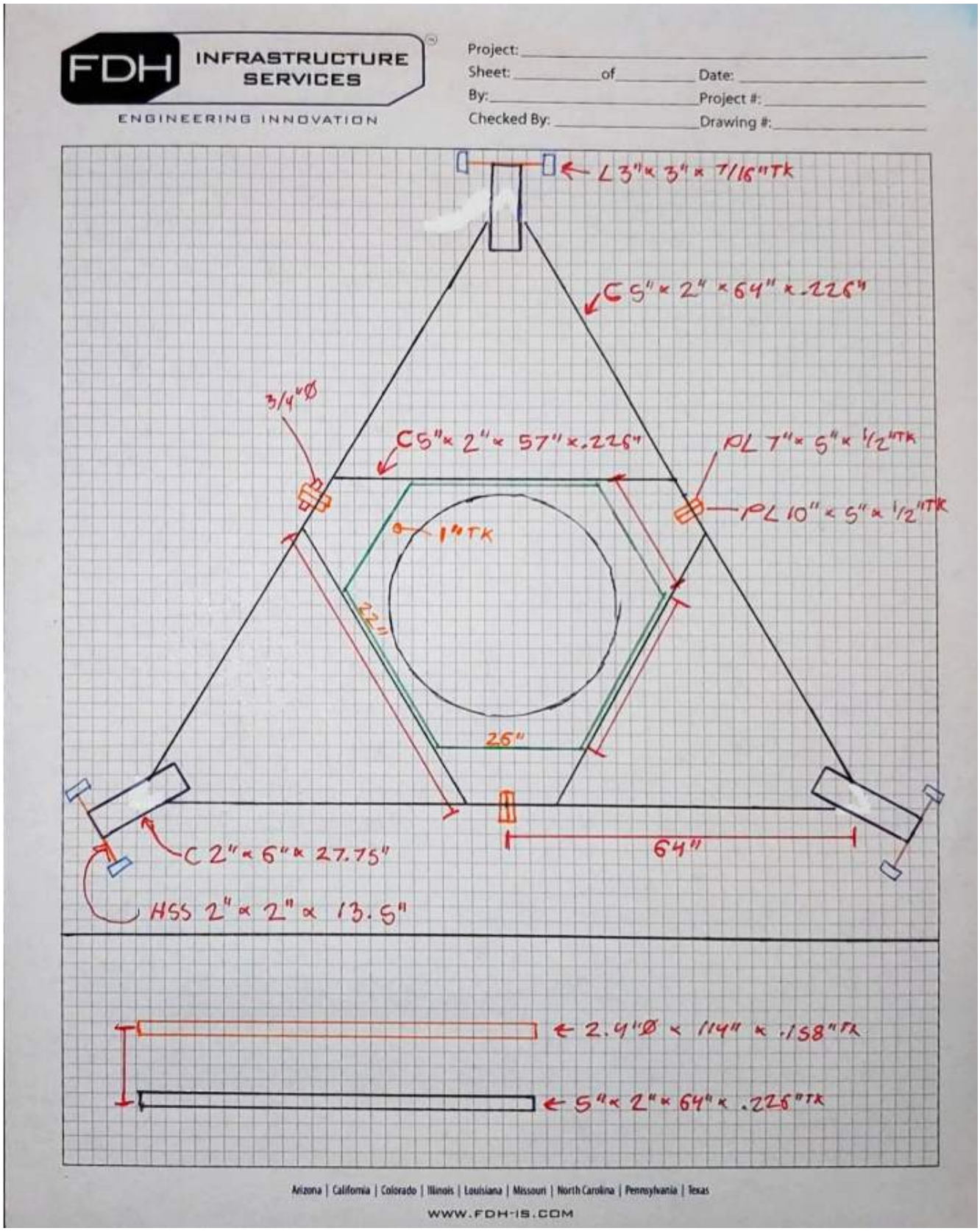
FCC #

Tower Owner:	American Tower	**Mapping Date:**	4/4/2021
Site Name:	Newton CT 3	**Tower Type:**	Monopole
Site Number or ID:	302518	**Tower Height (Ft.):**	151
Mapping Contractor:	FDH-IS	**Mount Elevation (Ft.):**	142

Please Insert Sketches of the Antenna Mount



Please Insert Sketches of the Antenna Mount, cont'd



Please Insert Sketches of the Antenna Mount, cont'd

FDH INFRASTRUCTURE SERVICES

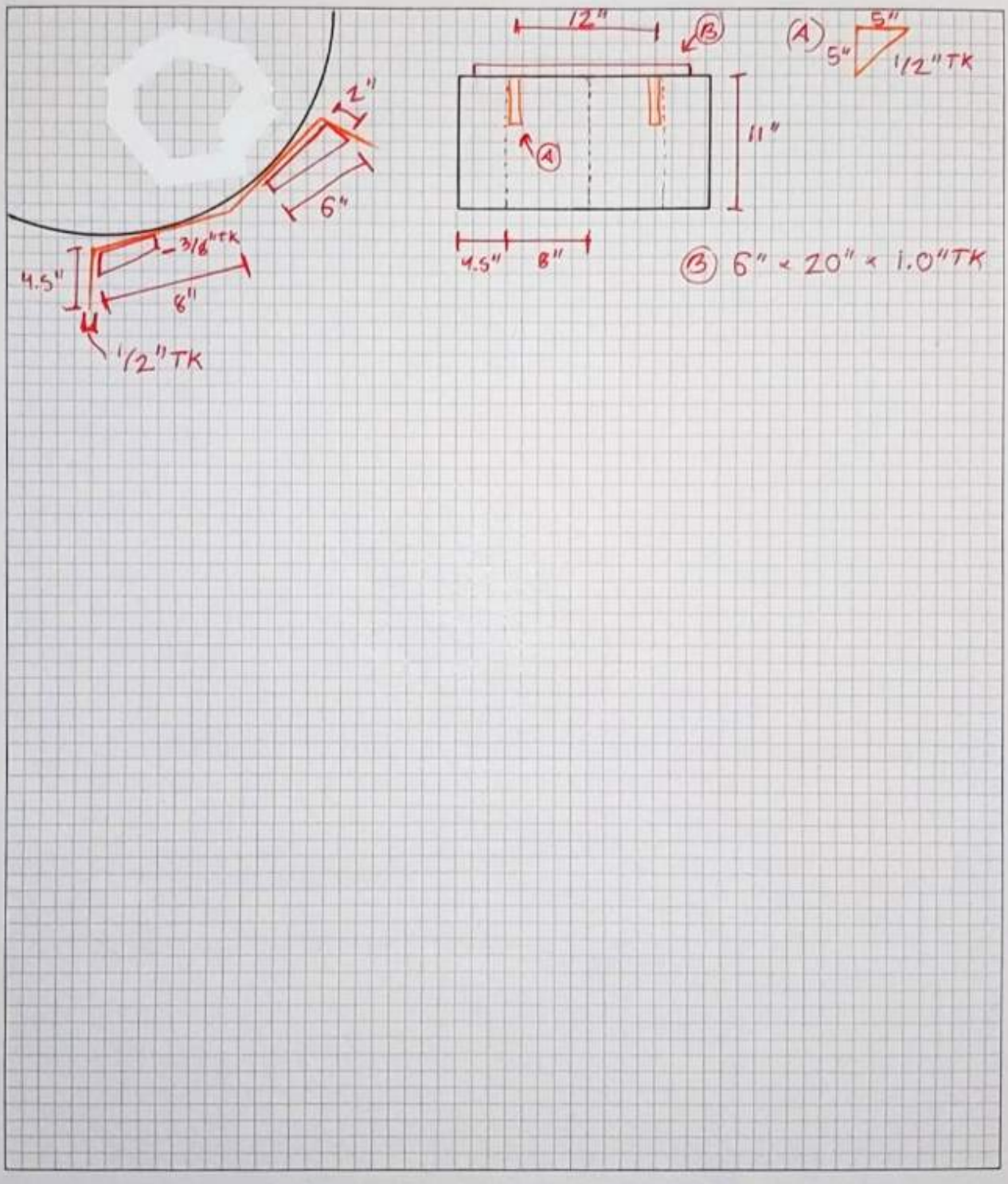
ENGINEERING INNOVATION

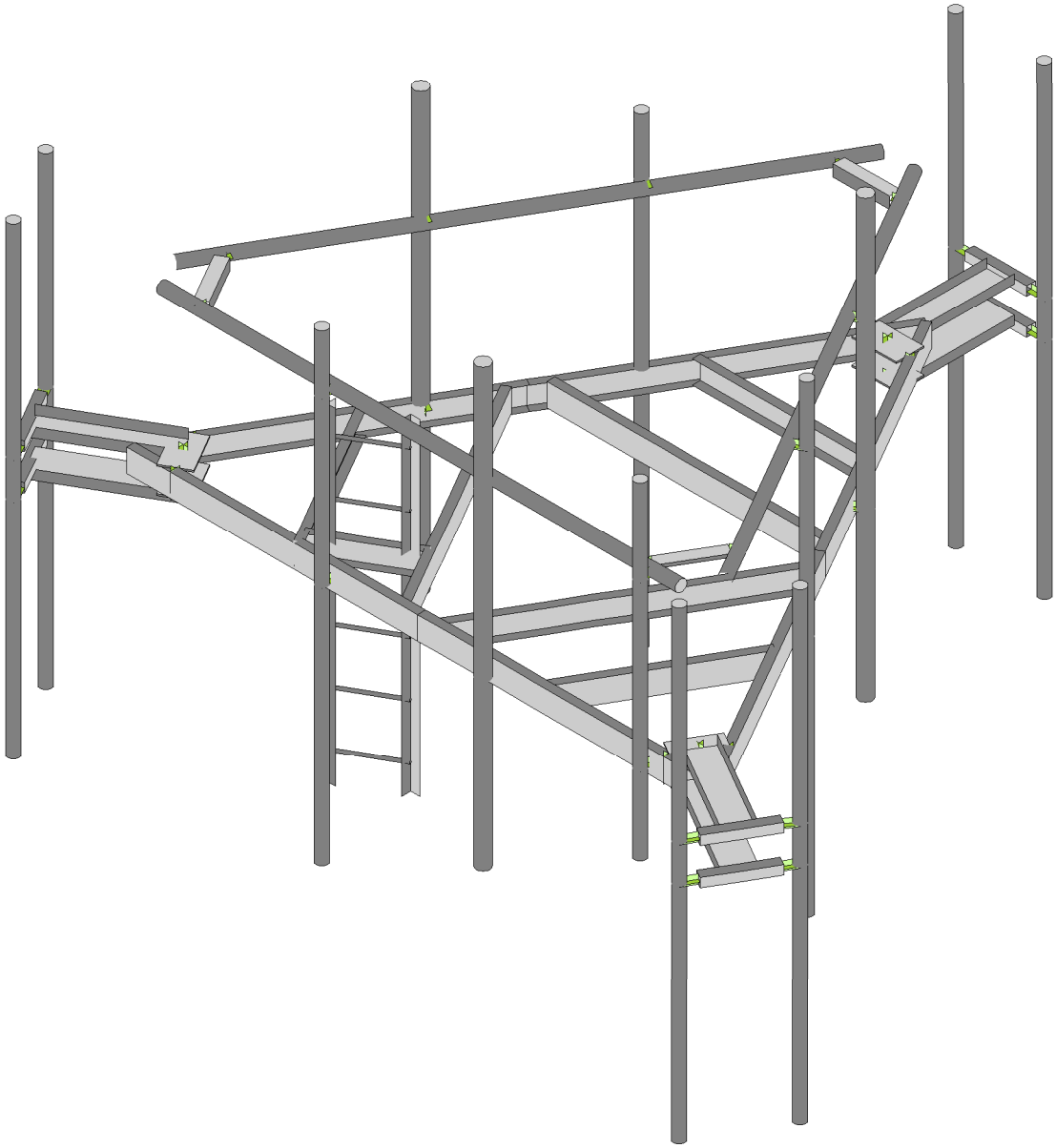
Project: _____

Sheet: _____ of _____ Date: _____

By: _____ Project #: _____

Checked By: _____ Drawing #: _____





Envelope Only Solution

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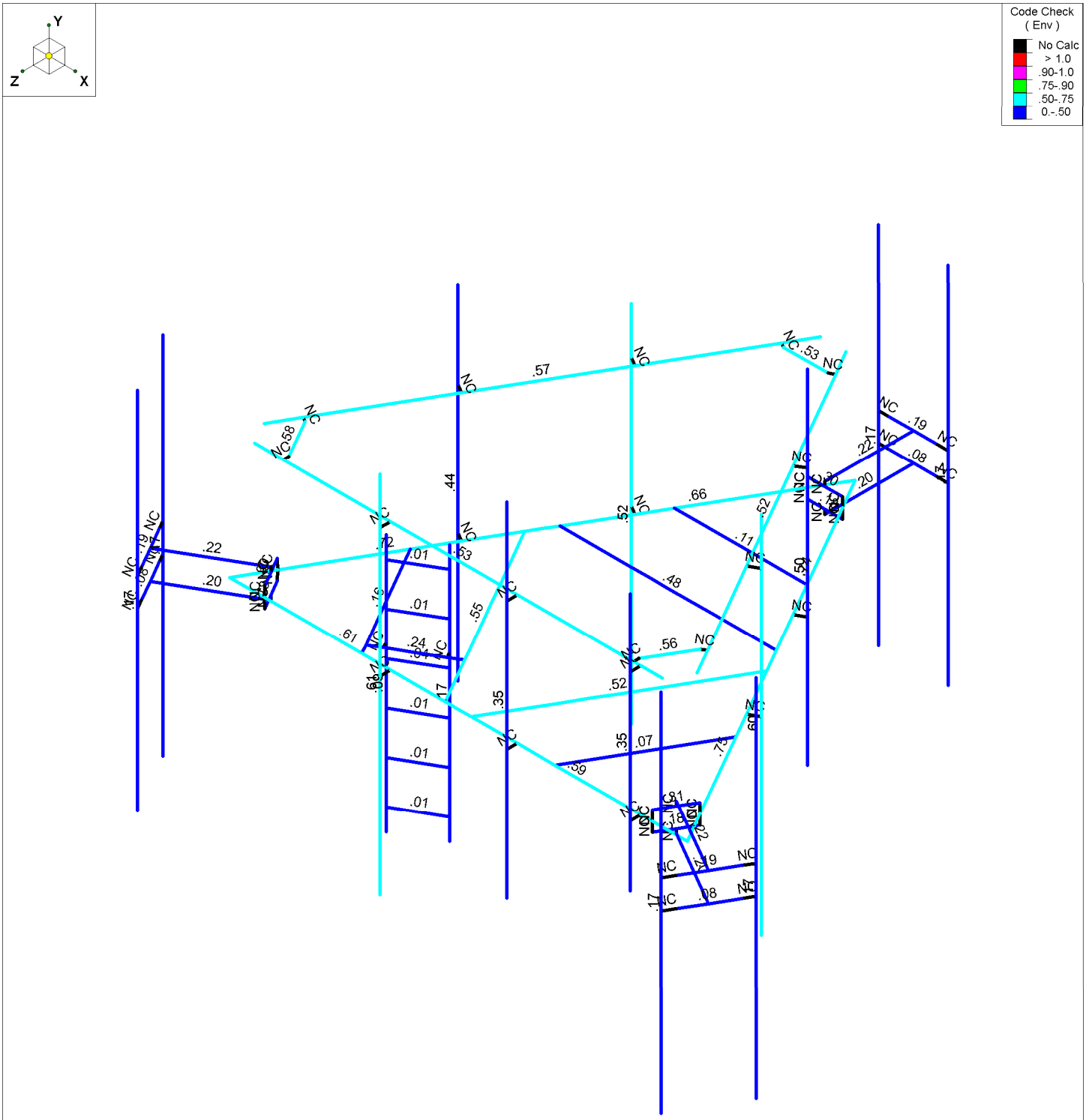

Member Code Checks Displayed (Enveloped)
Envelope Only Solution

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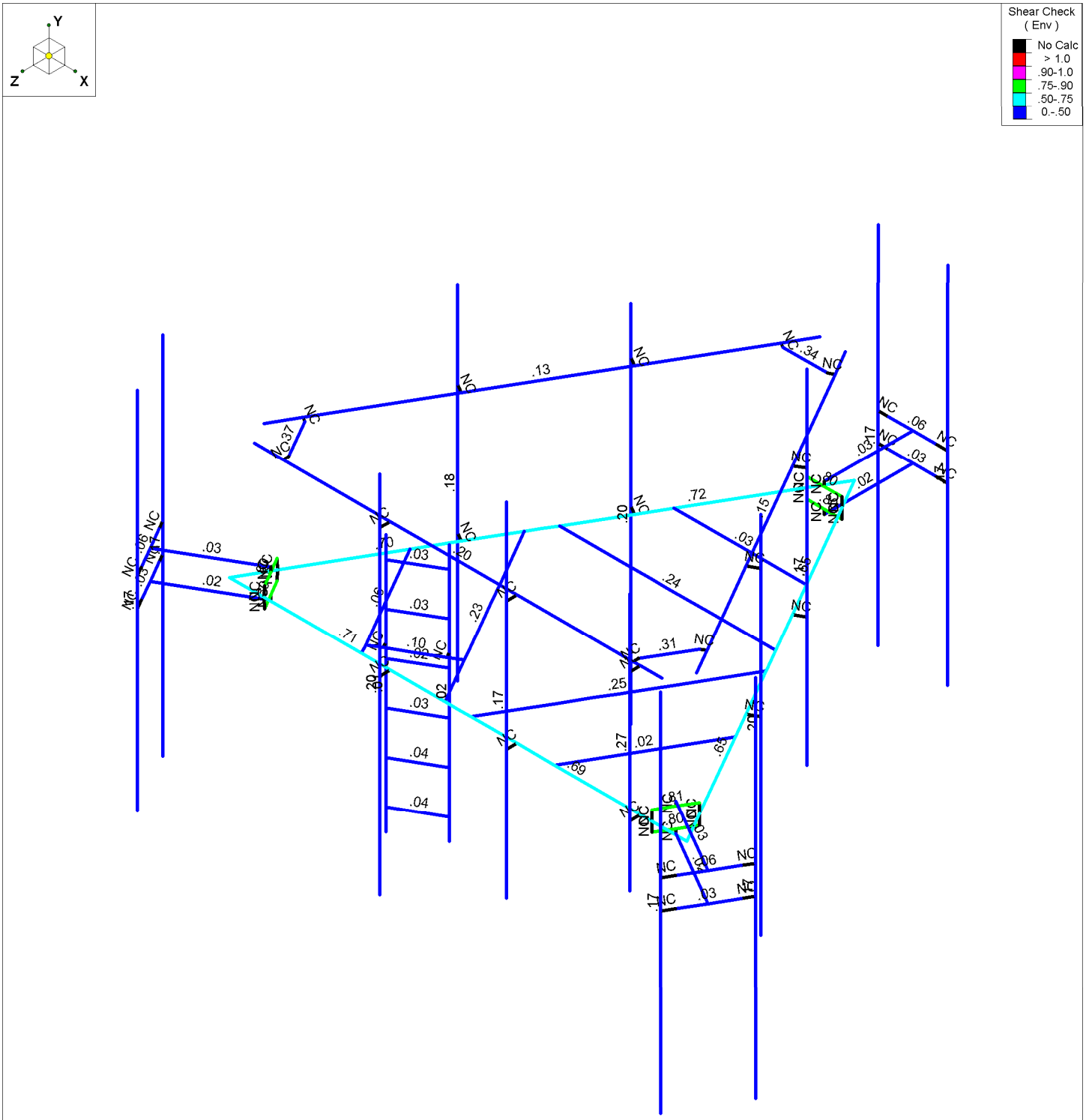

Member Shear Checks Displayed (Enveloped)
Envelope Only Solution

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		5000385799-VZW_MT_LO_H.r3d

Basic Load Cases

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed	Area(Me...	Surface(P...
1	Antenna D	None					141			
2	Antenna Di	None					141			
3	Antenna Wo (0 Deg)	None					141			
4	Antenna Wo (30 Deg)	None					141			
5	Antenna Wo (60 Deg)	None					141			
6	Antenna Wo (90 Deg)	None					141			
7	Antenna Wo (120 Deg)	None					141			
8	Antenna Wo (150 Deg)	None					141			
9	Antenna Wo (180 Deg)	None					141			
10	Antenna Wo (210 Deg)	None					141			
11	Antenna Wo (240 Deg)	None					141			
12	Antenna Wo (270 Deg)	None					141			
13	Antenna Wo (300 Deg)	None					141			
14	Antenna Wo (330 Deg)	None					141			
15	Antenna Wi (0 Deg)	None					141			
16	Antenna Wi (30 Deg)	None					141			
17	Antenna Wi (60 Deg)	None					141			
18	Antenna Wi (90 Deg)	None					141			
19	Antenna Wi (120 Deg)	None					141			
20	Antenna Wi (150 Deg)	None					141			
21	Antenna Wi (180 Deg)	None					141			
22	Antenna Wi (210 Deg)	None					141			
23	Antenna Wi (240 Deg)	None					141			
24	Antenna Wi (270 Deg)	None					141			
25	Antenna Wi (300 Deg)	None					141			
26	Antenna Wi (330 Deg)	None					141			
27	Antenna Wm (0 Deg)	None					141			
28	Antenna Wm (30 Deg)	None					141			
29	Antenna Wm (60 Deg)	None					141			
30	Antenna Wm (90 Deg)	None					141			
31	Antenna Wm (120 Deg)	None					141			
32	Antenna Wm (150 Deg)	None					141			
33	Antenna Wm (180 Deg)	None					141			
34	Antenna Wm (210 Deg)	None					141			
35	Antenna Wm (240 Deg)	None					141			
36	Antenna Wm (270 Deg)	None					141			
37	Antenna Wm (300 Deg)	None					141			
38	Antenna Wm (330 Deg)	None					141			
39	Structure D	None		-1					7	
40	Structure Di	None						58	7	
41	Structure Wo (0 Deg)	None						116		
42	Structure Wo (30 Deg)	None						116		
43	Structure Wo (60 Deg)	None						116		
44	Structure Wo (90 Deg)	None						116		
45	Structure Wo (120 D...	None						116		
46	Structure Wo (150 D...	None						116		
47	Structure Wo (180 D...	None						116		
48	Structure Wo (210 D...	None						116		
49	Structure Wo (240 D...	None						116		
50	Structure Wo (270 D...	None						116		
51	Structure Wo (300 D...	None						116		
52	Structure Wo (330 D...	None						116		
53	Structure Wi (0 Deg)	None						116		

Basic Load Cases (Continued)

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed	Area(Me...	Surface(P...
54	Structure Wi (30 Deg)	None						116		
55	Structure Wi (60 Deg)	None						116		
56	Structure Wi (90 Deg)	None						116		
57	Structure Wi (120 De...	None						116		
58	Structure Wi (150 De...	None						116		
59	Structure Wi (180 De...	None						116		
60	Structure Wi (210 De...	None						116		
61	Structure Wi (240 De...	None						116		
62	Structure Wi (270 De...	None						116		
63	Structure Wi (300 De...	None						116		
64	Structure Wi (330 De...	None						116		
65	Structure Wm (0 Deg)	None						116		
66	Structure Wm (30 De...	None						116		
67	Structure Wm (60 De...	None						116		
68	Structure Wm (90 De...	None						116		
69	Structure Wm (120 D...	None						116		
70	Structure Wm (150 D...	None						116		
71	Structure Wm (180 D...	None						116		
72	Structure Wm (210 D...	None						116		
73	Structure Wm (240 D...	None						116		
74	Structure Wm (270 D...	None						116		
75	Structure Wm (300 D...	None						116		
76	Structure Wm (330 D...	None						116		
77	Lm1	None					1			
78	Lm2	None					1			
79	Lv1	None					1			
80	Lv2	None					1			
81	Antenna Ev	None					141			
82	Antenna Eh (0 Deg)	None					94			
83	Antenna Eh (90 Deg)	None					94			
84	Structure Ev	ELY		-.045					7	
85	Structure Eh (0 Deg)	ELZ			-.111				7	
86	Structure Eh (90 Deg)	ELX	.111						7	
87	BLC 39 Transient Are...	None						59		
88	BLC 40 Transient Are...	None						78		
89	BLC 84 Transient Are...	None						78		
90	BLC 85 Transient Are...	None						78		
91	BLC 86 Transient Are...	None						78		

Load Combinations

	Description	Sol...	PDe...	S...	BLC	Fa...	BLC	Fa...	BLC	Fa...	BLC	Fa...	BLC	Fa...	BLC	Fa...	BLC	Fa...	BLC	Fa...	BLC	Fa...	BLC	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 (...	Yes	Y		1	1.2	39	1.2	2	1	40	1	15	1	53	1								
14	1.2D + 1.0Di + 1.0Wi (...	Yes	Y		1	1.2	39	1.2	2	1	40	1	16	1	54	1								

Load Combinations (Continued)

	Description	Sol...	PDe...	S...	BLC	Fa...	BLC	Fa...	BLC	Fa...	BLC	Fa...	BLC	Fa...	BLC	Fa...	BLC	Fa...	BLC	Fa...	BLC	Fa...	BLC	Fa...
15	1.2D + 1.0Di + 1.0Wi (...	Yes	Y		1	1.2	39	1.2	2	1	40	1	17	1	55	1								
16	1.2D + 1.0Di + 1.0Wi (...	Yes	Y		1	1.2	39	1.2	2	1	40	1	18	1	56	1								
17	1.2D + 1.0Di + 1.0Wi (...	Yes	Y		1	1.2	39	1.2	2	1	40	1	19	1	57	1								
18	1.2D + 1.0Di + 1.0Wi (...	Yes	Y		1	1.2	39	1.2	2	1	40	1	20	1	58	1								
19	1.2D + 1.0Di + 1.0Wi (...	Yes	Y		1	1.2	39	1.2	2	1	40	1	21	1	59	1								
20	1.2D + 1.0Di + 1.0Wi (...	Yes	Y		1	1.2	39	1.2	2	1	40	1	22	1	60	1								
21	1.2D + 1.0Di + 1.0Wi (...	Yes	Y		1	1.2	39	1.2	2	1	40	1	23	1	61	1								
22	1.2D + 1.0Di + 1.0Wi (...	Yes	Y		1	1.2	39	1.2	2	1	40	1	24	1	62	1								
23	1.2D + 1.0Di + 1.0Wi (...	Yes	Y		1	1.2	39	1.2	2	1	40	1	25	1	63	1								
24	1.2D + 1.0Di + 1.0Wi (...	Yes	Y		1	1.2	39	1.2	2	1	40	1	26	1	64	1								
25	1.2D + 1.5Lm1 + 1.0...	Yes	Y		1	1.2	39	1.2	77	1.5	27	1	65	1										
26	1.2D + 1.5Lm1 + 1.0...	Yes	Y		1	1.2	39	1.2	77	1.5	28	1	66	1										
27	1.2D + 1.5Lm1 + 1.0...	Yes	Y		1	1.2	39	1.2	77	1.5	29	1	67	1										
28	1.2D + 1.5Lm1 + 1.0...	Yes	Y		1	1.2	39	1.2	77	1.5	30	1	68	1										
29	1.2D + 1.5Lm1 + 1.0...	Yes	Y		1	1.2	39	1.2	77	1.5	31	1	69	1										
30	1.2D + 1.5Lm1 + 1.0...	Yes	Y		1	1.2	39	1.2	77	1.5	32	1	70	1										
31	1.2D + 1.5Lm1 + 1.0...	Yes	Y		1	1.2	39	1.2	77	1.5	33	1	71	1										
32	1.2D + 1.5Lm1 + 1.0...	Yes	Y		1	1.2	39	1.2	77	1.5	34	1	72	1										
33	1.2D + 1.5Lm1 + 1.0...	Yes	Y		1	1.2	39	1.2	77	1.5	35	1	73	1										
34	1.2D + 1.5Lm1 + 1.0...	Yes	Y		1	1.2	39	1.2	77	1.5	36	1	74	1										
35	1.2D + 1.5Lm1 + 1.0...	Yes	Y		1	1.2	39	1.2	77	1.5	37	1	75	1										
36	1.2D + 1.5Lm1 + 1.0...	Yes	Y		1	1.2	39	1.2	77	1.5	38	1	76	1										
37	1.2D + 1.5Lm2 + 1.0...	Yes	Y		1	1.2	39	1.2	78	1.5	27	1	65	1										
38	1.2D + 1.5Lm2 + 1.0...	Yes	Y		1	1.2	39	1.2	78	1.5	28	1	66	1										
39	1.2D + 1.5Lm2 + 1.0...	Yes	Y		1	1.2	39	1.2	78	1.5	29	1	67	1										
40	1.2D + 1.5Lm2 + 1.0...	Yes	Y		1	1.2	39	1.2	78	1.5	30	1	68	1										
41	1.2D + 1.5Lm2 + 1.0...	Yes	Y		1	1.2	39	1.2	78	1.5	31	1	69	1										
42	1.2D + 1.5Lm2 + 1.0...	Yes	Y		1	1.2	39	1.2	78	1.5	32	1	70	1										
43	1.2D + 1.5Lm2 + 1.0...	Yes	Y		1	1.2	39	1.2	78	1.5	33	1	71	1										
44	1.2D + 1.5Lm2 + 1.0...	Yes	Y		1	1.2	39	1.2	78	1.5	34	1	72	1										
45	1.2D + 1.5Lm2 + 1.0...	Yes	Y		1	1.2	39	1.2	78	1.5	35	1	73	1										
46	1.2D + 1.5Lm2 + 1.0...	Yes	Y		1	1.2	39	1.2	78	1.5	36	1	74	1										
47	1.2D + 1.5Lm2 + 1.0...	Yes	Y		1	1.2	39	1.2	78	1.5	37	1	75	1										
48	1.2D + 1.5Lm2 + 1.0...	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	1.2D + 1.0Ev + 1.0Eh ...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	1	83		ELZ	1	ELX					
53	1.2D + 1.0Ev + 1.0Eh ...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	.866	83	.5	ELZ	.866	ELX	.5				
54	1.2D + 1.0Ev + 1.0Eh ...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	.5	83	.866	ELZ	.5	ELX	.866				
55	1.2D + 1.0Ev + 1.0Eh ...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82		83	1	ELZ		ELX	1				
56	1.2D + 1.0Ev + 1.0Eh ...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	-.5	83	.866	ELZ	-.5	ELX	.866				
57	1.2D + 1.0Ev + 1.0Eh ...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	-.866	83	.5	ELZ	-.866	ELX	.5				
58	1.2D + 1.0Ev + 1.0Eh ...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	-1	83		ELZ	-1	ELX					
59	1.2D + 1.0Ev + 1.0Eh ...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	-.866	83	-.5	ELZ	-.866	ELX	-.5				
60	1.2D + 1.0Ev + 1.0Eh ...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	-.5	83	-.866	ELZ	-.5	ELX	-.866				
61	1.2D + 1.0Ev + 1.0Eh ...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82		83	-1	ELZ		ELX	-1				
62	1.2D + 1.0Ev + 1.0Eh ...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	.5	83	-.866	ELZ	.5	ELX	-.866				
63	1.2D + 1.0Ev + 1.0Eh ...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	.866	83	-.5	ELZ	.866	ELX	-.5				
64	0.9D - 1.0Ev + 1.0Eh (...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	1	83		ELZ	1	ELX					
65	0.9D - 1.0Ev + 1.0Eh (...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	.866	83	.5	ELZ	.866	ELX	.5				
66	0.9D - 1.0Ev + 1.0Eh (...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	.5	83	.866	ELZ	.5	ELX	.866				
67	0.9D - 1.0Ev + 1.0Eh (...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82		83	1	ELZ		ELX	1				
68	0.9D - 1.0Ev + 1.0Eh (...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	-.5	83	.866	ELZ	-.5	ELX	.866				
69	0.9D - 1.0Ev + 1.0Eh (...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	-.866	83	.5	ELZ	-.866	ELX	.5				
70	0.9D - 1.0Ev + 1.0Eh (...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	-1	83		ELZ	-1	ELX					
71	0.9D - 1.0Ev + 1.0Eh (...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	-.866	83	-.5	ELZ	-.866	ELX	-.5				

Load Combinations (Continued)

	Description	Sol...	PDe...	S...	BLCFa...	BLCFa...	BLCFa...	BLCFa...	BLCFa...	BLCFa...	BLCFa...	BLCFa...	BLCFa...	BLCFa...	BLCFa...	BLCFa...	BLCFa...	BLCFa...	BLCFa...	BLCFa...	BLCFa...	BLCFa...
72	0.9D - 1.0Ev + 1.0Eh (...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	-.5	83	-.866	ELZ	-.5	ELX	-.866				
73	0.9D - 1.0Ev + 1.0Eh (...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82		83	-1	ELZ		ELX	-1				
74	0.9D - 1.0Ev + 1.0Eh (...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	.5	83	-.866	ELZ	.5	ELX	-.866				
75	0.9D - 1.0Ev + 1.0Eh (...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	.866	83	-.5	ELZ	.866	ELX	-.5				

Joint Coordinates and Temperatures

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
1	N1	0	0	0	0	
2	N20A	0	0	-1.804167	0	
3	N28	1.562454	0	0.902083	0	
4	N32	0.	0	3.083894	0	
5	N33	5.333333	0	3.083894	0	
6	N34	-5.333333	0	3.083894	0	
7	N35	2.67073	0	-1.541947	0	
8	N36	0.004064	0	-6.160749	0	
9	N38	-2.67073	0	-1.541947	0	
10	N21	2.519338	0	-1.804167	0	
11	N22A	-2.518876	0	-1.804167	0	
12	N15	-2.821892	0	-1.279327	0	
13	N16	-0.302785	0	3.083894	0	
14	N17	0.302785	0	3.083894	0	
15	N18	2.821892	0	-1.279327	0	
16	N19	-1.562454	0	0.902083	0	
17	N20	0.416667	0	-1.804167	0	
18	N21A	-0.416667	0	-1.804167	0	
19	N51	0.410314	0	-5.457103	0	
20	N52	-0.403425	0	-5.457103	0	
21	N35A	0.	3	3.083894	0	
22	N36A	-4.75	3	3.083894	0	
23	N37	4.75	3	3.083894	0	
24	N38A	4.25	0	3.083894	0	
25	N39	1.375	0	3.083894	0	
26	N40	-1.583333	0	3.083894	0	
27	N42	4.25	3	3.083894	0	
28	N43	1.375	3	3.083894	0	
29	N44	-1.583333	3	3.083894	0	
30	N44A	4.25	0	3.333894	0	
31	N45	1.375	0	3.333894	0	
32	N46	-1.583333	0	3.333894	0	
33	N47	4.25	3	3.333894	0	
34	N48	1.375	3	3.333894	0	
35	N49A	-1.583333	3	3.333894	0	
36	N50B	4.25	4.583333	3.333894	0	
37	N51A	4.25	-1.416667	3.333894	0	
38	N52A	1.375	5	3.333894	0	
39	N53A	1.375	-3	3.333894	0	
40	N54	-1.583333	4.083333	3.333894	0	
41	N55	-1.583333	-4.416667	3.333894	0	
42	N56	5.04573	3	2.571674	0	
43	N57	0.29573	3	-5.655568	0	
44	N58	1.98323	0	-2.732732	0	
45	N59	3.460589	0	-0.169696	0	
46	N60	1.98323	3	-2.732732	0	
47	N61	3.462397	3	-0.17074	0	
48	N62	2.199737	0	-2.857732	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
49	N63	3.678903	0	-0.29574	0	
50	N64	2.199737	3	-2.857732	0	
51	N65	3.678903	3	-0.29574	0	
52	N66	2.199737	5	-2.857732	0	
53	N67	2.199737	-3	-2.857732	0	
54	N68	3.678903	4.083333	-0.29574	0	
55	N69	3.678903	-4.416667	-0.29574	0	
56	N70	-0.29573	3	-5.655568	0	
57	N71	-5.04573	3	2.571674	0	
58	N72	-3.35666	0	-0.350255	0	
59	N73	-1.877255	0	-2.91211	0	
60	N74	-3.35823	3	-0.351162	0	
61	N75	-1.879064	3	-2.913154	0	
62	N76	-3.574737	0	-0.476162	0	
63	N77	-2.09557	0	-3.038154	0	
64	N78	-3.574737	3	-0.476162	0	
65	N79	-2.09557	3	-3.038154	0	
66	N80	-3.574737	5	-0.476162	0	
67	N81	-3.574737	-3	-0.476162	0	
68	N82	-2.09557	4.083333	-3.038154	0	
69	N83	-2.09557	-4.416667	-3.038154	0	
70	N84	0.003445	0.229167	-5.457103	0	
71	N88	0.003445	0.333333	-5.457103	0	
72	N89	0.003445	0.333333	-7.519603	0	
73	N89A	0.410314	0.229167	-5.457103	0	
74	N90	-0.403425	0.229167	-5.457103	0	
75	N85	0.565945	0.333333	-7.519603	0	
76	N86	-0.559055	0.333333	-7.519603	0	
77	N89B	0.003445	-0.229167	-5.457103	0	
78	N90A	0.003445	-0.333333	-5.457103	0	
79	N91	0.003445	-0.333333	-7.519603	0	
80	N92	0.410314	-0.229167	-5.457103	0	
81	N93	-0.403425	-0.229167	-5.457103	0	
82	N94	0.565945	-0.333333	-7.519603	0	
83	N95	-0.559055	-0.333333	-7.519603	0	
84	N94A	0.815945	0.333333	-7.519603	0	
85	N95A	0.815945	-0.333333	-7.519603	0	
86	N96	-0.809055	0.333333	-7.519603	0	
87	N97	-0.809055	-0.333333	-7.519603	0	
88	N98	0.815945	4.083333	-7.519603	0	
89	N99	-0.809055	4.083333	-7.519603	0	
90	N100	0.815945	-4.416667	-7.519603	0	
91	N101	-0.809055	-4.416667	-7.519603	0	
92	N102	-4.924268	0	2.37321	0	
93	N103	-4.524278	0	3.083894	0	
94	N104	-4.727712	0.229167	2.725569	0	
95	N105	-4.727712	0.333333	2.725569	0	
96	N106	-6.51389	0.333333	3.756819	0	
97	N107	-4.931147	0.229167	2.37321	0	
98	N108	-4.524278	0.229167	3.077928	0	
99	N109	-6.79514	0.333333	3.269679	0	
100	N110	-6.23264	0.333333	4.243958	0	
101	N111	-4.727712	-0.229167	2.725569	0	
102	N112	-4.727712	-0.333333	2.725569	0	
103	N113	-6.51389	-0.333333	3.756819	0	
104	N114	-4.931147	-0.229167	2.37321	0	
105	N115	-4.524278	-0.229167	3.077928	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
106	N116	-6.79514	-0.333333	3.269679	0	
107	N117	-6.23264	-0.333333	4.243958	0	
108	N118	-6.92014	0.333333	3.053173	0	
109	N119	-6.92014	-0.333333	3.053173	0	
110	N120	-6.10764	0.333333	4.460464	0	
111	N121	-6.10764	-0.333333	4.460464	0	
112	N122	-6.92014	4.083333	3.053173	0	
113	N123	-6.10764	4.083333	4.460464	0	
114	N124	-6.92014	-4.416667	3.053173	0	
115	N125	-6.10764	-4.416667	4.460464	0	
116	N126	4.520833	0	3.083894	0	
117	N127	4.927702	0	2.379176	0	
118	N128	4.724268	0.229167	2.731535	0	
119	N129	4.724268	0.333333	2.731535	0	
120	N130	6.510445	0.333333	3.762785	0	
121	N131	4.520833	0.229167	3.083894	0	
122	N132	4.927702	0.229167	2.379176	0	
123	N133	6.229195	0.333333	4.249924	0	
124	N134	6.791695	0.333333	3.275645	0	
125	N135	4.724268	-0.229167	2.731535	0	
126	N136	4.724268	-0.333333	2.731535	0	
127	N137	6.510445	-0.333333	3.762785	0	
128	N138	4.520833	-0.229167	3.083894	0	
129	N139	4.927702	-0.229167	2.379176	0	
130	N140	6.229195	-0.333333	4.249924	0	
131	N141	6.791695	-0.333333	3.275645	0	
132	N142	6.104195	0.333333	4.46643	0	
133	N143	6.104195	-0.333333	4.46643	0	
134	N144	6.916695	0.333333	3.059139	0	
135	N145	6.916695	-0.333333	3.059139	0	
136	N146	6.104195	4.083333	4.46643	0	
137	N147	6.916695	4.083333	3.059139	0	
138	N148	6.104195	-4.416667	4.46643	0	
139	N149	6.916695	-4.416667	3.059139	0	
140	N150	4.083333	3	3.083894	0	
141	N151	-4.083333	3	3.083894	0	
142	N152	0.629064	3	-5.078217	0	
143	N153	4.712397	3	1.994324	0	
144	N154	-4.712397	3	1.994324	0	
145	N155	-0.629064	3	-5.078217	0	
146	N156	4.083333	3	2.958894	0	
147	N157	-4.083333	3	2.958894	0	
148	N160	0.52081	3	-5.015717	0	
149	N161	4.604144	3	2.056824	0	
150	N164	-4.604144	3	2.056824	0	
151	N165	-0.52081	3	-5.015717	0	
152	N156A	-1.007412	0	-1.804167	0	
153	N157A	-1.058517	0	1.774927	0	
154	N158	2.06616	0	0.029639	0	
155	N159	1.007873	0	-1.804167	0	
156	N160A	-2.06616	0	0.029639	0	
157	N161A	1.058517	0	1.774927	0	
158	N158A	-1.770787	0	0.541239	0	
159	N159A	-1.354121	0	1.262927	0	
160	N160B	1.354121	0	1.262927	0	
161	N161B	1.770787	0	0.541239	0	
162	N162	0	0	-3.491667	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
163	N163	1.545059	0	-3.491667	0	
164	N164A	-1.541628	0	-3.491667	0	
165	N165A	-2.378058	0	2.864416	0	
166	N166	-0.91664	0	2.020666	0	
167	N167	-1.647349	0	2.442541	0	
168	N168	-2.116446	0	2.713375	0	
169	N169	-1.178252	0	2.171708	0	
170	N170	-2.199779	0	2.569037	0	
171	N171	-1.261585	0	2.02737	0	
172	N172	-2.199779	2.166667	2.569037	0	
173	N173	-1.261585	2.166667	2.02737	0	
174	N174	-2.199779	-3.833333	2.569037	0	
175	N175	-1.261585	-3.833333	2.02737	0	
176	N176	-2.199779	1.666667	2.569037	0	
177	N177	-1.261585	1.666667	2.02737	0	
178	N178	-2.199779	0.666667	2.569037	0	
179	N179	-1.261585	0.666667	2.02737	0	
180	N180	-2.199779	-0.333333	2.569037	0	
181	N181	-1.261585	-0.333333	2.02737	0	
182	N182	-2.199779	-1.333333	2.569037	0	
183	N183	-1.261585	-1.333333	2.02737	0	
184	N184	-2.199779	-2.333333	2.569037	0	
185	N185	-1.261585	-2.333333	2.02737	0	
186	N186	-2.199779	-3.333333	2.569037	0	
187	N187	-1.261585	-3.333333	2.02737	0	
188	N188	-3.794686	0	0.410744	0	
189	N189	-2.251343	0	3.083894	0	
190	N190	2.251343	0	3.083894	0	
191	N191	3.794686	0	0.410744	0	
192	N192	-2.815539	0	2.106677	0	

Hot Rolled Steel Section Sets

	Label	Shape	Type	Design List	Material	Design ...	A [in2]	Iyy [in4]	Izz [in4]	J [in4]
1	Support Rail	PIPE_2.0	Beam	Pipe	A53 Gr. B	Typical	1.02	.627	.627	1.25
2	Mount Pipe	PIPE_2.0	Beam	Pipe	A53 Gr. B	Typical	1.02	.627	.627	1.25
3	Dual Mount Pipe	PIPE_2.5	Beam	Pipe	A53 Gr. B	Typical	1.61	1.45	1.45	2.89
4	Face Horizontal	C5X6.7	Beam	Channel	A36 Gr.36	Typical	1.97	.47	7.48	.055
5	Standoff Horizontal	C5X6.7	Beam	Channel	A36 Gr.36	Typical	1.97	.47	7.48	.055
6	Corner Standoff	C6X10.5	Beam	Channel	A36 Gr.36	Typical	3.07	.86	15.1	.128
7	Support Rail Angle	L2.5x2.5x4	Beam	Single Angle	A36 Gr.36	Typical	1.19	.692	.692	.026
8	Ladder	L2x2x4	Beam	Single Angle	A36 Gr.36	Typical	.944	.346	.346	.021
9	Corner Plate	PL5/16x6	Beam	RECT	A36 Gr.36	Typical	1.875	.015	5.625	.059
10	Ladder Rung	SR_0.5	Beam	BAR	A36 Gr.36	Typical	.196	.003	.003	.006
11	Corner Standoff HSS	HSS2X2X2	Beam	Tube	A500 Gr. B ...	Typical	.84	.486	.486	.796

Hot Rolled Steel Properties

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

Member Primary Data

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
1	M12	N34	N32		180	Face Horizontal	Beam	Channel	A36 Gr.36	Typical
2	M13	N32	N33		180	Face Horizontal	Beam	Channel	A36 Gr.36	Typical
3	M7	N22A	N21		180	Standoff Horiz...	Beam	Channel	A36 Gr.36	Typical
4	M8	N16	N15		180	Standoff Horiz...	Beam	Channel	A36 Gr.36	Typical
5	M9	N18	N17		180	Standoff Horiz...	Beam	Channel	A36 Gr.36	Typical
6	M9A	N33	N35		180	Face Horizontal	Beam	Channel	A36 Gr.36	Typical
7	M10A	N35	N36		180	Face Horizontal	Beam	Channel	A36 Gr.36	Typical
8	M11A	N36	N38		180	Face Horizontal	Beam	Channel	A36 Gr.36	Typical
9	M12B	N38	N34		180	Face Horizontal	Beam	Channel	A36 Gr.36	Typical
10	M23	N90	N89A		90	Corner Plate	Beam	RECT	A36 Gr.36	Typical
11	M16	N36A	N37			Support Rail	Beam	Pipe	A53 Gr. B	Typical
12	M17	N42	N47			RIGID	None	None	RIGID	Typical
13	M18	N43	N48			RIGID	None	None	RIGID	Typical
14	M19	N44	N49A			RIGID	None	None	RIGID	Typical
15	M20	N40	N46			RIGID	None	None	RIGID	Typical
16	M21	N39	N45			RIGID	None	None	RIGID	Typical
17	M22	N38A	N44A			RIGID	None	None	RIGID	Typical
18	MP2A	N50B	N51A			Mount Pipe	Beam	Pipe	A53 Gr. B	Typical
19	MP3A	N52A	N53A			Dual Mount Pipe	Beam	Pipe	A53 Gr. B	Typical
20	MP4A	N54	N55			Mount Pipe	Beam	Pipe	A53 Gr. B	Typical
21	M26	N56	N57			Support Rail	Beam	Pipe	A53 Gr. B	Typical
22	M27	N60	N64			RIGID	None	None	RIGID	Typical
23	M28	N61	N65			RIGID	None	None	RIGID	Typical
24	M29	N59	N63			RIGID	None	None	RIGID	Typical
25	M30	N58	N62			RIGID	None	None	RIGID	Typical
26	MP2C	N66	N67			Dual Mount Pipe	Beam	Pipe	A53 Gr. B	Typical
27	MP3C	N68	N69			Mount Pipe	Beam	Pipe	A53 Gr. B	Typical
28	M33	N70	N71			Support Rail	Beam	Pipe	A53 Gr. B	Typical
29	M34	N74	N78			RIGID	None	None	RIGID	Typical
30	M35	N75	N79			RIGID	None	None	RIGID	Typical
31	M36	N73	N77			RIGID	None	None	RIGID	Typical
32	M37	N72	N76			RIGID	None	None	RIGID	Typical
33	MP2B	N80	N81			Dual Mount Pipe	Beam	Pipe	A53 Gr. B	Typical
34	MP3B	N82	N83			Mount Pipe	Beam	Pipe	A53 Gr. B	Typical
35	M40	N88	N89		270	Corner Standoff	Beam	Channel	A36 Gr.36	Typical
36	M41	N84	N88			RIGID	None	None	RIGID	Typical
37	M42	N90	N52			RIGID	None	None	RIGID	Typical
38	M43	N89A	N51			RIGID	None	None	RIGID	Typical
39	M42A	N86	N85			Corner Standoo...	Beam	Tube	A500 Gr. ...	Typical
40	M43A	N93	N92		90	Corner Plate	Beam	RECT	A36 Gr.36	Typical
41	M44	N90A	N91		90	Corner Standoff	Beam	Channel	A36 Gr.36	Typical
42	M45	N89B	N90A			RIGID	None	None	RIGID	Typical
43	M46	N93	N52			RIGID	None	None	RIGID	Typical
44	M47	N92	N51			RIGID	None	None	RIGID	Typical
45	M48	N95	N94			Corner Standoo...	Beam	Tube	A500 Gr. ...	Typical
46	M49	N86	N96			RIGID	None	None	RIGID	Typical
47	M50	N95	N97			RIGID	None	None	RIGID	Typical
48	M51	N85	N94A			RIGID	None	None	RIGID	Typical
49	M52	N94	N95A			RIGID	None	None	RIGID	Typical
50	MP1C	N98	N100			Mount Pipe	Beam	Pipe	A53 Gr. B	Typical
51	MP4B	N99	N101			Mount Pipe	Beam	Pipe	A53 Gr. B	Typical
52	M55	N108	N107		90	Corner Plate	Beam	RECT	A36 Gr.36	Typical
53	M56	N105	N106		270	Corner Standoff	Beam	Channel	A36 Gr.36	Typical
54	M57	N104	N105			RIGID	None	None	RIGID	Typical
55	M58	N108	N103			RIGID	None	None	RIGID	Typical
56	M59	N107	N102			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
57	M60	N110	N109			Corner Stando...	Beam	Tube	A500 Gr. ...	Typical
58	M61	N115	N114		90	Corner Plate	Beam	RECT	A36 Gr.36	Typical
59	M62	N112	N113		90	Corner Standoff	Beam	Channel	A36 Gr.36	Typical
60	M63	N111	N112			RIGID	None	None	RIGID	Typical
61	M64	N115	N103			RIGID	None	None	RIGID	Typical
62	M65	N114	N102			RIGID	None	None	RIGID	Typical
63	M66	N117	N116			Corner Stando...	Beam	Tube	A500 Gr. ...	Typical
64	M67	N110	N120			RIGID	None	None	RIGID	Typical
65	M68	N117	N121			RIGID	None	None	RIGID	Typical
66	M69	N109	N118			RIGID	None	None	RIGID	Typical
67	M70	N116	N119			RIGID	None	None	RIGID	Typical
68	MP1B	N122	N124			Mount Pipe	Beam	Pipe	A53 Gr. B	Typical
69	MP5A	N123	N125			Mount Pipe	Beam	Pipe	A53 Gr. B	Typical
70	M73	N132	N131		90	Corner Plate	Beam	RECT	A36 Gr.36	Typical
71	M74	N129	N130		270	Corner Standoff	Beam	Channel	A36 Gr.36	Typical
72	M75	N128	N129			RIGID	None	None	RIGID	Typical
73	M76	N132	N127			RIGID	None	None	RIGID	Typical
74	M77	N131	N126			RIGID	None	None	RIGID	Typical
75	M78	N134	N133			Corner Stando...	Beam	Tube	A500 Gr. ...	Typical
76	M79	N139	N138		90	Corner Plate	Beam	RECT	A36 Gr.36	Typical
77	M80	N136	N137		90	Corner Standoff	Beam	Channel	A36 Gr.36	Typical
78	M81	N135	N136			RIGID	None	None	RIGID	Typical
79	M82	N139	N127			RIGID	None	None	RIGID	Typical
80	M83	N138	N126			RIGID	None	None	RIGID	Typical
81	M84	N141	N140			Corner Stando...	Beam	Tube	A500 Gr. ...	Typical
82	M85	N134	N144			RIGID	None	None	RIGID	Typical
83	M86	N141	N145			RIGID	None	None	RIGID	Typical
84	M87	N133	N142			RIGID	None	None	RIGID	Typical
85	M88	N140	N143			RIGID	None	None	RIGID	Typical
86	MP1A	N146	N148			Mount Pipe	Beam	Pipe	A53 Gr. B	Typical
87	MP4C	N147	N149			Mount Pipe	Beam	Pipe	A53 Gr. B	Typical
88	M91	N151	N157			RIGID	None	None	RIGID	Typical
89	M92	N150	N156			RIGID	None	None	RIGID	Typical
90	M95	N153	N161			RIGID	None	None	RIGID	Typical
91	M96	N152	N160			RIGID	None	None	RIGID	Typical
92	M97	N155	N165			RIGID	None	None	RIGID	Typical
93	M98	N154	N164			RIGID	None	None	RIGID	Typical
94	M97A	N164	N157		90	Support Rail A...	Beam	Single Angle	A36 Gr.36	Typical
95	M98A	N156	N161		90	Support Rail A...	Beam	Single Angle	A36 Gr.36	Typical
96	M99	N160	N165		90	Support Rail A...	Beam	Single Angle	A36 Gr.36	Typical
97	M97B	N164A	N163			Standoff Horiz...	Beam	Channel	A36 Gr.36	Typical
98	M98B	N165A	N166			Standoff Horiz...	Beam	Channel	A36 Gr.36	Typical
99	M99A	N169	N171			RIGID	None	None	RIGID	Typical
100	M100	N168	N170			RIGID	None	None	RIGID	Typical
101	M101	N173	N175		180	Ladder	Beam	Single Angle	A36 Gr.36	Typical
102	M102	N172	N174		90	Ladder	Beam	Single Angle	A36 Gr.36	Typical
103	M103	N176	N177			Ladder Rung	Beam	BAR	A36 Gr.36	Typical
104	M104	N178	N179			Ladder Rung	Beam	BAR	A36 Gr.36	Typical
105	M105	N180	N181			Ladder Rung	Beam	BAR	A36 Gr.36	Typical
106	M106	N182	N183			Ladder Rung	Beam	BAR	A36 Gr.36	Typical
107	M107	N184	N185			Ladder Rung	Beam	BAR	A36 Gr.36	Typical
108	M108	N186	N187			Ladder Rung	Beam	BAR	A36 Gr.36	Typical
109	M109	N189	N188			Standoff Horiz...	Beam	Channel	A36 Gr.36	Typical
110	M110	N191	N190			Standoff Horiz...	Beam	Channel	A36 Gr.36	Typical

Member Advanced Data

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
1	M12						Yes				None
2	M13						Yes				None
3	M7						Yes				None
4	M8						Yes				None
5	M9						Yes				None
6	M9A						Yes				None
7	M10A						Yes				None
8	M11A						Yes				None
9	M12B						Yes				None
10	M23						Yes				None
11	M16						Yes				None
12	M17						Yes	** NA **			None
13	M18						Yes	** NA **			None
14	M19						Yes	** NA **			None
15	M20						Yes	** NA **			None
16	M21						Yes	** NA **			None
17	M22						Yes	** NA **			None
18	MP2A						Yes				None
19	MP3A						Yes				None
20	MP4A						Yes				None
21	M26						Yes				None
22	M27						Yes	** NA **			None
23	M28						Yes	** NA **			None
24	M29						Yes	** NA **			None
25	M30						Yes	** NA **			None
26	MP2C						Yes				None
27	MP3C						Yes				None
28	M33						Yes				None
29	M34						Yes	** NA **			None
30	M35						Yes	** NA **			None
31	M36						Yes	** NA **			None
32	M37						Yes	** NA **			None
33	MP2B						Yes				None
34	MP3B						Yes				None
35	M40						Yes				None
36	M41						Yes	** NA **			None
37	M42						Yes	** NA **			None
38	M43						Yes	** NA **			None
39	M42A						Yes				None
40	M43A						Yes				None
41	M44						Yes				None
42	M45						Yes	** NA **			None
43	M46						Yes	** NA **			None
44	M47						Yes	** NA **			None
45	M48						Yes				None
46	M49		OOOXOO				Yes	** NA **			None
47	M50		OOOXOO				Yes	** NA **			None
48	M51		OOOXOO				Yes	** NA **			None
49	M52		OOOXOO				Yes	** NA **			None
50	MP1C						Yes				None
51	MP4B						Yes				None
52	M55						Yes				None
53	M56						Yes				None
54	M57						Yes	** NA **			None
55	M58						Yes	** NA **			None
56	M59						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...
57	M60						Yes				None
58	M61						Yes				None
59	M62						Yes				None
60	M63						Yes	** NA **			None
61	M64						Yes	** NA **			None
62	M65						Yes	** NA **			None
63	M66						Yes				None
64	M67		OOOXOO				Yes	** NA **			None
65	M68		OOOXOO				Yes	** NA **			None
66	M69		OOOXOO				Yes	** NA **			None
67	M70		OOOXOO				Yes	** NA **			None
68	MP1B						Yes				None
69	MP5A						Yes				None
70	M73						Yes				None
71	M74						Yes				None
72	M75						Yes	** NA **			None
73	M76						Yes	** NA **			None
74	M77						Yes	** NA **			None
75	M78						Yes				None
76	M79						Yes				None
77	M80						Yes				None
78	M81						Yes	** NA **			None
79	M82						Yes	** NA **			None
80	M83						Yes	** NA **			None
81	M84						Yes				None
82	M85		OOOXOO				Yes	** NA **			None
83	M86		OOOXOO				Yes	** NA **			None
84	M87		OOOXOO				Yes	** NA **			None
85	M88		OOOXOO				Yes	** NA **			None
86	MP1A						Yes				None
87	MP4C						Yes				None
88	M91		OOOOOO				Yes	** NA **			None
89	M92		OOOOOO				Yes	** NA **			None
90	M95		OOOOOO				Yes	** NA **			None
91	M96		OOOOOO				Yes	** NA **			None
92	M97		OOOOOO				Yes	** NA **			None
93	M98		OOOOOO				Yes	** NA **			None
94	M97A						Yes	Default			None
95	M98A						Yes	Default			None
96	M99						Yes	Default			None
97	M97B						Yes				None
98	M98B						Yes				None
99	M99A						Yes	** NA **			None
100	M100						Yes	** NA **			None
101	M101						Yes				None
102	M102						Yes				None
103	M103	BenPIN	BenPIN				Yes	Default			None
104	M104	BenPIN	BenPIN				Yes	Default			None
105	M105	BenPIN	BenPIN				Yes	Default			None
106	M106	BenPIN	BenPIN				Yes	Default			None
107	M107	BenPIN	BenPIN				Yes	Default			None
108	M108	BenPIN	BenPIN				Yes	Default			None
109	M109						Yes				None
110	M110						Yes				None

Member Point Loads (BLC 1 : Antenna D)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3B	Y	-43.55	.38
2	MP3B	My	.011	.38
3	MP3B	Mz	-.019	.38
4	MP3B	Y	-43.55	1.63
5	MP3B	My	.011	1.63
6	MP3B	Mz	-.019	1.63
7	MP3C	Y	-43.55	.38
8	MP3C	My	.011	.38
9	MP3C	Mz	.019	.38
10	MP3C	Y	-43.55	1.63
11	MP3C	My	.011	1.63
12	MP3C	Mz	.019	1.63
13	MP4A	Y	-43.55	.38
14	MP4A	My	-.02	.38
15	MP4A	Mz	.007	.38
16	MP4A	Y	-43.55	1.63
17	MP4A	My	-.02	1.63
18	MP4A	Mz	.007	1.63
19	MP2B	Y	-31.65	1
20	MP2B	My	-.01	1
21	MP2B	Mz	-.024	1
22	MP2B	Y	-31.65	4
23	MP2B	My	-.01	4
24	MP2B	Mz	-.024	4
25	MP2C	Y	-31.65	1
26	MP2C	My	.026	1
27	MP2C	Mz	.003	1
28	MP2C	Y	-31.65	4
29	MP2C	My	.026	4
30	MP2C	Mz	.003	4
31	MP2B	Y	-31.65	1
32	MP2B	My	.026	1
33	MP2B	Mz	-.003	1
34	MP2B	Y	-31.65	4
35	MP2B	My	.026	4
36	MP2B	Mz	-.003	4
37	MP2C	Y	-31.65	1
38	MP2C	My	-.01	1
39	MP2C	Mz	.024	1
40	MP2C	Y	-31.65	4
41	MP2C	My	-.01	4
42	MP2C	Mz	.024	4
43	MP3A	Y	-31.65	1
44	MP3A	My	-.008	1
45	MP3A	Mz	.025	1
46	MP3A	Y	-31.65	4
47	MP3A	My	-.008	4
48	MP3A	Mz	.025	4
49	MP3A	Y	-31.65	1
50	MP3A	My	-.022	1
51	MP3A	Mz	-.014	1
52	MP3A	Y	-31.65	4
53	MP3A	My	-.022	4
54	MP3A	Mz	-.014	4
55	MP1A	Y	-8	1
56	MP1A	My	-.004	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
57	MP1A	Mz	0	1
58	MP1A	Y	-8	4
59	MP1A	My	-.004	4
60	MP1A	Mz	0	4
61	MP1B	Y	-8	1
62	MP1B	My	.002	1
63	MP1B	Mz	-.003	1
64	MP1B	Y	-8	4
65	MP1B	My	.002	4
66	MP1B	Mz	-.003	4
67	MP1C	Y	-8	1
68	MP1C	My	.002	1
69	MP1C	Mz	.003	1
70	MP1C	Y	-8	4
71	MP1C	My	.002	4
72	MP1C	Mz	.003	4
73	MP4B	Y	-8	1
74	MP4B	My	.002	1
75	MP4B	Mz	-.003	1
76	MP4B	Y	-8	4
77	MP4B	My	.002	4
78	MP4B	Mz	-.003	4
79	MP4C	Y	-8	1
80	MP4C	My	.002	1
81	MP4C	Mz	.003	1
82	MP4C	Y	-8	4
83	MP4C	My	.002	4
84	MP4C	Mz	.003	4
85	MP5A	Y	-8	1
86	MP5A	My	-.004	1
87	MP5A	Mz	0	1
88	MP5A	Y	-8	4
89	MP5A	My	-.004	4
90	MP5A	Mz	0	4
91	MP3B	Y	-4.4	4.25
92	MP3B	My	.001	4.25
93	MP3B	Mz	-.002	4.25
94	MP3C	Y	-4.4	4.25
95	MP3C	My	.001	4.25
96	MP3C	Mz	.002	4.25
97	MP4A	Y	-4.4	4.25
98	MP4A	My	-.003	4.25
99	MP4A	Mz	-.001	4.25
100	MP2B	Y	-84.4	2.5
101	MP2B	My	.058	2.5
102	MP2B	Mz	-.015	2.5
103	MP2C	Y	-84.4	2.5
104	MP2C	My	-.015	2.5
105	MP2C	Mz	.058	2.5
106	MP3A	Y	-84.4	2.5
107	MP3A	My	-.042	2.5
108	MP3A	Mz	0	2.5
109	MP3B	Y	-70.3	2.5
110	MP3B	My	.018	2.5
111	MP3B	Mz	-.03	2.5
112	MP3C	Y	-70.3	2.5
113	MP3C	My	.018	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
114	MP3C	Mz	.03	2.5
115	MP4A	Y	-70.3	2.5
116	MP4A	My	-.035	2.5
117	MP4A	Mz	-.035	2.5
118	MP2B	Y	-10.4	.5
119	MP2B	My	.003	.5
120	MP2B	Mz	-.005	.5
121	MP2C	Y	-10.4	.5
122	MP2C	My	.003	.5
123	MP2C	Mz	.005	.5
124	MP3A	Y	-10.4	.5
125	MP3A	My	-.005	.5
126	MP3A	Mz	0	.5
127	MP2A	Y	-32	.5
128	MP2A	My	-.016	.5
129	MP2A	Mz	0	.5
130	M16	Y	-17.6	7
131	M16	My	-.004	7
132	M16	Mz	.002	7
133	M16	Y	-17.6	7
134	M16	My	.004	7
135	M16	Mz	-.002	7
136	M33	Y	-17.6	7
137	M33	My	.002	7
138	M33	Mz	-.004	7
139	M33	Y	-17.6	7
140	M33	My	-.002	7
141	M33	Mz	.004	7

Member Point Loads (BLC 2 : Antenna Di)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3B	Y	-35.621	.38
2	MP3B	My	.009	.38
3	MP3B	Mz	-.015	.38
4	MP3B	Y	-35.621	1.63
5	MP3B	My	.009	1.63
6	MP3B	Mz	-.015	1.63
7	MP3C	Y	-35.621	.38
8	MP3C	My	.009	.38
9	MP3C	Mz	.015	.38
10	MP3C	Y	-35.621	1.63
11	MP3C	My	.009	1.63
12	MP3C	Mz	.015	1.63
13	MP4A	Y	-35.621	.38
14	MP4A	My	-.017	.38
15	MP4A	Mz	.006	.38
16	MP4A	Y	-35.621	1.63
17	MP4A	My	-.017	1.63
18	MP4A	Mz	.006	1.63
19	MP2B	Y	-69.963	1
20	MP2B	My	-.023	1
21	MP2B	Mz	-.054	1
22	MP2B	Y	-69.963	4
23	MP2B	My	-.023	4
24	MP2B	Mz	-.054	4
25	MP2C	Y	-69.963	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
26	MP2C	My	.058	1
27	MP2C	Mz	.007	1
28	MP2C	Y	-69.963	4
29	MP2C	My	.058	4
30	MP2C	Mz	.007	4
31	MP2B	Y	-69.963	1
32	MP2B	My	.058	1
33	MP2B	Mz	-.007	1
34	MP2B	Y	-69.963	4
35	MP2B	My	.058	4
36	MP2B	Mz	-.007	4
37	MP2C	Y	-69.963	1
38	MP2C	My	-.023	1
39	MP2C	Mz	.054	1
40	MP2C	Y	-69.963	4
41	MP2C	My	-.023	4
42	MP2C	Mz	.054	4
43	MP3A	Y	-69.963	1
44	MP3A	My	-.017	1
45	MP3A	Mz	.056	1
46	MP3A	Y	-69.963	4
47	MP3A	My	-.017	4
48	MP3A	Mz	.056	4
49	MP3A	Y	-69.963	1
50	MP3A	My	-.049	1
51	MP3A	Mz	-.032	1
52	MP3A	Y	-69.963	4
53	MP3A	My	-.049	4
54	MP3A	Mz	-.032	4
55	MP1A	Y	-46.967	1
56	MP1A	My	-.023	1
57	MP1A	Mz	0	1
58	MP1A	Y	-46.967	4
59	MP1A	My	-.023	4
60	MP1A	Mz	0	4
61	MP1B	Y	-46.967	1
62	MP1B	My	.012	1
63	MP1B	Mz	-.02	1
64	MP1B	Y	-46.967	4
65	MP1B	My	.012	4
66	MP1B	Mz	-.02	4
67	MP1C	Y	-46.967	1
68	MP1C	My	.012	1
69	MP1C	Mz	.02	1
70	MP1C	Y	-46.967	4
71	MP1C	My	.012	4
72	MP1C	Mz	.02	4
73	MP4B	Y	-46.967	1
74	MP4B	My	.012	1
75	MP4B	Mz	-.02	1
76	MP4B	Y	-46.967	4
77	MP4B	My	.012	4
78	MP4B	Mz	-.02	4
79	MP4C	Y	-46.967	1
80	MP4C	My	.012	1
81	MP4C	Mz	.02	1
82	MP4C	Y	-46.967	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
83	MP4C	My	.012	4
84	MP4C	Mz	.02	4
85	MP5A	Y	-46.967	1
86	MP5A	My	-.023	1
87	MP5A	Mz	0	1
88	MP5A	Y	-46.967	4
89	MP5A	My	-.023	4
90	MP5A	Mz	0	4
91	MP3B	Y	-13.452	4.25
92	MP3B	My	.003	4.25
93	MP3B	Mz	-.006	4.25
94	MP3C	Y	-13.452	4.25
95	MP3C	My	.003	4.25
96	MP3C	Mz	.006	4.25
97	MP4A	Y	-13.452	4.25
98	MP4A	My	-.009	4.25
99	MP4A	Mz	-.004	4.25
100	MP2B	Y	-44.91	2.5
101	MP2B	My	.031	2.5
102	MP2B	Mz	-.008	2.5
103	MP2C	Y	-44.91	2.5
104	MP2C	My	-.008	2.5
105	MP2C	Mz	.031	2.5
106	MP3A	Y	-44.91	2.5
107	MP3A	My	-.022	2.5
108	MP3A	Mz	0	2.5
109	MP3B	Y	-40.388	2.5
110	MP3B	My	.01	2.5
111	MP3B	Mz	-.017	2.5
112	MP3C	Y	-40.388	2.5
113	MP3C	My	.01	2.5
114	MP3C	Mz	.017	2.5
115	MP4A	Y	-40.388	2.5
116	MP4A	My	-.02	2.5
117	MP4A	Mz	-.02	2.5
118	MP2B	Y	-10.743	.5
119	MP2B	My	.003	.5
120	MP2B	Mz	-.005	.5
121	MP2C	Y	-10.743	.5
122	MP2C	My	.003	.5
123	MP2C	Mz	.005	.5
124	MP3A	Y	-10.743	.5
125	MP3A	My	-.005	.5
126	MP3A	Mz	0	.5
127	MP2A	Y	-75.966	.5
128	MP2A	My	-.038	.5
129	MP2A	Mz	0	.5
130	M16	Y	6.6	7
131	M16	My	.002	7
132	M16	Mz	-.000564	7
133	M16	Y	6.6	7
134	M16	My	-.002	7
135	M16	Mz	.000564	7
136	M33	Y	6.6	7
137	M33	My	-.000825	7
138	M33	Mz	.001	7
139	M33	Y	6.6	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
140	M33	My	.000825	7
141	M33	Mz	-.001	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3B	X	0	.38
2	MP3B	Z	-33.536	.38
3	MP3B	Mx	.015	.38
4	MP3B	X	0	1.63
5	MP3B	Z	-33.536	1.63
6	MP3B	Mx	.015	1.63
7	MP3C	X	0	.38
8	MP3C	Z	-33.536	.38
9	MP3C	Mx	-.015	.38
10	MP3C	X	0	1.63
11	MP3C	Z	-33.536	1.63
12	MP3C	Mx	-.015	1.63
13	MP4A	X	0	.38
14	MP4A	Z	-60.919	.38
15	MP4A	Mx	-.01	.38
16	MP4A	X	0	1.63
17	MP4A	Z	-60.919	1.63
18	MP4A	Mx	-.01	1.63
19	MP2B	X	0	1
20	MP2B	Z	-113.864	1
21	MP2B	Mx	.087	1
22	MP2B	X	0	4
23	MP2B	Z	-113.864	4
24	MP2B	Mx	.087	4
25	MP2C	X	0	1
26	MP2C	Z	-113.864	1
27	MP2C	Mx	-.011	1
28	MP2C	X	0	4
29	MP2C	Z	-113.864	4
30	MP2C	Mx	-.011	4
31	MP2B	X	0	1
32	MP2B	Z	-113.864	1
33	MP2B	Mx	.011	1
34	MP2B	X	0	4
35	MP2B	Z	-113.864	4
36	MP2B	Mx	.011	4
37	MP2C	X	0	1
38	MP2C	Z	-113.864	1
39	MP2C	Mx	-.087	1
40	MP2C	X	0	4
41	MP2C	Z	-113.864	4
42	MP2C	Mx	-.087	4
43	MP3A	X	0	1
44	MP3A	Z	-147.178	1
45	MP3A	Mx	-.117	1
46	MP3A	X	0	4
47	MP3A	Z	-147.178	4
48	MP3A	Mx	-.117	4
49	MP3A	X	0	1
50	MP3A	Z	-147.178	1
51	MP3A	Mx	.067	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
52	MP3A	X	0	4
53	MP3A	Z	-147.178	4
54	MP3A	Mx	.067	4
55	MP1A	X	0	1
56	MP1A	Z	-84.325	1
57	MP1A	Mx	0	1
58	MP1A	X	0	4
59	MP1A	Z	-84.325	4
60	MP1A	Mx	0	4
61	MP1B	X	0	1
62	MP1B	Z	-95.139	1
63	MP1B	Mx	.041	1
64	MP1B	X	0	4
65	MP1B	Z	-95.139	4
66	MP1B	Mx	.041	4
67	MP1C	X	0	1
68	MP1C	Z	-95.139	1
69	MP1C	Mx	-.041	1
70	MP1C	X	0	4
71	MP1C	Z	-95.139	4
72	MP1C	Mx	-.041	4
73	MP4B	X	0	1
74	MP4B	Z	-95.139	1
75	MP4B	Mx	.041	1
76	MP4B	X	0	4
77	MP4B	Z	-95.139	4
78	MP4B	Mx	.041	4
79	MP4C	X	0	1
80	MP4C	Z	-95.139	1
81	MP4C	Mx	-.041	1
82	MP4C	X	0	4
83	MP4C	Z	-95.139	4
84	MP4C	Mx	-.041	4
85	MP5A	X	0	1
86	MP5A	Z	-84.325	1
87	MP5A	Mx	0	1
88	MP5A	X	0	4
89	MP5A	Z	-84.325	4
90	MP5A	Mx	0	4
91	MP3B	X	0	4.25
92	MP3B	Z	-11.896	4.25
93	MP3B	Mx	.005	4.25
94	MP3C	X	0	4.25
95	MP3C	Z	-11.896	4.25
96	MP3C	Mx	-.005	4.25
97	MP4A	X	0	4.25
98	MP4A	Z	-27.142	4.25
99	MP4A	Mx	.008	4.25
100	MP2B	X	0	2.5
101	MP2B	Z	-39.301	2.5
102	MP2B	Mx	.007	2.5
103	MP2C	X	0	2.5
104	MP2C	Z	-39.301	2.5
105	MP2C	Mx	-.027	2.5
106	MP3A	X	0	2.5
107	MP3A	Z	-52.177	2.5
108	MP3A	Mx	0	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
109	MP3B	X	0	2.5
110	MP3B	Z	-34.504	2.5
111	MP3B	Mx	.015	2.5
112	MP3C	X	0	2.5
113	MP3C	Z	-34.504	2.5
114	MP3C	Mx	-.015	2.5
115	MP4A	X	0	2.5
116	MP4A	Z	-52.177	2.5
117	MP4A	Mx	.026	2.5
118	MP2B	X	0	.5
119	MP2B	Z	-9.577	.5
120	MP2B	Mx	.004	.5
121	MP2C	X	0	.5
122	MP2C	Z	-9.577	.5
123	MP2C	Mx	-.004	.5
124	MP3A	X	0	.5
125	MP3A	Z	-12.455	.5
126	MP3A	Mx	0	.5
127	MP2A	X	0	.5
128	MP2A	Z	-106.711	.5
129	MP2A	Mx	0	.5
130	M16	X	0	7
131	M16	Z	-29.683	7
132	M16	Mx	-.003	7
133	M16	X	0	7
134	M16	Z	-29.683	7
135	M16	Mx	.003	7
136	M33	X	0	7
137	M33	Z	-15.43	7
138	M33	Mx	.003	7
139	M33	X	0	7
140	M33	Z	-15.43	7
141	M33	Mx	-.003	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3B	X	11.361	.38
2	MP3B	Z	-19.678	.38
3	MP3B	Mx	.011	.38
4	MP3B	X	11.361	1.63
5	MP3B	Z	-19.678	1.63
6	MP3B	Mx	.011	1.63
7	MP3C	X	27.582	.38
8	MP3C	Z	-47.774	.38
9	MP3C	Mx	-.014	.38
10	MP3C	X	27.582	1.63
11	MP3C	Z	-47.774	1.63
12	MP3C	Mx	-.014	1.63
13	MP4A	X	20.297	.38
14	MP4A	Z	-35.156	.38
15	MP4A	Mx	-.016	.38
16	MP4A	X	20.297	1.63
17	MP4A	Z	-35.156	1.63
18	MP4A	Mx	-.016	1.63
19	MP2B	X	50.354	1
20	MP2B	Z	-87.215	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
21	MP2B	Mx	.05	1
22	MP2B	X	50.354	4
23	MP2B	Z	-87.215	4
24	MP2B	Mx	.05	4
25	MP2C	X	70.089	1
26	MP2C	Z	-121.397	1
27	MP2C	Mx	.046	1
28	MP2C	X	70.089	4
29	MP2C	Z	-121.397	4
30	MP2C	Mx	.046	4
31	MP2B	X	50.354	1
32	MP2B	Z	-87.215	1
33	MP2B	Mx	.05	1
34	MP2B	X	50.354	4
35	MP2B	Z	-87.215	4
36	MP2B	Mx	.05	4
37	MP2C	X	70.089	1
38	MP2C	Z	-121.397	1
39	MP2C	Mx	-.116	1
40	MP2C	X	70.089	4
41	MP2C	Z	-121.397	4
42	MP2C	Mx	-.116	4
43	MP3A	X	61.226	1
44	MP3A	Z	-106.046	1
45	MP3A	Mx	-.099	1
46	MP3A	X	61.226	4
47	MP3A	Z	-106.046	4
48	MP3A	Mx	-.099	4
49	MP3A	X	61.226	1
50	MP3A	Z	-106.046	1
51	MP3A	Mx	.006	1
52	MP3A	X	61.226	4
53	MP3A	Z	-106.046	4
54	MP3A	Mx	.006	4
55	MP1A	X	43.965	1
56	MP1A	Z	-76.149	1
57	MP1A	Mx	-.022	1
58	MP1A	X	43.965	4
59	MP1A	Z	-76.149	4
60	MP1A	Mx	-.022	4
61	MP1B	X	49.372	1
62	MP1B	Z	-85.515	1
63	MP1B	Mx	.049	1
64	MP1B	X	49.372	4
65	MP1B	Z	-85.515	4
66	MP1B	Mx	.049	4
67	MP1C	X	43.965	1
68	MP1C	Z	-76.149	1
69	MP1C	Mx	-.022	1
70	MP1C	X	43.965	4
71	MP1C	Z	-76.149	4
72	MP1C	Mx	-.022	4
73	MP4B	X	49.372	1
74	MP4B	Z	-85.515	1
75	MP4B	Mx	.049	1
76	MP4B	X	49.372	4
77	MP4B	Z	-85.515	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
78	MP4B	Mx	.049	4
79	MP4C	X	43.965	1
80	MP4C	Z	-76.149	1
81	MP4C	Mx	-.022	1
82	MP4C	X	43.965	4
83	MP4C	Z	-76.149	4
84	MP4C	Mx	-.022	4
85	MP5A	X	43.965	1
86	MP5A	Z	-76.149	1
87	MP5A	Mx	-.022	1
88	MP5A	X	43.965	4
89	MP5A	Z	-76.149	4
90	MP5A	Mx	-.022	4
91	MP3B	X	2.938	4.25
92	MP3B	Z	-5.088	4.25
93	MP3B	Mx	.003	4.25
94	MP3C	X	11.969	4.25
95	MP3C	Z	-20.732	4.25
96	MP3C	Mx	-.006	4.25
97	MP4A	X	7.913	4.25
98	MP4A	Z	-13.706	4.25
99	MP4A	Mx	-.000975	4.25
100	MP2B	X	17.505	2.5
101	MP2B	Z	-30.319	2.5
102	MP2B	Mx	.018	2.5
103	MP2C	X	23.943	2.5
104	MP2C	Z	-41.47	2.5
105	MP2C	Mx	-.033	2.5
106	MP3A	X	23.943	2.5
107	MP3A	Z	-41.47	2.5
108	MP3A	Mx	-.012	2.5
109	MP3B	X	14.307	2.5
110	MP3B	Z	-24.78	2.5
111	MP3B	Mx	.014	2.5
112	MP3C	X	23.143	2.5
113	MP3C	Z	-40.085	2.5
114	MP3C	Mx	-.012	2.5
115	MP4A	X	23.143	2.5
116	MP4A	Z	-40.085	2.5
117	MP4A	Mx	.008	2.5
118	MP2B	X	4.309	.5
119	MP2B	Z	-7.463	.5
120	MP2B	Mx	.004	.5
121	MP2C	X	5.748	.5
122	MP2C	Z	-9.956	.5
123	MP2C	Mx	-.003	.5
124	MP3A	X	5.748	.5
125	MP3A	Z	-9.956	.5
126	MP3A	Mx	-.003	.5
127	MP2A	X	50.157	.5
128	MP2A	Z	-86.875	.5
129	MP2A	Mx	-.025	.5
130	M16	X	9.552	7
131	M16	Z	-16.545	7
132	M16	Mx	-.004	7
133	M16	X	9.552	7
134	M16	Z	-16.545	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
135	M16	Mx	.004	7
136	M33	X	4.901	7
137	M33	Z	-8.488	7
138	M33	Mx	.002	7
139	M33	X	4.901	7
140	M33	Z	-8.488	7
141	M33	Mx	-.002	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3B	X	29.043	.38
2	MP3B	Z	-16.768	.38
3	MP3B	Mx	.015	.38
4	MP3B	X	29.043	1.63
5	MP3B	Z	-16.768	1.63
6	MP3B	Mx	.015	1.63
7	MP3C	X	57.139	.38
8	MP3C	Z	-32.989	.38
9	MP3C	Mx	0	.38
10	MP3C	X	57.139	1.63
11	MP3C	Z	-32.989	1.63
12	MP3C	Mx	0	1.63
13	MP4A	X	20.808	.38
14	MP4A	Z	-12.013	.38
15	MP4A	Mx	-.012	.38
16	MP4A	X	20.808	1.63
17	MP4A	Z	-12.013	1.63
18	MP4A	Mx	-.012	1.63
19	MP2B	X	98.609	1
20	MP2B	Z	-56.932	1
21	MP2B	Mx	.011	1
22	MP2B	X	98.609	4
23	MP2B	Z	-56.932	4
24	MP2B	Mx	.011	4
25	MP2C	X	132.791	1
26	MP2C	Z	-76.667	1
27	MP2C	Mx	.102	1
28	MP2C	X	132.791	4
29	MP2C	Z	-76.667	4
30	MP2C	Mx	.102	4
31	MP2B	X	98.609	1
32	MP2B	Z	-56.932	1
33	MP2B	Mx	.087	1
34	MP2B	X	98.609	4
35	MP2B	Z	-56.932	4
36	MP2B	Mx	.087	4
37	MP2C	X	132.791	1
38	MP2C	Z	-76.667	1
39	MP2C	Mx	-.102	1
40	MP2C	X	132.791	4
41	MP2C	Z	-76.667	4
42	MP2C	Mx	-.102	4
43	MP3A	X	88.59	1
44	MP3A	Z	-51.147	1
45	MP3A	Mx	-.062	1
46	MP3A	X	88.59	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
47	MP3A	Z	-51.147	4
48	MP3A	Mx	-.062	4
49	MP3A	X	88.59	1
50	MP3A	Z	-51.147	1
51	MP3A	Mx	-.039	1
52	MP3A	X	88.59	4
53	MP3A	Z	-51.147	4
54	MP3A	Mx	-.039	4
55	MP1A	X	82.393	1
56	MP1A	Z	-47.57	1
57	MP1A	Mx	-.041	1
58	MP1A	X	82.393	4
59	MP1A	Z	-47.57	4
60	MP1A	Mx	-.041	4
61	MP1B	X	82.393	1
62	MP1B	Z	-47.57	1
63	MP1B	Mx	.041	1
64	MP1B	X	82.393	4
65	MP1B	Z	-47.57	4
66	MP1B	Mx	.041	4
67	MP1C	X	73.028	1
68	MP1C	Z	-42.163	1
69	MP1C	Mx	0	1
70	MP1C	X	73.028	4
71	MP1C	Z	-42.163	4
72	MP1C	Mx	0	4
73	MP4B	X	82.393	1
74	MP4B	Z	-47.57	1
75	MP4B	Mx	.041	1
76	MP4B	X	82.393	4
77	MP4B	Z	-47.57	4
78	MP4B	Mx	.041	4
79	MP4C	X	73.028	1
80	MP4C	Z	-42.163	1
81	MP4C	Mx	0	1
82	MP4C	X	73.028	4
83	MP4C	Z	-42.163	4
84	MP4C	Mx	0	4
85	MP5A	X	82.393	1
86	MP5A	Z	-47.57	1
87	MP5A	Mx	-.041	1
88	MP5A	X	82.393	4
89	MP5A	Z	-47.57	4
90	MP5A	Mx	-.041	4
91	MP3B	X	10.303	4.25
92	MP3B	Z	-5.948	4.25
93	MP3B	Mx	.005	4.25
94	MP3C	X	25.946	4.25
95	MP3C	Z	-14.98	4.25
96	MP3C	Mx	0	4.25
97	MP4A	X	5.717	4.25
98	MP4A	Z	-3.301	4.25
99	MP4A	Mx	-.003	4.25
100	MP2B	X	34.036	2.5
101	MP2B	Z	-19.651	2.5
102	MP2B	Mx	.027	2.5
103	MP2C	X	45.187	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
104	MP2C	Z	-26.089	2.5
105	MP2C	Mx	-.026	2.5
106	MP3A	X	34.036	2.5
107	MP3A	Z	-19.651	2.5
108	MP3A	Mx	-.017	2.5
109	MP3B	X	29.882	2.5
110	MP3B	Z	-17.252	2.5
111	MP3B	Mx	.015	2.5
112	MP3C	X	45.187	2.5
113	MP3C	Z	-26.089	2.5
114	MP3C	Mx	0	2.5
115	MP4A	X	29.882	2.5
116	MP4A	Z	-17.252	2.5
117	MP4A	Mx	-.006	2.5
118	MP2B	X	8.294	.5
119	MP2B	Z	-4.789	.5
120	MP2B	Mx	.004	.5
121	MP2C	X	10.787	.5
122	MP2C	Z	-6.228	.5
123	MP2C	Mx	0	.5
124	MP3A	X	8.294	.5
125	MP3A	Z	-4.789	.5
126	MP3A	Mx	-.004	.5
127	MP2A	X	75.797	.5
128	MP2A	Z	-43.762	.5
129	MP2A	Mx	-.038	.5
130	M16	X	9.076	7
131	M16	Z	-5.24	7
132	M16	Mx	-.003	7
133	M16	X	9.076	7
134	M16	Z	-5.24	7
135	M16	Mx	.003	7
136	M33	X	13.363	7
137	M33	Z	-7.715	7
138	M33	Mx	.003	7
139	M33	X	13.363	7
140	M33	Z	-7.715	7
141	M33	Mx	-.003	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3B	X	55.165	.38
2	MP3B	Z	0	.38
3	MP3B	Mx	.014	.38
4	MP3B	X	55.165	1.63
5	MP3B	Z	0	1.63
6	MP3B	Mx	.014	1.63
7	MP3C	X	55.165	.38
8	MP3C	Z	0	.38
9	MP3C	Mx	.014	.38
10	MP3C	X	55.165	1.63
11	MP3C	Z	0	1.63
12	MP3C	Mx	.014	1.63
13	MP4A	X	27.782	.38
14	MP4A	Z	0	.38
15	MP4A	Mx	-.013	.38

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
16	MP4A	X	27.782	1.63
17	MP4A	Z	0	1.63
18	MP4A	Mx	-.013	1.63
19	MP2B	X	140.177	1
20	MP2B	Z	0	1
21	MP2B	Mx	-.046	1
22	MP2B	X	140.177	4
23	MP2B	Z	0	4
24	MP2B	Mx	-.046	4
25	MP2C	X	140.177	1
26	MP2C	Z	0	1
27	MP2C	Mx	.116	1
28	MP2C	X	140.177	4
29	MP2C	Z	0	4
30	MP2C	Mx	.116	4
31	MP2B	X	140.177	1
32	MP2B	Z	0	1
33	MP2B	Mx	.116	1
34	MP2B	X	140.177	4
35	MP2B	Z	0	4
36	MP2B	Mx	.116	4
37	MP2C	X	140.177	1
38	MP2C	Z	0	1
39	MP2C	Mx	-.046	1
40	MP2C	X	140.177	4
41	MP2C	Z	0	4
42	MP2C	Mx	-.046	4
43	MP3A	X	106.864	1
44	MP3A	Z	0	1
45	MP3A	Mx	-.026	1
46	MP3A	X	106.864	4
47	MP3A	Z	0	4
48	MP3A	Mx	-.026	4
49	MP3A	X	106.864	1
50	MP3A	Z	0	1
51	MP3A	Mx	-.075	1
52	MP3A	X	106.864	4
53	MP3A	Z	0	4
54	MP3A	Mx	-.075	4
55	MP1A	X	98.744	1
56	MP1A	Z	0	1
57	MP1A	Mx	-.049	1
58	MP1A	X	98.744	4
59	MP1A	Z	0	4
60	MP1A	Mx	-.049	4
61	MP1B	X	87.93	1
62	MP1B	Z	0	1
63	MP1B	Mx	.022	1
64	MP1B	X	87.93	4
65	MP1B	Z	0	4
66	MP1B	Mx	.022	4
67	MP1C	X	87.93	1
68	MP1C	Z	0	1
69	MP1C	Mx	.022	1
70	MP1C	X	87.93	4
71	MP1C	Z	0	4
72	MP1C	Mx	.022	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
73	MP4B	X	87.93	1
74	MP4B	Z	0	1
75	MP4B	Mx	.022	1
76	MP4B	X	87.93	4
77	MP4B	Z	0	4
78	MP4B	Mx	.022	4
79	MP4C	X	87.93	1
80	MP4C	Z	0	1
81	MP4C	Mx	.022	1
82	MP4C	X	87.93	4
83	MP4C	Z	0	4
84	MP4C	Mx	.022	4
85	MP5A	X	98.744	1
86	MP5A	Z	0	1
87	MP5A	Mx	-.049	1
88	MP5A	X	98.744	4
89	MP5A	Z	0	4
90	MP5A	Mx	-.049	4
91	MP3B	X	23.939	4.25
92	MP3B	Z	0	4.25
93	MP3B	Mx	.006	4.25
94	MP3C	X	23.939	4.25
95	MP3C	Z	0	4.25
96	MP3C	Mx	.006	4.25
97	MP4A	X	8.693	4.25
98	MP4A	Z	0	4.25
99	MP4A	Mx	-.006	4.25
100	MP2B	X	47.885	2.5
101	MP2B	Z	0	2.5
102	MP2B	Mx	.033	2.5
103	MP2C	X	47.885	2.5
104	MP2C	Z	0	2.5
105	MP2C	Mx	-.009	2.5
106	MP3A	X	35.009	2.5
107	MP3A	Z	0	2.5
108	MP3A	Mx	-.018	2.5
109	MP3B	X	46.286	2.5
110	MP3B	Z	0	2.5
111	MP3B	Mx	.012	2.5
112	MP3C	X	46.286	2.5
113	MP3C	Z	0	2.5
114	MP3C	Mx	.012	2.5
115	MP4A	X	28.613	2.5
116	MP4A	Z	0	2.5
117	MP4A	Mx	-.014	2.5
118	MP2B	X	11.496	.5
119	MP2B	Z	0	.5
120	MP2B	Mx	.003	.5
121	MP2C	X	11.496	.5
122	MP2C	Z	0	.5
123	MP2C	Mx	.003	.5
124	MP3A	X	8.618	.5
125	MP3A	Z	0	.5
126	MP3A	Mx	-.004	.5
127	MP2A	X	81.127	.5
128	MP2A	Z	0	.5
129	MP2A	Mx	-.041	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
130	M16	X	12.435	7
131	M16	Z	0	7
132	M16	Mx	-.003	7
133	M16	X	12.435	7
134	M16	Z	0	7
135	M16	Mx	.003	7
136	M33	X	26.688	7
137	M33	Z	0	7
138	M33	Mx	.003	7
139	M33	X	26.688	7
140	M33	Z	0	7
141	M33	Mx	-.003	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3B	X	57.139	.38
2	MP3B	Z	32.989	.38
3	MP3B	Mx	0	.38
4	MP3B	X	57.139	1.63
5	MP3B	Z	32.989	1.63
6	MP3B	Mx	0	1.63
7	MP3C	X	29.043	.38
8	MP3C	Z	16.768	.38
9	MP3C	Mx	.015	.38
10	MP3C	X	29.043	1.63
11	MP3C	Z	16.768	1.63
12	MP3C	Mx	.015	1.63
13	MP4A	X	41.661	.38
14	MP4A	Z	24.053	.38
15	MP4A	Mx	-.015	.38
16	MP4A	X	41.661	1.63
17	MP4A	Z	24.053	1.63
18	MP4A	Mx	-.015	1.63
19	MP2B	X	132.791	1
20	MP2B	Z	76.667	1
21	MP2B	Mx	-.102	1
22	MP2B	X	132.791	4
23	MP2B	Z	76.667	4
24	MP2B	Mx	-.102	4
25	MP2C	X	98.609	1
26	MP2C	Z	56.932	1
27	MP2C	Mx	.087	1
28	MP2C	X	98.609	4
29	MP2C	Z	56.932	4
30	MP2C	Mx	.087	4
31	MP2B	X	132.791	1
32	MP2B	Z	76.667	1
33	MP2B	Mx	.102	1
34	MP2B	X	132.791	4
35	MP2B	Z	76.667	4
36	MP2B	Mx	.102	4
37	MP2C	X	98.609	1
38	MP2C	Z	56.932	1
39	MP2C	Mx	.011	1
40	MP2C	X	98.609	4
41	MP2C	Z	56.932	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
42	MP2C	Mx	.011	4
43	MP3A	X	113.96	1
44	MP3A	Z	65.795	1
45	MP3A	Mx	.025	1
46	MP3A	X	113.96	4
47	MP3A	Z	65.795	4
48	MP3A	Mx	.025	4
49	MP3A	X	113.96	1
50	MP3A	Z	65.795	1
51	MP3A	Mx	-.109	1
52	MP3A	X	113.96	4
53	MP3A	Z	65.795	4
54	MP3A	Mx	-.109	4
55	MP1A	X	82.393	1
56	MP1A	Z	47.57	1
57	MP1A	Mx	-.041	1
58	MP1A	X	82.393	4
59	MP1A	Z	47.57	4
60	MP1A	Mx	-.041	4
61	MP1B	X	73.028	1
62	MP1B	Z	42.163	1
63	MP1B	Mx	0	1
64	MP1B	X	73.028	4
65	MP1B	Z	42.163	4
66	MP1B	Mx	0	4
67	MP1C	X	82.393	1
68	MP1C	Z	47.57	1
69	MP1C	Mx	.041	1
70	MP1C	X	82.393	4
71	MP1C	Z	47.57	4
72	MP1C	Mx	.041	4
73	MP4B	X	73.028	1
74	MP4B	Z	42.163	1
75	MP4B	Mx	0	1
76	MP4B	X	73.028	4
77	MP4B	Z	42.163	4
78	MP4B	Mx	0	4
79	MP4C	X	82.393	1
80	MP4C	Z	47.57	1
81	MP4C	Mx	.041	1
82	MP4C	X	82.393	4
83	MP4C	Z	47.57	4
84	MP4C	Mx	.041	4
85	MP5A	X	82.393	1
86	MP5A	Z	47.57	1
87	MP5A	Mx	-.041	1
88	MP5A	X	82.393	4
89	MP5A	Z	47.57	4
90	MP5A	Mx	-.041	4
91	MP3B	X	25.946	4.25
92	MP3B	Z	14.98	4.25
93	MP3B	Mx	0	4.25
94	MP3C	X	10.303	4.25
95	MP3C	Z	5.948	4.25
96	MP3C	Mx	.005	4.25
97	MP4A	X	17.328	4.25
98	MP4A	Z	10.004	4.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
99	MP4A	Mx	-.014	4.25
100	MP2B	X	45.187	2.5
101	MP2B	Z	26.089	2.5
102	MP2B	Mx	.026	2.5
103	MP2C	X	34.036	2.5
104	MP2C	Z	19.651	2.5
105	MP2C	Mx	.007	2.5
106	MP3A	X	34.036	2.5
107	MP3A	Z	19.651	2.5
108	MP3A	Mx	-.017	2.5
109	MP3B	X	45.187	2.5
110	MP3B	Z	26.089	2.5
111	MP3B	Mx	0	2.5
112	MP3C	X	29.882	2.5
113	MP3C	Z	17.252	2.5
114	MP3C	Mx	.015	2.5
115	MP4A	X	29.882	2.5
116	MP4A	Z	17.252	2.5
117	MP4A	Mx	-.024	2.5
118	MP2B	X	10.787	.5
119	MP2B	Z	6.228	.5
120	MP2B	Mx	0	.5
121	MP2C	X	8.294	.5
122	MP2C	Z	4.789	.5
123	MP2C	Mx	.004	.5
124	MP3A	X	8.294	.5
125	MP3A	Z	4.789	.5
126	MP3A	Mx	-.004	.5
127	MP2A	X	75.797	.5
128	MP2A	Z	43.762	.5
129	MP2A	Mx	-.038	.5
130	M16	X	19.93	7
131	M16	Z	11.507	7
132	M16	Mx	-.004	7
133	M16	X	19.93	7
134	M16	Z	11.507	7
135	M16	Mx	.004	7
136	M33	X	27.987	7
137	M33	Z	16.158	7
138	M33	Mx	0	7
139	M33	X	27.987	7
140	M33	Z	16.158	7
141	M33	Mx	0	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3B	X	27.582	.38
2	MP3B	Z	47.774	.38
3	MP3B	Mx	-.014	.38
4	MP3B	X	27.582	1.63
5	MP3B	Z	47.774	1.63
6	MP3B	Mx	-.014	1.63
7	MP3C	X	11.361	.38
8	MP3C	Z	19.678	.38
9	MP3C	Mx	.011	.38
10	MP3C	X	11.361	1.63

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
11	MP3C	Z	19.678	1.63
12	MP3C	Mx	.011	1.63
13	MP4A	X	32.337	.38
14	MP4A	Z	56.01	.38
15	MP4A	Mx	-.006	.38
16	MP4A	X	32.337	1.63
17	MP4A	Z	56.01	1.63
18	MP4A	Mx	-.006	1.63
19	MP2B	X	70.089	1
20	MP2B	Z	121.397	1
21	MP2B	Mx	-.116	1
22	MP2B	X	70.089	4
23	MP2B	Z	121.397	4
24	MP2B	Mx	-.116	4
25	MP2C	X	50.354	1
26	MP2C	Z	87.215	1
27	MP2C	Mx	.05	1
28	MP2C	X	50.354	4
29	MP2C	Z	87.215	4
30	MP2C	Mx	.05	4
31	MP2B	X	70.089	1
32	MP2B	Z	121.397	1
33	MP2B	Mx	.046	1
34	MP2B	X	70.089	4
35	MP2B	Z	121.397	4
36	MP2B	Mx	.046	4
37	MP2C	X	50.354	1
38	MP2C	Z	87.215	1
39	MP2C	Mx	.05	1
40	MP2C	X	50.354	4
41	MP2C	Z	87.215	4
42	MP2C	Mx	.05	4
43	MP3A	X	75.873	1
44	MP3A	Z	131.417	1
45	MP3A	Mx	.086	1
46	MP3A	X	75.873	4
47	MP3A	Z	131.417	4
48	MP3A	Mx	.086	4
49	MP3A	X	75.873	1
50	MP3A	Z	131.417	1
51	MP3A	Mx	-.113	1
52	MP3A	X	75.873	4
53	MP3A	Z	131.417	4
54	MP3A	Mx	-.113	4
55	MP1A	X	43.965	1
56	MP1A	Z	76.149	1
57	MP1A	Mx	-.022	1
58	MP1A	X	43.965	4
59	MP1A	Z	76.149	4
60	MP1A	Mx	-.022	4
61	MP1B	X	43.965	1
62	MP1B	Z	76.149	1
63	MP1B	Mx	-.022	1
64	MP1B	X	43.965	4
65	MP1B	Z	76.149	4
66	MP1B	Mx	-.022	4
67	MP1C	X	49.372	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
68	MP1C	Z	85.515	1
69	MP1C	Mx	.049	1
70	MP1C	X	49.372	4
71	MP1C	Z	85.515	4
72	MP1C	Mx	.049	4
73	MP4B	X	43.965	1
74	MP4B	Z	76.149	1
75	MP4B	Mx	-.022	1
76	MP4B	X	43.965	4
77	MP4B	Z	76.149	4
78	MP4B	Mx	-.022	4
79	MP4C	X	49.372	1
80	MP4C	Z	85.515	1
81	MP4C	Mx	.049	1
82	MP4C	X	49.372	4
83	MP4C	Z	85.515	4
84	MP4C	Mx	.049	4
85	MP5A	X	43.965	1
86	MP5A	Z	76.149	1
87	MP5A	Mx	-.022	1
88	MP5A	X	43.965	4
89	MP5A	Z	76.149	4
90	MP5A	Mx	-.022	4
91	MP3B	X	11.969	4.25
92	MP3B	Z	20.732	4.25
93	MP3B	Mx	-.006	4.25
94	MP3C	X	2.938	4.25
95	MP3C	Z	5.088	4.25
96	MP3C	Mx	.003	4.25
97	MP4A	X	14.617	4.25
98	MP4A	Z	25.317	4.25
99	MP4A	Mx	-.017	4.25
100	MP2B	X	23.943	2.5
101	MP2B	Z	41.47	2.5
102	MP2B	Mx	.009	2.5
103	MP2C	X	17.505	2.5
104	MP2C	Z	30.319	2.5
105	MP2C	Mx	.018	2.5
106	MP3A	X	23.943	2.5
107	MP3A	Z	41.47	2.5
108	MP3A	Mx	-.012	2.5
109	MP3B	X	23.143	2.5
110	MP3B	Z	40.085	2.5
111	MP3B	Mx	-.012	2.5
112	MP3C	X	14.307	2.5
113	MP3C	Z	24.78	2.5
114	MP3C	Mx	.014	2.5
115	MP4A	X	23.143	2.5
116	MP4A	Z	40.085	2.5
117	MP4A	Mx	-.032	2.5
118	MP2B	X	5.748	.5
119	MP2B	Z	9.956	.5
120	MP2B	Mx	-.003	.5
121	MP2C	X	4.309	.5
122	MP2C	Z	7.463	.5
123	MP2C	Mx	.004	.5
124	MP3A	X	5.748	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
125	MP3A	Z	9.956	.5
126	MP3A	Mx	-.003	.5
127	MP2A	X	50.157	.5
128	MP2A	Z	86.875	.5
129	MP2A	Mx	-.025	.5
130	M16	X	15.819	7
131	M16	Z	27.399	7
132	M16	Mx	-.001	7
133	M16	X	15.819	7
134	M16	Z	27.399	7
135	M16	Mx	.001	7
136	M33	X	13.344	7
137	M33	Z	23.112	7
138	M33	Mx	-.003	7
139	M33	X	13.344	7
140	M33	Z	23.112	7
141	M33	Mx	.003	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3B	X	0	.38
2	MP3B	Z	33.536	.38
3	MP3B	Mx	-.015	.38
4	MP3B	X	0	1.63
5	MP3B	Z	33.536	1.63
6	MP3B	Mx	-.015	1.63
7	MP3C	X	0	.38
8	MP3C	Z	33.536	.38
9	MP3C	Mx	.015	.38
10	MP3C	X	0	1.63
11	MP3C	Z	33.536	1.63
12	MP3C	Mx	.015	1.63
13	MP4A	X	0	.38
14	MP4A	Z	60.919	.38
15	MP4A	Mx	.01	.38
16	MP4A	X	0	1.63
17	MP4A	Z	60.919	1.63
18	MP4A	Mx	.01	1.63
19	MP2B	X	0	1
20	MP2B	Z	113.864	1
21	MP2B	Mx	-.087	1
22	MP2B	X	0	4
23	MP2B	Z	113.864	4
24	MP2B	Mx	-.087	4
25	MP2C	X	0	1
26	MP2C	Z	113.864	1
27	MP2C	Mx	.011	1
28	MP2C	X	0	4
29	MP2C	Z	113.864	4
30	MP2C	Mx	.011	4
31	MP2B	X	0	1
32	MP2B	Z	113.864	1
33	MP2B	Mx	-.011	1
34	MP2B	X	0	4
35	MP2B	Z	113.864	4
36	MP2B	Mx	-.011	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
37	MP2C	X	0	1
38	MP2C	Z	113.864	1
39	MP2C	Mx	.087	1
40	MP2C	X	0	4
41	MP2C	Z	113.864	4
42	MP2C	Mx	.087	4
43	MP3A	X	0	1
44	MP3A	Z	147.178	1
45	MP3A	Mx	.117	1
46	MP3A	X	0	4
47	MP3A	Z	147.178	4
48	MP3A	Mx	.117	4
49	MP3A	X	0	1
50	MP3A	Z	147.178	1
51	MP3A	Mx	-.067	1
52	MP3A	X	0	4
53	MP3A	Z	147.178	4
54	MP3A	Mx	-.067	4
55	MP1A	X	0	1
56	MP1A	Z	84.325	1
57	MP1A	Mx	0	1
58	MP1A	X	0	4
59	MP1A	Z	84.325	4
60	MP1A	Mx	0	4
61	MP1B	X	0	1
62	MP1B	Z	95.139	1
63	MP1B	Mx	-.041	1
64	MP1B	X	0	4
65	MP1B	Z	95.139	4
66	MP1B	Mx	-.041	4
67	MP1C	X	0	1
68	MP1C	Z	95.139	1
69	MP1C	Mx	.041	1
70	MP1C	X	0	4
71	MP1C	Z	95.139	4
72	MP1C	Mx	.041	4
73	MP4B	X	0	1
74	MP4B	Z	95.139	1
75	MP4B	Mx	-.041	1
76	MP4B	X	0	4
77	MP4B	Z	95.139	4
78	MP4B	Mx	-.041	4
79	MP4C	X	0	1
80	MP4C	Z	95.139	1
81	MP4C	Mx	.041	1
82	MP4C	X	0	4
83	MP4C	Z	95.139	4
84	MP4C	Mx	.041	4
85	MP5A	X	0	1
86	MP5A	Z	84.325	1
87	MP5A	Mx	0	1
88	MP5A	X	0	4
89	MP5A	Z	84.325	4
90	MP5A	Mx	0	4
91	MP3B	X	0	4.25
92	MP3B	Z	11.896	4.25
93	MP3B	Mx	-.005	4.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
94	MP3C	X	0	4.25
95	MP3C	Z	11.896	4.25
96	MP3C	Mx	.005	4.25
97	MP4A	X	0	4.25
98	MP4A	Z	27.142	4.25
99	MP4A	Mx	-.008	4.25
100	MP2B	X	0	2.5
101	MP2B	Z	39.301	2.5
102	MP2B	Mx	-.007	2.5
103	MP2C	X	0	2.5
104	MP2C	Z	39.301	2.5
105	MP2C	Mx	.027	2.5
106	MP3A	X	0	2.5
107	MP3A	Z	52.177	2.5
108	MP3A	Mx	0	2.5
109	MP3B	X	0	2.5
110	MP3B	Z	34.504	2.5
111	MP3B	Mx	-.015	2.5
112	MP3C	X	0	2.5
113	MP3C	Z	34.504	2.5
114	MP3C	Mx	.015	2.5
115	MP4A	X	0	2.5
116	MP4A	Z	52.177	2.5
117	MP4A	Mx	-.026	2.5
118	MP2B	X	0	.5
119	MP2B	Z	9.577	.5
120	MP2B	Mx	-.004	.5
121	MP2C	X	0	.5
122	MP2C	Z	9.577	.5
123	MP2C	Mx	.004	.5
124	MP3A	X	0	.5
125	MP3A	Z	12.455	.5
126	MP3A	Mx	0	.5
127	MP2A	X	0	.5
128	MP2A	Z	106.711	.5
129	MP2A	Mx	0	.5
130	M16	X	0	7
131	M16	Z	29.683	7
132	M16	Mx	.003	7
133	M16	X	0	7
134	M16	Z	29.683	7
135	M16	Mx	-.003	7
136	M33	X	0	7
137	M33	Z	15.43	7
138	M33	Mx	-.003	7
139	M33	X	0	7
140	M33	Z	15.43	7
141	M33	Mx	.003	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3B	X	-11.361	.38
2	MP3B	Z	19.678	.38
3	MP3B	Mx	-.011	.38
4	MP3B	X	-11.361	1.63
5	MP3B	Z	19.678	1.63

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
6	MP3B	Mx	-.011	1.63
7	MP3C	X	-27.582	.38
8	MP3C	Z	47.774	.38
9	MP3C	Mx	.014	.38
10	MP3C	X	-27.582	1.63
11	MP3C	Z	47.774	1.63
12	MP3C	Mx	.014	1.63
13	MP4A	X	-20.297	.38
14	MP4A	Z	35.156	.38
15	MP4A	Mx	.016	.38
16	MP4A	X	-20.297	1.63
17	MP4A	Z	35.156	1.63
18	MP4A	Mx	.016	1.63
19	MP2B	X	-50.354	1
20	MP2B	Z	87.215	1
21	MP2B	Mx	-.05	1
22	MP2B	X	-50.354	4
23	MP2B	Z	87.215	4
24	MP2B	Mx	-.05	4
25	MP2C	X	-70.089	1
26	MP2C	Z	121.397	1
27	MP2C	Mx	-.046	1
28	MP2C	X	-70.089	4
29	MP2C	Z	121.397	4
30	MP2C	Mx	-.046	4
31	MP2B	X	-50.354	1
32	MP2B	Z	87.215	1
33	MP2B	Mx	-.05	1
34	MP2B	X	-50.354	4
35	MP2B	Z	87.215	4
36	MP2B	Mx	-.05	4
37	MP2C	X	-70.089	1
38	MP2C	Z	121.397	1
39	MP2C	Mx	.116	1
40	MP2C	X	-70.089	4
41	MP2C	Z	121.397	4
42	MP2C	Mx	.116	4
43	MP3A	X	-61.226	1
44	MP3A	Z	106.046	1
45	MP3A	Mx	.099	1
46	MP3A	X	-61.226	4
47	MP3A	Z	106.046	4
48	MP3A	Mx	.099	4
49	MP3A	X	-61.226	1
50	MP3A	Z	106.046	1
51	MP3A	Mx	-.006	1
52	MP3A	X	-61.226	4
53	MP3A	Z	106.046	4
54	MP3A	Mx	-.006	4
55	MP1A	X	-43.965	1
56	MP1A	Z	76.149	1
57	MP1A	Mx	.022	1
58	MP1A	X	-43.965	4
59	MP1A	Z	76.149	4
60	MP1A	Mx	.022	4
61	MP1B	X	-49.372	1
62	MP1B	Z	85.515	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
63	MP1B	Mx	-.049	1
64	MP1B	X	-49.372	4
65	MP1B	Z	85.515	4
66	MP1B	Mx	-.049	4
67	MP1C	X	-43.965	1
68	MP1C	Z	76.149	1
69	MP1C	Mx	.022	1
70	MP1C	X	-43.965	4
71	MP1C	Z	76.149	4
72	MP1C	Mx	.022	4
73	MP4B	X	-49.372	1
74	MP4B	Z	85.515	1
75	MP4B	Mx	-.049	1
76	MP4B	X	-49.372	4
77	MP4B	Z	85.515	4
78	MP4B	Mx	-.049	4
79	MP4C	X	-43.965	1
80	MP4C	Z	76.149	1
81	MP4C	Mx	.022	1
82	MP4C	X	-43.965	4
83	MP4C	Z	76.149	4
84	MP4C	Mx	.022	4
85	MP5A	X	-43.965	1
86	MP5A	Z	76.149	1
87	MP5A	Mx	.022	1
88	MP5A	X	-43.965	4
89	MP5A	Z	76.149	4
90	MP5A	Mx	.022	4
91	MP3B	X	-2.938	4.25
92	MP3B	Z	5.088	4.25
93	MP3B	Mx	-.003	4.25
94	MP3C	X	-11.969	4.25
95	MP3C	Z	20.732	4.25
96	MP3C	Mx	.006	4.25
97	MP4A	X	-7.913	4.25
98	MP4A	Z	13.706	4.25
99	MP4A	Mx	.000975	4.25
100	MP2B	X	-17.505	2.5
101	MP2B	Z	30.319	2.5
102	MP2B	Mx	-.018	2.5
103	MP2C	X	-23.943	2.5
104	MP2C	Z	41.47	2.5
105	MP2C	Mx	.033	2.5
106	MP3A	X	-23.943	2.5
107	MP3A	Z	41.47	2.5
108	MP3A	Mx	.012	2.5
109	MP3B	X	-14.307	2.5
110	MP3B	Z	24.78	2.5
111	MP3B	Mx	-.014	2.5
112	MP3C	X	-23.143	2.5
113	MP3C	Z	40.085	2.5
114	MP3C	Mx	.012	2.5
115	MP4A	X	-23.143	2.5
116	MP4A	Z	40.085	2.5
117	MP4A	Mx	-.008	2.5
118	MP2B	X	-4.309	.5
119	MP2B	Z	7.463	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
120	MP2B	Mx	-.004	.5
121	MP2C	X	-5.748	.5
122	MP2C	Z	9.956	.5
123	MP2C	Mx	.003	.5
124	MP3A	X	-5.748	.5
125	MP3A	Z	9.956	.5
126	MP3A	Mx	.003	.5
127	MP2A	X	-50.157	.5
128	MP2A	Z	86.875	.5
129	MP2A	Mx	.025	.5
130	M16	X	-9.552	7
131	M16	Z	16.545	7
132	M16	Mx	.004	7
133	M16	X	-9.552	7
134	M16	Z	16.545	7
135	M16	Mx	-.004	7
136	M33	X	-4.901	7
137	M33	Z	8.488	7
138	M33	Mx	-.002	7
139	M33	X	-4.901	7
140	M33	Z	8.488	7
141	M33	Mx	.002	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3B	X	-29.043	.38
2	MP3B	Z	16.768	.38
3	MP3B	Mx	-.015	.38
4	MP3B	X	-29.043	1.63
5	MP3B	Z	16.768	1.63
6	MP3B	Mx	-.015	1.63
7	MP3C	X	-57.139	.38
8	MP3C	Z	32.989	.38
9	MP3C	Mx	0	.38
10	MP3C	X	-57.139	1.63
11	MP3C	Z	32.989	1.63
12	MP3C	Mx	0	1.63
13	MP4A	X	-20.808	.38
14	MP4A	Z	12.013	.38
15	MP4A	Mx	.012	.38
16	MP4A	X	-20.808	1.63
17	MP4A	Z	12.013	1.63
18	MP4A	Mx	.012	1.63
19	MP2B	X	-98.609	1
20	MP2B	Z	56.932	1
21	MP2B	Mx	-.011	1
22	MP2B	X	-98.609	4
23	MP2B	Z	56.932	4
24	MP2B	Mx	-.011	4
25	MP2C	X	-132.791	1
26	MP2C	Z	76.667	1
27	MP2C	Mx	-.102	1
28	MP2C	X	-132.791	4
29	MP2C	Z	76.667	4
30	MP2C	Mx	-.102	4
31	MP2B	X	-98.609	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
32	MP2B	Z	56.932	1
33	MP2B	Mx	-.087	1
34	MP2B	X	-98.609	4
35	MP2B	Z	56.932	4
36	MP2B	Mx	-.087	4
37	MP2C	X	-132.791	1
38	MP2C	Z	76.667	1
39	MP2C	Mx	.102	1
40	MP2C	X	-132.791	4
41	MP2C	Z	76.667	4
42	MP2C	Mx	.102	4
43	MP3A	X	-88.59	1
44	MP3A	Z	51.147	1
45	MP3A	Mx	.062	1
46	MP3A	X	-88.59	4
47	MP3A	Z	51.147	4
48	MP3A	Mx	.062	4
49	MP3A	X	-88.59	1
50	MP3A	Z	51.147	1
51	MP3A	Mx	.039	1
52	MP3A	X	-88.59	4
53	MP3A	Z	51.147	4
54	MP3A	Mx	.039	4
55	MP1A	X	-82.393	1
56	MP1A	Z	47.57	1
57	MP1A	Mx	.041	1
58	MP1A	X	-82.393	4
59	MP1A	Z	47.57	4
60	MP1A	Mx	.041	4
61	MP1B	X	-82.393	1
62	MP1B	Z	47.57	1
63	MP1B	Mx	-.041	1
64	MP1B	X	-82.393	4
65	MP1B	Z	47.57	4
66	MP1B	Mx	-.041	4
67	MP1C	X	-73.028	1
68	MP1C	Z	42.163	1
69	MP1C	Mx	0	1
70	MP1C	X	-73.028	4
71	MP1C	Z	42.163	4
72	MP1C	Mx	0	4
73	MP4B	X	-82.393	1
74	MP4B	Z	47.57	1
75	MP4B	Mx	-.041	1
76	MP4B	X	-82.393	4
77	MP4B	Z	47.57	4
78	MP4B	Mx	-.041	4
79	MP4C	X	-73.028	1
80	MP4C	Z	42.163	1
81	MP4C	Mx	0	1
82	MP4C	X	-73.028	4
83	MP4C	Z	42.163	4
84	MP4C	Mx	0	4
85	MP5A	X	-82.393	1
86	MP5A	Z	47.57	1
87	MP5A	Mx	.041	1
88	MP5A	X	-82.393	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
89	MP5A	Z	47.57	4
90	MP5A	Mx	.041	4
91	MP3B	X	-10.303	4.25
92	MP3B	Z	5.948	4.25
93	MP3B	Mx	-.005	4.25
94	MP3C	X	-25.946	4.25
95	MP3C	Z	14.98	4.25
96	MP3C	Mx	0	4.25
97	MP4A	X	-5.717	4.25
98	MP4A	Z	3.301	4.25
99	MP4A	Mx	.003	4.25
100	MP2B	X	-34.036	2.5
101	MP2B	Z	19.651	2.5
102	MP2B	Mx	-.027	2.5
103	MP2C	X	-45.187	2.5
104	MP2C	Z	26.089	2.5
105	MP2C	Mx	.026	2.5
106	MP3A	X	-34.036	2.5
107	MP3A	Z	19.651	2.5
108	MP3A	Mx	.017	2.5
109	MP3B	X	-29.882	2.5
110	MP3B	Z	17.252	2.5
111	MP3B	Mx	-.015	2.5
112	MP3C	X	-45.187	2.5
113	MP3C	Z	26.089	2.5
114	MP3C	Mx	0	2.5
115	MP4A	X	-29.882	2.5
116	MP4A	Z	17.252	2.5
117	MP4A	Mx	.006	2.5
118	MP2B	X	-8.294	.5
119	MP2B	Z	4.789	.5
120	MP2B	Mx	-.004	.5
121	MP2C	X	-10.787	.5
122	MP2C	Z	6.228	.5
123	MP2C	Mx	0	.5
124	MP3A	X	-8.294	.5
125	MP3A	Z	4.789	.5
126	MP3A	Mx	.004	.5
127	MP2A	X	-75.797	.5
128	MP2A	Z	43.762	.5
129	MP2A	Mx	.038	.5
130	M16	X	-9.076	7
131	M16	Z	5.24	7
132	M16	Mx	.003	7
133	M16	X	-9.076	7
134	M16	Z	5.24	7
135	M16	Mx	-.003	7
136	M33	X	-13.363	7
137	M33	Z	7.715	7
138	M33	Mx	-.003	7
139	M33	X	-13.363	7
140	M33	Z	7.715	7
141	M33	Mx	.003	7

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

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

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3B	X	-55.165	.38
2	MP3B	Z	0	.38
3	MP3B	Mx	-.014	.38
4	MP3B	X	-55.165	1.63
5	MP3B	Z	0	1.63
6	MP3B	Mx	-.014	1.63
7	MP3C	X	-55.165	.38
8	MP3C	Z	0	.38
9	MP3C	Mx	-.014	.38
10	MP3C	X	-55.165	1.63
11	MP3C	Z	0	1.63
12	MP3C	Mx	-.014	1.63
13	MP4A	X	-27.782	.38
14	MP4A	Z	0	.38
15	MP4A	Mx	.013	.38
16	MP4A	X	-27.782	1.63
17	MP4A	Z	0	1.63
18	MP4A	Mx	.013	1.63
19	MP2B	X	-140.177	1
20	MP2B	Z	0	1
21	MP2B	Mx	.046	1
22	MP2B	X	-140.177	4
23	MP2B	Z	0	4
24	MP2B	Mx	.046	4
25	MP2C	X	-140.177	1
26	MP2C	Z	0	1
27	MP2C	Mx	-.116	1
28	MP2C	X	-140.177	4
29	MP2C	Z	0	4
30	MP2C	Mx	-.116	4
31	MP2B	X	-140.177	1
32	MP2B	Z	0	1
33	MP2B	Mx	-.116	1
34	MP2B	X	-140.177	4
35	MP2B	Z	0	4
36	MP2B	Mx	-.116	4
37	MP2C	X	-140.177	1
38	MP2C	Z	0	1
39	MP2C	Mx	.046	1
40	MP2C	X	-140.177	4
41	MP2C	Z	0	4
42	MP2C	Mx	.046	4
43	MP3A	X	-106.864	1
44	MP3A	Z	0	1
45	MP3A	Mx	.026	1
46	MP3A	X	-106.864	4
47	MP3A	Z	0	4
48	MP3A	Mx	.026	4
49	MP3A	X	-106.864	1
50	MP3A	Z	0	1
51	MP3A	Mx	.075	1
52	MP3A	X	-106.864	4
53	MP3A	Z	0	4
54	MP3A	Mx	.075	4
55	MP1A	X	-98.744	1
56	MP1A	Z	0	1
57	MP1A	Mx	.049	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP1A	X	-98.744	4
59	MP1A	Z	0	4
60	MP1A	Mx	.049	4
61	MP1B	X	-87.93	1
62	MP1B	Z	0	1
63	MP1B	Mx	-.022	1
64	MP1B	X	-87.93	4
65	MP1B	Z	0	4
66	MP1B	Mx	-.022	4
67	MP1C	X	-87.93	1
68	MP1C	Z	0	1
69	MP1C	Mx	-.022	1
70	MP1C	X	-87.93	4
71	MP1C	Z	0	4
72	MP1C	Mx	-.022	4
73	MP4B	X	-87.93	1
74	MP4B	Z	0	1
75	MP4B	Mx	-.022	1
76	MP4B	X	-87.93	4
77	MP4B	Z	0	4
78	MP4B	Mx	-.022	4
79	MP4C	X	-87.93	1
80	MP4C	Z	0	1
81	MP4C	Mx	-.022	1
82	MP4C	X	-87.93	4
83	MP4C	Z	0	4
84	MP4C	Mx	-.022	4
85	MP5A	X	-98.744	1
86	MP5A	Z	0	1
87	MP5A	Mx	.049	1
88	MP5A	X	-98.744	4
89	MP5A	Z	0	4
90	MP5A	Mx	.049	4
91	MP3B	X	-23.939	4.25
92	MP3B	Z	0	4.25
93	MP3B	Mx	-.006	4.25
94	MP3C	X	-23.939	4.25
95	MP3C	Z	0	4.25
96	MP3C	Mx	-.006	4.25
97	MP4A	X	-8.693	4.25
98	MP4A	Z	0	4.25
99	MP4A	Mx	.006	4.25
100	MP2B	X	-47.885	2.5
101	MP2B	Z	0	2.5
102	MP2B	Mx	-.033	2.5
103	MP2C	X	-47.885	2.5
104	MP2C	Z	0	2.5
105	MP2C	Mx	.009	2.5
106	MP3A	X	-35.009	2.5
107	MP3A	Z	0	2.5
108	MP3A	Mx	.018	2.5
109	MP3B	X	-46.286	2.5
110	MP3B	Z	0	2.5
111	MP3B	Mx	-.012	2.5
112	MP3C	X	-46.286	2.5
113	MP3C	Z	0	2.5
114	MP3C	Mx	-.012	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
115	MP4A	X	-28.613	2.5
116	MP4A	Z	0	2.5
117	MP4A	Mx	.014	2.5
118	MP2B	X	-11.496	.5
119	MP2B	Z	0	.5
120	MP2B	Mx	-.003	.5
121	MP2C	X	-11.496	.5
122	MP2C	Z	0	.5
123	MP2C	Mx	-.003	.5
124	MP3A	X	-8.618	.5
125	MP3A	Z	0	.5
126	MP3A	Mx	.004	.5
127	MP2A	X	-81.127	.5
128	MP2A	Z	0	.5
129	MP2A	Mx	.041	.5
130	M16	X	-12.435	7
131	M16	Z	0	7
132	M16	Mx	.003	7
133	M16	X	-12.435	7
134	M16	Z	0	7
135	M16	Mx	-.003	7
136	M33	X	-26.688	7
137	M33	Z	0	7
138	M33	Mx	-.003	7
139	M33	X	-26.688	7
140	M33	Z	0	7
141	M33	Mx	.003	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3B	X	-57.139	.38
2	MP3B	Z	-32.989	.38
3	MP3B	Mx	0	.38
4	MP3B	X	-57.139	1.63
5	MP3B	Z	-32.989	1.63
6	MP3B	Mx	0	1.63
7	MP3C	X	-29.043	.38
8	MP3C	Z	-16.768	.38
9	MP3C	Mx	-.015	.38
10	MP3C	X	-29.043	1.63
11	MP3C	Z	-16.768	1.63
12	MP3C	Mx	-.015	1.63
13	MP4A	X	-41.661	.38
14	MP4A	Z	-24.053	.38
15	MP4A	Mx	.015	.38
16	MP4A	X	-41.661	1.63
17	MP4A	Z	-24.053	1.63
18	MP4A	Mx	.015	1.63
19	MP2B	X	-132.791	1
20	MP2B	Z	-76.667	1
21	MP2B	Mx	.102	1
22	MP2B	X	-132.791	4
23	MP2B	Z	-76.667	4
24	MP2B	Mx	.102	4
25	MP2C	X	-98.609	1
26	MP2C	Z	-56.932	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
27	MP2C	Mx	-.087	1
28	MP2C	X	-98.609	4
29	MP2C	Z	-56.932	4
30	MP2C	Mx	-.087	4
31	MP2B	X	-132.791	1
32	MP2B	Z	-76.667	1
33	MP2B	Mx	-.102	1
34	MP2B	X	-132.791	4
35	MP2B	Z	-76.667	4
36	MP2B	Mx	-.102	4
37	MP2C	X	-98.609	1
38	MP2C	Z	-56.932	1
39	MP2C	Mx	-.011	1
40	MP2C	X	-98.609	4
41	MP2C	Z	-56.932	4
42	MP2C	Mx	-.011	4
43	MP3A	X	-113.96	1
44	MP3A	Z	-65.795	1
45	MP3A	Mx	-.025	1
46	MP3A	X	-113.96	4
47	MP3A	Z	-65.795	4
48	MP3A	Mx	-.025	4
49	MP3A	X	-113.96	1
50	MP3A	Z	-65.795	1
51	MP3A	Mx	.109	1
52	MP3A	X	-113.96	4
53	MP3A	Z	-65.795	4
54	MP3A	Mx	.109	4
55	MP1A	X	-82.393	1
56	MP1A	Z	-47.57	1
57	MP1A	Mx	.041	1
58	MP1A	X	-82.393	4
59	MP1A	Z	-47.57	4
60	MP1A	Mx	.041	4
61	MP1B	X	-73.028	1
62	MP1B	Z	-42.163	1
63	MP1B	Mx	0	1
64	MP1B	X	-73.028	4
65	MP1B	Z	-42.163	4
66	MP1B	Mx	0	4
67	MP1C	X	-82.393	1
68	MP1C	Z	-47.57	1
69	MP1C	Mx	-.041	1
70	MP1C	X	-82.393	4
71	MP1C	Z	-47.57	4
72	MP1C	Mx	-.041	4
73	MP4B	X	-73.028	1
74	MP4B	Z	-42.163	1
75	MP4B	Mx	0	1
76	MP4B	X	-73.028	4
77	MP4B	Z	-42.163	4
78	MP4B	Mx	0	4
79	MP4C	X	-82.393	1
80	MP4C	Z	-47.57	1
81	MP4C	Mx	-.041	1
82	MP4C	X	-82.393	4
83	MP4C	Z	-47.57	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
84	MP4C	Mx	-.041	4
85	MP5A	X	-82.393	1
86	MP5A	Z	-47.57	1
87	MP5A	Mx	.041	1
88	MP5A	X	-82.393	4
89	MP5A	Z	-47.57	4
90	MP5A	Mx	.041	4
91	MP3B	X	-25.946	4.25
92	MP3B	Z	-14.98	4.25
93	MP3B	Mx	0	4.25
94	MP3C	X	-10.303	4.25
95	MP3C	Z	-5.948	4.25
96	MP3C	Mx	-.005	4.25
97	MP4A	X	-17.328	4.25
98	MP4A	Z	-10.004	4.25
99	MP4A	Mx	.014	4.25
100	MP2B	X	-45.187	2.5
101	MP2B	Z	-26.089	2.5
102	MP2B	Mx	-.026	2.5
103	MP2C	X	-34.036	2.5
104	MP2C	Z	-19.651	2.5
105	MP2C	Mx	-.007	2.5
106	MP3A	X	-34.036	2.5
107	MP3A	Z	-19.651	2.5
108	MP3A	Mx	.017	2.5
109	MP3B	X	-45.187	2.5
110	MP3B	Z	-26.089	2.5
111	MP3B	Mx	0	2.5
112	MP3C	X	-29.882	2.5
113	MP3C	Z	-17.252	2.5
114	MP3C	Mx	-.015	2.5
115	MP4A	X	-29.882	2.5
116	MP4A	Z	-17.252	2.5
117	MP4A	Mx	.024	2.5
118	MP2B	X	-10.787	.5
119	MP2B	Z	-6.228	.5
120	MP2B	Mx	0	.5
121	MP2C	X	-8.294	.5
122	MP2C	Z	-4.789	.5
123	MP2C	Mx	-.004	.5
124	MP3A	X	-8.294	.5
125	MP3A	Z	-4.789	.5
126	MP3A	Mx	.004	.5
127	MP2A	X	-75.797	.5
128	MP2A	Z	-43.762	.5
129	MP2A	Mx	.038	.5
130	M16	X	-19.93	7
131	M16	Z	-11.507	7
132	M16	Mx	.004	7
133	M16	X	-19.93	7
134	M16	Z	-11.507	7
135	M16	Mx	-.004	7
136	M33	X	-27.987	7
137	M33	Z	-16.158	7
138	M33	Mx	0	7
139	M33	X	-27.987	7
140	M33	Z	-16.158	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
141	M33	Mx	0	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3B	X	-27.582	.38
2	MP3B	Z	-47.774	.38
3	MP3B	Mx	.014	.38
4	MP3B	X	-27.582	1.63
5	MP3B	Z	-47.774	1.63
6	MP3B	Mx	.014	1.63
7	MP3C	X	-11.361	.38
8	MP3C	Z	-19.678	.38
9	MP3C	Mx	-.011	.38
10	MP3C	X	-11.361	1.63
11	MP3C	Z	-19.678	1.63
12	MP3C	Mx	-.011	1.63
13	MP4A	X	-32.337	.38
14	MP4A	Z	-56.01	.38
15	MP4A	Mx	.006	.38
16	MP4A	X	-32.337	1.63
17	MP4A	Z	-56.01	1.63
18	MP4A	Mx	.006	1.63
19	MP2B	X	-70.089	1
20	MP2B	Z	-121.397	1
21	MP2B	Mx	.116	1
22	MP2B	X	-70.089	4
23	MP2B	Z	-121.397	4
24	MP2B	Mx	.116	4
25	MP2C	X	-50.354	1
26	MP2C	Z	-87.215	1
27	MP2C	Mx	-.05	1
28	MP2C	X	-50.354	4
29	MP2C	Z	-87.215	4
30	MP2C	Mx	-.05	4
31	MP2B	X	-70.089	1
32	MP2B	Z	-121.397	1
33	MP2B	Mx	-.046	1
34	MP2B	X	-70.089	4
35	MP2B	Z	-121.397	4
36	MP2B	Mx	-.046	4
37	MP2C	X	-50.354	1
38	MP2C	Z	-87.215	1
39	MP2C	Mx	-.05	1
40	MP2C	X	-50.354	4
41	MP2C	Z	-87.215	4
42	MP2C	Mx	-.05	4
43	MP3A	X	-75.873	1
44	MP3A	Z	-131.417	1
45	MP3A	Mx	-.086	1
46	MP3A	X	-75.873	4
47	MP3A	Z	-131.417	4
48	MP3A	Mx	-.086	4
49	MP3A	X	-75.873	1
50	MP3A	Z	-131.417	1
51	MP3A	Mx	.113	1
52	MP3A	X	-75.873	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
53	MP3A	Z	-131.417	4
54	MP3A	Mx	.113	4
55	MP1A	X	-43.965	1
56	MP1A	Z	-76.149	1
57	MP1A	Mx	.022	1
58	MP1A	X	-43.965	4
59	MP1A	Z	-76.149	4
60	MP1A	Mx	.022	4
61	MP1B	X	-43.965	1
62	MP1B	Z	-76.149	1
63	MP1B	Mx	.022	1
64	MP1B	X	-43.965	4
65	MP1B	Z	-76.149	4
66	MP1B	Mx	.022	4
67	MP1C	X	-49.372	1
68	MP1C	Z	-85.515	1
69	MP1C	Mx	-.049	1
70	MP1C	X	-49.372	4
71	MP1C	Z	-85.515	4
72	MP1C	Mx	-.049	4
73	MP4B	X	-43.965	1
74	MP4B	Z	-76.149	1
75	MP4B	Mx	.022	1
76	MP4B	X	-43.965	4
77	MP4B	Z	-76.149	4
78	MP4B	Mx	.022	4
79	MP4C	X	-49.372	1
80	MP4C	Z	-85.515	1
81	MP4C	Mx	-.049	1
82	MP4C	X	-49.372	4
83	MP4C	Z	-85.515	4
84	MP4C	Mx	-.049	4
85	MP5A	X	-43.965	1
86	MP5A	Z	-76.149	1
87	MP5A	Mx	.022	1
88	MP5A	X	-43.965	4
89	MP5A	Z	-76.149	4
90	MP5A	Mx	.022	4
91	MP3B	X	-11.969	4.25
92	MP3B	Z	-20.732	4.25
93	MP3B	Mx	.006	4.25
94	MP3C	X	-2.938	4.25
95	MP3C	Z	-5.088	4.25
96	MP3C	Mx	-.003	4.25
97	MP4A	X	-14.617	4.25
98	MP4A	Z	-25.317	4.25
99	MP4A	Mx	.017	4.25
100	MP2B	X	-23.943	2.5
101	MP2B	Z	-41.47	2.5
102	MP2B	Mx	-.009	2.5
103	MP2C	X	-17.505	2.5
104	MP2C	Z	-30.319	2.5
105	MP2C	Mx	-.018	2.5
106	MP3A	X	-23.943	2.5
107	MP3A	Z	-41.47	2.5
108	MP3A	Mx	.012	2.5
109	MP3B	X	-23.143	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
110	MP3B	Z	-40.085	2.5
111	MP3B	Mx	.012	2.5
112	MP3C	X	-14.307	2.5
113	MP3C	Z	-24.78	2.5
114	MP3C	Mx	-.014	2.5
115	MP4A	X	-23.143	2.5
116	MP4A	Z	-40.085	2.5
117	MP4A	Mx	.032	2.5
118	MP2B	X	-5.748	.5
119	MP2B	Z	-9.956	.5
120	MP2B	Mx	.003	.5
121	MP2C	X	-4.309	.5
122	MP2C	Z	-7.463	.5
123	MP2C	Mx	-.004	.5
124	MP3A	X	-5.748	.5
125	MP3A	Z	-9.956	.5
126	MP3A	Mx	.003	.5
127	MP2A	X	-50.157	.5
128	MP2A	Z	-86.875	.5
129	MP2A	Mx	.025	.5
130	M16	X	-15.819	7
131	M16	Z	-27.399	7
132	M16	Mx	.001	7
133	M16	X	-15.819	7
134	M16	Z	-27.399	7
135	M16	Mx	-.001	7
136	M33	X	-13.344	7
137	M33	Z	-23.112	7
138	M33	Mx	.003	7
139	M33	X	-13.344	7
140	M33	Z	-23.112	7
141	M33	Mx	-.003	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3B	X	0	.38
2	MP3B	Z	-8.836	.38
3	MP3B	Mx	.004	.38
4	MP3B	X	0	1.63
5	MP3B	Z	-8.836	1.63
6	MP3B	Mx	.004	1.63
7	MP3C	X	0	.38
8	MP3C	Z	-8.836	.38
9	MP3C	Mx	-.004	.38
10	MP3C	X	0	1.63
11	MP3C	Z	-8.836	1.63
12	MP3C	Mx	-.004	1.63
13	MP4A	X	0	.38
14	MP4A	Z	-14.474	.38
15	MP4A	Mx	-.002	.38
16	MP4A	X	0	1.63
17	MP4A	Z	-14.474	1.63
18	MP4A	Mx	-.002	1.63
19	MP2B	X	0	1
20	MP2B	Z	-22.218	1
21	MP2B	Mx	.017	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
22	MP2B	X	0	4
23	MP2B	Z	-22.218	4
24	MP2B	Mx	.017	4
25	MP2C	X	0	1
26	MP2C	Z	-22.218	1
27	MP2C	Mx	-.002	1
28	MP2C	X	0	4
29	MP2C	Z	-22.218	4
30	MP2C	Mx	-.002	4
31	MP2B	X	0	1
32	MP2B	Z	-22.218	1
33	MP2B	Mx	.002	1
34	MP2B	X	0	4
35	MP2B	Z	-22.218	4
36	MP2B	Mx	.002	4
37	MP2C	X	0	1
38	MP2C	Z	-22.218	1
39	MP2C	Mx	-.017	1
40	MP2C	X	0	4
41	MP2C	Z	-22.218	4
42	MP2C	Mx	-.017	4
43	MP3A	X	0	1
44	MP3A	Z	-28.087	1
45	MP3A	Mx	-.022	1
46	MP3A	X	0	4
47	MP3A	Z	-28.087	4
48	MP3A	Mx	-.022	4
49	MP3A	X	0	1
50	MP3A	Z	-28.087	1
51	MP3A	Mx	.013	1
52	MP3A	X	0	4
53	MP3A	Z	-28.087	4
54	MP3A	Mx	.013	4
55	MP1A	X	0	1
56	MP1A	Z	-16.899	1
57	MP1A	Mx	0	1
58	MP1A	X	0	4
59	MP1A	Z	-16.899	4
60	MP1A	Mx	0	4
61	MP1B	X	0	1
62	MP1B	Z	-18.885	1
63	MP1B	Mx	.008	1
64	MP1B	X	0	4
65	MP1B	Z	-18.885	4
66	MP1B	Mx	.008	4
67	MP1C	X	0	1
68	MP1C	Z	-18.885	1
69	MP1C	Mx	-.008	1
70	MP1C	X	0	4
71	MP1C	Z	-18.885	4
72	MP1C	Mx	-.008	4
73	MP4B	X	0	1
74	MP4B	Z	-18.885	1
75	MP4B	Mx	.008	1
76	MP4B	X	0	4
77	MP4B	Z	-18.885	4
78	MP4B	Mx	.008	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
79	MP4C	X	0	1
80	MP4C	Z	-18.885	1
81	MP4C	Mx	-.008	1
82	MP4C	X	0	4
83	MP4C	Z	-18.885	4
84	MP4C	Mx	-.008	4
85	MP5A	X	0	1
86	MP5A	Z	-16.899	1
87	MP5A	Mx	0	1
88	MP5A	X	0	4
89	MP5A	Z	-16.899	4
90	MP5A	Mx	0	4
91	MP3B	X	0	4.25
92	MP3B	Z	-3.171	4.25
93	MP3B	Mx	.001	4.25
94	MP3C	X	0	4.25
95	MP3C	Z	-3.171	4.25
96	MP3C	Mx	-.001	4.25
97	MP4A	X	0	4.25
98	MP4A	Z	-6.184	4.25
99	MP4A	Mx	.002	4.25
100	MP2B	X	0	2.5
101	MP2B	Z	-10.091	2.5
102	MP2B	Mx	.002	2.5
103	MP2C	X	0	2.5
104	MP2C	Z	-10.091	2.5
105	MP2C	Mx	-.007	2.5
106	MP3A	X	0	2.5
107	MP3A	Z	-13.077	2.5
108	MP3A	Mx	0	2.5
109	MP3B	X	0	2.5
110	MP3B	Z	-8.957	2.5
111	MP3B	Mx	.004	2.5
112	MP3C	X	0	2.5
113	MP3C	Z	-8.957	2.5
114	MP3C	Mx	-.004	2.5
115	MP4A	X	0	2.5
116	MP4A	Z	-13.077	2.5
117	MP4A	Mx	.007	2.5
118	MP2B	X	0	.5
119	MP2B	Z	-2.58	.5
120	MP2B	Mx	.001	.5
121	MP2C	X	0	.5
122	MP2C	Z	-2.58	.5
123	MP2C	Mx	-.001	.5
124	MP3A	X	0	.5
125	MP3A	Z	-3.174	.5
126	MP3A	Mx	0	.5
127	MP2A	X	0	.5
128	MP2A	Z	-25.174	.5
129	MP2A	Mx	0	.5
130	M16	X	0	7
131	M16	Z	-6.664	7
132	M16	Mx	-.00057	7
133	M16	X	0	7
134	M16	Z	-6.664	7
135	M16	Mx	.00057	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
136	M33	X	0	7
137	M33	Z	-3.828	7
138	M33	Mx	.000829	7
139	M33	X	0	7
140	M33	Z	-3.828	7
141	M33	Mx	-.000829	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3B	X	3.305	.38
2	MP3B	Z	-5.724	.38
3	MP3B	Mx	.003	.38
4	MP3B	X	3.305	1.63
5	MP3B	Z	-5.724	1.63
6	MP3B	Mx	.003	1.63
7	MP3C	X	6.644	.38
8	MP3C	Z	-11.509	.38
9	MP3C	Mx	-.003	.38
10	MP3C	X	6.644	1.63
11	MP3C	Z	-11.509	1.63
12	MP3C	Mx	-.003	1.63
13	MP4A	X	5.145	.38
14	MP4A	Z	-8.911	.38
15	MP4A	Mx	-.004	.38
16	MP4A	X	5.145	1.63
17	MP4A	Z	-8.911	1.63
18	MP4A	Mx	-.004	1.63
19	MP2B	X	9.95	1
20	MP2B	Z	-17.234	1
21	MP2B	Mx	.01	1
22	MP2B	X	9.95	4
23	MP2B	Z	-17.234	4
24	MP2B	Mx	.01	4
25	MP2C	X	13.427	1
26	MP2C	Z	-23.256	1
27	MP2C	Mx	.009	1
28	MP2C	X	13.427	4
29	MP2C	Z	-23.256	4
30	MP2C	Mx	.009	4
31	MP2B	X	9.95	1
32	MP2B	Z	-17.234	1
33	MP2B	Mx	.01	1
34	MP2B	X	9.95	4
35	MP2B	Z	-17.234	4
36	MP2B	Mx	.01	4
37	MP2C	X	13.427	1
38	MP2C	Z	-23.256	1
39	MP2C	Mx	-.022	1
40	MP2C	X	13.427	4
41	MP2C	Z	-23.256	4
42	MP2C	Mx	-.022	4
43	MP3A	X	11.865	1
44	MP3A	Z	-20.551	1
45	MP3A	Mx	-.019	1
46	MP3A	X	11.865	4
47	MP3A	Z	-20.551	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
48	MP3A	Mx	-.019	4
49	MP3A	X	11.865	1
50	MP3A	Z	-20.551	1
51	MP3A	Mx	.001	1
52	MP3A	X	11.865	4
53	MP3A	Z	-20.551	4
54	MP3A	Mx	.001	4
55	MP1A	X	8.781	1
56	MP1A	Z	-15.209	1
57	MP1A	Mx	-.004	1
58	MP1A	X	8.781	4
59	MP1A	Z	-15.209	4
60	MP1A	Mx	-.004	4
61	MP1B	X	9.774	1
62	MP1B	Z	-16.929	1
63	MP1B	Mx	.01	1
64	MP1B	X	9.774	4
65	MP1B	Z	-16.929	4
66	MP1B	Mx	.01	4
67	MP1C	X	8.781	1
68	MP1C	Z	-15.209	1
69	MP1C	Mx	-.004	1
70	MP1C	X	8.781	4
71	MP1C	Z	-15.209	4
72	MP1C	Mx	-.004	4
73	MP4B	X	9.774	1
74	MP4B	Z	-16.929	1
75	MP4B	Mx	.01	1
76	MP4B	X	9.774	4
77	MP4B	Z	-16.929	4
78	MP4B	Mx	.01	4
79	MP4C	X	8.781	1
80	MP4C	Z	-15.209	1
81	MP4C	Mx	-.004	1
82	MP4C	X	8.781	4
83	MP4C	Z	-15.209	4
84	MP4C	Mx	-.004	4
85	MP5A	X	8.781	1
86	MP5A	Z	-15.209	1
87	MP5A	Mx	-.004	1
88	MP5A	X	8.781	4
89	MP5A	Z	-15.209	4
90	MP5A	Mx	-.004	4
91	MP3B	X	.991	4.25
92	MP3B	Z	-1.716	4.25
93	MP3B	Mx	.000991	4.25
94	MP3C	X	2.775	4.25
95	MP3C	Z	-4.807	4.25
96	MP3C	Mx	-.001	4.25
97	MP4A	X	1.974	4.25
98	MP4A	Z	-3.419	4.25
99	MP4A	Mx	-.000243	4.25
100	MP2B	X	4.548	2.5
101	MP2B	Z	-7.878	2.5
102	MP2B	Mx	.005	2.5
103	MP2C	X	6.041	2.5
104	MP2C	Z	-10.463	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
105	MP2C	Mx	-.008	2.5
106	MP3A	X	6.041	2.5
107	MP3A	Z	-10.463	2.5
108	MP3A	Mx	-.003	2.5
109	MP3B	X	3.792	2.5
110	MP3B	Z	-6.568	2.5
111	MP3B	Mx	.004	2.5
112	MP3C	X	5.852	2.5
113	MP3C	Z	-10.136	2.5
114	MP3C	Mx	-.003	2.5
115	MP4A	X	5.852	2.5
116	MP4A	Z	-10.136	2.5
117	MP4A	Mx	.002	2.5
118	MP2B	X	1.191	.5
119	MP2B	Z	-2.063	.5
120	MP2B	Mx	.001	.5
121	MP2C	X	1.488	.5
122	MP2C	Z	-2.578	.5
123	MP2C	Mx	-.000744	.5
124	MP3A	X	1.488	.5
125	MP3A	Z	-2.578	.5
126	MP3A	Mx	-.000744	.5
127	MP2A	X	11.593	.5
128	MP2A	Z	-20.079	.5
129	MP2A	Mx	-.006	.5
130	M16	X	2.28	7
131	M16	Z	-3.949	7
132	M16	Mx	-.000873	7
133	M16	X	2.28	7
134	M16	Z	-3.949	7
135	M16	Mx	.000873	7
136	M33	X	1.354	7
137	M33	Z	-2.346	7
138	M33	Mx	.000677	7
139	M33	X	1.354	7
140	M33	Z	-2.346	7
141	M33	Mx	-.000677	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3B	X	7.652	.38
2	MP3B	Z	-4.418	.38
3	MP3B	Mx	.004	.38
4	MP3B	X	7.652	1.63
5	MP3B	Z	-4.418	1.63
6	MP3B	Mx	.004	1.63
7	MP3C	X	13.437	.38
8	MP3C	Z	-7.758	.38
9	MP3C	Mx	0	.38
10	MP3C	X	13.437	1.63
11	MP3C	Z	-7.758	1.63
12	MP3C	Mx	0	1.63
13	MP4A	X	5.956	.38
14	MP4A	Z	-3.439	.38
15	MP4A	Mx	-.003	.38
16	MP4A	X	5.956	1.63

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
17	MP4A	Z	-3.439	1.63
18	MP4A	Mx	-.003	1.63
19	MP2B	X	19.241	1
20	MP2B	Z	-11.109	1
21	MP2B	Mx	.002	1
22	MP2B	X	19.241	4
23	MP2B	Z	-11.109	4
24	MP2B	Mx	.002	4
25	MP2C	X	25.263	1
26	MP2C	Z	-14.586	1
27	MP2C	Mx	.019	1
28	MP2C	X	25.263	4
29	MP2C	Z	-14.586	4
30	MP2C	Mx	.019	4
31	MP2B	X	19.241	1
32	MP2B	Z	-11.109	1
33	MP2B	Mx	.017	1
34	MP2B	X	19.241	4
35	MP2B	Z	-11.109	4
36	MP2B	Mx	.017	4
37	MP2C	X	25.263	1
38	MP2C	Z	-14.586	1
39	MP2C	Mx	-.019	1
40	MP2C	X	25.263	4
41	MP2C	Z	-14.586	4
42	MP2C	Mx	-.019	4
43	MP3A	X	17.476	1
44	MP3A	Z	-10.09	1
45	MP3A	Mx	-.012	1
46	MP3A	X	17.476	4
47	MP3A	Z	-10.09	4
48	MP3A	Mx	-.012	4
49	MP3A	X	17.476	1
50	MP3A	Z	-10.09	1
51	MP3A	Mx	-.008	1
52	MP3A	X	17.476	4
53	MP3A	Z	-10.09	4
54	MP3A	Mx	-.008	4
55	MP1A	X	16.355	1
56	MP1A	Z	-9.443	1
57	MP1A	Mx	-.008	1
58	MP1A	X	16.355	4
59	MP1A	Z	-9.443	4
60	MP1A	Mx	-.008	4
61	MP1B	X	16.355	1
62	MP1B	Z	-9.443	1
63	MP1B	Mx	.008	1
64	MP1B	X	16.355	4
65	MP1B	Z	-9.443	4
66	MP1B	Mx	.008	4
67	MP1C	X	14.635	1
68	MP1C	Z	-8.45	1
69	MP1C	Mx	0	1
70	MP1C	X	14.635	4
71	MP1C	Z	-8.45	4
72	MP1C	Mx	0	4
73	MP4B	X	16.355	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
74	MP4B	Z	-9.443	1
75	MP4B	Mx	.008	1
76	MP4B	X	16.355	4
77	MP4B	Z	-9.443	4
78	MP4B	Mx	.008	4
79	MP4C	X	14.635	1
80	MP4C	Z	-8.45	1
81	MP4C	Mx	0	1
82	MP4C	X	14.635	4
83	MP4C	Z	-8.45	4
84	MP4C	Mx	0	4
85	MP5A	X	16.355	1
86	MP5A	Z	-9.443	1
87	MP5A	Mx	-.008	1
88	MP5A	X	16.355	4
89	MP5A	Z	-9.443	4
90	MP5A	Mx	-.008	4
91	MP3B	X	2.746	4.25
92	MP3B	Z	-1.585	4.25
93	MP3B	Mx	.001	4.25
94	MP3C	X	5.837	4.25
95	MP3C	Z	-3.37	4.25
96	MP3C	Mx	0	4.25
97	MP4A	X	1.84	4.25
98	MP4A	Z	-1.062	4.25
99	MP4A	Mx	-.000862	4.25
100	MP2B	X	8.739	2.5
101	MP2B	Z	-5.046	2.5
102	MP2B	Mx	.007	2.5
103	MP2C	X	11.325	2.5
104	MP2C	Z	-6.538	2.5
105	MP2C	Mx	-.007	2.5
106	MP3A	X	8.739	2.5
107	MP3A	Z	-5.046	2.5
108	MP3A	Mx	-.004	2.5
109	MP3B	X	7.757	2.5
110	MP3B	Z	-4.478	2.5
111	MP3B	Mx	.004	2.5
112	MP3C	X	11.325	2.5
113	MP3C	Z	-6.538	2.5
114	MP3C	Mx	0	2.5
115	MP4A	X	7.757	2.5
116	MP4A	Z	-4.478	2.5
117	MP4A	Mx	-.002	2.5
118	MP2B	X	2.234	.5
119	MP2B	Z	-1.29	.5
120	MP2B	Mx	.001	.5
121	MP2C	X	2.749	.5
122	MP2C	Z	-1.587	.5
123	MP2C	Mx	0	.5
124	MP3A	X	2.234	.5
125	MP3A	Z	-1.29	.5
126	MP3A	Mx	-.001	.5
127	MP2A	X	16.635	.5
128	MP2A	Z	-9.604	.5
129	MP2A	Mx	-.008	.5
130	M16	X	2.463	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
131	M16	Z	-1.422	7
132	M16	Mx	-.0007	7
133	M16	X	2.463	7
134	M16	Z	-1.422	7
135	M16	Mx	.0007	7
136	M33	X	3.315	7
137	M33	Z	-1.914	7
138	M33	Mx	.000829	7
139	M33	X	3.315	7
140	M33	Z	-1.914	7
141	M33	Mx	-.000829	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3B	X	13.289	.38
2	MP3B	Z	0	.38
3	MP3B	Mx	.003	.38
4	MP3B	X	13.289	1.63
5	MP3B	Z	0	1.63
6	MP3B	Mx	.003	1.63
7	MP3C	X	13.289	.38
8	MP3C	Z	0	.38
9	MP3C	Mx	.003	.38
10	MP3C	X	13.289	1.63
11	MP3C	Z	0	1.63
12	MP3C	Mx	.003	1.63
13	MP4A	X	7.651	.38
14	MP4A	Z	0	.38
15	MP4A	Mx	-.004	.38
16	MP4A	X	7.651	1.63
17	MP4A	Z	0	1.63
18	MP4A	Mx	-.004	1.63
19	MP2B	X	26.854	1
20	MP2B	Z	0	1
21	MP2B	Mx	-.009	1
22	MP2B	X	26.854	4
23	MP2B	Z	0	4
24	MP2B	Mx	-.009	4
25	MP2C	X	26.854	1
26	MP2C	Z	0	1
27	MP2C	Mx	.022	1
28	MP2C	X	26.854	4
29	MP2C	Z	0	4
30	MP2C	Mx	.022	4
31	MP2B	X	26.854	1
32	MP2B	Z	0	1
33	MP2B	Mx	.022	1
34	MP2B	X	26.854	4
35	MP2B	Z	0	4
36	MP2B	Mx	.022	4
37	MP2C	X	26.854	1
38	MP2C	Z	0	1
39	MP2C	Mx	-.009	1
40	MP2C	X	26.854	4
41	MP2C	Z	0	4
42	MP2C	Mx	-.009	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
43	MP3A	X	20.984	1
44	MP3A	Z	0	1
45	MP3A	Mx	-.005	1
46	MP3A	X	20.984	4
47	MP3A	Z	0	4
48	MP3A	Mx	-.005	4
49	MP3A	X	20.984	1
50	MP3A	Z	0	1
51	MP3A	Mx	-.015	1
52	MP3A	X	20.984	4
53	MP3A	Z	0	4
54	MP3A	Mx	-.015	4
55	MP1A	X	19.547	1
56	MP1A	Z	0	1
57	MP1A	Mx	-.01	1
58	MP1A	X	19.547	4
59	MP1A	Z	0	4
60	MP1A	Mx	-.01	4
61	MP1B	X	17.561	1
62	MP1B	Z	0	1
63	MP1B	Mx	.004	1
64	MP1B	X	17.561	4
65	MP1B	Z	0	4
66	MP1B	Mx	.004	4
67	MP1C	X	17.561	1
68	MP1C	Z	0	1
69	MP1C	Mx	.004	1
70	MP1C	X	17.561	4
71	MP1C	Z	0	4
72	MP1C	Mx	.004	4
73	MP4B	X	17.561	1
74	MP4B	Z	0	1
75	MP4B	Mx	.004	1
76	MP4B	X	17.561	4
77	MP4B	Z	0	4
78	MP4B	Mx	.004	4
79	MP4C	X	17.561	1
80	MP4C	Z	0	1
81	MP4C	Mx	.004	1
82	MP4C	X	17.561	4
83	MP4C	Z	0	4
84	MP4C	Mx	.004	4
85	MP5A	X	19.547	1
86	MP5A	Z	0	1
87	MP5A	Mx	-.01	1
88	MP5A	X	19.547	4
89	MP5A	Z	0	4
90	MP5A	Mx	-.01	4
91	MP3B	X	5.55	4.25
92	MP3B	Z	0	4.25
93	MP3B	Mx	.001	4.25
94	MP3C	X	5.55	4.25
95	MP3C	Z	0	4.25
96	MP3C	Mx	.001	4.25
97	MP4A	X	2.538	4.25
98	MP4A	Z	0	4.25
99	MP4A	Mx	-.002	4.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
100	MP2B	X	12.082	2.5
101	MP2B	Z	0	2.5
102	MP2B	Mx	.008	2.5
103	MP2C	X	12.082	2.5
104	MP2C	Z	0	2.5
105	MP2C	Mx	-.002	2.5
106	MP3A	X	9.096	2.5
107	MP3A	Z	0	2.5
108	MP3A	Mx	-.005	2.5
109	MP3B	X	11.703	2.5
110	MP3B	Z	0	2.5
111	MP3B	Mx	.003	2.5
112	MP3C	X	11.703	2.5
113	MP3C	Z	0	2.5
114	MP3C	Mx	.003	2.5
115	MP4A	X	7.584	2.5
116	MP4A	Z	0	2.5
117	MP4A	Mx	-.004	2.5
118	MP2B	X	2.976	.5
119	MP2B	Z	0	.5
120	MP2B	Mx	.000744	.5
121	MP2C	X	2.976	.5
122	MP2C	Z	0	.5
123	MP2C	Mx	.000744	.5
124	MP3A	X	2.382	.5
125	MP3A	Z	0	.5
126	MP3A	Mx	-.001	.5
127	MP2A	X	17.219	.5
128	MP2A	Z	0	.5
129	MP2A	Mx	-.009	.5
130	M16	X	3.232	7
131	M16	Z	0	7
132	M16	Mx	-.000759	7
133	M16	X	3.232	7
134	M16	Z	0	7
135	M16	Mx	.000759	7
136	M33	X	6.068	7
137	M33	Z	0	7
138	M33	Mx	.000759	7
139	M33	X	6.068	7
140	M33	Z	0	7
141	M33	Mx	-.000759	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3B	X	13.437	.38
2	MP3B	Z	7.758	.38
3	MP3B	Mx	0	.38
4	MP3B	X	13.437	1.63
5	MP3B	Z	7.758	1.63
6	MP3B	Mx	0	1.63
7	MP3C	X	7.652	.38
8	MP3C	Z	4.418	.38
9	MP3C	Mx	.004	.38
10	MP3C	X	7.652	1.63
11	MP3C	Z	4.418	1.63

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
12	MP3C	Mx	.004	1.63
13	MP4A	X	10.25	.38
14	MP4A	Z	5.918	.38
15	MP4A	Mx	-.004	.38
16	MP4A	X	10.25	1.63
17	MP4A	Z	5.918	1.63
18	MP4A	Mx	-.004	1.63
19	MP2B	X	25.263	1
20	MP2B	Z	14.586	1
21	MP2B	Mx	-.019	1
22	MP2B	X	25.263	4
23	MP2B	Z	14.586	4
24	MP2B	Mx	-.019	4
25	MP2C	X	19.241	1
26	MP2C	Z	11.109	1
27	MP2C	Mx	.017	1
28	MP2C	X	19.241	4
29	MP2C	Z	11.109	4
30	MP2C	Mx	.017	4
31	MP2B	X	25.263	1
32	MP2B	Z	14.586	1
33	MP2B	Mx	.019	1
34	MP2B	X	25.263	4
35	MP2B	Z	14.586	4
36	MP2B	Mx	.019	4
37	MP2C	X	19.241	1
38	MP2C	Z	11.109	1
39	MP2C	Mx	.002	1
40	MP2C	X	19.241	4
41	MP2C	Z	11.109	4
42	MP2C	Mx	.002	4
43	MP3A	X	21.946	1
44	MP3A	Z	12.67	1
45	MP3A	Mx	.005	1
46	MP3A	X	21.946	4
47	MP3A	Z	12.67	4
48	MP3A	Mx	.005	4
49	MP3A	X	21.946	1
50	MP3A	Z	12.67	1
51	MP3A	Mx	-.021	1
52	MP3A	X	21.946	4
53	MP3A	Z	12.67	4
54	MP3A	Mx	-.021	4
55	MP1A	X	16.355	1
56	MP1A	Z	9.443	1
57	MP1A	Mx	-.008	1
58	MP1A	X	16.355	4
59	MP1A	Z	9.443	4
60	MP1A	Mx	-.008	4
61	MP1B	X	14.635	1
62	MP1B	Z	8.45	1
63	MP1B	Mx	0	1
64	MP1B	X	14.635	4
65	MP1B	Z	8.45	4
66	MP1B	Mx	0	4
67	MP1C	X	16.355	1
68	MP1C	Z	9.443	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
69	MP1C	Mx	.008	1
70	MP1C	X	16.355	4
71	MP1C	Z	9.443	4
72	MP1C	Mx	.008	4
73	MP4B	X	14.635	1
74	MP4B	Z	8.45	1
75	MP4B	Mx	0	1
76	MP4B	X	14.635	4
77	MP4B	Z	8.45	4
78	MP4B	Mx	0	4
79	MP4C	X	16.355	1
80	MP4C	Z	9.443	1
81	MP4C	Mx	.008	1
82	MP4C	X	16.355	4
83	MP4C	Z	9.443	4
84	MP4C	Mx	.008	4
85	MP5A	X	16.355	1
86	MP5A	Z	9.443	1
87	MP5A	Mx	-.008	1
88	MP5A	X	16.355	4
89	MP5A	Z	9.443	4
90	MP5A	Mx	-.008	4
91	MP3B	X	5.837	4.25
92	MP3B	Z	3.37	4.25
93	MP3B	Mx	0	4.25
94	MP3C	X	2.746	4.25
95	MP3C	Z	1.585	4.25
96	MP3C	Mx	.001	4.25
97	MP4A	X	4.134	4.25
98	MP4A	Z	2.387	4.25
99	MP4A	Mx	-.003	4.25
100	MP2B	X	11.325	2.5
101	MP2B	Z	6.538	2.5
102	MP2B	Mx	.007	2.5
103	MP2C	X	8.739	2.5
104	MP2C	Z	5.046	2.5
105	MP2C	Mx	.002	2.5
106	MP3A	X	8.739	2.5
107	MP3A	Z	5.046	2.5
108	MP3A	Mx	-.004	2.5
109	MP3B	X	11.325	2.5
110	MP3B	Z	6.538	2.5
111	MP3B	Mx	0	2.5
112	MP3C	X	7.757	2.5
113	MP3C	Z	4.478	2.5
114	MP3C	Mx	.004	2.5
115	MP4A	X	7.757	2.5
116	MP4A	Z	4.478	2.5
117	MP4A	Mx	-.006	2.5
118	MP2B	X	2.749	.5
119	MP2B	Z	1.587	.5
120	MP2B	Mx	0	.5
121	MP2C	X	2.234	.5
122	MP2C	Z	1.29	.5
123	MP2C	Mx	.001	.5
124	MP3A	X	2.234	.5
125	MP3A	Z	1.29	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
126	MP3A	Mx	-.001	.5
127	MP2A	X	16.635	.5
128	MP2A	Z	9.604	.5
129	MP2A	Mx	-.008	.5
130	M16	X	4.622	7
131	M16	Z	2.669	7
132	M16	Mx	-.000858	7
133	M16	X	4.622	7
134	M16	Z	2.669	7
135	M16	Mx	.000858	7
136	M33	X	6.225	7
137	M33	Z	3.594	7
138	M33	Mx	0	7
139	M33	X	6.225	7
140	M33	Z	3.594	7
141	M33	Mx	0	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3B	X	6.644	.38
2	MP3B	Z	11.509	.38
3	MP3B	Mx	-.003	.38
4	MP3B	X	6.644	1.63
5	MP3B	Z	11.509	1.63
6	MP3B	Mx	-.003	1.63
7	MP3C	X	3.305	.38
8	MP3C	Z	5.724	.38
9	MP3C	Mx	.003	.38
10	MP3C	X	3.305	1.63
11	MP3C	Z	5.724	1.63
12	MP3C	Mx	.003	1.63
13	MP4A	X	7.623	.38
14	MP4A	Z	13.204	.38
15	MP4A	Mx	-.001	.38
16	MP4A	X	7.623	1.63
17	MP4A	Z	13.204	1.63
18	MP4A	Mx	-.001	1.63
19	MP2B	X	13.427	1
20	MP2B	Z	23.256	1
21	MP2B	Mx	-.022	1
22	MP2B	X	13.427	4
23	MP2B	Z	23.256	4
24	MP2B	Mx	-.022	4
25	MP2C	X	9.95	1
26	MP2C	Z	17.234	1
27	MP2C	Mx	.01	1
28	MP2C	X	9.95	4
29	MP2C	Z	17.234	4
30	MP2C	Mx	.01	4
31	MP2B	X	13.427	1
32	MP2B	Z	23.256	1
33	MP2B	Mx	.009	1
34	MP2B	X	13.427	4
35	MP2B	Z	23.256	4
36	MP2B	Mx	.009	4
37	MP2C	X	9.95	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
38	MP2C	Z	17.234	1
39	MP2C	Mx	.01	1
40	MP2C	X	9.95	4
41	MP2C	Z	17.234	4
42	MP2C	Mx	.01	4
43	MP3A	X	14.446	1
44	MP3A	Z	25.021	1
45	MP3A	Mx	.016	1
46	MP3A	X	14.446	4
47	MP3A	Z	25.021	4
48	MP3A	Mx	.016	4
49	MP3A	X	14.446	1
50	MP3A	Z	25.021	1
51	MP3A	Mx	-.021	1
52	MP3A	X	14.446	4
53	MP3A	Z	25.021	4
54	MP3A	Mx	-.021	4
55	MP1A	X	8.781	1
56	MP1A	Z	15.209	1
57	MP1A	Mx	-.004	1
58	MP1A	X	8.781	4
59	MP1A	Z	15.209	4
60	MP1A	Mx	-.004	4
61	MP1B	X	8.781	1
62	MP1B	Z	15.209	1
63	MP1B	Mx	-.004	1
64	MP1B	X	8.781	4
65	MP1B	Z	15.209	4
66	MP1B	Mx	-.004	4
67	MP1C	X	9.774	1
68	MP1C	Z	16.929	1
69	MP1C	Mx	.01	1
70	MP1C	X	9.774	4
71	MP1C	Z	16.929	4
72	MP1C	Mx	.01	4
73	MP4B	X	8.781	1
74	MP4B	Z	15.209	1
75	MP4B	Mx	-.004	1
76	MP4B	X	8.781	4
77	MP4B	Z	15.209	4
78	MP4B	Mx	-.004	4
79	MP4C	X	9.774	1
80	MP4C	Z	16.929	1
81	MP4C	Mx	.01	1
82	MP4C	X	9.774	4
83	MP4C	Z	16.929	4
84	MP4C	Mx	.01	4
85	MP5A	X	8.781	1
86	MP5A	Z	15.209	1
87	MP5A	Mx	-.004	1
88	MP5A	X	8.781	4
89	MP5A	Z	15.209	4
90	MP5A	Mx	-.004	4
91	MP3B	X	2.775	4.25
92	MP3B	Z	4.807	4.25
93	MP3B	Mx	-.001	4.25
94	MP3C	X	.991	4.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
95	MP3C	Z	1.716	4.25
96	MP3C	Mx	.000991	4.25
97	MP4A	X	3.298	4.25
98	MP4A	Z	5.713	4.25
99	MP4A	Mx	-.004	4.25
100	MP2B	X	6.041	2.5
101	MP2B	Z	10.463	2.5
102	MP2B	Mx	.002	2.5
103	MP2C	X	4.548	2.5
104	MP2C	Z	7.878	2.5
105	MP2C	Mx	.005	2.5
106	MP3A	X	6.041	2.5
107	MP3A	Z	10.463	2.5
108	MP3A	Mx	-.003	2.5
109	MP3B	X	5.852	2.5
110	MP3B	Z	10.136	2.5
111	MP3B	Mx	-.003	2.5
112	MP3C	X	3.792	2.5
113	MP3C	Z	6.568	2.5
114	MP3C	Mx	.004	2.5
115	MP4A	X	5.852	2.5
116	MP4A	Z	10.136	2.5
117	MP4A	Mx	-.008	2.5
118	MP2B	X	1.488	.5
119	MP2B	Z	2.578	.5
120	MP2B	Mx	-.000744	.5
121	MP2C	X	1.191	.5
122	MP2C	Z	2.063	.5
123	MP2C	Mx	.001	.5
124	MP3A	X	1.488	.5
125	MP3A	Z	2.578	.5
126	MP3A	Mx	-.000744	.5
127	MP2A	X	11.593	.5
128	MP2A	Z	20.079	.5
129	MP2A	Mx	-.006	.5
130	M16	X	3.527	7
131	M16	Z	6.108	7
132	M16	Mx	-.000306	7
133	M16	X	3.527	7
134	M16	Z	6.108	7
135	M16	Mx	.000306	7
136	M33	X	3.034	7
137	M33	Z	5.255	7
138	M33	Mx	-.000758	7
139	M33	X	3.034	7
140	M33	Z	5.255	7
141	M33	Mx	.000758	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3B	X	0	.38
2	MP3B	Z	8.836	.38
3	MP3B	Mx	-.004	.38
4	MP3B	X	0	1.63
5	MP3B	Z	8.836	1.63
6	MP3B	Mx	-.004	1.63

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
7	MP3C	X	0	.38
8	MP3C	Z	8.836	.38
9	MP3C	Mx	.004	.38
10	MP3C	X	0	1.63
11	MP3C	Z	8.836	1.63
12	MP3C	Mx	.004	1.63
13	MP4A	X	0	.38
14	MP4A	Z	14.474	.38
15	MP4A	Mx	.002	.38
16	MP4A	X	0	1.63
17	MP4A	Z	14.474	1.63
18	MP4A	Mx	.002	1.63
19	MP2B	X	0	1
20	MP2B	Z	22.218	1
21	MP2B	Mx	-.017	1
22	MP2B	X	0	4
23	MP2B	Z	22.218	4
24	MP2B	Mx	-.017	4
25	MP2C	X	0	1
26	MP2C	Z	22.218	1
27	MP2C	Mx	.002	1
28	MP2C	X	0	4
29	MP2C	Z	22.218	4
30	MP2C	Mx	.002	4
31	MP2B	X	0	1
32	MP2B	Z	22.218	1
33	MP2B	Mx	-.002	1
34	MP2B	X	0	4
35	MP2B	Z	22.218	4
36	MP2B	Mx	-.002	4
37	MP2C	X	0	1
38	MP2C	Z	22.218	1
39	MP2C	Mx	.017	1
40	MP2C	X	0	4
41	MP2C	Z	22.218	4
42	MP2C	Mx	.017	4
43	MP3A	X	0	1
44	MP3A	Z	28.087	1
45	MP3A	Mx	.022	1
46	MP3A	X	0	4
47	MP3A	Z	28.087	4
48	MP3A	Mx	.022	4
49	MP3A	X	0	1
50	MP3A	Z	28.087	1
51	MP3A	Mx	-.013	1
52	MP3A	X	0	4
53	MP3A	Z	28.087	4
54	MP3A	Mx	-.013	4
55	MP1A	X	0	1
56	MP1A	Z	16.899	1
57	MP1A	Mx	0	1
58	MP1A	X	0	4
59	MP1A	Z	16.899	4
60	MP1A	Mx	0	4
61	MP1B	X	0	1
62	MP1B	Z	18.885	1
63	MP1B	Mx	-.008	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
64	MP1B	X	0	4
65	MP1B	Z	18.885	4
66	MP1B	Mx	-.008	4
67	MP1C	X	0	1
68	MP1C	Z	18.885	1
69	MP1C	Mx	.008	1
70	MP1C	X	0	4
71	MP1C	Z	18.885	4
72	MP1C	Mx	.008	4
73	MP4B	X	0	1
74	MP4B	Z	18.885	1
75	MP4B	Mx	-.008	1
76	MP4B	X	0	4
77	MP4B	Z	18.885	4
78	MP4B	Mx	-.008	4
79	MP4C	X	0	1
80	MP4C	Z	18.885	1
81	MP4C	Mx	.008	1
82	MP4C	X	0	4
83	MP4C	Z	18.885	4
84	MP4C	Mx	.008	4
85	MP5A	X	0	1
86	MP5A	Z	16.899	1
87	MP5A	Mx	0	1
88	MP5A	X	0	4
89	MP5A	Z	16.899	4
90	MP5A	Mx	0	4
91	MP3B	X	0	4.25
92	MP3B	Z	3.171	4.25
93	MP3B	Mx	-.001	4.25
94	MP3C	X	0	4.25
95	MP3C	Z	3.171	4.25
96	MP3C	Mx	.001	4.25
97	MP4A	X	0	4.25
98	MP4A	Z	6.184	4.25
99	MP4A	Mx	-.002	4.25
100	MP2B	X	0	2.5
101	MP2B	Z	10.091	2.5
102	MP2B	Mx	-.002	2.5
103	MP2C	X	0	2.5
104	MP2C	Z	10.091	2.5
105	MP2C	Mx	.007	2.5
106	MP3A	X	0	2.5
107	MP3A	Z	13.077	2.5
108	MP3A	Mx	0	2.5
109	MP3B	X	0	2.5
110	MP3B	Z	8.957	2.5
111	MP3B	Mx	-.004	2.5
112	MP3C	X	0	2.5
113	MP3C	Z	8.957	2.5
114	MP3C	Mx	.004	2.5
115	MP4A	X	0	2.5
116	MP4A	Z	13.077	2.5
117	MP4A	Mx	-.007	2.5
118	MP2B	X	0	.5
119	MP2B	Z	2.58	.5
120	MP2B	Mx	-.001	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
121	MP2C	X	0	.5
122	MP2C	Z	2.58	.5
123	MP2C	Mx	.001	.5
124	MP3A	X	0	.5
125	MP3A	Z	3.174	.5
126	MP3A	Mx	0	.5
127	MP2A	X	0	.5
128	MP2A	Z	25.174	.5
129	MP2A	Mx	0	.5
130	M16	X	0	7
131	M16	Z	6.664	7
132	M16	Mx	.00057	7
133	M16	X	0	7
134	M16	Z	6.664	7
135	M16	Mx	-.00057	7
136	M33	X	0	7
137	M33	Z	3.828	7
138	M33	Mx	-.000829	7
139	M33	X	0	7
140	M33	Z	3.828	7
141	M33	Mx	.000829	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3B	X	-3.305	.38
2	MP3B	Z	5.724	.38
3	MP3B	Mx	-.003	.38
4	MP3B	X	-3.305	1.63
5	MP3B	Z	5.724	1.63
6	MP3B	Mx	-.003	1.63
7	MP3C	X	-6.644	.38
8	MP3C	Z	11.509	.38
9	MP3C	Mx	.003	.38
10	MP3C	X	-6.644	1.63
11	MP3C	Z	11.509	1.63
12	MP3C	Mx	.003	1.63
13	MP4A	X	-5.145	.38
14	MP4A	Z	8.911	.38
15	MP4A	Mx	.004	.38
16	MP4A	X	-5.145	1.63
17	MP4A	Z	8.911	1.63
18	MP4A	Mx	.004	1.63
19	MP2B	X	-9.95	1
20	MP2B	Z	17.234	1
21	MP2B	Mx	-.01	1
22	MP2B	X	-9.95	4
23	MP2B	Z	17.234	4
24	MP2B	Mx	-.01	4
25	MP2C	X	-13.427	1
26	MP2C	Z	23.256	1
27	MP2C	Mx	-.009	1
28	MP2C	X	-13.427	4
29	MP2C	Z	23.256	4
30	MP2C	Mx	-.009	4
31	MP2B	X	-9.95	1
32	MP2B	Z	17.234	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
33	MP2B	Mx	-.01	1
34	MP2B	X	-9.95	4
35	MP2B	Z	17.234	4
36	MP2B	Mx	-.01	4
37	MP2C	X	-13.427	1
38	MP2C	Z	23.256	1
39	MP2C	Mx	.022	1
40	MP2C	X	-13.427	4
41	MP2C	Z	23.256	4
42	MP2C	Mx	.022	4
43	MP3A	X	-11.865	1
44	MP3A	Z	20.551	1
45	MP3A	Mx	.019	1
46	MP3A	X	-11.865	4
47	MP3A	Z	20.551	4
48	MP3A	Mx	.019	4
49	MP3A	X	-11.865	1
50	MP3A	Z	20.551	1
51	MP3A	Mx	-.001	1
52	MP3A	X	-11.865	4
53	MP3A	Z	20.551	4
54	MP3A	Mx	-.001	4
55	MP1A	X	-8.781	1
56	MP1A	Z	15.209	1
57	MP1A	Mx	.004	1
58	MP1A	X	-8.781	4
59	MP1A	Z	15.209	4
60	MP1A	Mx	.004	4
61	MP1B	X	-9.774	1
62	MP1B	Z	16.929	1
63	MP1B	Mx	-.01	1
64	MP1B	X	-9.774	4
65	MP1B	Z	16.929	4
66	MP1B	Mx	-.01	4
67	MP1C	X	-8.781	1
68	MP1C	Z	15.209	1
69	MP1C	Mx	.004	1
70	MP1C	X	-8.781	4
71	MP1C	Z	15.209	4
72	MP1C	Mx	.004	4
73	MP4B	X	-9.774	1
74	MP4B	Z	16.929	1
75	MP4B	Mx	-.01	1
76	MP4B	X	-9.774	4
77	MP4B	Z	16.929	4
78	MP4B	Mx	-.01	4
79	MP4C	X	-8.781	1
80	MP4C	Z	15.209	1
81	MP4C	Mx	.004	1
82	MP4C	X	-8.781	4
83	MP4C	Z	15.209	4
84	MP4C	Mx	.004	4
85	MP5A	X	-8.781	1
86	MP5A	Z	15.209	1
87	MP5A	Mx	.004	1
88	MP5A	X	-8.781	4
89	MP5A	Z	15.209	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
90	MP5A	Mx	.004	4
91	MP3B	X	-.991	4.25
92	MP3B	Z	1.716	4.25
93	MP3B	Mx	-.000991	4.25
94	MP3C	X	-2.775	4.25
95	MP3C	Z	4.807	4.25
96	MP3C	Mx	.001	4.25
97	MP4A	X	-1.974	4.25
98	MP4A	Z	3.419	4.25
99	MP4A	Mx	.000243	4.25
100	MP2B	X	-4.548	2.5
101	MP2B	Z	7.878	2.5
102	MP2B	Mx	-.005	2.5
103	MP2C	X	-6.041	2.5
104	MP2C	Z	10.463	2.5
105	MP2C	Mx	.008	2.5
106	MP3A	X	-6.041	2.5
107	MP3A	Z	10.463	2.5
108	MP3A	Mx	.003	2.5
109	MP3B	X	-3.792	2.5
110	MP3B	Z	6.568	2.5
111	MP3B	Mx	-.004	2.5
112	MP3C	X	-5.852	2.5
113	MP3C	Z	10.136	2.5
114	MP3C	Mx	.003	2.5
115	MP4A	X	-5.852	2.5
116	MP4A	Z	10.136	2.5
117	MP4A	Mx	-.002	2.5
118	MP2B	X	-1.191	.5
119	MP2B	Z	2.063	.5
120	MP2B	Mx	-.001	.5
121	MP2C	X	-1.488	.5
122	MP2C	Z	2.578	.5
123	MP2C	Mx	.000744	.5
124	MP3A	X	-1.488	.5
125	MP3A	Z	2.578	.5
126	MP3A	Mx	.000744	.5
127	MP2A	X	-11.593	.5
128	MP2A	Z	20.079	.5
129	MP2A	Mx	.006	.5
130	M16	X	-2.28	7
131	M16	Z	3.949	7
132	M16	Mx	.000873	7
133	M16	X	-2.28	7
134	M16	Z	3.949	7
135	M16	Mx	-.000873	7
136	M33	X	-1.354	7
137	M33	Z	2.346	7
138	M33	Mx	-.000677	7
139	M33	X	-1.354	7
140	M33	Z	2.346	7
141	M33	Mx	.000677	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3B	X	-7.652	.38

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
2	MP3B	Z	4.418	.38
3	MP3B	Mx	-.004	.38
4	MP3B	X	-7.652	1.63
5	MP3B	Z	4.418	1.63
6	MP3B	Mx	-.004	1.63
7	MP3C	X	-13.437	.38
8	MP3C	Z	7.758	.38
9	MP3C	Mx	0	.38
10	MP3C	X	-13.437	1.63
11	MP3C	Z	7.758	1.63
12	MP3C	Mx	0	1.63
13	MP4A	X	-5.956	.38
14	MP4A	Z	3.439	.38
15	MP4A	Mx	.003	.38
16	MP4A	X	-5.956	1.63
17	MP4A	Z	3.439	1.63
18	MP4A	Mx	.003	1.63
19	MP2B	X	-19.241	1
20	MP2B	Z	11.109	1
21	MP2B	Mx	-.002	1
22	MP2B	X	-19.241	4
23	MP2B	Z	11.109	4
24	MP2B	Mx	-.002	4
25	MP2C	X	-25.263	1
26	MP2C	Z	14.586	1
27	MP2C	Mx	-.019	1
28	MP2C	X	-25.263	4
29	MP2C	Z	14.586	4
30	MP2C	Mx	-.019	4
31	MP2B	X	-19.241	1
32	MP2B	Z	11.109	1
33	MP2B	Mx	-.017	1
34	MP2B	X	-19.241	4
35	MP2B	Z	11.109	4
36	MP2B	Mx	-.017	4
37	MP2C	X	-25.263	1
38	MP2C	Z	14.586	1
39	MP2C	Mx	.019	1
40	MP2C	X	-25.263	4
41	MP2C	Z	14.586	4
42	MP2C	Mx	.019	4
43	MP3A	X	-17.476	1
44	MP3A	Z	10.09	1
45	MP3A	Mx	.012	1
46	MP3A	X	-17.476	4
47	MP3A	Z	10.09	4
48	MP3A	Mx	.012	4
49	MP3A	X	-17.476	1
50	MP3A	Z	10.09	1
51	MP3A	Mx	.008	1
52	MP3A	X	-17.476	4
53	MP3A	Z	10.09	4
54	MP3A	Mx	.008	4
55	MP1A	X	-16.355	1
56	MP1A	Z	9.443	1
57	MP1A	Mx	.008	1
58	MP1A	X	-16.355	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
59	MP1A	Z	9.443	4
60	MP1A	Mx	.008	4
61	MP1B	X	-16.355	1
62	MP1B	Z	9.443	1
63	MP1B	Mx	-.008	1
64	MP1B	X	-16.355	4
65	MP1B	Z	9.443	4
66	MP1B	Mx	-.008	4
67	MP1C	X	-14.635	1
68	MP1C	Z	8.45	1
69	MP1C	Mx	0	1
70	MP1C	X	-14.635	4
71	MP1C	Z	8.45	4
72	MP1C	Mx	0	4
73	MP4B	X	-16.355	1
74	MP4B	Z	9.443	1
75	MP4B	Mx	-.008	1
76	MP4B	X	-16.355	4
77	MP4B	Z	9.443	4
78	MP4B	Mx	-.008	4
79	MP4C	X	-14.635	1
80	MP4C	Z	8.45	1
81	MP4C	Mx	0	1
82	MP4C	X	-14.635	4
83	MP4C	Z	8.45	4
84	MP4C	Mx	0	4
85	MP5A	X	-16.355	1
86	MP5A	Z	9.443	1
87	MP5A	Mx	.008	1
88	MP5A	X	-16.355	4
89	MP5A	Z	9.443	4
90	MP5A	Mx	.008	4
91	MP3B	X	-2.746	4.25
92	MP3B	Z	1.585	4.25
93	MP3B	Mx	-.001	4.25
94	MP3C	X	-5.837	4.25
95	MP3C	Z	3.37	4.25
96	MP3C	Mx	0	4.25
97	MP4A	X	-1.84	4.25
98	MP4A	Z	1.062	4.25
99	MP4A	Mx	.000862	4.25
100	MP2B	X	-8.739	2.5
101	MP2B	Z	5.046	2.5
102	MP2B	Mx	-.007	2.5
103	MP2C	X	-11.325	2.5
104	MP2C	Z	6.538	2.5
105	MP2C	Mx	.007	2.5
106	MP3A	X	-8.739	2.5
107	MP3A	Z	5.046	2.5
108	MP3A	Mx	.004	2.5
109	MP3B	X	-7.757	2.5
110	MP3B	Z	4.478	2.5
111	MP3B	Mx	-.004	2.5
112	MP3C	X	-11.325	2.5
113	MP3C	Z	6.538	2.5
114	MP3C	Mx	0	2.5
115	MP4A	X	-7.757	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
116	MP4A	Z	4.478	2.5
117	MP4A	Mx	.002	2.5
118	MP2B	X	-2.234	.5
119	MP2B	Z	1.29	.5
120	MP2B	Mx	-.001	.5
121	MP2C	X	-2.749	.5
122	MP2C	Z	1.587	.5
123	MP2C	Mx	0	.5
124	MP3A	X	-2.234	.5
125	MP3A	Z	1.29	.5
126	MP3A	Mx	.001	.5
127	MP2A	X	-16.635	.5
128	MP2A	Z	9.604	.5
129	MP2A	Mx	.008	.5
130	M16	X	-2.463	7
131	M16	Z	1.422	7
132	M16	Mx	.0007	7
133	M16	X	-2.463	7
134	M16	Z	1.422	7
135	M16	Mx	-.0007	7
136	M33	X	-3.315	7
137	M33	Z	1.914	7
138	M33	Mx	-.000829	7
139	M33	X	-3.315	7
140	M33	Z	1.914	7
141	M33	Mx	.000829	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3B	X	-13.289	.38
2	MP3B	Z	0	.38
3	MP3B	Mx	-.003	.38
4	MP3B	X	-13.289	1.63
5	MP3B	Z	0	1.63
6	MP3B	Mx	-.003	1.63
7	MP3C	X	-13.289	.38
8	MP3C	Z	0	.38
9	MP3C	Mx	-.003	.38
10	MP3C	X	-13.289	1.63
11	MP3C	Z	0	1.63
12	MP3C	Mx	-.003	1.63
13	MP4A	X	-7.651	.38
14	MP4A	Z	0	.38
15	MP4A	Mx	.004	.38
16	MP4A	X	-7.651	1.63
17	MP4A	Z	0	1.63
18	MP4A	Mx	.004	1.63
19	MP2B	X	-26.854	1
20	MP2B	Z	0	1
21	MP2B	Mx	.009	1
22	MP2B	X	-26.854	4
23	MP2B	Z	0	4
24	MP2B	Mx	.009	4
25	MP2C	X	-26.854	1
26	MP2C	Z	0	1
27	MP2C	Mx	-.022	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
28	MP2C	X	-26.854	4
29	MP2C	Z	0	4
30	MP2C	Mx	-.022	4
31	MP2B	X	-26.854	1
32	MP2B	Z	0	1
33	MP2B	Mx	-.022	1
34	MP2B	X	-26.854	4
35	MP2B	Z	0	4
36	MP2B	Mx	-.022	4
37	MP2C	X	-26.854	1
38	MP2C	Z	0	1
39	MP2C	Mx	.009	1
40	MP2C	X	-26.854	4
41	MP2C	Z	0	4
42	MP2C	Mx	.009	4
43	MP3A	X	-20.984	1
44	MP3A	Z	0	1
45	MP3A	Mx	.005	1
46	MP3A	X	-20.984	4
47	MP3A	Z	0	4
48	MP3A	Mx	.005	4
49	MP3A	X	-20.984	1
50	MP3A	Z	0	1
51	MP3A	Mx	.015	1
52	MP3A	X	-20.984	4
53	MP3A	Z	0	4
54	MP3A	Mx	.015	4
55	MP1A	X	-19.547	1
56	MP1A	Z	0	1
57	MP1A	Mx	.01	1
58	MP1A	X	-19.547	4
59	MP1A	Z	0	4
60	MP1A	Mx	.01	4
61	MP1B	X	-17.561	1
62	MP1B	Z	0	1
63	MP1B	Mx	-.004	1
64	MP1B	X	-17.561	4
65	MP1B	Z	0	4
66	MP1B	Mx	-.004	4
67	MP1C	X	-17.561	1
68	MP1C	Z	0	1
69	MP1C	Mx	-.004	1
70	MP1C	X	-17.561	4
71	MP1C	Z	0	4
72	MP1C	Mx	-.004	4
73	MP4B	X	-17.561	1
74	MP4B	Z	0	1
75	MP4B	Mx	-.004	1
76	MP4B	X	-17.561	4
77	MP4B	Z	0	4
78	MP4B	Mx	-.004	4
79	MP4C	X	-17.561	1
80	MP4C	Z	0	1
81	MP4C	Mx	-.004	1
82	MP4C	X	-17.561	4
83	MP4C	Z	0	4
84	MP4C	Mx	-.004	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
85	MP5A	X	-19.547	1
86	MP5A	Z	0	1
87	MP5A	Mx	.01	1
88	MP5A	X	-19.547	4
89	MP5A	Z	0	4
90	MP5A	Mx	.01	4
91	MP3B	X	-5.55	4.25
92	MP3B	Z	0	4.25
93	MP3B	Mx	-.001	4.25
94	MP3C	X	-5.55	4.25
95	MP3C	Z	0	4.25
96	MP3C	Mx	-.001	4.25
97	MP4A	X	-2.538	4.25
98	MP4A	Z	0	4.25
99	MP4A	Mx	.002	4.25
100	MP2B	X	-12.082	2.5
101	MP2B	Z	0	2.5
102	MP2B	Mx	-.008	2.5
103	MP2C	X	-12.082	2.5
104	MP2C	Z	0	2.5
105	MP2C	Mx	.002	2.5
106	MP3A	X	-9.096	2.5
107	MP3A	Z	0	2.5
108	MP3A	Mx	.005	2.5
109	MP3B	X	-11.703	2.5
110	MP3B	Z	0	2.5
111	MP3B	Mx	-.003	2.5
112	MP3C	X	-11.703	2.5
113	MP3C	Z	0	2.5
114	MP3C	Mx	-.003	2.5
115	MP4A	X	-7.584	2.5
116	MP4A	Z	0	2.5
117	MP4A	Mx	.004	2.5
118	MP2B	X	-2.976	.5
119	MP2B	Z	0	.5
120	MP2B	Mx	-.000744	.5
121	MP2C	X	-2.976	.5
122	MP2C	Z	0	.5
123	MP2C	Mx	-.000744	.5
124	MP3A	X	-2.382	.5
125	MP3A	Z	0	.5
126	MP3A	Mx	.001	.5
127	MP2A	X	-17.219	.5
128	MP2A	Z	0	.5
129	MP2A	Mx	.009	.5
130	M16	X	-3.232	7
131	M16	Z	0	7
132	M16	Mx	.000759	7
133	M16	X	-3.232	7
134	M16	Z	0	7
135	M16	Mx	-.000759	7
136	M33	X	-6.068	7
137	M33	Z	0	7
138	M33	Mx	-.000759	7
139	M33	X	-6.068	7
140	M33	Z	0	7
141	M33	Mx	.000759	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3B	X	-13.437	.38
2	MP3B	Z	-7.758	.38
3	MP3B	Mx	0	.38
4	MP3B	X	-13.437	1.63
5	MP3B	Z	-7.758	1.63
6	MP3B	Mx	0	1.63
7	MP3C	X	-7.652	.38
8	MP3C	Z	-4.418	.38
9	MP3C	Mx	-.004	.38
10	MP3C	X	-7.652	1.63
11	MP3C	Z	-4.418	1.63
12	MP3C	Mx	-.004	1.63
13	MP4A	X	-10.25	.38
14	MP4A	Z	-5.918	.38
15	MP4A	Mx	.004	.38
16	MP4A	X	-10.25	1.63
17	MP4A	Z	-5.918	1.63
18	MP4A	Mx	.004	1.63
19	MP2B	X	-25.263	1
20	MP2B	Z	-14.586	1
21	MP2B	Mx	.019	1
22	MP2B	X	-25.263	4
23	MP2B	Z	-14.586	4
24	MP2B	Mx	.019	4
25	MP2C	X	-19.241	1
26	MP2C	Z	-11.109	1
27	MP2C	Mx	-.017	1
28	MP2C	X	-19.241	4
29	MP2C	Z	-11.109	4
30	MP2C	Mx	-.017	4
31	MP2B	X	-25.263	1
32	MP2B	Z	-14.586	1
33	MP2B	Mx	-.019	1
34	MP2B	X	-25.263	4
35	MP2B	Z	-14.586	4
36	MP2B	Mx	-.019	4
37	MP2C	X	-19.241	1
38	MP2C	Z	-11.109	1
39	MP2C	Mx	-.002	1
40	MP2C	X	-19.241	4
41	MP2C	Z	-11.109	4
42	MP2C	Mx	-.002	4
43	MP3A	X	-21.946	1
44	MP3A	Z	-12.67	1
45	MP3A	Mx	-.005	1
46	MP3A	X	-21.946	4
47	MP3A	Z	-12.67	4
48	MP3A	Mx	-.005	4
49	MP3A	X	-21.946	1
50	MP3A	Z	-12.67	1
51	MP3A	Mx	.021	1
52	MP3A	X	-21.946	4
53	MP3A	Z	-12.67	4
54	MP3A	Mx	.021	4
55	MP1A	X	-16.355	1
56	MP1A	Z	-9.443	1
57	MP1A	Mx	.008	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP1A	X	-16.355	4
59	MP1A	Z	-9.443	4
60	MP1A	Mx	.008	4
61	MP1B	X	-14.635	1
62	MP1B	Z	-8.45	1
63	MP1B	Mx	0	1
64	MP1B	X	-14.635	4
65	MP1B	Z	-8.45	4
66	MP1B	Mx	0	4
67	MP1C	X	-16.355	1
68	MP1C	Z	-9.443	1
69	MP1C	Mx	-.008	1
70	MP1C	X	-16.355	4
71	MP1C	Z	-9.443	4
72	MP1C	Mx	-.008	4
73	MP4B	X	-14.635	1
74	MP4B	Z	-8.45	1
75	MP4B	Mx	0	1
76	MP4B	X	-14.635	4
77	MP4B	Z	-8.45	4
78	MP4B	Mx	0	4
79	MP4C	X	-16.355	1
80	MP4C	Z	-9.443	1
81	MP4C	Mx	-.008	1
82	MP4C	X	-16.355	4
83	MP4C	Z	-9.443	4
84	MP4C	Mx	-.008	4
85	MP5A	X	-16.355	1
86	MP5A	Z	-9.443	1
87	MP5A	Mx	.008	1
88	MP5A	X	-16.355	4
89	MP5A	Z	-9.443	4
90	MP5A	Mx	.008	4
91	MP3B	X	-5.837	4.25
92	MP3B	Z	-3.37	4.25
93	MP3B	Mx	0	4.25
94	MP3C	X	-2.746	4.25
95	MP3C	Z	-1.585	4.25
96	MP3C	Mx	-.001	4.25
97	MP4A	X	-4.134	4.25
98	MP4A	Z	-2.387	4.25
99	MP4A	Mx	.003	4.25
100	MP2B	X	-11.325	2.5
101	MP2B	Z	-6.538	2.5
102	MP2B	Mx	-.007	2.5
103	MP2C	X	-8.739	2.5
104	MP2C	Z	-5.046	2.5
105	MP2C	Mx	-.002	2.5
106	MP3A	X	-8.739	2.5
107	MP3A	Z	-5.046	2.5
108	MP3A	Mx	.004	2.5
109	MP3B	X	-11.325	2.5
110	MP3B	Z	-6.538	2.5
111	MP3B	Mx	0	2.5
112	MP3C	X	-7.757	2.5
113	MP3C	Z	-4.478	2.5
114	MP3C	Mx	-.004	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
115	MP4A	X	-7.757	2.5
116	MP4A	Z	-4.478	2.5
117	MP4A	Mx	.006	2.5
118	MP2B	X	-2.749	.5
119	MP2B	Z	-1.587	.5
120	MP2B	Mx	0	.5
121	MP2C	X	-2.234	.5
122	MP2C	Z	-1.29	.5
123	MP2C	Mx	-.001	.5
124	MP3A	X	-2.234	.5
125	MP3A	Z	-1.29	.5
126	MP3A	Mx	.001	.5
127	MP2A	X	-16.635	.5
128	MP2A	Z	-9.604	.5
129	MP2A	Mx	.008	.5
130	M16	X	-4.622	7
131	M16	Z	-2.669	7
132	M16	Mx	.000858	7
133	M16	X	-4.622	7
134	M16	Z	-2.669	7
135	M16	Mx	-.000858	7
136	M33	X	-6.225	7
137	M33	Z	-3.594	7
138	M33	Mx	0	7
139	M33	X	-6.225	7
140	M33	Z	-3.594	7
141	M33	Mx	0	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3B	X	-6.644	.38
2	MP3B	Z	-11.509	.38
3	MP3B	Mx	.003	.38
4	MP3B	X	-6.644	1.63
5	MP3B	Z	-11.509	1.63
6	MP3B	Mx	.003	1.63
7	MP3C	X	-3.305	.38
8	MP3C	Z	-5.724	.38
9	MP3C	Mx	-.003	.38
10	MP3C	X	-3.305	1.63
11	MP3C	Z	-5.724	1.63
12	MP3C	Mx	-.003	1.63
13	MP4A	X	-7.623	.38
14	MP4A	Z	-13.204	.38
15	MP4A	Mx	.001	.38
16	MP4A	X	-7.623	1.63
17	MP4A	Z	-13.204	1.63
18	MP4A	Mx	.001	1.63
19	MP2B	X	-13.427	1
20	MP2B	Z	-23.256	1
21	MP2B	Mx	.022	1
22	MP2B	X	-13.427	4
23	MP2B	Z	-23.256	4
24	MP2B	Mx	.022	4
25	MP2C	X	-9.95	1
26	MP2C	Z	-17.234	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
27	MP2C	Mx	-.01	1
28	MP2C	X	-9.95	4
29	MP2C	Z	-17.234	4
30	MP2C	Mx	-.01	4
31	MP2B	X	-13.427	1
32	MP2B	Z	-23.256	1
33	MP2B	Mx	-.009	1
34	MP2B	X	-13.427	4
35	MP2B	Z	-23.256	4
36	MP2B	Mx	-.009	4
37	MP2C	X	-9.95	1
38	MP2C	Z	-17.234	1
39	MP2C	Mx	-.01	1
40	MP2C	X	-9.95	4
41	MP2C	Z	-17.234	4
42	MP2C	Mx	-.01	4
43	MP3A	X	-14.446	1
44	MP3A	Z	-25.021	1
45	MP3A	Mx	-.016	1
46	MP3A	X	-14.446	4
47	MP3A	Z	-25.021	4
48	MP3A	Mx	-.016	4
49	MP3A	X	-14.446	1
50	MP3A	Z	-25.021	1
51	MP3A	Mx	.021	1
52	MP3A	X	-14.446	4
53	MP3A	Z	-25.021	4
54	MP3A	Mx	.021	4
55	MP1A	X	-8.781	1
56	MP1A	Z	-15.209	1
57	MP1A	Mx	.004	1
58	MP1A	X	-8.781	4
59	MP1A	Z	-15.209	4
60	MP1A	Mx	.004	4
61	MP1B	X	-8.781	1
62	MP1B	Z	-15.209	1
63	MP1B	Mx	.004	1
64	MP1B	X	-8.781	4
65	MP1B	Z	-15.209	4
66	MP1B	Mx	.004	4
67	MP1C	X	-9.774	1
68	MP1C	Z	-16.929	1
69	MP1C	Mx	-.01	1
70	MP1C	X	-9.774	4
71	MP1C	Z	-16.929	4
72	MP1C	Mx	-.01	4
73	MP4B	X	-8.781	1
74	MP4B	Z	-15.209	1
75	MP4B	Mx	.004	1
76	MP4B	X	-8.781	4
77	MP4B	Z	-15.209	4
78	MP4B	Mx	.004	4
79	MP4C	X	-9.774	1
80	MP4C	Z	-16.929	1
81	MP4C	Mx	-.01	1
82	MP4C	X	-9.774	4
83	MP4C	Z	-16.929	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
84	MP4C	Mx	-.01	4
85	MP5A	X	-8.781	1
86	MP5A	Z	-15.209	1
87	MP5A	Mx	.004	1
88	MP5A	X	-8.781	4
89	MP5A	Z	-15.209	4
90	MP5A	Mx	.004	4
91	MP3B	X	-2.775	4.25
92	MP3B	Z	-4.807	4.25
93	MP3B	Mx	.001	4.25
94	MP3C	X	-.991	4.25
95	MP3C	Z	-1.716	4.25
96	MP3C	Mx	-.000991	4.25
97	MP4A	X	-3.298	4.25
98	MP4A	Z	-5.713	4.25
99	MP4A	Mx	.004	4.25
100	MP2B	X	-6.041	2.5
101	MP2B	Z	-10.463	2.5
102	MP2B	Mx	-.002	2.5
103	MP2C	X	-4.548	2.5
104	MP2C	Z	-7.878	2.5
105	MP2C	Mx	-.005	2.5
106	MP3A	X	-6.041	2.5
107	MP3A	Z	-10.463	2.5
108	MP3A	Mx	.003	2.5
109	MP3B	X	-5.852	2.5
110	MP3B	Z	-10.136	2.5
111	MP3B	Mx	.003	2.5
112	MP3C	X	-3.792	2.5
113	MP3C	Z	-6.568	2.5
114	MP3C	Mx	-.004	2.5
115	MP4A	X	-5.852	2.5
116	MP4A	Z	-10.136	2.5
117	MP4A	Mx	.008	2.5
118	MP2B	X	-1.488	.5
119	MP2B	Z	-2.578	.5
120	MP2B	Mx	.000744	.5
121	MP2C	X	-1.191	.5
122	MP2C	Z	-2.063	.5
123	MP2C	Mx	-.001	.5
124	MP3A	X	-1.488	.5
125	MP3A	Z	-2.578	.5
126	MP3A	Mx	.000744	.5
127	MP2A	X	-11.593	.5
128	MP2A	Z	-20.079	.5
129	MP2A	Mx	.006	.5
130	M16	X	-3.527	7
131	M16	Z	-6.108	7
132	M16	Mx	.000306	7
133	M16	X	-3.527	7
134	M16	Z	-6.108	7
135	M16	Mx	-.000306	7
136	M33	X	-3.034	7
137	M33	Z	-5.255	7
138	M33	Mx	.000758	7
139	M33	X	-3.034	7
140	M33	Z	-5.255	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
141	M33	Mx	-.000758	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3B	X	0	.38
2	MP3B	Z	-2.096	.38
3	MP3B	Mx	.000908	.38
4	MP3B	X	0	1.63
5	MP3B	Z	-2.096	1.63
6	MP3B	Mx	.000908	1.63
7	MP3C	X	0	.38
8	MP3C	Z	-2.096	.38
9	MP3C	Mx	-.000908	.38
10	MP3C	X	0	1.63
11	MP3C	Z	-2.096	1.63
12	MP3C	Mx	-.000908	1.63
13	MP4A	X	0	.38
14	MP4A	Z	-3.807	.38
15	MP4A	Mx	-.000651	.38
16	MP4A	X	0	1.63
17	MP4A	Z	-3.807	1.63
18	MP4A	Mx	-.000651	1.63
19	MP2B	X	0	1
20	MP2B	Z	-7.117	1
21	MP2B	Mx	.005	1
22	MP2B	X	0	4
23	MP2B	Z	-7.117	4
24	MP2B	Mx	.005	4
25	MP2C	X	0	1
26	MP2C	Z	-7.117	1
27	MP2C	Mx	-.000709	1
28	MP2C	X	0	4
29	MP2C	Z	-7.117	4
30	MP2C	Mx	-.000709	4
31	MP2B	X	0	1
32	MP2B	Z	-7.117	1
33	MP2B	Mx	.000709	1
34	MP2B	X	0	4
35	MP2B	Z	-7.117	4
36	MP2B	Mx	.000709	4
37	MP2C	X	0	1
38	MP2C	Z	-7.117	1
39	MP2C	Mx	-.005	1
40	MP2C	X	0	4
41	MP2C	Z	-7.117	4
42	MP2C	Mx	-.005	4
43	MP3A	X	0	1
44	MP3A	Z	-9.199	1
45	MP3A	Mx	-.007	1
46	MP3A	X	0	4
47	MP3A	Z	-9.199	4
48	MP3A	Mx	-.007	4
49	MP3A	X	0	1
50	MP3A	Z	-9.199	1
51	MP3A	Mx	.004	1
52	MP3A	X	0	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
53	MP3A	Z	-9.199	4
54	MP3A	Mx	.004	4
55	MP1A	X	0	1
56	MP1A	Z	-5.27	1
57	MP1A	Mx	0	1
58	MP1A	X	0	4
59	MP1A	Z	-5.27	4
60	MP1A	Mx	0	4
61	MP1B	X	0	1
62	MP1B	Z	-5.946	1
63	MP1B	Mx	.003	1
64	MP1B	X	0	4
65	MP1B	Z	-5.946	4
66	MP1B	Mx	.003	4
67	MP1C	X	0	1
68	MP1C	Z	-5.946	1
69	MP1C	Mx	-.003	1
70	MP1C	X	0	4
71	MP1C	Z	-5.946	4
72	MP1C	Mx	-.003	4
73	MP4B	X	0	1
74	MP4B	Z	-5.946	1
75	MP4B	Mx	.003	1
76	MP4B	X	0	4
77	MP4B	Z	-5.946	4
78	MP4B	Mx	.003	4
79	MP4C	X	0	1
80	MP4C	Z	-5.946	1
81	MP4C	Mx	-.003	1
82	MP4C	X	0	4
83	MP4C	Z	-5.946	4
84	MP4C	Mx	-.003	4
85	MP5A	X	0	1
86	MP5A	Z	-5.27	1
87	MP5A	Mx	0	1
88	MP5A	X	0	4
89	MP5A	Z	-5.27	4
90	MP5A	Mx	0	4
91	MP3B	X	0	4.25
92	MP3B	Z	-.744	4.25
93	MP3B	Mx	.000322	4.25
94	MP3C	X	0	4.25
95	MP3C	Z	-.744	4.25
96	MP3C	Mx	-.000322	4.25
97	MP4A	X	0	4.25
98	MP4A	Z	-1.696	4.25
99	MP4A	Mx	.000507	4.25
100	MP2B	X	0	2.5
101	MP2B	Z	-2.456	2.5
102	MP2B	Mx	.000449	2.5
103	MP2C	X	0	2.5
104	MP2C	Z	-2.456	2.5
105	MP2C	Mx	-.002	2.5
106	MP3A	X	0	2.5
107	MP3A	Z	-3.261	2.5
108	MP3A	Mx	0	2.5
109	MP3B	X	0	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
110	MP3B	Z	-2.157	2.5
111	MP3B	Mx	.000934	2.5
112	MP3C	X	0	2.5
113	MP3C	Z	-2.157	2.5
114	MP3C	Mx	-.000934	2.5
115	MP4A	X	0	2.5
116	MP4A	Z	-3.261	2.5
117	MP4A	Mx	.002	2.5
118	MP2B	X	0	.5
119	MP2B	Z	-.599	.5
120	MP2B	Mx	.000259	.5
121	MP2C	X	0	.5
122	MP2C	Z	-.599	.5
123	MP2C	Mx	-.000259	.5
124	MP3A	X	0	.5
125	MP3A	Z	-.778	.5
126	MP3A	Mx	0	.5
127	MP2A	X	0	.5
128	MP2A	Z	-6.669	.5
129	MP2A	Mx	0	.5
130	M16	X	0	7
131	M16	Z	-1.855	7
132	M16	Mx	-.000159	7
133	M16	X	0	7
134	M16	Z	-1.855	7
135	M16	Mx	.000159	7
136	M33	X	0	7
137	M33	Z	-.964	7
138	M33	Mx	.000209	7
139	M33	X	0	7
140	M33	Z	-.964	7
141	M33	Mx	-.000209	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3B	X	.71	.38
2	MP3B	Z	-1.23	.38
3	MP3B	Mx	.00071	.38
4	MP3B	X	.71	1.63
5	MP3B	Z	-1.23	1.63
6	MP3B	Mx	.00071	1.63
7	MP3C	X	1.724	.38
8	MP3C	Z	-2.986	.38
9	MP3C	Mx	-.000862	.38
10	MP3C	X	1.724	1.63
11	MP3C	Z	-2.986	1.63
12	MP3C	Mx	-.000862	1.63
13	MP4A	X	1.269	.38
14	MP4A	Z	-2.197	.38
15	MP4A	Mx	-.000972	.38
16	MP4A	X	1.269	1.63
17	MP4A	Z	-2.197	1.63
18	MP4A	Mx	-.000972	1.63
19	MP2B	X	3.147	1
20	MP2B	Z	-5.451	1
21	MP2B	Mx	.003	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
22	MP2B	X	3.147	4
23	MP2B	Z	-5.451	4
24	MP2B	Mx	.003	4
25	MP2C	X	4.381	1
26	MP2C	Z	-7.587	1
27	MP2C	Mx	.003	1
28	MP2C	X	4.381	4
29	MP2C	Z	-7.587	4
30	MP2C	Mx	.003	4
31	MP2B	X	3.147	1
32	MP2B	Z	-5.451	1
33	MP2B	Mx	.003	1
34	MP2B	X	3.147	4
35	MP2B	Z	-5.451	4
36	MP2B	Mx	.003	4
37	MP2C	X	4.381	1
38	MP2C	Z	-7.587	1
39	MP2C	Mx	-.007	1
40	MP2C	X	4.381	4
41	MP2C	Z	-7.587	4
42	MP2C	Mx	-.007	4
43	MP3A	X	3.827	1
44	MP3A	Z	-6.628	1
45	MP3A	Mx	-.006	1
46	MP3A	X	3.827	4
47	MP3A	Z	-6.628	4
48	MP3A	Mx	-.006	4
49	MP3A	X	3.827	1
50	MP3A	Z	-6.628	1
51	MP3A	Mx	.000348	1
52	MP3A	X	3.827	4
53	MP3A	Z	-6.628	4
54	MP3A	Mx	.000348	4
55	MP1A	X	2.748	1
56	MP1A	Z	-4.759	1
57	MP1A	Mx	-.001	1
58	MP1A	X	2.748	4
59	MP1A	Z	-4.759	4
60	MP1A	Mx	-.001	4
61	MP1B	X	3.086	1
62	MP1B	Z	-5.345	1
63	MP1B	Mx	.003	1
64	MP1B	X	3.086	4
65	MP1B	Z	-5.345	4
66	MP1B	Mx	.003	4
67	MP1C	X	2.748	1
68	MP1C	Z	-4.759	1
69	MP1C	Mx	-.001	1
70	MP1C	X	2.748	4
71	MP1C	Z	-4.759	4
72	MP1C	Mx	-.001	4
73	MP4B	X	3.086	1
74	MP4B	Z	-5.345	1
75	MP4B	Mx	.003	1
76	MP4B	X	3.086	4
77	MP4B	Z	-5.345	4
78	MP4B	Mx	.003	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
79	MP4C	X	2.748	1
80	MP4C	Z	-4.759	1
81	MP4C	Mx	-.001	1
82	MP4C	X	2.748	4
83	MP4C	Z	-4.759	4
84	MP4C	Mx	-.001	4
85	MP5A	X	2.748	1
86	MP5A	Z	-4.759	1
87	MP5A	Mx	-.001	1
88	MP5A	X	2.748	4
89	MP5A	Z	-4.759	4
90	MP5A	Mx	-.001	4
91	MP3B	X	.184	4.25
92	MP3B	Z	-.318	4.25
93	MP3B	Mx	.000184	4.25
94	MP3C	X	.748	4.25
95	MP3C	Z	-1.296	4.25
96	MP3C	Mx	-.000374	4.25
97	MP4A	X	.495	4.25
98	MP4A	Z	-.857	4.25
99	MP4A	Mx	-6.1e-5	4.25
100	MP2B	X	1.094	2.5
101	MP2B	Z	-1.895	2.5
102	MP2B	Mx	.001	2.5
103	MP2C	X	1.496	2.5
104	MP2C	Z	-2.592	2.5
105	MP2C	Mx	-.002	2.5
106	MP3A	X	1.496	2.5
107	MP3A	Z	-2.592	2.5
108	MP3A	Mx	-.000748	2.5
109	MP3B	X	.894	2.5
110	MP3B	Z	-1.549	2.5
111	MP3B	Mx	.000894	2.5
112	MP3C	X	1.446	2.5
113	MP3C	Z	-2.505	2.5
114	MP3C	Mx	-.000723	2.5
115	MP4A	X	1.446	2.5
116	MP4A	Z	-2.505	2.5
117	MP4A	Mx	.000529	2.5
118	MP2B	X	.269	.5
119	MP2B	Z	-.466	.5
120	MP2B	Mx	.000269	.5
121	MP2C	X	.359	.5
122	MP2C	Z	-.622	.5
123	MP2C	Mx	-.00018	.5
124	MP3A	X	.359	.5
125	MP3A	Z	-.622	.5
126	MP3A	Mx	-.00018	.5
127	MP2A	X	3.135	.5
128	MP2A	Z	-5.43	.5
129	MP2A	Mx	-.002	.5
130	M16	X	.597	7
131	M16	Z	-1.034	7
132	M16	Mx	-.000229	7
133	M16	X	.597	7
134	M16	Z	-1.034	7
135	M16	Mx	.000229	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
136	M33	X	.306	7
137	M33	Z	-.531	7
138	M33	Mx	.000153	7
139	M33	X	.306	7
140	M33	Z	-.531	7
141	M33	Mx	-.000153	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3B	X	1.815	.38
2	MP3B	Z	-1.048	.38
3	MP3B	Mx	.000908	.38
4	MP3B	X	1.815	1.63
5	MP3B	Z	-1.048	1.63
6	MP3B	Mx	.000908	1.63
7	MP3C	X	3.571	.38
8	MP3C	Z	-2.062	.38
9	MP3C	Mx	0	.38
10	MP3C	X	3.571	1.63
11	MP3C	Z	-2.062	1.63
12	MP3C	Mx	0	1.63
13	MP4A	X	1.3	.38
14	MP4A	Z	-.751	.38
15	MP4A	Mx	-.000739	.38
16	MP4A	X	1.3	1.63
17	MP4A	Z	-.751	1.63
18	MP4A	Mx	-.000739	1.63
19	MP2B	X	6.163	1
20	MP2B	Z	-3.558	1
21	MP2B	Mx	.000709	1
22	MP2B	X	6.163	4
23	MP2B	Z	-3.558	4
24	MP2B	Mx	.000709	4
25	MP2C	X	8.299	1
26	MP2C	Z	-4.792	1
27	MP2C	Mx	.006	1
28	MP2C	X	8.299	4
29	MP2C	Z	-4.792	4
30	MP2C	Mx	.006	4
31	MP2B	X	6.163	1
32	MP2B	Z	-3.558	1
33	MP2B	Mx	.005	1
34	MP2B	X	6.163	4
35	MP2B	Z	-3.558	4
36	MP2B	Mx	.005	4
37	MP2C	X	8.299	1
38	MP2C	Z	-4.792	1
39	MP2C	Mx	-.006	1
40	MP2C	X	8.299	4
41	MP2C	Z	-4.792	4
42	MP2C	Mx	-.006	4
43	MP3A	X	5.537	1
44	MP3A	Z	-3.197	1
45	MP3A	Mx	-.004	1
46	MP3A	X	5.537	4
47	MP3A	Z	-3.197	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
48	MP3A	Mx	-.004	4
49	MP3A	X	5.537	1
50	MP3A	Z	-3.197	1
51	MP3A	Mx	-.002	1
52	MP3A	X	5.537	4
53	MP3A	Z	-3.197	4
54	MP3A	Mx	-.002	4
55	MP1A	X	5.15	1
56	MP1A	Z	-2.973	1
57	MP1A	Mx	-.003	1
58	MP1A	X	5.15	4
59	MP1A	Z	-2.973	4
60	MP1A	Mx	-.003	4
61	MP1B	X	5.15	1
62	MP1B	Z	-2.973	1
63	MP1B	Mx	.003	1
64	MP1B	X	5.15	4
65	MP1B	Z	-2.973	4
66	MP1B	Mx	.003	4
67	MP1C	X	4.564	1
68	MP1C	Z	-2.635	1
69	MP1C	Mx	0	1
70	MP1C	X	4.564	4
71	MP1C	Z	-2.635	4
72	MP1C	Mx	0	4
73	MP4B	X	5.15	1
74	MP4B	Z	-2.973	1
75	MP4B	Mx	.003	1
76	MP4B	X	5.15	4
77	MP4B	Z	-2.973	4
78	MP4B	Mx	.003	4
79	MP4C	X	4.564	1
80	MP4C	Z	-2.635	1
81	MP4C	Mx	0	1
82	MP4C	X	4.564	4
83	MP4C	Z	-2.635	4
84	MP4C	Mx	0	4
85	MP5A	X	5.15	1
86	MP5A	Z	-2.973	1
87	MP5A	Mx	-.003	1
88	MP5A	X	5.15	4
89	MP5A	Z	-2.973	4
90	MP5A	Mx	-.003	4
91	MP3B	X	.644	4.25
92	MP3B	Z	-.372	4.25
93	MP3B	Mx	.000322	4.25
94	MP3C	X	1.622	4.25
95	MP3C	Z	-.936	4.25
96	MP3C	Mx	0	4.25
97	MP4A	X	.357	4.25
98	MP4A	Z	-.206	4.25
99	MP4A	Mx	-.000167	4.25
100	MP2B	X	2.127	2.5
101	MP2B	Z	-1.228	2.5
102	MP2B	Mx	.002	2.5
103	MP2C	X	2.824	2.5
104	MP2C	Z	-1.631	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
105	MP2C	Mx	-.002	2.5
106	MP3A	X	2.127	2.5
107	MP3A	Z	-1.228	2.5
108	MP3A	Mx	-.001	2.5
109	MP3B	X	1.868	2.5
110	MP3B	Z	-1.078	2.5
111	MP3B	Mx	.000934	2.5
112	MP3C	X	2.824	2.5
113	MP3C	Z	-1.631	2.5
114	MP3C	Mx	0	2.5
115	MP4A	X	1.868	2.5
116	MP4A	Z	-1.078	2.5
117	MP4A	Mx	-.000395	2.5
118	MP2B	X	.518	.5
119	MP2B	Z	-.299	.5
120	MP2B	Mx	.000259	.5
121	MP2C	X	.674	.5
122	MP2C	Z	-.389	.5
123	MP2C	Mx	0	.5
124	MP3A	X	.518	.5
125	MP3A	Z	-.299	.5
126	MP3A	Mx	-.000259	.5
127	MP2A	X	4.737	.5
128	MP2A	Z	-2.735	.5
129	MP2A	Mx	-.002	.5
130	M16	X	.567	7
131	M16	Z	-.328	7
132	M16	Mx	-.000161	7
133	M16	X	.567	7
134	M16	Z	-.328	7
135	M16	Mx	.000161	7
136	M33	X	.835	7
137	M33	Z	-.482	7
138	M33	Mx	.000209	7
139	M33	X	.835	7
140	M33	Z	-.482	7
141	M33	Mx	-.000209	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3B	X	3.448	.38
2	MP3B	Z	0	.38
3	MP3B	Mx	.000862	.38
4	MP3B	X	3.448	1.63
5	MP3B	Z	0	1.63
6	MP3B	Mx	.000862	1.63
7	MP3C	X	3.448	.38
8	MP3C	Z	0	.38
9	MP3C	Mx	.000862	.38
10	MP3C	X	3.448	1.63
11	MP3C	Z	0	1.63
12	MP3C	Mx	.000862	1.63
13	MP4A	X	1.736	.38
14	MP4A	Z	0	.38
15	MP4A	Mx	-.000816	.38
16	MP4A	X	1.736	1.63

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
17	MP4A	Z	0	1.63
18	MP4A	Mx	-.000816	1.63
19	MP2B	X	8.761	1
20	MP2B	Z	0	1
21	MP2B	Mx	-.003	1
22	MP2B	X	8.761	4
23	MP2B	Z	0	4
24	MP2B	Mx	-.003	4
25	MP2C	X	8.761	1
26	MP2C	Z	0	1
27	MP2C	Mx	.007	1
28	MP2C	X	8.761	4
29	MP2C	Z	0	4
30	MP2C	Mx	.007	4
31	MP2B	X	8.761	1
32	MP2B	Z	0	1
33	MP2B	Mx	.007	1
34	MP2B	X	8.761	4
35	MP2B	Z	0	4
36	MP2B	Mx	.007	4
37	MP2C	X	8.761	1
38	MP2C	Z	0	1
39	MP2C	Mx	-.003	1
40	MP2C	X	8.761	4
41	MP2C	Z	0	4
42	MP2C	Mx	-.003	4
43	MP3A	X	6.679	1
44	MP3A	Z	0	1
45	MP3A	Mx	-.002	1
46	MP3A	X	6.679	4
47	MP3A	Z	0	4
48	MP3A	Mx	-.002	4
49	MP3A	X	6.679	1
50	MP3A	Z	0	1
51	MP3A	Mx	-.005	1
52	MP3A	X	6.679	4
53	MP3A	Z	0	4
54	MP3A	Mx	-.005	4
55	MP1A	X	6.171	1
56	MP1A	Z	0	1
57	MP1A	Mx	-.003	1
58	MP1A	X	6.171	4
59	MP1A	Z	0	4
60	MP1A	Mx	-.003	4
61	MP1B	X	5.496	1
62	MP1B	Z	0	1
63	MP1B	Mx	.001	1
64	MP1B	X	5.496	4
65	MP1B	Z	0	4
66	MP1B	Mx	.001	4
67	MP1C	X	5.496	1
68	MP1C	Z	0	1
69	MP1C	Mx	.001	1
70	MP1C	X	5.496	4
71	MP1C	Z	0	4
72	MP1C	Mx	.001	4
73	MP4B	X	5.496	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
74	MP4B	Z	0	1
75	MP4B	Mx	.001	1
76	MP4B	X	5.496	4
77	MP4B	Z	0	4
78	MP4B	Mx	.001	4
79	MP4C	X	5.496	1
80	MP4C	Z	0	1
81	MP4C	Mx	.001	1
82	MP4C	X	5.496	4
83	MP4C	Z	0	4
84	MP4C	Mx	.001	4
85	MP5A	X	6.171	1
86	MP5A	Z	0	1
87	MP5A	Mx	-.003	1
88	MP5A	X	6.171	4
89	MP5A	Z	0	4
90	MP5A	Mx	-.003	4
91	MP3B	X	1.496	4.25
92	MP3B	Z	0	4.25
93	MP3B	Mx	.000374	4.25
94	MP3C	X	1.496	4.25
95	MP3C	Z	0	4.25
96	MP3C	Mx	.000374	4.25
97	MP4A	X	.543	4.25
98	MP4A	Z	0	4.25
99	MP4A	Mx	-.000348	4.25
100	MP2B	X	2.993	2.5
101	MP2B	Z	0	2.5
102	MP2B	Mx	.002	2.5
103	MP2C	X	2.993	2.5
104	MP2C	Z	0	2.5
105	MP2C	Mx	-.000548	2.5
106	MP3A	X	2.188	2.5
107	MP3A	Z	0	2.5
108	MP3A	Mx	-.001	2.5
109	MP3B	X	2.893	2.5
110	MP3B	Z	0	2.5
111	MP3B	Mx	.000723	2.5
112	MP3C	X	2.893	2.5
113	MP3C	Z	0	2.5
114	MP3C	Mx	.000723	2.5
115	MP4A	X	1.788	2.5
116	MP4A	Z	0	2.5
117	MP4A	Mx	-.000894	2.5
118	MP2B	X	.718	.5
119	MP2B	Z	0	.5
120	MP2B	Mx	.00018	.5
121	MP2C	X	.718	.5
122	MP2C	Z	0	.5
123	MP2C	Mx	.00018	.5
124	MP3A	X	.539	.5
125	MP3A	Z	0	.5
126	MP3A	Mx	-.00027	.5
127	MP2A	X	5.07	.5
128	MP2A	Z	0	.5
129	MP2A	Mx	-.003	.5
130	M16	X	.777	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
131	M16	Z	0	7
132	M16	Mx	-.000183	7
133	M16	X	.777	7
134	M16	Z	0	7
135	M16	Mx	.000183	7
136	M33	X	1.668	7
137	M33	Z	0	7
138	M33	Mx	.000208	7
139	M33	X	1.668	7
140	M33	Z	0	7
141	M33	Mx	-.000208	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3B	X	3.571	.38
2	MP3B	Z	2.062	.38
3	MP3B	Mx	0	.38
4	MP3B	X	3.571	1.63
5	MP3B	Z	2.062	1.63
6	MP3B	Mx	0	1.63
7	MP3C	X	1.815	.38
8	MP3C	Z	1.048	.38
9	MP3C	Mx	.000908	.38
10	MP3C	X	1.815	1.63
11	MP3C	Z	1.048	1.63
12	MP3C	Mx	.000908	1.63
13	MP4A	X	2.604	.38
14	MP4A	Z	1.503	.38
15	MP4A	Mx	-.000966	.38
16	MP4A	X	2.604	1.63
17	MP4A	Z	1.503	1.63
18	MP4A	Mx	-.000966	1.63
19	MP2B	X	8.299	1
20	MP2B	Z	4.792	1
21	MP2B	Mx	-.006	1
22	MP2B	X	8.299	4
23	MP2B	Z	4.792	4
24	MP2B	Mx	-.006	4
25	MP2C	X	6.163	1
26	MP2C	Z	3.558	1
27	MP2C	Mx	.005	1
28	MP2C	X	6.163	4
29	MP2C	Z	3.558	4
30	MP2C	Mx	.005	4
31	MP2B	X	8.299	1
32	MP2B	Z	4.792	1
33	MP2B	Mx	.006	1
34	MP2B	X	8.299	4
35	MP2B	Z	4.792	4
36	MP2B	Mx	.006	4
37	MP2C	X	6.163	1
38	MP2C	Z	3.558	1
39	MP2C	Mx	.000709	1
40	MP2C	X	6.163	4
41	MP2C	Z	3.558	4
42	MP2C	Mx	.000709	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
43	MP3A	X	7.123	1
44	MP3A	Z	4.112	1
45	MP3A	Mx	.002	1
46	MP3A	X	7.123	4
47	MP3A	Z	4.112	4
48	MP3A	Mx	.002	4
49	MP3A	X	7.123	1
50	MP3A	Z	4.112	1
51	MP3A	Mx	-.007	1
52	MP3A	X	7.123	4
53	MP3A	Z	4.112	4
54	MP3A	Mx	-.007	4
55	MP1A	X	5.15	1
56	MP1A	Z	2.973	1
57	MP1A	Mx	-.003	1
58	MP1A	X	5.15	4
59	MP1A	Z	2.973	4
60	MP1A	Mx	-.003	4
61	MP1B	X	4.564	1
62	MP1B	Z	2.635	1
63	MP1B	Mx	0	1
64	MP1B	X	4.564	4
65	MP1B	Z	2.635	4
66	MP1B	Mx	0	4
67	MP1C	X	5.15	1
68	MP1C	Z	2.973	1
69	MP1C	Mx	.003	1
70	MP1C	X	5.15	4
71	MP1C	Z	2.973	4
72	MP1C	Mx	.003	4
73	MP4B	X	4.564	1
74	MP4B	Z	2.635	1
75	MP4B	Mx	0	1
76	MP4B	X	4.564	4
77	MP4B	Z	2.635	4
78	MP4B	Mx	0	4
79	MP4C	X	5.15	1
80	MP4C	Z	2.973	1
81	MP4C	Mx	.003	1
82	MP4C	X	5.15	4
83	MP4C	Z	2.973	4
84	MP4C	Mx	.003	4
85	MP5A	X	5.15	1
86	MP5A	Z	2.973	1
87	MP5A	Mx	-.003	1
88	MP5A	X	5.15	4
89	MP5A	Z	2.973	4
90	MP5A	Mx	-.003	4
91	MP3B	X	1.622	4.25
92	MP3B	Z	.936	4.25
93	MP3B	Mx	0	4.25
94	MP3C	X	.644	4.25
95	MP3C	Z	.372	4.25
96	MP3C	Mx	.000322	4.25
97	MP4A	X	1.083	4.25
98	MP4A	Z	.625	4.25
99	MP4A	Mx	-.000881	4.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
100	MP2B	X	2.824	2.5
101	MP2B	Z	1.631	2.5
102	MP2B	Mx	.002	2.5
103	MP2C	X	2.127	2.5
104	MP2C	Z	1.228	2.5
105	MP2C	Mx	.000449	2.5
106	MP3A	X	2.127	2.5
107	MP3A	Z	1.228	2.5
108	MP3A	Mx	-.001	2.5
109	MP3B	X	2.824	2.5
110	MP3B	Z	1.631	2.5
111	MP3B	Mx	0	2.5
112	MP3C	X	1.868	2.5
113	MP3C	Z	1.078	2.5
114	MP3C	Mx	.000934	2.5
115	MP4A	X	1.868	2.5
116	MP4A	Z	1.078	2.5
117	MP4A	Mx	-.001	2.5
118	MP2B	X	.674	.5
119	MP2B	Z	.389	.5
120	MP2B	Mx	0	.5
121	MP2C	X	.518	.5
122	MP2C	Z	.299	.5
123	MP2C	Mx	.000259	.5
124	MP3A	X	.518	.5
125	MP3A	Z	.299	.5
126	MP3A	Mx	-.000259	.5
127	MP2A	X	4.737	.5
128	MP2A	Z	2.735	.5
129	MP2A	Mx	-.002	.5
130	M16	X	1.246	7
131	M16	Z	.719	7
132	M16	Mx	-.000231	7
133	M16	X	1.246	7
134	M16	Z	.719	7
135	M16	Mx	.000231	7
136	M33	X	1.749	7
137	M33	Z	1.01	7
138	M33	Mx	0	7
139	M33	X	1.749	7
140	M33	Z	1.01	7
141	M33	Mx	0	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3B	X	1.724	.38
2	MP3B	Z	2.986	.38
3	MP3B	Mx	-.000862	.38
4	MP3B	X	1.724	1.63
5	MP3B	Z	2.986	1.63
6	MP3B	Mx	-.000862	1.63
7	MP3C	X	.71	.38
8	MP3C	Z	1.23	.38
9	MP3C	Mx	.00071	.38
10	MP3C	X	.71	1.63
11	MP3C	Z	1.23	1.63

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
12	MP3C	Mx	.00071	1.63
13	MP4A	X	2.021	.38
14	MP4A	Z	3.501	.38
15	MP4A	Mx	-.000351	.38
16	MP4A	X	2.021	1.63
17	MP4A	Z	3.501	1.63
18	MP4A	Mx	-.000351	1.63
19	MP2B	X	4.381	1
20	MP2B	Z	7.587	1
21	MP2B	Mx	-.007	1
22	MP2B	X	4.381	4
23	MP2B	Z	7.587	4
24	MP2B	Mx	-.007	4
25	MP2C	X	3.147	1
26	MP2C	Z	5.451	1
27	MP2C	Mx	.003	1
28	MP2C	X	3.147	4
29	MP2C	Z	5.451	4
30	MP2C	Mx	.003	4
31	MP2B	X	4.381	1
32	MP2B	Z	7.587	1
33	MP2B	Mx	.003	1
34	MP2B	X	4.381	4
35	MP2B	Z	7.587	4
36	MP2B	Mx	.003	4
37	MP2C	X	3.147	1
38	MP2C	Z	5.451	1
39	MP2C	Mx	.003	1
40	MP2C	X	3.147	4
41	MP2C	Z	5.451	4
42	MP2C	Mx	.003	4
43	MP3A	X	4.742	1
44	MP3A	Z	8.214	1
45	MP3A	Mx	.005	1
46	MP3A	X	4.742	4
47	MP3A	Z	8.214	4
48	MP3A	Mx	.005	4
49	MP3A	X	4.742	1
50	MP3A	Z	8.214	1
51	MP3A	Mx	-.007	1
52	MP3A	X	4.742	4
53	MP3A	Z	8.214	4
54	MP3A	Mx	-.007	4
55	MP1A	X	2.748	1
56	MP1A	Z	4.759	1
57	MP1A	Mx	-.001	1
58	MP1A	X	2.748	4
59	MP1A	Z	4.759	4
60	MP1A	Mx	-.001	4
61	MP1B	X	2.748	1
62	MP1B	Z	4.759	1
63	MP1B	Mx	-.001	1
64	MP1B	X	2.748	4
65	MP1B	Z	4.759	4
66	MP1B	Mx	-.001	4
67	MP1C	X	3.086	1
68	MP1C	Z	5.345	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
69	MP1C	Mx	.003	1
70	MP1C	X	3.086	4
71	MP1C	Z	5.345	4
72	MP1C	Mx	.003	4
73	MP4B	X	2.748	1
74	MP4B	Z	4.759	1
75	MP4B	Mx	-.001	1
76	MP4B	X	2.748	4
77	MP4B	Z	4.759	4
78	MP4B	Mx	-.001	4
79	MP4C	X	3.086	1
80	MP4C	Z	5.345	1
81	MP4C	Mx	.003	1
82	MP4C	X	3.086	4
83	MP4C	Z	5.345	4
84	MP4C	Mx	.003	4
85	MP5A	X	2.748	1
86	MP5A	Z	4.759	1
87	MP5A	Mx	-.001	1
88	MP5A	X	2.748	4
89	MP5A	Z	4.759	4
90	MP5A	Mx	-.001	4
91	MP3B	X	.748	4.25
92	MP3B	Z	1.296	4.25
93	MP3B	Mx	-.000374	4.25
94	MP3C	X	.184	4.25
95	MP3C	Z	.318	4.25
96	MP3C	Mx	.000184	4.25
97	MP4A	X	.914	4.25
98	MP4A	Z	1.582	4.25
99	MP4A	Mx	-.001	4.25
100	MP2B	X	1.496	2.5
101	MP2B	Z	2.592	2.5
102	MP2B	Mx	.000547	2.5
103	MP2C	X	1.094	2.5
104	MP2C	Z	1.895	2.5
105	MP2C	Mx	.001	2.5
106	MP3A	X	1.496	2.5
107	MP3A	Z	2.592	2.5
108	MP3A	Mx	-.000748	2.5
109	MP3B	X	1.446	2.5
110	MP3B	Z	2.505	2.5
111	MP3B	Mx	-.000723	2.5
112	MP3C	X	.894	2.5
113	MP3C	Z	1.549	2.5
114	MP3C	Mx	.000894	2.5
115	MP4A	X	1.446	2.5
116	MP4A	Z	2.505	2.5
117	MP4A	Mx	-.002	2.5
118	MP2B	X	.359	.5
119	MP2B	Z	.622	.5
120	MP2B	Mx	-.00018	.5
121	MP2C	X	.269	.5
122	MP2C	Z	.466	.5
123	MP2C	Mx	.000269	.5
124	MP3A	X	.359	.5
125	MP3A	Z	.622	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
126	MP3A	Mx	-.00018	.5
127	MP2A	X	3.135	.5
128	MP2A	Z	5.43	.5
129	MP2A	Mx	-.002	.5
130	M16	X	.989	7
131	M16	Z	1.712	7
132	M16	Mx	-8.6e-5	7
133	M16	X	.989	7
134	M16	Z	1.712	7
135	M16	Mx	8.6e-5	7
136	M33	X	.834	7
137	M33	Z	1.445	7
138	M33	Mx	-.000209	7
139	M33	X	.834	7
140	M33	Z	1.445	7
141	M33	Mx	.000209	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3B	X	0	.38
2	MP3B	Z	2.096	.38
3	MP3B	Mx	-.000908	.38
4	MP3B	X	0	1.63
5	MP3B	Z	2.096	1.63
6	MP3B	Mx	-.000908	1.63
7	MP3C	X	0	.38
8	MP3C	Z	2.096	.38
9	MP3C	Mx	.000908	.38
10	MP3C	X	0	1.63
11	MP3C	Z	2.096	1.63
12	MP3C	Mx	.000908	1.63
13	MP4A	X	0	.38
14	MP4A	Z	3.807	.38
15	MP4A	Mx	.000651	.38
16	MP4A	X	0	1.63
17	MP4A	Z	3.807	1.63
18	MP4A	Mx	.000651	1.63
19	MP2B	X	0	1
20	MP2B	Z	7.117	1
21	MP2B	Mx	-.005	1
22	MP2B	X	0	4
23	MP2B	Z	7.117	4
24	MP2B	Mx	-.005	4
25	MP2C	X	0	1
26	MP2C	Z	7.117	1
27	MP2C	Mx	.000709	1
28	MP2C	X	0	4
29	MP2C	Z	7.117	4
30	MP2C	Mx	.000709	4
31	MP2B	X	0	1
32	MP2B	Z	7.117	1
33	MP2B	Mx	-.000709	1
34	MP2B	X	0	4
35	MP2B	Z	7.117	4
36	MP2B	Mx	-.000709	4
37	MP2C	X	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
38	MP2C	Z	7.117	1
39	MP2C	Mx	.005	1
40	MP2C	X	0	4
41	MP2C	Z	7.117	4
42	MP2C	Mx	.005	4
43	MP3A	X	0	1
44	MP3A	Z	9.199	1
45	MP3A	Mx	.007	1
46	MP3A	X	0	4
47	MP3A	Z	9.199	4
48	MP3A	Mx	.007	4
49	MP3A	X	0	1
50	MP3A	Z	9.199	1
51	MP3A	Mx	-.004	1
52	MP3A	X	0	4
53	MP3A	Z	9.199	4
54	MP3A	Mx	-.004	4
55	MP1A	X	0	1
56	MP1A	Z	5.27	1
57	MP1A	Mx	0	1
58	MP1A	X	0	4
59	MP1A	Z	5.27	4
60	MP1A	Mx	0	4
61	MP1B	X	0	1
62	MP1B	Z	5.946	1
63	MP1B	Mx	-.003	1
64	MP1B	X	0	4
65	MP1B	Z	5.946	4
66	MP1B	Mx	-.003	4
67	MP1C	X	0	1
68	MP1C	Z	5.946	1
69	MP1C	Mx	.003	1
70	MP1C	X	0	4
71	MP1C	Z	5.946	4
72	MP1C	Mx	.003	4
73	MP4B	X	0	1
74	MP4B	Z	5.946	1
75	MP4B	Mx	-.003	1
76	MP4B	X	0	4
77	MP4B	Z	5.946	4
78	MP4B	Mx	-.003	4
79	MP4C	X	0	1
80	MP4C	Z	5.946	1
81	MP4C	Mx	.003	1
82	MP4C	X	0	4
83	MP4C	Z	5.946	4
84	MP4C	Mx	.003	4
85	MP5A	X	0	1
86	MP5A	Z	5.27	1
87	MP5A	Mx	0	1
88	MP5A	X	0	4
89	MP5A	Z	5.27	4
90	MP5A	Mx	0	4
91	MP3B	X	0	4.25
92	MP3B	Z	.744	4.25
93	MP3B	Mx	-.000322	4.25
94	MP3C	X	0	4.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
95	MP3C	Z	.744	4.25
96	MP3C	Mx	.000322	4.25
97	MP4A	X	0	4.25
98	MP4A	Z	1.696	4.25
99	MP4A	Mx	-.000507	4.25
100	MP2B	X	0	2.5
101	MP2B	Z	2.456	2.5
102	MP2B	Mx	-.000449	2.5
103	MP2C	X	0	2.5
104	MP2C	Z	2.456	2.5
105	MP2C	Mx	.002	2.5
106	MP3A	X	0	2.5
107	MP3A	Z	3.261	2.5
108	MP3A	Mx	0	2.5
109	MP3B	X	0	2.5
110	MP3B	Z	2.157	2.5
111	MP3B	Mx	-.000934	2.5
112	MP3C	X	0	2.5
113	MP3C	Z	2.157	2.5
114	MP3C	Mx	.000934	2.5
115	MP4A	X	0	2.5
116	MP4A	Z	3.261	2.5
117	MP4A	Mx	-.002	2.5
118	MP2B	X	0	.5
119	MP2B	Z	.599	.5
120	MP2B	Mx	-.000259	.5
121	MP2C	X	0	.5
122	MP2C	Z	.599	.5
123	MP2C	Mx	.000259	.5
124	MP3A	X	0	.5
125	MP3A	Z	.778	.5
126	MP3A	Mx	0	.5
127	MP2A	X	0	.5
128	MP2A	Z	6.669	.5
129	MP2A	Mx	0	.5
130	M16	X	0	7
131	M16	Z	1.855	7
132	M16	Mx	.000159	7
133	M16	X	0	7
134	M16	Z	1.855	7
135	M16	Mx	-.000159	7
136	M33	X	0	7
137	M33	Z	.964	7
138	M33	Mx	-.000209	7
139	M33	X	0	7
140	M33	Z	.964	7
141	M33	Mx	.000209	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3B	X	-.71	.38
2	MP3B	Z	1.23	.38
3	MP3B	Mx	-.00071	.38
4	MP3B	X	-.71	1.63
5	MP3B	Z	1.23	1.63
6	MP3B	Mx	-.00071	1.63

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
7	MP3C	X	-1.724	.38
8	MP3C	Z	2.986	.38
9	MP3C	Mx	.000862	.38
10	MP3C	X	-1.724	1.63
11	MP3C	Z	2.986	1.63
12	MP3C	Mx	.000862	1.63
13	MP4A	X	-1.269	.38
14	MP4A	Z	2.197	.38
15	MP4A	Mx	.000972	.38
16	MP4A	X	-1.269	1.63
17	MP4A	Z	2.197	1.63
18	MP4A	Mx	.000972	1.63
19	MP2B	X	-3.147	1
20	MP2B	Z	5.451	1
21	MP2B	Mx	-.003	1
22	MP2B	X	-3.147	4
23	MP2B	Z	5.451	4
24	MP2B	Mx	-.003	4
25	MP2C	X	-4.381	1
26	MP2C	Z	7.587	1
27	MP2C	Mx	-.003	1
28	MP2C	X	-4.381	4
29	MP2C	Z	7.587	4
30	MP2C	Mx	-.003	4
31	MP2B	X	-3.147	1
32	MP2B	Z	5.451	1
33	MP2B	Mx	-.003	1
34	MP2B	X	-3.147	4
35	MP2B	Z	5.451	4
36	MP2B	Mx	-.003	4
37	MP2C	X	-4.381	1
38	MP2C	Z	7.587	1
39	MP2C	Mx	.007	1
40	MP2C	X	-4.381	4
41	MP2C	Z	7.587	4
42	MP2C	Mx	.007	4
43	MP3A	X	-3.827	1
44	MP3A	Z	6.628	1
45	MP3A	Mx	.006	1
46	MP3A	X	-3.827	4
47	MP3A	Z	6.628	4
48	MP3A	Mx	.006	4
49	MP3A	X	-3.827	1
50	MP3A	Z	6.628	1
51	MP3A	Mx	-.000348	1
52	MP3A	X	-3.827	4
53	MP3A	Z	6.628	4
54	MP3A	Mx	-.000348	4
55	MP1A	X	-2.748	1
56	MP1A	Z	4.759	1
57	MP1A	Mx	.001	1
58	MP1A	X	-2.748	4
59	MP1A	Z	4.759	4
60	MP1A	Mx	.001	4
61	MP1B	X	-3.086	1
62	MP1B	Z	5.345	1
63	MP1B	Mx	-.003	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
64	MP1B	X	-3.086	4
65	MP1B	Z	5.345	4
66	MP1B	Mx	-.003	4
67	MP1C	X	-2.748	1
68	MP1C	Z	4.759	1
69	MP1C	Mx	.001	1
70	MP1C	X	-2.748	4
71	MP1C	Z	4.759	4
72	MP1C	Mx	.001	4
73	MP4B	X	-3.086	1
74	MP4B	Z	5.345	1
75	MP4B	Mx	-.003	1
76	MP4B	X	-3.086	4
77	MP4B	Z	5.345	4
78	MP4B	Mx	-.003	4
79	MP4C	X	-2.748	1
80	MP4C	Z	4.759	1
81	MP4C	Mx	.001	1
82	MP4C	X	-2.748	4
83	MP4C	Z	4.759	4
84	MP4C	Mx	.001	4
85	MP5A	X	-2.748	1
86	MP5A	Z	4.759	1
87	MP5A	Mx	.001	1
88	MP5A	X	-2.748	4
89	MP5A	Z	4.759	4
90	MP5A	Mx	.001	4
91	MP3B	X	-.184	4.25
92	MP3B	Z	.318	4.25
93	MP3B	Mx	-.000184	4.25
94	MP3C	X	-.748	4.25
95	MP3C	Z	1.296	4.25
96	MP3C	Mx	.000374	4.25
97	MP4A	X	-.495	4.25
98	MP4A	Z	.857	4.25
99	MP4A	Mx	6.1e-5	4.25
100	MP2B	X	-1.094	2.5
101	MP2B	Z	1.895	2.5
102	MP2B	Mx	-.001	2.5
103	MP2C	X	-1.496	2.5
104	MP2C	Z	2.592	2.5
105	MP2C	Mx	.002	2.5
106	MP3A	X	-1.496	2.5
107	MP3A	Z	2.592	2.5
108	MP3A	Mx	.000748	2.5
109	MP3B	X	-.894	2.5
110	MP3B	Z	1.549	2.5
111	MP3B	Mx	-.000894	2.5
112	MP3C	X	-1.446	2.5
113	MP3C	Z	2.505	2.5
114	MP3C	Mx	.000723	2.5
115	MP4A	X	-1.446	2.5
116	MP4A	Z	2.505	2.5
117	MP4A	Mx	-.000529	2.5
118	MP2B	X	-.269	.5
119	MP2B	Z	.466	.5
120	MP2B	Mx	-.000269	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
121	MP2C	X	-.359	.5
122	MP2C	Z	.622	.5
123	MP2C	Mx	.00018	.5
124	MP3A	X	-.359	.5
125	MP3A	Z	.622	.5
126	MP3A	Mx	.00018	.5
127	MP2A	X	-3.135	.5
128	MP2A	Z	5.43	.5
129	MP2A	Mx	.002	.5
130	M16	X	-.597	7
131	M16	Z	1.034	7
132	M16	Mx	.000229	7
133	M16	X	-.597	7
134	M16	Z	1.034	7
135	M16	Mx	-.000229	7
136	M33	X	-.306	7
137	M33	Z	.531	7
138	M33	Mx	-.000153	7
139	M33	X	-.306	7
140	M33	Z	.531	7
141	M33	Mx	.000153	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3B	X	-1.815	.38
2	MP3B	Z	1.048	.38
3	MP3B	Mx	-.000908	.38
4	MP3B	X	-1.815	1.63
5	MP3B	Z	1.048	1.63
6	MP3B	Mx	-.000908	1.63
7	MP3C	X	-3.571	.38
8	MP3C	Z	2.062	.38
9	MP3C	Mx	0	.38
10	MP3C	X	-3.571	1.63
11	MP3C	Z	2.062	1.63
12	MP3C	Mx	0	1.63
13	MP4A	X	-1.3	.38
14	MP4A	Z	.751	.38
15	MP4A	Mx	.000739	.38
16	MP4A	X	-1.3	1.63
17	MP4A	Z	.751	1.63
18	MP4A	Mx	.000739	1.63
19	MP2B	X	-6.163	1
20	MP2B	Z	3.558	1
21	MP2B	Mx	-.000709	1
22	MP2B	X	-6.163	4
23	MP2B	Z	3.558	4
24	MP2B	Mx	-.000709	4
25	MP2C	X	-8.299	1
26	MP2C	Z	4.792	1
27	MP2C	Mx	-.006	1
28	MP2C	X	-8.299	4
29	MP2C	Z	4.792	4
30	MP2C	Mx	-.006	4
31	MP2B	X	-6.163	1
32	MP2B	Z	3.558	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
33	MP2B	Mx	-.005	1
34	MP2B	X	-6.163	4
35	MP2B	Z	3.558	4
36	MP2B	Mx	-.005	4
37	MP2C	X	-8.299	1
38	MP2C	Z	4.792	1
39	MP2C	Mx	.006	1
40	MP2C	X	-8.299	4
41	MP2C	Z	4.792	4
42	MP2C	Mx	.006	4
43	MP3A	X	-5.537	1
44	MP3A	Z	3.197	1
45	MP3A	Mx	.004	1
46	MP3A	X	-5.537	4
47	MP3A	Z	3.197	4
48	MP3A	Mx	.004	4
49	MP3A	X	-5.537	1
50	MP3A	Z	3.197	1
51	MP3A	Mx	.002	1
52	MP3A	X	-5.537	4
53	MP3A	Z	3.197	4
54	MP3A	Mx	.002	4
55	MP1A	X	-5.15	1
56	MP1A	Z	2.973	1
57	MP1A	Mx	.003	1
58	MP1A	X	-5.15	4
59	MP1A	Z	2.973	4
60	MP1A	Mx	.003	4
61	MP1B	X	-5.15	1
62	MP1B	Z	2.973	1
63	MP1B	Mx	-.003	1
64	MP1B	X	-5.15	4
65	MP1B	Z	2.973	4
66	MP1B	Mx	-.003	4
67	MP1C	X	-4.564	1
68	MP1C	Z	2.635	1
69	MP1C	Mx	0	1
70	MP1C	X	-4.564	4
71	MP1C	Z	2.635	4
72	MP1C	Mx	0	4
73	MP4B	X	-5.15	1
74	MP4B	Z	2.973	1
75	MP4B	Mx	-.003	1
76	MP4B	X	-5.15	4
77	MP4B	Z	2.973	4
78	MP4B	Mx	-.003	4
79	MP4C	X	-4.564	1
80	MP4C	Z	2.635	1
81	MP4C	Mx	0	1
82	MP4C	X	-4.564	4
83	MP4C	Z	2.635	4
84	MP4C	Mx	0	4
85	MP5A	X	-5.15	1
86	MP5A	Z	2.973	1
87	MP5A	Mx	.003	1
88	MP5A	X	-5.15	4
89	MP5A	Z	2.973	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
90	MP5A	Mx	.003	4
91	MP3B	X	-.644	4.25
92	MP3B	Z	.372	4.25
93	MP3B	Mx	-.000322	4.25
94	MP3C	X	-1.622	4.25
95	MP3C	Z	.936	4.25
96	MP3C	Mx	0	4.25
97	MP4A	X	-.357	4.25
98	MP4A	Z	.206	4.25
99	MP4A	Mx	.000167	4.25
100	MP2B	X	-2.127	2.5
101	MP2B	Z	1.228	2.5
102	MP2B	Mx	-.002	2.5
103	MP2C	X	-2.824	2.5
104	MP2C	Z	1.631	2.5
105	MP2C	Mx	.002	2.5
106	MP3A	X	-2.127	2.5
107	MP3A	Z	1.228	2.5
108	MP3A	Mx	.001	2.5
109	MP3B	X	-1.868	2.5
110	MP3B	Z	1.078	2.5
111	MP3B	Mx	-.000934	2.5
112	MP3C	X	-2.824	2.5
113	MP3C	Z	1.631	2.5
114	MP3C	Mx	0	2.5
115	MP4A	X	-1.868	2.5
116	MP4A	Z	1.078	2.5
117	MP4A	Mx	.000395	2.5
118	MP2B	X	-.518	.5
119	MP2B	Z	.299	.5
120	MP2B	Mx	-.000259	.5
121	MP2C	X	-.674	.5
122	MP2C	Z	.389	.5
123	MP2C	Mx	0	.5
124	MP3A	X	-.518	.5
125	MP3A	Z	.299	.5
126	MP3A	Mx	.000259	.5
127	MP2A	X	-4.737	.5
128	MP2A	Z	2.735	.5
129	MP2A	Mx	.002	.5
130	M16	X	-.567	7
131	M16	Z	.328	7
132	M16	Mx	.000161	7
133	M16	X	-.567	7
134	M16	Z	.328	7
135	M16	Mx	-.000161	7
136	M33	X	-.835	7
137	M33	Z	.482	7
138	M33	Mx	-.000209	7
139	M33	X	-.835	7
140	M33	Z	.482	7
141	M33	Mx	.000209	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3B	X	-3.448	.38

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
2	MP3B	Z	0	.38
3	MP3B	Mx	-.000862	.38
4	MP3B	X	-3.448	1.63
5	MP3B	Z	0	1.63
6	MP3B	Mx	-.000862	1.63
7	MP3C	X	-3.448	.38
8	MP3C	Z	0	.38
9	MP3C	Mx	-.000862	.38
10	MP3C	X	-3.448	1.63
11	MP3C	Z	0	1.63
12	MP3C	Mx	-.000862	1.63
13	MP4A	X	-1.736	.38
14	MP4A	Z	0	.38
15	MP4A	Mx	.000816	.38
16	MP4A	X	-1.736	1.63
17	MP4A	Z	0	1.63
18	MP4A	Mx	.000816	1.63
19	MP2B	X	-8.761	1
20	MP2B	Z	0	1
21	MP2B	Mx	.003	1
22	MP2B	X	-8.761	4
23	MP2B	Z	0	4
24	MP2B	Mx	.003	4
25	MP2C	X	-8.761	1
26	MP2C	Z	0	1
27	MP2C	Mx	-.007	1
28	MP2C	X	-8.761	4
29	MP2C	Z	0	4
30	MP2C	Mx	-.007	4
31	MP2B	X	-8.761	1
32	MP2B	Z	0	1
33	MP2B	Mx	-.007	1
34	MP2B	X	-8.761	4
35	MP2B	Z	0	4
36	MP2B	Mx	-.007	4
37	MP2C	X	-8.761	1
38	MP2C	Z	0	1
39	MP2C	Mx	.003	1
40	MP2C	X	-8.761	4
41	MP2C	Z	0	4
42	MP2C	Mx	.003	4
43	MP3A	X	-6.679	1
44	MP3A	Z	0	1
45	MP3A	Mx	.002	1
46	MP3A	X	-6.679	4
47	MP3A	Z	0	4
48	MP3A	Mx	.002	4
49	MP3A	X	-6.679	1
50	MP3A	Z	0	1
51	MP3A	Mx	.005	1
52	MP3A	X	-6.679	4
53	MP3A	Z	0	4
54	MP3A	Mx	.005	4
55	MP1A	X	-6.171	1
56	MP1A	Z	0	1
57	MP1A	Mx	.003	1
58	MP1A	X	-6.171	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
59	MP1A	Z	0	4
60	MP1A	Mx	.003	4
61	MP1B	X	-5.496	1
62	MP1B	Z	0	1
63	MP1B	Mx	-.001	1
64	MP1B	X	-5.496	4
65	MP1B	Z	0	4
66	MP1B	Mx	-.001	4
67	MP1C	X	-5.496	1
68	MP1C	Z	0	1
69	MP1C	Mx	-.001	1
70	MP1C	X	-5.496	4
71	MP1C	Z	0	4
72	MP1C	Mx	-.001	4
73	MP4B	X	-5.496	1
74	MP4B	Z	0	1
75	MP4B	Mx	-.001	1
76	MP4B	X	-5.496	4
77	MP4B	Z	0	4
78	MP4B	Mx	-.001	4
79	MP4C	X	-5.496	1
80	MP4C	Z	0	1
81	MP4C	Mx	-.001	1
82	MP4C	X	-5.496	4
83	MP4C	Z	0	4
84	MP4C	Mx	-.001	4
85	MP5A	X	-6.171	1
86	MP5A	Z	0	1
87	MP5A	Mx	.003	1
88	MP5A	X	-6.171	4
89	MP5A	Z	0	4
90	MP5A	Mx	.003	4
91	MP3B	X	-1.496	4.25
92	MP3B	Z	0	4.25
93	MP3B	Mx	-.000374	4.25
94	MP3C	X	-1.496	4.25
95	MP3C	Z	0	4.25
96	MP3C	Mx	-.000374	4.25
97	MP4A	X	-.543	4.25
98	MP4A	Z	0	4.25
99	MP4A	Mx	.000348	4.25
100	MP2B	X	-2.993	2.5
101	MP2B	Z	0	2.5
102	MP2B	Mx	-.002	2.5
103	MP2C	X	-2.993	2.5
104	MP2C	Z	0	2.5
105	MP2C	Mx	.000548	2.5
106	MP3A	X	-2.188	2.5
107	MP3A	Z	0	2.5
108	MP3A	Mx	.001	2.5
109	MP3B	X	-2.893	2.5
110	MP3B	Z	0	2.5
111	MP3B	Mx	-.000723	2.5
112	MP3C	X	-2.893	2.5
113	MP3C	Z	0	2.5
114	MP3C	Mx	-.000723	2.5
115	MP4A	X	-1.788	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
116	MP4A	Z	0	2.5
117	MP4A	Mx	.000894	2.5
118	MP2B	X	-.718	.5
119	MP2B	Z	0	.5
120	MP2B	Mx	-.00018	.5
121	MP2C	X	-.718	.5
122	MP2C	Z	0	.5
123	MP2C	Mx	-.00018	.5
124	MP3A	X	-.539	.5
125	MP3A	Z	0	.5
126	MP3A	Mx	.00027	.5
127	MP2A	X	-5.07	.5
128	MP2A	Z	0	.5
129	MP2A	Mx	.003	.5
130	M16	X	-.777	7
131	M16	Z	0	7
132	M16	Mx	.000183	7
133	M16	X	-.777	7
134	M16	Z	0	7
135	M16	Mx	-.000183	7
136	M33	X	-1.668	7
137	M33	Z	0	7
138	M33	Mx	-.000208	7
139	M33	X	-1.668	7
140	M33	Z	0	7
141	M33	Mx	.000208	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3B	X	-3.571	.38
2	MP3B	Z	-2.062	.38
3	MP3B	Mx	0	.38
4	MP3B	X	-3.571	1.63
5	MP3B	Z	-2.062	1.63
6	MP3B	Mx	0	1.63
7	MP3C	X	-1.815	.38
8	MP3C	Z	-1.048	.38
9	MP3C	Mx	-.000908	.38
10	MP3C	X	-1.815	1.63
11	MP3C	Z	-1.048	1.63
12	MP3C	Mx	-.000908	1.63
13	MP4A	X	-2.604	.38
14	MP4A	Z	-1.503	.38
15	MP4A	Mx	.000966	.38
16	MP4A	X	-2.604	1.63
17	MP4A	Z	-1.503	1.63
18	MP4A	Mx	.000966	1.63
19	MP2B	X	-8.299	1
20	MP2B	Z	-4.792	1
21	MP2B	Mx	.006	1
22	MP2B	X	-8.299	4
23	MP2B	Z	-4.792	4
24	MP2B	Mx	.006	4
25	MP2C	X	-6.163	1
26	MP2C	Z	-3.558	1
27	MP2C	Mx	-.005	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
28	MP2C	X	-6.163	4
29	MP2C	Z	-3.558	4
30	MP2C	Mx	-.005	4
31	MP2B	X	-8.299	1
32	MP2B	Z	-4.792	1
33	MP2B	Mx	-.006	1
34	MP2B	X	-8.299	4
35	MP2B	Z	-4.792	4
36	MP2B	Mx	-.006	4
37	MP2C	X	-6.163	1
38	MP2C	Z	-3.558	1
39	MP2C	Mx	-.000709	1
40	MP2C	X	-6.163	4
41	MP2C	Z	-3.558	4
42	MP2C	Mx	-.000709	4
43	MP3A	X	-7.123	1
44	MP3A	Z	-4.112	1
45	MP3A	Mx	-.002	1
46	MP3A	X	-7.123	4
47	MP3A	Z	-4.112	4
48	MP3A	Mx	-.002	4
49	MP3A	X	-7.123	1
50	MP3A	Z	-4.112	1
51	MP3A	Mx	.007	1
52	MP3A	X	-7.123	4
53	MP3A	Z	-4.112	4
54	MP3A	Mx	.007	4
55	MP1A	X	-5.15	1
56	MP1A	Z	-2.973	1
57	MP1A	Mx	.003	1
58	MP1A	X	-5.15	4
59	MP1A	Z	-2.973	4
60	MP1A	Mx	.003	4
61	MP1B	X	-4.564	1
62	MP1B	Z	-2.635	1
63	MP1B	Mx	0	1
64	MP1B	X	-4.564	4
65	MP1B	Z	-2.635	4
66	MP1B	Mx	0	4
67	MP1C	X	-5.15	1
68	MP1C	Z	-2.973	1
69	MP1C	Mx	-.003	1
70	MP1C	X	-5.15	4
71	MP1C	Z	-2.973	4
72	MP1C	Mx	-.003	4
73	MP4B	X	-4.564	1
74	MP4B	Z	-2.635	1
75	MP4B	Mx	0	1
76	MP4B	X	-4.564	4
77	MP4B	Z	-2.635	4
78	MP4B	Mx	0	4
79	MP4C	X	-5.15	1
80	MP4C	Z	-2.973	1
81	MP4C	Mx	-.003	1
82	MP4C	X	-5.15	4
83	MP4C	Z	-2.973	4
84	MP4C	Mx	-.003	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
85	MP5A	X	-5.15	1
86	MP5A	Z	-2.973	1
87	MP5A	Mx	.003	1
88	MP5A	X	-5.15	4
89	MP5A	Z	-2.973	4
90	MP5A	Mx	.003	4
91	MP3B	X	-1.622	4.25
92	MP3B	Z	-.936	4.25
93	MP3B	Mx	0	4.25
94	MP3C	X	-.644	4.25
95	MP3C	Z	-.372	4.25
96	MP3C	Mx	-.000322	4.25
97	MP4A	X	-1.083	4.25
98	MP4A	Z	-.625	4.25
99	MP4A	Mx	.000881	4.25
100	MP2B	X	-2.824	2.5
101	MP2B	Z	-1.631	2.5
102	MP2B	Mx	-.002	2.5
103	MP2C	X	-2.127	2.5
104	MP2C	Z	-1.228	2.5
105	MP2C	Mx	-.000449	2.5
106	MP3A	X	-2.127	2.5
107	MP3A	Z	-1.228	2.5
108	MP3A	Mx	.001	2.5
109	MP3B	X	-2.824	2.5
110	MP3B	Z	-1.631	2.5
111	MP3B	Mx	0	2.5
112	MP3C	X	-1.868	2.5
113	MP3C	Z	-1.078	2.5
114	MP3C	Mx	-.000934	2.5
115	MP4A	X	-1.868	2.5
116	MP4A	Z	-1.078	2.5
117	MP4A	Mx	.001	2.5
118	MP2B	X	-.674	.5
119	MP2B	Z	-.389	.5
120	MP2B	Mx	0	.5
121	MP2C	X	-.518	.5
122	MP2C	Z	-.299	.5
123	MP2C	Mx	-.000259	.5
124	MP3A	X	-.518	.5
125	MP3A	Z	-.299	.5
126	MP3A	Mx	.000259	.5
127	MP2A	X	-4.737	.5
128	MP2A	Z	-2.735	.5
129	MP2A	Mx	.002	.5
130	M16	X	-1.246	7
131	M16	Z	-.719	7
132	M16	Mx	.000231	7
133	M16	X	-1.246	7
134	M16	Z	-.719	7
135	M16	Mx	-.000231	7
136	M33	X	-1.749	7
137	M33	Z	-1.01	7
138	M33	Mx	0	7
139	M33	X	-1.749	7
140	M33	Z	-1.01	7
141	M33	Mx	0	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3B	X	-1.724	.38
2	MP3B	Z	-2.986	.38
3	MP3B	Mx	.000862	.38
4	MP3B	X	-1.724	1.63
5	MP3B	Z	-2.986	1.63
6	MP3B	Mx	.000862	1.63
7	MP3C	X	-.71	.38
8	MP3C	Z	-1.23	.38
9	MP3C	Mx	-.00071	.38
10	MP3C	X	-.71	1.63
11	MP3C	Z	-1.23	1.63
12	MP3C	Mx	-.00071	1.63
13	MP4A	X	-2.021	.38
14	MP4A	Z	-3.501	.38
15	MP4A	Mx	.000351	.38
16	MP4A	X	-2.021	1.63
17	MP4A	Z	-3.501	1.63
18	MP4A	Mx	.000351	1.63
19	MP2B	X	-4.381	1
20	MP2B	Z	-7.587	1
21	MP2B	Mx	.007	1
22	MP2B	X	-4.381	4
23	MP2B	Z	-7.587	4
24	MP2B	Mx	.007	4
25	MP2C	X	-3.147	1
26	MP2C	Z	-5.451	1
27	MP2C	Mx	-.003	1
28	MP2C	X	-3.147	4
29	MP2C	Z	-5.451	4
30	MP2C	Mx	-.003	4
31	MP2B	X	-4.381	1
32	MP2B	Z	-7.587	1
33	MP2B	Mx	-.003	1
34	MP2B	X	-4.381	4
35	MP2B	Z	-7.587	4
36	MP2B	Mx	-.003	4
37	MP2C	X	-3.147	1
38	MP2C	Z	-5.451	1
39	MP2C	Mx	-.003	1
40	MP2C	X	-3.147	4
41	MP2C	Z	-5.451	4
42	MP2C	Mx	-.003	4
43	MP3A	X	-4.742	1
44	MP3A	Z	-8.214	1
45	MP3A	Mx	-.005	1
46	MP3A	X	-4.742	4
47	MP3A	Z	-8.214	4
48	MP3A	Mx	-.005	4
49	MP3A	X	-4.742	1
50	MP3A	Z	-8.214	1
51	MP3A	Mx	.007	1
52	MP3A	X	-4.742	4
53	MP3A	Z	-8.214	4
54	MP3A	Mx	.007	4
55	MP1A	X	-2.748	1
56	MP1A	Z	-4.759	1
57	MP1A	Mx	.001	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP1A	X	-2.748	4
59	MP1A	Z	-4.759	4
60	MP1A	Mx	.001	4
61	MP1B	X	-2.748	1
62	MP1B	Z	-4.759	1
63	MP1B	Mx	.001	1
64	MP1B	X	-2.748	4
65	MP1B	Z	-4.759	4
66	MP1B	Mx	.001	4
67	MP1C	X	-3.086	1
68	MP1C	Z	-5.345	1
69	MP1C	Mx	-.003	1
70	MP1C	X	-3.086	4
71	MP1C	Z	-5.345	4
72	MP1C	Mx	-.003	4
73	MP4B	X	-2.748	1
74	MP4B	Z	-4.759	1
75	MP4B	Mx	.001	1
76	MP4B	X	-2.748	4
77	MP4B	Z	-4.759	4
78	MP4B	Mx	.001	4
79	MP4C	X	-3.086	1
80	MP4C	Z	-5.345	1
81	MP4C	Mx	-.003	1
82	MP4C	X	-3.086	4
83	MP4C	Z	-5.345	4
84	MP4C	Mx	-.003	4
85	MP5A	X	-2.748	1
86	MP5A	Z	-4.759	1
87	MP5A	Mx	.001	1
88	MP5A	X	-2.748	4
89	MP5A	Z	-4.759	4
90	MP5A	Mx	.001	4
91	MP3B	X	-.748	4.25
92	MP3B	Z	-1.296	4.25
93	MP3B	Mx	.000374	4.25
94	MP3C	X	-.184	4.25
95	MP3C	Z	-.318	4.25
96	MP3C	Mx	-.000184	4.25
97	MP4A	X	-.914	4.25
98	MP4A	Z	-1.582	4.25
99	MP4A	Mx	.001	4.25
100	MP2B	X	-1.496	2.5
101	MP2B	Z	-2.592	2.5
102	MP2B	Mx	-.000547	2.5
103	MP2C	X	-1.094	2.5
104	MP2C	Z	-1.895	2.5
105	MP2C	Mx	-.001	2.5
106	MP3A	X	-1.496	2.5
107	MP3A	Z	-2.592	2.5
108	MP3A	Mx	.000748	2.5
109	MP3B	X	-1.446	2.5
110	MP3B	Z	-2.505	2.5
111	MP3B	Mx	.000723	2.5
112	MP3C	X	-.894	2.5
113	MP3C	Z	-1.549	2.5
114	MP3C	Mx	-.000894	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
115	MP4A	X	-1.446	2.5
116	MP4A	Z	-2.505	2.5
117	MP4A	Mx	.002	2.5
118	MP2B	X	-.359	.5
119	MP2B	Z	-.622	.5
120	MP2B	Mx	.00018	.5
121	MP2C	X	-.269	.5
122	MP2C	Z	-.466	.5
123	MP2C	Mx	-.000269	.5
124	MP3A	X	-.359	.5
125	MP3A	Z	-.622	.5
126	MP3A	Mx	.00018	.5
127	MP2A	X	-3.135	.5
128	MP2A	Z	-5.43	.5
129	MP2A	Mx	.002	.5
130	M16	X	-.989	7
131	M16	Z	-1.712	7
132	M16	Mx	8.6e-5	7
133	M16	X	-.989	7
134	M16	Z	-1.712	7
135	M16	Mx	-8.6e-5	7
136	M33	X	-.834	7
137	M33	Z	-1.445	7
138	M33	Mx	.000209	7
139	M33	X	-.834	7
140	M33	Z	-1.445	7
141	M33	Mx	-.000209	7

Member Point Loads (BLC 77 : Lm1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M12	Y	-500	%70

Member Point Loads (BLC 78 : Lm2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M13	Y	-500	%26

Member Point Loads (BLC 79 : Lv1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M12	Y	-250	0

Member Point Loads (BLC 80 : Lv2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M12	Y	-250	%100

Member Point Loads (BLC 81 : Antenna Ev)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3B	Y	-1.942	.38
2	MP3B	My	.000485	.38
3	MP3B	Mz	-.000841	.38
4	MP3B	Y	-1.942	1.63
5	MP3B	My	.000485	1.63
6	MP3B	Mz	-.000841	1.63
7	MP3C	Y	-1.942	.38
8	MP3C	My	.000485	.38

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
9	MP3C	Mz	.000841	.38
10	MP3C	Y	-1.942	1.63
11	MP3C	My	.000485	1.63
12	MP3C	Mz	.000841	1.63
13	MP4A	Y	-1.942	.38
14	MP4A	My	-.000912	.38
15	MP4A	Mz	.000332	.38
16	MP4A	Y	-1.942	1.63
17	MP4A	My	-.000912	1.63
18	MP4A	Mz	.000332	1.63
19	MP2B	Y	-1.411	1
20	MP2B	My	-.000462	1
21	MP2B	Mz	-.001	1
22	MP2B	Y	-1.411	4
23	MP2B	My	-.000462	4
24	MP2B	Mz	-.001	4
25	MP2C	Y	-1.411	1
26	MP2C	My	.001	1
27	MP2C	Mz	.000141	1
28	MP2C	Y	-1.411	4
29	MP2C	My	.001	4
30	MP2C	Mz	.000141	4
31	MP2B	Y	-1.411	1
32	MP2B	My	.001	1
33	MP2B	Mz	-.000141	1
34	MP2B	Y	-1.411	4
35	MP2B	My	.001	4
36	MP2B	Mz	-.000141	4
37	MP2C	Y	-1.411	1
38	MP2C	My	-.000462	1
39	MP2C	Mz	.001	1
40	MP2C	Y	-1.411	4
41	MP2C	My	-.000462	4
42	MP2C	Mz	.001	4
43	MP3A	Y	-1.411	1
44	MP3A	My	-.000341	1
45	MP3A	Mz	.001	1
46	MP3A	Y	-1.411	4
47	MP3A	My	-.000341	4
48	MP3A	Mz	.001	4
49	MP3A	Y	-1.411	1
50	MP3A	My	-.000985	1
51	MP3A	Mz	-.000643	1
52	MP3A	Y	-1.411	4
53	MP3A	My	-.000985	4
54	MP3A	Mz	-.000643	4
55	MP1A	Y	-.357	1
56	MP1A	My	-.000178	1
57	MP1A	Mz	0	1
58	MP1A	Y	-.357	4
59	MP1A	My	-.000178	4
60	MP1A	Mz	0	4
61	MP1B	Y	-.357	1
62	MP1B	My	8.9e-5	1
63	MP1B	Mz	-.000154	1
64	MP1B	Y	-.357	4
65	MP1B	My	8.9e-5	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
66	MP1B	Mz	-.000154	4
67	MP1C	Y	-.357	1
68	MP1C	My	8.9e-5	1
69	MP1C	Mz	.000154	1
70	MP1C	Y	-.357	4
71	MP1C	My	8.9e-5	4
72	MP1C	Mz	.000154	4
73	MP4B	Y	-.357	1
74	MP4B	My	8.9e-5	1
75	MP4B	Mz	-.000154	1
76	MP4B	Y	-.357	4
77	MP4B	My	8.9e-5	4
78	MP4B	Mz	-.000154	4
79	MP4C	Y	-.357	1
80	MP4C	My	8.9e-5	1
81	MP4C	Mz	.000154	1
82	MP4C	Y	-.357	4
83	MP4C	My	8.9e-5	4
84	MP4C	Mz	.000154	4
85	MP5A	Y	-.357	1
86	MP5A	My	-.000178	1
87	MP5A	Mz	0	1
88	MP5A	Y	-.357	4
89	MP5A	My	-.000178	4
90	MP5A	Mz	0	4
91	MP3B	Y	-.196	4.25
92	MP3B	My	4.9e-5	4.25
93	MP3B	Mz	-8.5e-5	4.25
94	MP3C	Y	-.196	4.25
95	MP3C	My	4.9e-5	4.25
96	MP3C	Mz	8.5e-5	4.25
97	MP4A	Y	-.196	4.25
98	MP4A	My	-.000126	4.25
99	MP4A	Mz	-5.9e-5	4.25
100	MP2B	Y	-3.763	2.5
101	MP2B	My	.003	2.5
102	MP2B	Mz	-.000689	2.5
103	MP2C	Y	-3.763	2.5
104	MP2C	My	-.000689	2.5
105	MP2C	Mz	.003	2.5
106	MP3A	Y	-3.763	2.5
107	MP3A	My	-.002	2.5
108	MP3A	Mz	0	2.5
109	MP3B	Y	-3.134	2.5
110	MP3B	My	.000784	2.5
111	MP3B	Mz	-.001	2.5
112	MP3C	Y	-3.134	2.5
113	MP3C	My	.000784	2.5
114	MP3C	Mz	.001	2.5
115	MP4A	Y	-3.134	2.5
116	MP4A	My	-.002	2.5
117	MP4A	Mz	-.002	2.5
118	MP2B	Y	-.464	.5
119	MP2B	My	.000116	.5
120	MP2B	Mz	-.000201	.5
121	MP2C	Y	-.464	.5
122	MP2C	My	.000116	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
123	MP2C	Mz	.000201	.5
124	MP3A	Y	-.464	.5
125	MP3A	My	-.000232	.5
126	MP3A	Mz	0	.5
127	MP2A	Y	-1.427	.5
128	MP2A	My	-.000713	.5
129	MP2A	Mz	0	.5
130	M16	Y	-.785	7
131	M16	My	-.000184	7
132	M16	Mz	6.7e-5	7
133	M16	Y	-.785	7
134	M16	My	.000184	7
135	M16	Mz	-6.7e-5	7
136	M33	Y	-.785	7
137	M33	My	9.8e-5	7
138	M33	Mz	-.00017	7
139	M33	Y	-.785	7
140	M33	My	-9.8e-5	7
141	M33	Mz	.00017	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3B	Z	-4.854	.38
2	MP3B	Mx	.002	.38
3	MP3B	Z	-4.854	1.63
4	MP3B	Mx	.002	1.63
5	MP3C	Z	-4.854	.38
6	MP3C	Mx	-.002	.38
7	MP3C	Z	-4.854	1.63
8	MP3C	Mx	-.002	1.63
9	MP4A	Z	-4.854	.38
10	MP4A	Mx	-.00083	.38
11	MP4A	Z	-4.854	1.63
12	MP4A	Mx	-.00083	1.63
13	MP2B	Z	-3.528	1
14	MP2B	Mx	.003	1
15	MP2B	Z	-3.528	4
16	MP2B	Mx	.003	4
17	MP2C	Z	-3.528	1
18	MP2C	Mx	-.000352	1
19	MP2C	Z	-3.528	4
20	MP2C	Mx	-.000352	4
21	MP2B	Z	-3.528	1
22	MP2B	Mx	.000352	1
23	MP2B	Z	-3.528	4
24	MP2B	Mx	.000352	4
25	MP2C	Z	-3.528	1
26	MP2C	Mx	-.003	1
27	MP2C	Z	-3.528	4
28	MP2C	Mx	-.003	4
29	MP3A	Z	-3.528	1
30	MP3A	Mx	-.003	1
31	MP3A	Z	-3.528	4
32	MP3A	Mx	-.003	4
33	MP3A	Z	-3.528	1
34	MP3A	Mx	.002	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
35	MP3A	Z	-3.528	4
36	MP3A	Mx	.002	4
37	MP1A	Z	-.892	1
38	MP1A	Mx	0	1
39	MP1A	Z	-.892	4
40	MP1A	Mx	0	4
41	MP1B	Z	-.892	1
42	MP1B	Mx	.000386	1
43	MP1B	Z	-.892	4
44	MP1B	Mx	.000386	4
45	MP1C	Z	-.892	1
46	MP1C	Mx	-.000386	1
47	MP1C	Z	-.892	4
48	MP1C	Mx	-.000386	4
49	MP4B	Z	-.892	1
50	MP4B	Mx	.000386	1
51	MP4B	Z	-.892	4
52	MP4B	Mx	.000386	4
53	MP4C	Z	-.892	1
54	MP4C	Mx	-.000386	1
55	MP4C	Z	-.892	4
56	MP4C	Mx	-.000386	4
57	MP5A	Z	-.892	1
58	MP5A	Mx	0	1
59	MP5A	Z	-.892	4
60	MP5A	Mx	0	4
61	MP3B	Z	-.49	4.25
62	MP3B	Mx	.000212	4.25
63	MP3C	Z	-.49	4.25
64	MP3C	Mx	-.000212	4.25
65	MP4A	Z	-.49	4.25
66	MP4A	Mx	.000147	4.25
67	MP2B	Z	-9.408	2.5
68	MP2B	Mx	.002	2.5
69	MP2C	Z	-9.408	2.5
70	MP2C	Mx	-.006	2.5
71	MP3A	Z	-9.408	2.5
72	MP3A	Mx	0	2.5
73	MP3B	Z	-7.836	2.5
74	MP3B	Mx	.003	2.5
75	MP3C	Z	-7.836	2.5
76	MP3C	Mx	-.003	2.5
77	MP4A	Z	-7.836	2.5
78	MP4A	Mx	.004	2.5
79	MP2B	Z	-1.159	.5
80	MP2B	Mx	.000502	.5
81	MP2C	Z	-1.159	.5
82	MP2C	Mx	-.000502	.5
83	MP3A	Z	-1.159	.5
84	MP3A	Mx	0	.5
85	MP2A	Z	-3.567	.5
86	MP2A	Mx	0	.5
87	M16	Z	-1.962	7
88	M16	Mx	-.000168	7
89	M16	Z	-1.962	7
90	M16	Mx	.000168	7
91	M33	Z	-1.962	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
92	M33	Mx	.000425	7
93	M33	Z	-1.962	7
94	M33	Mx	-.000425	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3B	X	4.854	.38
2	MP3B	Mx	.001	.38
3	MP3B	X	4.854	1.63
4	MP3B	Mx	.001	1.63
5	MP3C	X	4.854	.38
6	MP3C	Mx	.001	.38
7	MP3C	X	4.854	1.63
8	MP3C	Mx	.001	1.63
9	MP4A	X	4.854	.38
10	MP4A	Mx	-.002	.38
11	MP4A	X	4.854	1.63
12	MP4A	Mx	-.002	1.63
13	MP2B	X	3.528	1
14	MP2B	Mx	-.001	1
15	MP2B	X	3.528	4
16	MP2B	Mx	-.001	4
17	MP2C	X	3.528	1
18	MP2C	Mx	.003	1
19	MP2C	X	3.528	4
20	MP2C	Mx	.003	4
21	MP2B	X	3.528	1
22	MP2B	Mx	.003	1
23	MP2B	X	3.528	4
24	MP2B	Mx	.003	4
25	MP2C	X	3.528	1
26	MP2C	Mx	-.001	1
27	MP2C	X	3.528	4
28	MP2C	Mx	-.001	4
29	MP3A	X	3.528	1
30	MP3A	Mx	-.000853	1
31	MP3A	X	3.528	4
32	MP3A	Mx	-.000853	4
33	MP3A	X	3.528	1
34	MP3A	Mx	-.002	1
35	MP3A	X	3.528	4
36	MP3A	Mx	-.002	4
37	MP1A	X	.892	1
38	MP1A	Mx	-.000446	1
39	MP1A	X	.892	4
40	MP1A	Mx	-.000446	4
41	MP1B	X	.892	1
42	MP1B	Mx	.000223	1
43	MP1B	X	.892	4
44	MP1B	Mx	.000223	4
45	MP1C	X	.892	1
46	MP1C	Mx	.000223	1
47	MP1C	X	.892	4
48	MP1C	Mx	.000223	4
49	MP4B	X	.892	1
50	MP4B	Mx	.000223	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
51	MP4B	X	.892	4
52	MP4B	Mx	.000223	4
53	MP4C	X	.892	1
54	MP4C	Mx	.000223	1
55	MP4C	X	.892	4
56	MP4C	Mx	.000223	4
57	MP5A	X	.892	1
58	MP5A	Mx	-.000446	1
59	MP5A	X	.892	4
60	MP5A	Mx	-.000446	4
61	MP3B	X	.49	4.25
62	MP3B	Mx	.000123	4.25
63	MP3C	X	.49	4.25
64	MP3C	Mx	.000123	4.25
65	MP4A	X	.49	4.25
66	MP4A	Mx	-.000314	4.25
67	MP2B	X	9.408	2.5
68	MP2B	Mx	.006	2.5
69	MP2C	X	9.408	2.5
70	MP2C	Mx	-.002	2.5
71	MP3A	X	9.408	2.5
72	MP3A	Mx	-.005	2.5
73	MP3B	X	7.836	2.5
74	MP3B	Mx	.002	2.5
75	MP3C	X	7.836	2.5
76	MP3C	Mx	.002	2.5
77	MP4A	X	7.836	2.5
78	MP4A	Mx	-.004	2.5
79	MP2B	X	1.159	.5
80	MP2B	Mx	.00029	.5
81	MP2C	X	1.159	.5
82	MP2C	Mx	.00029	.5
83	MP3A	X	1.159	.5
84	MP3A	Mx	-.00058	.5
85	MP2A	X	3.567	.5
86	MP2A	Mx	-.002	.5
87	M16	X	1.962	7
88	M16	Mx	-.000461	7
89	M16	X	1.962	7
90	M16	Mx	.000461	7
91	M33	X	1.962	7
92	M33	Mx	.000245	7
93	M33	X	1.962	7
94	M33	Mx	-.000245	7

Member Distributed Loads (BLC 40 : Structure Di)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M12	Y	-9.098	-9.098	0	%100
2	M13	Y	-9.098	-9.098	0	%100
3	M7	Y	-9.098	-9.098	0	%100
4	M8	Y	-9.098	-9.098	0	%100
5	M9	Y	-9.098	-9.098	0	%100
6	M9A	Y	-9.098	-9.098	0	%100
7	M10A	Y	-9.098	-9.098	0	%100
8	M11A	Y	-9.098	-9.098	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
9	M12B	Y	-9.098	-9.098	0	%100
10	M23	Y	-10.1	-10.1	0	%100
11	M16	Y	-4.977	-4.977	0	%100
12	MP2A	Y	-4.977	-4.977	0	%100
13	MP3A	Y	-5.682	-5.682	0	%100
14	MP4A	Y	-4.977	-4.977	0	%100
15	M26	Y	-4.977	-4.977	0	%100
16	MP2C	Y	-5.682	-5.682	0	%100
17	MP3C	Y	-4.977	-4.977	0	%100
18	M33	Y	-4.977	-4.977	0	%100
19	MP2B	Y	-5.682	-5.682	0	%100
20	MP3B	Y	-4.977	-4.977	0	%100
21	M40	Y	-10.562	-10.562	0	%100
22	M42A	Y	-5.616	-5.616	0	%100
23	M43A	Y	-10.1	-10.1	0	%100
24	M44	Y	-10.562	-10.562	0	%100
25	M48	Y	-5.616	-5.616	0	%100
26	MP1C	Y	-4.977	-4.977	0	%100
27	MP4B	Y	-4.977	-4.977	0	%100
28	M55	Y	-10.1	-10.1	0	%100
29	M56	Y	-10.562	-10.562	0	%100
30	M60	Y	-5.616	-5.616	0	%100
31	M61	Y	-10.1	-10.1	0	%100
32	M62	Y	-10.562	-10.562	0	%100
33	M66	Y	-5.616	-5.616	0	%100
34	MP1B	Y	-4.977	-4.977	0	%100
35	MP5A	Y	-4.977	-4.977	0	%100
36	M73	Y	-10.1	-10.1	0	%100
37	M74	Y	-10.562	-10.562	0	%100
38	M78	Y	-5.616	-5.616	0	%100
39	M79	Y	-10.1	-10.1	0	%100
40	M80	Y	-10.562	-10.562	0	%100
41	M84	Y	-5.616	-5.616	0	%100
42	MP1A	Y	-4.977	-4.977	0	%100
43	MP4C	Y	-4.977	-4.977	0	%100
44	M97A	Y	-6.613	-6.613	0	%100
45	M98A	Y	-6.613	-6.613	0	%100
46	M99	Y	-6.613	-6.613	0	%100
47	M97B	Y	-9.098	-9.098	0	%100
48	M98B	Y	-9.098	-9.098	0	%100
49	M101	Y	-5.616	-5.616	0	%100
50	M102	Y	-5.616	-5.616	0	%100
51	M103	Y	-2.333	-2.333	0	%100
52	M104	Y	-2.333	-2.333	0	%100
53	M105	Y	-2.333	-2.333	0	%100
54	M106	Y	-2.333	-2.333	0	%100
55	M107	Y	-2.333	-2.333	0	%100
56	M108	Y	-2.333	-2.333	0	%100
57	M109	Y	-9.098	-9.098	0	%100
58	M110	Y	-9.098	-9.098	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M12	X	0	0	0	%100
2	M12	Z	-22.348	-22.348	0	%100
3	M13	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
4	M13	Z	-22.348	-22.348	0	%100
5	M7	X	0	0	0	%100
6	M7	Z	-22.017	-22.017	0	%100
7	M8	X	0	0	0	%100
8	M8	Z	-5.504	-5.504	0	%100
9	M9	X	0	0	0	%100
10	M9	Z	-5.504	-5.504	0	%100
11	M9A	X	0	0	0	%100
12	M9A	Z	-5.563	-5.563	0	%100
13	M10A	X	0	0	0	%100
14	M10A	Z	-5.587	-5.587	0	%100
15	M11A	X	0	0	0	%100
16	M11A	Z	-5.614	-5.614	0	%100
17	M12B	X	0	0	0	%100
18	M12B	Z	-5.563	-5.563	0	%100
19	M23	X	0	0	0	%100
20	M23	Z	-1.052	-1.052	0	%100
21	M16	X	0	0	0	%100
22	M16	Z	-7.995	-7.995	0	%100
23	MP2A	X	0	0	0	%100
24	MP2A	Z	-7.995	-7.995	0	%100
25	MP3A	X	0	0	0	%100
26	MP3A	Z	-9.678	-9.678	0	%100
27	MP4A	X	0	0	0	%100
28	MP4A	Z	-7.995	-7.995	0	%100
29	M26	X	0	0	0	%100
30	M26	Z	-1.999	-1.999	0	%100
31	MP2C	X	0	0	0	%100
32	MP2C	Z	-9.678	-9.678	0	%100
33	MP3C	X	0	0	0	%100
34	MP3C	Z	-7.995	-7.995	0	%100
35	M33	X	0	0	0	%100
36	M33	Z	-1.999	-1.999	0	%100
37	MP2B	X	0	0	0	%100
38	MP2B	Z	-9.678	-9.678	0	%100
39	MP3B	X	0	0	0	%100
40	MP3B	Z	-7.995	-7.995	0	%100
41	M40	X	0	0	0	%100
42	M40	Z	0	0	0	%100
43	M42A	X	0	0	0	%100
44	M42A	Z	-5.034	-5.034	0	%100
45	M43A	X	0	0	0	%100
46	M43A	Z	-1.052	-1.052	0	%100
47	M44	X	0	0	0	%100
48	M44	Z	0	0	0	%100
49	M48	X	0	0	0	%100
50	M48	Z	-5.034	-5.034	0	%100
51	MP1C	X	0	0	0	%100
52	MP1C	Z	-7.995	-7.995	0	%100
53	MP4B	X	0	0	0	%100
54	MP4B	Z	-7.995	-7.995	0	%100
55	M55	X	0	0	0	%100
56	M55	Z	-.263	-.263	0	%100
57	M56	X	0	0	0	%100
58	M56	Z	-5.444	-5.444	0	%100
59	M60	X	0	0	0	%100
60	M60	Z	-1.258	-1.258	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
61	M61	X	0	0	0	%100
62	M61	Z	-.263	-.263	0	%100
63	M62	X	0	0	0	%100
64	M62	Z	-5.444	-5.444	0	%100
65	M66	X	0	0	0	%100
66	M66	Z	-1.258	-1.258	0	%100
67	MP1B	X	0	0	0	%100
68	MP1B	Z	-7.995	-7.995	0	%100
69	MP5A	X	0	0	0	%100
70	MP5A	Z	-7.995	-7.995	0	%100
71	M73	X	0	0	0	%100
72	M73	Z	-.263	-.263	0	%100
73	M74	X	0	0	0	%100
74	M74	Z	-5.444	-5.444	0	%100
75	M78	X	0	0	0	%100
76	M78	Z	-1.258	-1.258	0	%100
77	M79	X	0	0	0	%100
78	M79	Z	-.263	-.263	0	%100
79	M80	X	0	0	0	%100
80	M80	Z	-5.444	-5.444	0	%100
81	M84	X	0	0	0	%100
82	M84	Z	-1.258	-1.258	0	%100
83	MP1A	X	0	0	0	%100
84	MP1A	Z	-7.995	-7.995	0	%100
85	MP4C	X	0	0	0	%100
86	MP4C	Z	-7.995	-7.995	0	%100
87	M97A	X	0	0	0	%100
88	M97A	Z	-2.299	-2.299	0	%100
89	M98A	X	0	0	0	%100
90	M98A	Z	-2.299	-2.299	0	%100
91	M99	X	0	0	0	%100
92	M99	Z	-9.195	-9.195	0	%100
93	M97B	X	0	0	0	%100
94	M97B	Z	-19.827	-19.827	0	%100
95	M98B	X	0	0	0	%100
96	M98B	Z	-13.348	-13.348	0	%100
97	M101	X	0	0	0	%100
98	M101	Z	-11.221	-11.221	0	%100
99	M102	X	0	0	0	%100
100	M102	Z	-11.221	-11.221	0	%100
101	M103	X	0	0	0	%100
102	M103	Z	-1.262	-1.262	0	%100
103	M104	X	0	0	0	%100
104	M104	Z	-1.262	-1.262	0	%100
105	M105	X	0	0	0	%100
106	M105	Z	-1.262	-1.262	0	%100
107	M106	X	0	0	0	%100
108	M106	Z	-1.262	-1.262	0	%100
109	M107	X	0	0	0	%100
110	M107	Z	-1.262	-1.262	0	%100
111	M108	X	0	0	0	%100
112	M108	Z	-1.262	-1.262	0	%100
113	M109	X	0	0	0	%100
114	M109	Z	-4.957	-4.957	0	%100
115	M110	X	0	0	0	%100
116	M110	Z	-4.957	-4.957	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M12	X	8.381	8.381	0	%100
2	M12	Z	-14.516	-14.516	0	%100
3	M13	X	8.381	8.381	0	%100
4	M13	Z	-14.516	-14.516	0	%100
5	M7	X	8.256	8.256	0	%100
6	M7	Z	-14.301	-14.301	0	%100
7	M8	X	8.256	8.256	0	%100
8	M8	Z	-14.301	-14.301	0	%100
9	M9	X	0	0	0	%100
10	M9	Z	0	0	0	%100
11	M9A	X	8.37	8.37	0	%100
12	M9A	Z	-14.496	-14.496	0	%100
13	M10A	X	8.381	8.381	0	%100
14	M10A	Z	-14.516	-14.516	0	%100
15	M11A	X	1.9e-5	1.9e-5	0	%100
16	M11A	Z	-3.4e-5	-3.4e-5	0	%100
17	M12B	X	1.9e-5	1.9e-5	0	%100
18	M12B	Z	-3.4e-5	-3.4e-5	0	%100
19	M23	X	.394	.394	0	%100
20	M23	Z	-.683	-.683	0	%100
21	M16	X	2.998	2.998	0	%100
22	M16	Z	-5.193	-5.193	0	%100
23	MP2A	X	3.997	3.997	0	%100
24	MP2A	Z	-6.924	-6.924	0	%100
25	MP3A	X	4.839	4.839	0	%100
26	MP3A	Z	-8.381	-8.381	0	%100
27	MP4A	X	3.997	3.997	0	%100
28	MP4A	Z	-6.924	-6.924	0	%100
29	M26	X	2.998	2.998	0	%100
30	M26	Z	-5.193	-5.193	0	%100
31	MP2C	X	4.839	4.839	0	%100
32	MP2C	Z	-8.381	-8.381	0	%100
33	MP3C	X	3.997	3.997	0	%100
34	MP3C	Z	-6.924	-6.924	0	%100
35	M33	X	0	0	0	%100
36	M33	Z	0	0	0	%100
37	MP2B	X	4.839	4.839	0	%100
38	MP2B	Z	-8.381	-8.381	0	%100
39	MP3B	X	3.997	3.997	0	%100
40	MP3B	Z	-6.924	-6.924	0	%100
41	M40	X	.907	.907	0	%100
42	M40	Z	-1.572	-1.572	0	%100
43	M42A	X	1.888	1.888	0	%100
44	M42A	Z	-3.27	-3.27	0	%100
45	M43A	X	.394	.394	0	%100
46	M43A	Z	-.683	-.683	0	%100
47	M44	X	.907	.907	0	%100
48	M44	Z	-1.572	-1.572	0	%100
49	M48	X	1.888	1.888	0	%100
50	M48	Z	-3.27	-3.27	0	%100
51	MP1C	X	3.997	3.997	0	%100
52	MP1C	Z	-6.924	-6.924	0	%100
53	MP4B	X	3.997	3.997	0	%100
54	MP4B	Z	-6.924	-6.924	0	%100
55	M55	X	.394	.394	0	%100
56	M55	Z	-.683	-.683	0	%100
57	M56	X	.907	.907	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	M56	Z	-1.572	-1.572	0	%100
59	M60	X	1.888	1.888	0	%100
60	M60	Z	-3.27	-3.27	0	%100
61	M61	X	.394	.394	0	%100
62	M61	Z	-.683	-.683	0	%100
63	M62	X	.907	.907	0	%100
64	M62	Z	-1.572	-1.572	0	%100
65	M66	X	1.888	1.888	0	%100
66	M66	Z	-3.27	-3.27	0	%100
67	MP1B	X	3.997	3.997	0	%100
68	MP1B	Z	-6.924	-6.924	0	%100
69	MP5A	X	3.997	3.997	0	%100
70	MP5A	Z	-6.924	-6.924	0	%100
71	M73	X	0	0	0	%100
72	M73	Z	0	0	0	%100
73	M74	X	3.63	3.63	0	%100
74	M74	Z	-6.287	-6.287	0	%100
75	M78	X	0	0	0	%100
76	M78	Z	0	0	0	%100
77	M79	X	0	0	0	%100
78	M79	Z	0	0	0	%100
79	M80	X	3.63	3.63	0	%100
80	M80	Z	-6.287	-6.287	0	%100
81	M84	X	0	0	0	%100
82	M84	Z	0	0	0	%100
83	MP1A	X	3.997	3.997	0	%100
84	MP1A	Z	-6.924	-6.924	0	%100
85	MP4C	X	3.997	3.997	0	%100
86	MP4C	Z	-6.924	-6.924	0	%100
87	M97A	X	3.448	3.448	0	%100
88	M97A	Z	-5.972	-5.972	0	%100
89	M98A	X	0	0	0	%100
90	M98A	Z	0	0	0	%100
91	M99	X	3.448	3.448	0	%100
92	M99	Z	-5.972	-5.972	0	%100
93	M97B	X	7.435	7.435	0	%100
94	M97B	Z	-12.878	-12.878	0	%100
95	M98B	X	2.225	2.225	0	%100
96	M98B	Z	-3.853	-3.853	0	%100
97	M101	X	5.61	5.61	0	%100
98	M101	Z	-9.718	-9.718	0	%100
99	M102	X	5.61	5.61	0	%100
100	M102	Z	-9.718	-9.718	0	%100
101	M103	X	.21	.21	0	%100
102	M103	Z	-.364	-.364	0	%100
103	M104	X	.21	.21	0	%100
104	M104	Z	-.364	-.364	0	%100
105	M105	X	.21	.21	0	%100
106	M105	Z	-.364	-.364	0	%100
107	M106	X	.21	.21	0	%100
108	M106	Z	-.364	-.364	0	%100
109	M107	X	.21	.21	0	%100
110	M107	Z	-.364	-.364	0	%100
111	M108	X	.21	.21	0	%100
112	M108	Z	-.364	-.364	0	%100
113	M109	X	7.435	7.435	0	%100
114	M109	Z	-12.878	-12.878	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
115	M110	X	0	0	0	%100
116	M110	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M12	X	4.839	4.839	0	%100
2	M12	Z	-2.794	-2.794	0	%100
3	M13	X	4.839	4.839	0	%100
4	M13	Z	-2.794	-2.794	0	%100
5	M7	X	4.767	4.767	0	%100
6	M7	Z	-2.752	-2.752	0	%100
7	M8	X	19.067	19.067	0	%100
8	M8	Z	-11.009	-11.009	0	%100
9	M9	X	4.767	4.767	0	%100
10	M9	Z	-2.752	-2.752	0	%100
11	M9A	X	19.358	19.358	0	%100
12	M9A	Z	-11.176	-11.176	0	%100
13	M10A	X	19.354	19.354	0	%100
14	M10A	Z	-11.174	-11.174	0	%100
15	M11A	X	4.817	4.817	0	%100
16	M11A	Z	-2.781	-2.781	0	%100
17	M12B	X	4.862	4.862	0	%100
18	M12B	Z	-2.807	-2.807	0	%100
19	M23	X	.228	.228	0	%100
20	M23	Z	-.131	-.131	0	%100
21	M16	X	1.731	1.731	0	%100
22	M16	Z	-.999	-.999	0	%100
23	MP2A	X	6.924	6.924	0	%100
24	MP2A	Z	-3.997	-3.997	0	%100
25	MP3A	X	8.381	8.381	0	%100
26	MP3A	Z	-4.839	-4.839	0	%100
27	MP4A	X	6.924	6.924	0	%100
28	MP4A	Z	-3.997	-3.997	0	%100
29	M26	X	6.924	6.924	0	%100
30	M26	Z	-3.997	-3.997	0	%100
31	MP2C	X	8.381	8.381	0	%100
32	MP2C	Z	-4.839	-4.839	0	%100
33	MP3C	X	6.924	6.924	0	%100
34	MP3C	Z	-3.997	-3.997	0	%100
35	M33	X	1.731	1.731	0	%100
36	M33	Z	-.999	-.999	0	%100
37	MP2B	X	8.381	8.381	0	%100
38	MP2B	Z	-4.839	-4.839	0	%100
39	MP3B	X	6.924	6.924	0	%100
40	MP3B	Z	-3.997	-3.997	0	%100
41	M40	X	4.715	4.715	0	%100
42	M40	Z	-2.722	-2.722	0	%100
43	M42A	X	1.09	1.09	0	%100
44	M42A	Z	-.629	-.629	0	%100
45	M43A	X	.228	.228	0	%100
46	M43A	Z	-.131	-.131	0	%100
47	M44	X	4.715	4.715	0	%100
48	M44	Z	-2.722	-2.722	0	%100
49	M48	X	1.09	1.09	0	%100
50	M48	Z	-.629	-.629	0	%100
51	MP1C	X	6.924	6.924	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
52	MP1C	Z	-3.997	-3.997	0	%100
53	MP4B	X	6.924	6.924	0	%100
54	MP4B	Z	-3.997	-3.997	0	%100
55	M55	X	.911	.911	0	%100
56	M55	Z	-.526	-.526	0	%100
57	M56	X	0	0	0	%100
58	M56	Z	0	0	0	%100
59	M60	X	4.359	4.359	0	%100
60	M60	Z	-2.517	-2.517	0	%100
61	M61	X	.911	.911	0	%100
62	M61	Z	-.526	-.526	0	%100
63	M62	X	0	0	0	%100
64	M62	Z	0	0	0	%100
65	M66	X	4.359	4.359	0	%100
66	M66	Z	-2.517	-2.517	0	%100
67	MP1B	X	6.924	6.924	0	%100
68	MP1B	Z	-3.997	-3.997	0	%100
69	MP5A	X	6.924	6.924	0	%100
70	MP5A	Z	-3.997	-3.997	0	%100
71	M73	X	.228	.228	0	%100
72	M73	Z	-.131	-.131	0	%100
73	M74	X	4.715	4.715	0	%100
74	M74	Z	-2.722	-2.722	0	%100
75	M78	X	1.09	1.09	0	%100
76	M78	Z	-.629	-.629	0	%100
77	M79	X	.228	.228	0	%100
78	M79	Z	-.131	-.131	0	%100
79	M80	X	4.715	4.715	0	%100
80	M80	Z	-2.722	-2.722	0	%100
81	M84	X	1.09	1.09	0	%100
82	M84	Z	-.629	-.629	0	%100
83	MP1A	X	6.924	6.924	0	%100
84	MP1A	Z	-3.997	-3.997	0	%100
85	MP4C	X	6.924	6.924	0	%100
86	MP4C	Z	-3.997	-3.997	0	%100
87	M97A	X	7.963	7.963	0	%100
88	M97A	Z	-4.597	-4.597	0	%100
89	M98A	X	1.991	1.991	0	%100
90	M98A	Z	-1.149	-1.149	0	%100
91	M99	X	1.991	1.991	0	%100
92	M99	Z	-1.149	-1.149	0	%100
93	M97B	X	4.293	4.293	0	%100
94	M97B	Z	-2.478	-2.478	0	%100
95	M98B	X	0	0	0	%100
96	M98B	Z	0	0	0	%100
97	M101	X	9.718	9.718	0	%100
98	M101	Z	-5.61	-5.61	0	%100
99	M102	X	9.718	9.718	0	%100
100	M102	Z	-5.61	-5.61	0	%100
101	M103	X	0	0	0	%100
102	M103	Z	0	0	0	%100
103	M104	X	0	0	0	%100
104	M104	Z	0	0	0	%100
105	M105	X	0	0	0	%100
106	M105	Z	0	0	0	%100
107	M106	X	0	0	0	%100
108	M106	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
109	M107	X	0	0	0	%100
110	M107	Z	0	0	0	%100
111	M108	X	0	0	0	%100
112	M108	Z	0	0	0	%100
113	M109	X	17.171	17.171	0	%100
114	M109	Z	-9.914	-9.914	0	%100
115	M110	X	4.293	4.293	0	%100
116	M110	Z	-2.478	-2.478	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M12	X	0	0	0	%100
2	M12	Z	0	0	0	%100
3	M13	X	0	0	0	%100
4	M13	Z	0	0	0	%100
5	M7	X	0	0	0	%100
6	M7	Z	0	0	0	%100
7	M8	X	16.513	16.513	0	%100
8	M8	Z	0	0	0	%100
9	M9	X	16.513	16.513	0	%100
10	M9	Z	0	0	0	%100
11	M9A	X	16.79	16.79	0	%100
12	M9A	Z	0	0	0	%100
13	M10A	X	16.761	16.761	0	%100
14	M10A	Z	0	0	0	%100
15	M11A	X	16.739	16.739	0	%100
16	M11A	Z	0	0	0	%100
17	M12B	X	16.79	16.79	0	%100
18	M12B	Z	0	0	0	%100
19	M23	X	0	0	0	%100
20	M23	Z	0	0	0	%100
21	M16	X	0	0	0	%100
22	M16	Z	0	0	0	%100
23	MP2A	X	7.995	7.995	0	%100
24	MP2A	Z	0	0	0	%100
25	MP3A	X	9.678	9.678	0	%100
26	MP3A	Z	0	0	0	%100
27	MP4A	X	7.995	7.995	0	%100
28	MP4A	Z	0	0	0	%100
29	M26	X	5.996	5.996	0	%100
30	M26	Z	0	0	0	%100
31	MP2C	X	9.678	9.678	0	%100
32	MP2C	Z	0	0	0	%100
33	MP3C	X	7.995	7.995	0	%100
34	MP3C	Z	0	0	0	%100
35	M33	X	5.996	5.996	0	%100
36	M33	Z	0	0	0	%100
37	MP2B	X	9.678	9.678	0	%100
38	MP2B	Z	0	0	0	%100
39	MP3B	X	7.995	7.995	0	%100
40	MP3B	Z	0	0	0	%100
41	M40	X	7.259	7.259	0	%100
42	M40	Z	0	0	0	%100
43	M42A	X	0	0	0	%100
44	M42A	Z	0	0	0	%100
45	M43A	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
46	M43A	Z	0	0	0	%100
47	M44	X	7.259	7.259	0	%100
48	M44	Z	0	0	0	%100
49	M48	X	0	0	0	%100
50	M48	Z	0	0	0	%100
51	MP1C	X	7.995	7.995	0	%100
52	MP1C	Z	0	0	0	%100
53	MP4B	X	7.995	7.995	0	%100
54	MP4B	Z	0	0	0	%100
55	M55	X	.789	.789	0	%100
56	M55	Z	0	0	0	%100
57	M56	X	1.815	1.815	0	%100
58	M56	Z	0	0	0	%100
59	M60	X	3.775	3.775	0	%100
60	M60	Z	0	0	0	%100
61	M61	X	.789	.789	0	%100
62	M61	Z	0	0	0	%100
63	M62	X	1.815	1.815	0	%100
64	M62	Z	0	0	0	%100
65	M66	X	3.775	3.775	0	%100
66	M66	Z	0	0	0	%100
67	MP1B	X	7.995	7.995	0	%100
68	MP1B	Z	0	0	0	%100
69	MP5A	X	7.995	7.995	0	%100
70	MP5A	Z	0	0	0	%100
71	M73	X	.789	.789	0	%100
72	M73	Z	0	0	0	%100
73	M74	X	1.815	1.815	0	%100
74	M74	Z	0	0	0	%100
75	M78	X	3.775	3.775	0	%100
76	M78	Z	0	0	0	%100
77	M79	X	.789	.789	0	%100
78	M79	Z	0	0	0	%100
79	M80	X	1.815	1.815	0	%100
80	M80	Z	0	0	0	%100
81	M84	X	3.775	3.775	0	%100
82	M84	Z	0	0	0	%100
83	MP1A	X	7.995	7.995	0	%100
84	MP1A	Z	0	0	0	%100
85	MP4C	X	7.995	7.995	0	%100
86	MP4C	Z	0	0	0	%100
87	M97A	X	6.896	6.896	0	%100
88	M97A	Z	0	0	0	%100
89	M98A	X	6.896	6.896	0	%100
90	M98A	Z	0	0	0	%100
91	M99	X	0	0	0	%100
92	M99	Z	0	0	0	%100
93	M97B	X	0	0	0	%100
94	M97B	Z	0	0	0	%100
95	M98B	X	4.449	4.449	0	%100
96	M98B	Z	0	0	0	%100
97	M101	X	11.221	11.221	0	%100
98	M101	Z	0	0	0	%100
99	M102	X	11.221	11.221	0	%100
100	M102	Z	0	0	0	%100
101	M103	X	.421	.421	0	%100
102	M103	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
103	M104	X	.421	.421	0	%100
104	M104	Z	0	0	0	%100
105	M105	X	.421	.421	0	%100
106	M105	Z	0	0	0	%100
107	M106	X	.421	.421	0	%100
108	M106	Z	0	0	0	%100
109	M107	X	.421	.421	0	%100
110	M107	Z	0	0	0	%100
111	M108	X	.421	.421	0	%100
112	M108	Z	0	0	0	%100
113	M109	X	14.871	14.871	0	%100
114	M109	Z	0	0	0	%100
115	M110	X	14.871	14.871	0	%100
116	M110	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M12	X	4.839	4.839	0	%100
2	M12	Z	2.794	2.794	0	%100
3	M13	X	4.839	4.839	0	%100
4	M13	Z	2.794	2.794	0	%100
5	M7	X	4.767	4.767	0	%100
6	M7	Z	2.752	2.752	0	%100
7	M8	X	4.767	4.767	0	%100
8	M8	Z	2.752	2.752	0	%100
9	M9	X	19.067	19.067	0	%100
10	M9	Z	11.009	11.009	0	%100
11	M9A	X	4.862	4.862	0	%100
12	M9A	Z	2.807	2.807	0	%100
13	M10A	X	4.839	4.839	0	%100
14	M10A	Z	2.794	2.794	0	%100
15	M11A	X	19.358	19.358	0	%100
16	M11A	Z	11.176	11.176	0	%100
17	M12B	X	19.358	19.358	0	%100
18	M12B	Z	11.176	11.176	0	%100
19	M23	X	.228	.228	0	%100
20	M23	Z	.131	.131	0	%100
21	M16	X	1.731	1.731	0	%100
22	M16	Z	.999	.999	0	%100
23	MP2A	X	6.924	6.924	0	%100
24	MP2A	Z	3.997	3.997	0	%100
25	MP3A	X	8.381	8.381	0	%100
26	MP3A	Z	4.839	4.839	0	%100
27	MP4A	X	6.924	6.924	0	%100
28	MP4A	Z	3.997	3.997	0	%100
29	M26	X	1.731	1.731	0	%100
30	M26	Z	.999	.999	0	%100
31	MP2C	X	8.381	8.381	0	%100
32	MP2C	Z	4.839	4.839	0	%100
33	MP3C	X	6.924	6.924	0	%100
34	MP3C	Z	3.997	3.997	0	%100
35	M33	X	6.924	6.924	0	%100
36	M33	Z	3.997	3.997	0	%100
37	MP2B	X	8.381	8.381	0	%100
38	MP2B	Z	4.839	4.839	0	%100
39	MP3B	X	6.924	6.924	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
40	MP3B	Z	3.997	3.997	0	%100
41	M40	X	4.715	4.715	0	%100
42	M40	Z	2.722	2.722	0	%100
43	M42A	X	1.09	1.09	0	%100
44	M42A	Z	.629	.629	0	%100
45	M43A	X	.228	.228	0	%100
46	M43A	Z	.131	.131	0	%100
47	M44	X	4.715	4.715	0	%100
48	M44	Z	2.722	2.722	0	%100
49	M48	X	1.09	1.09	0	%100
50	M48	Z	.629	.629	0	%100
51	MP1C	X	6.924	6.924	0	%100
52	MP1C	Z	3.997	3.997	0	%100
53	MP4B	X	6.924	6.924	0	%100
54	MP4B	Z	3.997	3.997	0	%100
55	M55	X	.228	.228	0	%100
56	M55	Z	.131	.131	0	%100
57	M56	X	4.715	4.715	0	%100
58	M56	Z	2.722	2.722	0	%100
59	M60	X	1.09	1.09	0	%100
60	M60	Z	.629	.629	0	%100
61	M61	X	.228	.228	0	%100
62	M61	Z	.131	.131	0	%100
63	M62	X	4.715	4.715	0	%100
64	M62	Z	2.722	2.722	0	%100
65	M66	X	1.09	1.09	0	%100
66	M66	Z	.629	.629	0	%100
67	MP1B	X	6.924	6.924	0	%100
68	MP1B	Z	3.997	3.997	0	%100
69	MP5A	X	6.924	6.924	0	%100
70	MP5A	Z	3.997	3.997	0	%100
71	M73	X	.911	.911	0	%100
72	M73	Z	.526	.526	0	%100
73	M74	X	0	0	0	%100
74	M74	Z	0	0	0	%100
75	M78	X	4.359	4.359	0	%100
76	M78	Z	2.517	2.517	0	%100
77	M79	X	.911	.911	0	%100
78	M79	Z	.526	.526	0	%100
79	M80	X	0	0	0	%100
80	M80	Z	0	0	0	%100
81	M84	X	4.359	4.359	0	%100
82	M84	Z	2.517	2.517	0	%100
83	MP1A	X	6.924	6.924	0	%100
84	MP1A	Z	3.997	3.997	0	%100
85	MP4C	X	6.924	6.924	0	%100
86	MP4C	Z	3.997	3.997	0	%100
87	M97A	X	1.991	1.991	0	%100
88	M97A	Z	1.149	1.149	0	%100
89	M98A	X	7.963	7.963	0	%100
90	M98A	Z	4.597	4.597	0	%100
91	M99	X	1.991	1.991	0	%100
92	M99	Z	1.149	1.149	0	%100
93	M97B	X	4.293	4.293	0	%100
94	M97B	Z	2.478	2.478	0	%100
95	M98B	X	11.56	11.56	0	%100
96	M98B	Z	6.674	6.674	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
97	M101	X	9.718	9.718	0	%100
98	M101	Z	5.61	5.61	0	%100
99	M102	X	9.718	9.718	0	%100
100	M102	Z	5.61	5.61	0	%100
101	M103	X	1.093	1.093	0	%100
102	M103	Z	.631	.631	0	%100
103	M104	X	1.093	1.093	0	%100
104	M104	Z	.631	.631	0	%100
105	M105	X	1.093	1.093	0	%100
106	M105	Z	.631	.631	0	%100
107	M106	X	1.093	1.093	0	%100
108	M106	Z	.631	.631	0	%100
109	M107	X	1.093	1.093	0	%100
110	M107	Z	.631	.631	0	%100
111	M108	X	1.093	1.093	0	%100
112	M108	Z	.631	.631	0	%100
113	M109	X	4.293	4.293	0	%100
114	M109	Z	2.478	2.478	0	%100
115	M110	X	17.171	17.171	0	%100
116	M110	Z	9.914	9.914	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M12	X	8.381	8.381	0	%100
2	M12	Z	14.516	14.516	0	%100
3	M13	X	8.381	8.381	0	%100
4	M13	Z	14.516	14.516	0	%100
5	M7	X	8.256	8.256	0	%100
6	M7	Z	14.301	14.301	0	%100
7	M8	X	0	0	0	%100
8	M8	Z	0	0	0	%100
9	M9	X	8.256	8.256	0	%100
10	M9	Z	14.301	14.301	0	%100
11	M9A	X	1.9e-5	1.9e-5	0	%100
12	M9A	Z	3.4e-5	3.4e-5	0	%100
13	M10A	X	0	0	0	%100
14	M10A	Z	0	0	0	%100
15	M11A	X	8.395	8.395	0	%100
16	M11A	Z	14.541	14.541	0	%100
17	M12B	X	8.37	8.37	0	%100
18	M12B	Z	14.496	14.496	0	%100
19	M23	X	.394	.394	0	%100
20	M23	Z	.683	.683	0	%100
21	M16	X	2.998	2.998	0	%100
22	M16	Z	5.193	5.193	0	%100
23	MP2A	X	3.997	3.997	0	%100
24	MP2A	Z	6.924	6.924	0	%100
25	MP3A	X	4.839	4.839	0	%100
26	MP3A	Z	8.381	8.381	0	%100
27	MP4A	X	3.997	3.997	0	%100
28	MP4A	Z	6.924	6.924	0	%100
29	M26	X	0	0	0	%100
30	M26	Z	0	0	0	%100
31	MP2C	X	4.839	4.839	0	%100
32	MP2C	Z	8.381	8.381	0	%100
33	MP3C	X	3.997	3.997	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
34	MP3C	Z	6.924	6.924	0	%100
35	M33	X	2.998	2.998	0	%100
36	M33	Z	5.193	5.193	0	%100
37	MP2B	X	4.839	4.839	0	%100
38	MP2B	Z	8.381	8.381	0	%100
39	MP3B	X	3.997	3.997	0	%100
40	MP3B	Z	6.924	6.924	0	%100
41	M40	X	.907	.907	0	%100
42	M40	Z	1.572	1.572	0	%100
43	M42A	X	1.888	1.888	0	%100
44	M42A	Z	3.27	3.27	0	%100
45	M43A	X	.394	.394	0	%100
46	M43A	Z	.683	.683	0	%100
47	M44	X	.907	.907	0	%100
48	M44	Z	1.572	1.572	0	%100
49	M48	X	1.888	1.888	0	%100
50	M48	Z	3.27	3.27	0	%100
51	MP1C	X	3.997	3.997	0	%100
52	MP1C	Z	6.924	6.924	0	%100
53	MP4B	X	3.997	3.997	0	%100
54	MP4B	Z	6.924	6.924	0	%100
55	M55	X	0	0	0	%100
56	M55	Z	0	0	0	%100
57	M56	X	3.63	3.63	0	%100
58	M56	Z	6.287	6.287	0	%100
59	M60	X	0	0	0	%100
60	M60	Z	0	0	0	%100
61	M61	X	0	0	0	%100
62	M61	Z	0	0	0	%100
63	M62	X	3.63	3.63	0	%100
64	M62	Z	6.287	6.287	0	%100
65	M66	X	0	0	0	%100
66	M66	Z	0	0	0	%100
67	MP1B	X	3.997	3.997	0	%100
68	MP1B	Z	6.924	6.924	0	%100
69	MP5A	X	3.997	3.997	0	%100
70	MP5A	Z	6.924	6.924	0	%100
71	M73	X	.394	.394	0	%100
72	M73	Z	.683	.683	0	%100
73	M74	X	.907	.907	0	%100
74	M74	Z	1.572	1.572	0	%100
75	M78	X	1.888	1.888	0	%100
76	M78	Z	3.27	3.27	0	%100
77	M79	X	.394	.394	0	%100
78	M79	Z	.683	.683	0	%100
79	M80	X	.907	.907	0	%100
80	M80	Z	1.572	1.572	0	%100
81	M84	X	1.888	1.888	0	%100
82	M84	Z	3.27	3.27	0	%100
83	MP1A	X	3.997	3.997	0	%100
84	MP1A	Z	6.924	6.924	0	%100
85	MP4C	X	3.997	3.997	0	%100
86	MP4C	Z	6.924	6.924	0	%100
87	M97A	X	0	0	0	%100
88	M97A	Z	0	0	0	%100
89	M98A	X	3.448	3.448	0	%100
90	M98A	Z	5.972	5.972	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
91	M99	X	3.448	3.448	0	%100
92	M99	Z	5.972	5.972	0	%100
93	M97B	X	7.435	7.435	0	%100
94	M97B	Z	12.878	12.878	0	%100
95	M98B	X	8.899	8.899	0	%100
96	M98B	Z	15.413	15.413	0	%100
97	M101	X	5.61	5.61	0	%100
98	M101	Z	9.718	9.718	0	%100
99	M102	X	5.61	5.61	0	%100
100	M102	Z	9.718	9.718	0	%100
101	M103	X	.842	.842	0	%100
102	M103	Z	1.458	1.458	0	%100
103	M104	X	.842	.842	0	%100
104	M104	Z	1.458	1.458	0	%100
105	M105	X	.842	.842	0	%100
106	M105	Z	1.458	1.458	0	%100
107	M106	X	.842	.842	0	%100
108	M106	Z	1.458	1.458	0	%100
109	M107	X	.842	.842	0	%100
110	M107	Z	1.458	1.458	0	%100
111	M108	X	.842	.842	0	%100
112	M108	Z	1.458	1.458	0	%100
113	M109	X	0	0	0	%100
114	M109	Z	0	0	0	%100
115	M110	X	7.435	7.435	0	%100
116	M110	Z	12.878	12.878	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M12	X	0	0	0	%100
2	M12	Z	22.348	22.348	0	%100
3	M13	X	0	0	0	%100
4	M13	Z	22.348	22.348	0	%100
5	M7	X	0	0	0	%100
6	M7	Z	22.017	22.017	0	%100
7	M8	X	0	0	0	%100
8	M8	Z	5.504	5.504	0	%100
9	M9	X	0	0	0	%100
10	M9	Z	5.504	5.504	0	%100
11	M9A	X	0	0	0	%100
12	M9A	Z	5.563	5.563	0	%100
13	M10A	X	0	0	0	%100
14	M10A	Z	5.587	5.587	0	%100
15	M11A	X	0	0	0	%100
16	M11A	Z	5.614	5.614	0	%100
17	M12B	X	0	0	0	%100
18	M12B	Z	5.563	5.563	0	%100
19	M23	X	0	0	0	%100
20	M23	Z	1.052	1.052	0	%100
21	M16	X	0	0	0	%100
22	M16	Z	7.995	7.995	0	%100
23	MP2A	X	0	0	0	%100
24	MP2A	Z	7.995	7.995	0	%100
25	MP3A	X	0	0	0	%100
26	MP3A	Z	9.678	9.678	0	%100
27	MP4A	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
28	MP4A	Z	7.995	7.995	0	%100
29	M26	X	0	0	0	%100
30	M26	Z	1.999	1.999	0	%100
31	MP2C	X	0	0	0	%100
32	MP2C	Z	9.678	9.678	0	%100
33	MP3C	X	0	0	0	%100
34	MP3C	Z	7.995	7.995	0	%100
35	M33	X	0	0	0	%100
36	M33	Z	1.999	1.999	0	%100
37	MP2B	X	0	0	0	%100
38	MP2B	Z	9.678	9.678	0	%100
39	MP3B	X	0	0	0	%100
40	MP3B	Z	7.995	7.995	0	%100
41	M40	X	0	0	0	%100
42	M40	Z	0	0	0	%100
43	M42A	X	0	0	0	%100
44	M42A	Z	5.034	5.034	0	%100
45	M43A	X	0	0	0	%100
46	M43A	Z	1.052	1.052	0	%100
47	M44	X	0	0	0	%100
48	M44	Z	0	0	0	%100
49	M48	X	0	0	0	%100
50	M48	Z	5.034	5.034	0	%100
51	MP1C	X	0	0	0	%100
52	MP1C	Z	7.995	7.995	0	%100
53	MP4B	X	0	0	0	%100
54	MP4B	Z	7.995	7.995	0	%100
55	M55	X	0	0	0	%100
56	M55	Z	.263	.263	0	%100
57	M56	X	0	0	0	%100
58	M56	Z	5.444	5.444	0	%100
59	M60	X	0	0	0	%100
60	M60	Z	1.258	1.258	0	%100
61	M61	X	0	0	0	%100
62	M61	Z	.263	.263	0	%100
63	M62	X	0	0	0	%100
64	M62	Z	5.444	5.444	0	%100
65	M66	X	0	0	0	%100
66	M66	Z	1.258	1.258	0	%100
67	MP1B	X	0	0	0	%100
68	MP1B	Z	7.995	7.995	0	%100
69	MP5A	X	0	0	0	%100
70	MP5A	Z	7.995	7.995	0	%100
71	M73	X	0	0	0	%100
72	M73	Z	.263	.263	0	%100
73	M74	X	0	0	0	%100
74	M74	Z	5.444	5.444	0	%100
75	M78	X	0	0	0	%100
76	M78	Z	1.258	1.258	0	%100
77	M79	X	0	0	0	%100
78	M79	Z	.263	.263	0	%100
79	M80	X	0	0	0	%100
80	M80	Z	5.444	5.444	0	%100
81	M84	X	0	0	0	%100
82	M84	Z	1.258	1.258	0	%100
83	MP1A	X	0	0	0	%100
84	MP1A	Z	7.995	7.995	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
85	MP4C	X	0	0	0	%100
86	MP4C	Z	7.995	7.995	0	%100
87	M97A	X	0	0	0	%100
88	M97A	Z	2.299	2.299	0	%100
89	M98A	X	0	0	0	%100
90	M98A	Z	2.299	2.299	0	%100
91	M99	X	0	0	0	%100
92	M99	Z	9.195	9.195	0	%100
93	M97B	X	0	0	0	%100
94	M97B	Z	19.827	19.827	0	%100
95	M98B	X	0	0	0	%100
96	M98B	Z	13.348	13.348	0	%100
97	M101	X	0	0	0	%100
98	M101	Z	11.221	11.221	0	%100
99	M102	X	0	0	0	%100
100	M102	Z	11.221	11.221	0	%100
101	M103	X	0	0	0	%100
102	M103	Z	1.262	1.262	0	%100
103	M104	X	0	0	0	%100
104	M104	Z	1.262	1.262	0	%100
105	M105	X	0	0	0	%100
106	M105	Z	1.262	1.262	0	%100
107	M106	X	0	0	0	%100
108	M106	Z	1.262	1.262	0	%100
109	M107	X	0	0	0	%100
110	M107	Z	1.262	1.262	0	%100
111	M108	X	0	0	0	%100
112	M108	Z	1.262	1.262	0	%100
113	M109	X	0	0	0	%100
114	M109	Z	4.957	4.957	0	%100
115	M110	X	0	0	0	%100
116	M110	Z	4.957	4.957	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M12	X	-8.381	-8.381	0	%100
2	M12	Z	14.516	14.516	0	%100
3	M13	X	-8.381	-8.381	0	%100
4	M13	Z	14.516	14.516	0	%100
5	M7	X	-8.256	-8.256	0	%100
6	M7	Z	14.301	14.301	0	%100
7	M8	X	-8.256	-8.256	0	%100
8	M8	Z	14.301	14.301	0	%100
9	M9	X	0	0	0	%100
10	M9	Z	0	0	0	%100
11	M9A	X	-8.37	-8.37	0	%100
12	M9A	Z	14.496	14.496	0	%100
13	M10A	X	-8.381	-8.381	0	%100
14	M10A	Z	14.516	14.516	0	%100
15	M11A	X	-1.9e-5	-1.9e-5	0	%100
16	M11A	Z	3.4e-5	3.4e-5	0	%100
17	M12B	X	-1.9e-5	-1.9e-5	0	%100
18	M12B	Z	3.4e-5	3.4e-5	0	%100
19	M23	X	-.394	-.394	0	%100
20	M23	Z	.683	.683	0	%100
21	M16	X	-2.998	-2.998	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
22	M16	Z	5.193	5.193	0	%100
23	MP2A	X	-3.997	-3.997	0	%100
24	MP2A	Z	6.924	6.924	0	%100
25	MP3A	X	-4.839	-4.839	0	%100
26	MP3A	Z	8.381	8.381	0	%100
27	MP4A	X	-3.997	-3.997	0	%100
28	MP4A	Z	6.924	6.924	0	%100
29	M26	X	-2.998	-2.998	0	%100
30	M26	Z	5.193	5.193	0	%100
31	MP2C	X	-4.839	-4.839	0	%100
32	MP2C	Z	8.381	8.381	0	%100
33	MP3C	X	-3.997	-3.997	0	%100
34	MP3C	Z	6.924	6.924	0	%100
35	M33	X	0	0	0	%100
36	M33	Z	0	0	0	%100
37	MP2B	X	-4.839	-4.839	0	%100
38	MP2B	Z	8.381	8.381	0	%100
39	MP3B	X	-3.997	-3.997	0	%100
40	MP3B	Z	6.924	6.924	0	%100
41	M40	X	-.907	-.907	0	%100
42	M40	Z	1.572	1.572	0	%100
43	M42A	X	-1.888	-1.888	0	%100
44	M42A	Z	3.27	3.27	0	%100
45	M43A	X	-.394	-.394	0	%100
46	M43A	Z	.683	.683	0	%100
47	M44	X	-.907	-.907	0	%100
48	M44	Z	1.572	1.572	0	%100
49	M48	X	-1.888	-1.888	0	%100
50	M48	Z	3.27	3.27	0	%100
51	MP1C	X	-3.997	-3.997	0	%100
52	MP1C	Z	6.924	6.924	0	%100
53	MP4B	X	-3.997	-3.997	0	%100
54	MP4B	Z	6.924	6.924	0	%100
55	M55	X	-.394	-.394	0	%100
56	M55	Z	.683	.683	0	%100
57	M56	X	-.907	-.907	0	%100
58	M56	Z	1.572	1.572	0	%100
59	M60	X	-1.888	-1.888	0	%100
60	M60	Z	3.27	3.27	0	%100
61	M61	X	-.394	-.394	0	%100
62	M61	Z	.683	.683	0	%100
63	M62	X	-.907	-.907	0	%100
64	M62	Z	1.572	1.572	0	%100
65	M66	X	-1.888	-1.888	0	%100
66	M66	Z	3.27	3.27	0	%100
67	MP1B	X	-3.997	-3.997	0	%100
68	MP1B	Z	6.924	6.924	0	%100
69	MP5A	X	-3.997	-3.997	0	%100
70	MP5A	Z	6.924	6.924	0	%100
71	M73	X	0	0	0	%100
72	M73	Z	0	0	0	%100
73	M74	X	-3.63	-3.63	0	%100
74	M74	Z	6.287	6.287	0	%100
75	M78	X	0	0	0	%100
76	M78	Z	0	0	0	%100
77	M79	X	0	0	0	%100
78	M79	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
79	M80	X	-3.63	-3.63	0	%100
80	M80	Z	6.287	6.287	0	%100
81	M84	X	0	0	0	%100
82	M84	Z	0	0	0	%100
83	MP1A	X	-3.997	-3.997	0	%100
84	MP1A	Z	6.924	6.924	0	%100
85	MP4C	X	-3.997	-3.997	0	%100
86	MP4C	Z	6.924	6.924	0	%100
87	M97A	X	-3.448	-3.448	0	%100
88	M97A	Z	5.972	5.972	0	%100
89	M98A	X	0	0	0	%100
90	M98A	Z	0	0	0	%100
91	M99	X	-3.448	-3.448	0	%100
92	M99	Z	5.972	5.972	0	%100
93	M97B	X	-7.435	-7.435	0	%100
94	M97B	Z	12.878	12.878	0	%100
95	M98B	X	-2.225	-2.225	0	%100
96	M98B	Z	3.853	3.853	0	%100
97	M101	X	-5.61	-5.61	0	%100
98	M101	Z	9.718	9.718	0	%100
99	M102	X	-5.61	-5.61	0	%100
100	M102	Z	9.718	9.718	0	%100
101	M103	X	-.21	-.21	0	%100
102	M103	Z	.364	.364	0	%100
103	M104	X	-.21	-.21	0	%100
104	M104	Z	.364	.364	0	%100
105	M105	X	-.21	-.21	0	%100
106	M105	Z	.364	.364	0	%100
107	M106	X	-.21	-.21	0	%100
108	M106	Z	.364	.364	0	%100
109	M107	X	-.21	-.21	0	%100
110	M107	Z	.364	.364	0	%100
111	M108	X	-.21	-.21	0	%100
112	M108	Z	.364	.364	0	%100
113	M109	X	-7.435	-7.435	0	%100
114	M109	Z	12.878	12.878	0	%100
115	M110	X	0	0	0	%100
116	M110	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M12	X	-4.839	-4.839	0	%100
2	M12	Z	2.794	2.794	0	%100
3	M13	X	-4.839	-4.839	0	%100
4	M13	Z	2.794	2.794	0	%100
5	M7	X	-4.767	-4.767	0	%100
6	M7	Z	2.752	2.752	0	%100
7	M8	X	-19.067	-19.067	0	%100
8	M8	Z	11.009	11.009	0	%100
9	M9	X	-4.767	-4.767	0	%100
10	M9	Z	2.752	2.752	0	%100
11	M9A	X	-19.358	-19.358	0	%100
12	M9A	Z	11.176	11.176	0	%100
13	M10A	X	-19.354	-19.354	0	%100
14	M10A	Z	11.174	11.174	0	%100
15	M11A	X	-4.817	-4.817	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
16	M11A	Z	2.781	2.781	0	%100
17	M12B	X	-4.862	-4.862	0	%100
18	M12B	Z	2.807	2.807	0	%100
19	M23	X	-.228	-.228	0	%100
20	M23	Z	.131	.131	0	%100
21	M16	X	-1.731	-1.731	0	%100
22	M16	Z	.999	.999	0	%100
23	MP2A	X	-6.924	-6.924	0	%100
24	MP2A	Z	3.997	3.997	0	%100
25	MP3A	X	-8.381	-8.381	0	%100
26	MP3A	Z	4.839	4.839	0	%100
27	MP4A	X	-6.924	-6.924	0	%100
28	MP4A	Z	3.997	3.997	0	%100
29	M26	X	-6.924	-6.924	0	%100
30	M26	Z	3.997	3.997	0	%100
31	MP2C	X	-8.381	-8.381	0	%100
32	MP2C	Z	4.839	4.839	0	%100
33	MP3C	X	-6.924	-6.924	0	%100
34	MP3C	Z	3.997	3.997	0	%100
35	M33	X	-1.731	-1.731	0	%100
36	M33	Z	.999	.999	0	%100
37	MP2B	X	-8.381	-8.381	0	%100
38	MP2B	Z	4.839	4.839	0	%100
39	MP3B	X	-6.924	-6.924	0	%100
40	MP3B	Z	3.997	3.997	0	%100
41	M40	X	-4.715	-4.715	0	%100
42	M40	Z	2.722	2.722	0	%100
43	M42A	X	-1.09	-1.09	0	%100
44	M42A	Z	.629	.629	0	%100
45	M43A	X	-.228	-.228	0	%100
46	M43A	Z	.131	.131	0	%100
47	M44	X	-4.715	-4.715	0	%100
48	M44	Z	2.722	2.722	0	%100
49	M48	X	-1.09	-1.09	0	%100
50	M48	Z	.629	.629	0	%100
51	MP1C	X	-6.924	-6.924	0	%100
52	MP1C	Z	3.997	3.997	0	%100
53	MP4B	X	-6.924	-6.924	0	%100
54	MP4B	Z	3.997	3.997	0	%100
55	M55	X	-.911	-.911	0	%100
56	M55	Z	.526	.526	0	%100
57	M56	X	0	0	0	%100
58	M56	Z	0	0	0	%100
59	M60	X	-4.359	-4.359	0	%100
60	M60	Z	2.517	2.517	0	%100
61	M61	X	-.911	-.911	0	%100
62	M61	Z	.526	.526	0	%100
63	M62	X	0	0	0	%100
64	M62	Z	0	0	0	%100
65	M66	X	-4.359	-4.359	0	%100
66	M66	Z	2.517	2.517	0	%100
67	MP1B	X	-6.924	-6.924	0	%100
68	MP1B	Z	3.997	3.997	0	%100
69	MP5A	X	-6.924	-6.924	0	%100
70	MP5A	Z	3.997	3.997	0	%100
71	M73	X	-.228	-.228	0	%100
72	M73	Z	.131	.131	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
73	M74	X	-4.715	-4.715	0	%100
74	M74	Z	2.722	2.722	0	%100
75	M78	X	-1.09	-1.09	0	%100
76	M78	Z	.629	.629	0	%100
77	M79	X	-.228	-.228	0	%100
78	M79	Z	.131	.131	0	%100
79	M80	X	-4.715	-4.715	0	%100
80	M80	Z	2.722	2.722	0	%100
81	M84	X	-1.09	-1.09	0	%100
82	M84	Z	.629	.629	0	%100
83	MP1A	X	-6.924	-6.924	0	%100
84	MP1A	Z	3.997	3.997	0	%100
85	MP4C	X	-6.924	-6.924	0	%100
86	MP4C	Z	3.997	3.997	0	%100
87	M97A	X	-7.963	-7.963	0	%100
88	M97A	Z	4.597	4.597	0	%100
89	M98A	X	-1.991	-1.991	0	%100
90	M98A	Z	1.149	1.149	0	%100
91	M99	X	-1.991	-1.991	0	%100
92	M99	Z	1.149	1.149	0	%100
93	M97B	X	-4.293	-4.293	0	%100
94	M97B	Z	2.478	2.478	0	%100
95	M98B	X	0	0	0	%100
96	M98B	Z	0	0	0	%100
97	M101	X	-9.718	-9.718	0	%100
98	M101	Z	5.61	5.61	0	%100
99	M102	X	-9.718	-9.718	0	%100
100	M102	Z	5.61	5.61	0	%100
101	M103	X	0	0	0	%100
102	M103	Z	0	0	0	%100
103	M104	X	0	0	0	%100
104	M104	Z	0	0	0	%100
105	M105	X	0	0	0	%100
106	M105	Z	0	0	0	%100
107	M106	X	0	0	0	%100
108	M106	Z	0	0	0	%100
109	M107	X	0	0	0	%100
110	M107	Z	0	0	0	%100
111	M108	X	0	0	0	%100
112	M108	Z	0	0	0	%100
113	M109	X	-17.171	-17.171	0	%100
114	M109	Z	9.914	9.914	0	%100
115	M110	X	-4.293	-4.293	0	%100
116	M110	Z	2.478	2.478	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M12	X	0	0	0	%100
2	M12	Z	0	0	0	%100
3	M13	X	0	0	0	%100
4	M13	Z	0	0	0	%100
5	M7	X	0	0	0	%100
6	M7	Z	0	0	0	%100
7	M8	X	-16.513	-16.513	0	%100
8	M8	Z	0	0	0	%100
9	M9	X	-16.513	-16.513	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
10	M9	Z	0	0	0	%100
11	M9A	X	-16.79	-16.79	0	%100
12	M9A	Z	0	0	0	%100
13	M10A	X	-16.761	-16.761	0	%100
14	M10A	Z	0	0	0	%100
15	M11A	X	-16.739	-16.739	0	%100
16	M11A	Z	0	0	0	%100
17	M12B	X	-16.79	-16.79	0	%100
18	M12B	Z	0	0	0	%100
19	M23	X	0	0	0	%100
20	M23	Z	0	0	0	%100
21	M16	X	0	0	0	%100
22	M16	Z	0	0	0	%100
23	MP2A	X	-7.995	-7.995	0	%100
24	MP2A	Z	0	0	0	%100
25	MP3A	X	-9.678	-9.678	0	%100
26	MP3A	Z	0	0	0	%100
27	MP4A	X	-7.995	-7.995	0	%100
28	MP4A	Z	0	0	0	%100
29	M26	X	-5.996	-5.996	0	%100
30	M26	Z	0	0	0	%100
31	MP2C	X	-9.678	-9.678	0	%100
32	MP2C	Z	0	0	0	%100
33	MP3C	X	-7.995	-7.995	0	%100
34	MP3C	Z	0	0	0	%100
35	M33	X	-5.996	-5.996	0	%100
36	M33	Z	0	0	0	%100
37	MP2B	X	-9.678	-9.678	0	%100
38	MP2B	Z	0	0	0	%100
39	MP3B	X	-7.995	-7.995	0	%100
40	MP3B	Z	0	0	0	%100
41	M40	X	-7.259	-7.259	0	%100
42	M40	Z	0	0	0	%100
43	M42A	X	0	0	0	%100
44	M42A	Z	0	0	0	%100
45	M43A	X	0	0	0	%100
46	M43A	Z	0	0	0	%100
47	M44	X	-7.259	-7.259	0	%100
48	M44	Z	0	0	0	%100
49	M48	X	0	0	0	%100
50	M48	Z	0	0	0	%100
51	MP1C	X	-7.995	-7.995	0	%100
52	MP1C	Z	0	0	0	%100
53	MP4B	X	-7.995	-7.995	0	%100
54	MP4B	Z	0	0	0	%100
55	M55	X	-.789	-.789	0	%100
56	M55	Z	0	0	0	%100
57	M56	X	-1.815	-1.815	0	%100
58	M56	Z	0	0	0	%100
59	M60	X	-3.775	-3.775	0	%100
60	M60	Z	0	0	0	%100
61	M61	X	-.789	-.789	0	%100
62	M61	Z	0	0	0	%100
63	M62	X	-1.815	-1.815	0	%100
64	M62	Z	0	0	0	%100
65	M66	X	-3.775	-3.775	0	%100
66	M66	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
67	MP1B	X	-7.995	-7.995	0	%100
68	MP1B	Z	0	0	0	%100
69	MP5A	X	-7.995	-7.995	0	%100
70	MP5A	Z	0	0	0	%100
71	M73	X	-.789	-.789	0	%100
72	M73	Z	0	0	0	%100
73	M74	X	-1.815	-1.815	0	%100
74	M74	Z	0	0	0	%100
75	M78	X	-3.775	-3.775	0	%100
76	M78	Z	0	0	0	%100
77	M79	X	-.789	-.789	0	%100
78	M79	Z	0	0	0	%100
79	M80	X	-1.815	-1.815	0	%100
80	M80	Z	0	0	0	%100
81	M84	X	-3.775	-3.775	0	%100
82	M84	Z	0	0	0	%100
83	MP1A	X	-7.995	-7.995	0	%100
84	MP1A	Z	0	0	0	%100
85	MP4C	X	-7.995	-7.995	0	%100
86	MP4C	Z	0	0	0	%100
87	M97A	X	-6.896	-6.896	0	%100
88	M97A	Z	0	0	0	%100
89	M98A	X	-6.896	-6.896	0	%100
90	M98A	Z	0	0	0	%100
91	M99	X	0	0	0	%100
92	M99	Z	0	0	0	%100
93	M97B	X	0	0	0	%100
94	M97B	Z	0	0	0	%100
95	M98B	X	-4.449	-4.449	0	%100
96	M98B	Z	0	0	0	%100
97	M101	X	-11.221	-11.221	0	%100
98	M101	Z	0	0	0	%100
99	M102	X	-11.221	-11.221	0	%100
100	M102	Z	0	0	0	%100
101	M103	X	-.421	-.421	0	%100
102	M103	Z	0	0	0	%100
103	M104	X	-.421	-.421	0	%100
104	M104	Z	0	0	0	%100
105	M105	X	-.421	-.421	0	%100
106	M105	Z	0	0	0	%100
107	M106	X	-.421	-.421	0	%100
108	M106	Z	0	0	0	%100
109	M107	X	-.421	-.421	0	%100
110	M107	Z	0	0	0	%100
111	M108	X	-.421	-.421	0	%100
112	M108	Z	0	0	0	%100
113	M109	X	-14.871	-14.871	0	%100
114	M109	Z	0	0	0	%100
115	M110	X	-14.871	-14.871	0	%100
116	M110	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M12	X	-4.839	-4.839	0	%100
2	M12	Z	-2.794	-2.794	0	%100
3	M13	X	-4.839	-4.839	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
4	M13	Z	-2.794	-2.794	0	%100
5	M7	X	-4.767	-4.767	0	%100
6	M7	Z	-2.752	-2.752	0	%100
7	M8	X	-4.767	-4.767	0	%100
8	M8	Z	-2.752	-2.752	0	%100
9	M9	X	-19.067	-19.067	0	%100
10	M9	Z	-11.009	-11.009	0	%100
11	M9A	X	-4.862	-4.862	0	%100
12	M9A	Z	-2.807	-2.807	0	%100
13	M10A	X	-4.839	-4.839	0	%100
14	M10A	Z	-2.794	-2.794	0	%100
15	M11A	X	-19.358	-19.358	0	%100
16	M11A	Z	-11.176	-11.176	0	%100
17	M12B	X	-19.358	-19.358	0	%100
18	M12B	Z	-11.176	-11.176	0	%100
19	M23	X	-.228	-.228	0	%100
20	M23	Z	-.131	-.131	0	%100
21	M16	X	-1.731	-1.731	0	%100
22	M16	Z	-.999	-.999	0	%100
23	MP2A	X	-6.924	-6.924	0	%100
24	MP2A	Z	-3.997	-3.997	0	%100
25	MP3A	X	-8.381	-8.381	0	%100
26	MP3A	Z	-4.839	-4.839	0	%100
27	MP4A	X	-6.924	-6.924	0	%100
28	MP4A	Z	-3.997	-3.997	0	%100
29	M26	X	-1.731	-1.731	0	%100
30	M26	Z	-.999	-.999	0	%100
31	MP2C	X	-8.381	-8.381	0	%100
32	MP2C	Z	-4.839	-4.839	0	%100
33	MP3C	X	-6.924	-6.924	0	%100
34	MP3C	Z	-3.997	-3.997	0	%100
35	M33	X	-6.924	-6.924	0	%100
36	M33	Z	-3.997	-3.997	0	%100
37	MP2B	X	-8.381	-8.381	0	%100
38	MP2B	Z	-4.839	-4.839	0	%100
39	MP3B	X	-6.924	-6.924	0	%100
40	MP3B	Z	-3.997	-3.997	0	%100
41	M40	X	-4.715	-4.715	0	%100
42	M40	Z	-2.722	-2.722	0	%100
43	M42A	X	-1.09	-1.09	0	%100
44	M42A	Z	-.629	-.629	0	%100
45	M43A	X	-.228	-.228	0	%100
46	M43A	Z	-.131	-.131	0	%100
47	M44	X	-4.715	-4.715	0	%100
48	M44	Z	-2.722	-2.722	0	%100
49	M48	X	-1.09	-1.09	0	%100
50	M48	Z	-.629	-.629	0	%100
51	MP1C	X	-6.924	-6.924	0	%100
52	MP1C	Z	-3.997	-3.997	0	%100
53	MP4B	X	-6.924	-6.924	0	%100
54	MP4B	Z	-3.997	-3.997	0	%100
55	M55	X	-.228	-.228	0	%100
56	M55	Z	-.131	-.131	0	%100
57	M56	X	-4.715	-4.715	0	%100
58	M56	Z	-2.722	-2.722	0	%100
59	M60	X	-1.09	-1.09	0	%100
60	M60	Z	-.629	-.629	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
61	M61	X	-.228	-.228	0	%100
62	M61	Z	-.131	-.131	0	%100
63	M62	X	-4.715	-4.715	0	%100
64	M62	Z	-2.722	-2.722	0	%100
65	M66	X	-1.09	-1.09	0	%100
66	M66	Z	-.629	-.629	0	%100
67	MP1B	X	-6.924	-6.924	0	%100
68	MP1B	Z	-3.997	-3.997	0	%100
69	MP5A	X	-6.924	-6.924	0	%100
70	MP5A	Z	-3.997	-3.997	0	%100
71	M73	X	-.911	-.911	0	%100
72	M73	Z	-.526	-.526	0	%100
73	M74	X	0	0	0	%100
74	M74	Z	0	0	0	%100
75	M78	X	-4.359	-4.359	0	%100
76	M78	Z	-2.517	-2.517	0	%100
77	M79	X	-.911	-.911	0	%100
78	M79	Z	-.526	-.526	0	%100
79	M80	X	0	0	0	%100
80	M80	Z	0	0	0	%100
81	M84	X	-4.359	-4.359	0	%100
82	M84	Z	-2.517	-2.517	0	%100
83	MP1A	X	-6.924	-6.924	0	%100
84	MP1A	Z	-3.997	-3.997	0	%100
85	MP4C	X	-6.924	-6.924	0	%100
86	MP4C	Z	-3.997	-3.997	0	%100
87	M97A	X	-1.991	-1.991	0	%100
88	M97A	Z	-1.149	-1.149	0	%100
89	M98A	X	-7.963	-7.963	0	%100
90	M98A	Z	-4.597	-4.597	0	%100
91	M99	X	-1.991	-1.991	0	%100
92	M99	Z	-1.149	-1.149	0	%100
93	M97B	X	-4.293	-4.293	0	%100
94	M97B	Z	-2.478	-2.478	0	%100
95	M98B	X	-11.56	-11.56	0	%100
96	M98B	Z	-6.674	-6.674	0	%100
97	M101	X	-9.718	-9.718	0	%100
98	M101	Z	-5.61	-5.61	0	%100
99	M102	X	-9.718	-9.718	0	%100
100	M102	Z	-5.61	-5.61	0	%100
101	M103	X	-1.093	-1.093	0	%100
102	M103	Z	-.631	-.631	0	%100
103	M104	X	-1.093	-1.093	0	%100
104	M104	Z	-.631	-.631	0	%100
105	M105	X	-1.093	-1.093	0	%100
106	M105	Z	-.631	-.631	0	%100
107	M106	X	-1.093	-1.093	0	%100
108	M106	Z	-.631	-.631	0	%100
109	M107	X	-1.093	-1.093	0	%100
110	M107	Z	-.631	-.631	0	%100
111	M108	X	-1.093	-1.093	0	%100
112	M108	Z	-.631	-.631	0	%100
113	M109	X	-4.293	-4.293	0	%100
114	M109	Z	-2.478	-2.478	0	%100
115	M110	X	-17.171	-17.171	0	%100
116	M110	Z	-9.914	-9.914	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M12	X	-8.381	-8.381	0	%100
2	M12	Z	-14.516	-14.516	0	%100
3	M13	X	-8.381	-8.381	0	%100
4	M13	Z	-14.516	-14.516	0	%100
5	M7	X	-8.256	-8.256	0	%100
6	M7	Z	-14.301	-14.301	0	%100
7	M8	X	0	0	0	%100
8	M8	Z	0	0	0	%100
9	M9	X	-8.256	-8.256	0	%100
10	M9	Z	-14.301	-14.301	0	%100
11	M9A	X	-1.9e-5	-1.9e-5	0	%100
12	M9A	Z	-3.4e-5	-3.4e-5	0	%100
13	M10A	X	0	0	0	%100
14	M10A	Z	0	0	0	%100
15	M11A	X	-8.395	-8.395	0	%100
16	M11A	Z	-14.541	-14.541	0	%100
17	M12B	X	-8.37	-8.37	0	%100
18	M12B	Z	-14.496	-14.496	0	%100
19	M23	X	-.394	-.394	0	%100
20	M23	Z	-.683	-.683	0	%100
21	M16	X	-2.998	-2.998	0	%100
22	M16	Z	-5.193	-5.193	0	%100
23	MP2A	X	-3.997	-3.997	0	%100
24	MP2A	Z	-6.924	-6.924	0	%100
25	MP3A	X	-4.839	-4.839	0	%100
26	MP3A	Z	-8.381	-8.381	0	%100
27	MP4A	X	-3.997	-3.997	0	%100
28	MP4A	Z	-6.924	-6.924	0	%100
29	M26	X	0	0	0	%100
30	M26	Z	0	0	0	%100
31	MP2C	X	-4.839	-4.839	0	%100
32	MP2C	Z	-8.381	-8.381	0	%100
33	MP3C	X	-3.997	-3.997	0	%100
34	MP3C	Z	-6.924	-6.924	0	%100
35	M33	X	-2.998	-2.998	0	%100
36	M33	Z	-5.193	-5.193	0	%100
37	MP2B	X	-4.839	-4.839	0	%100
38	MP2B	Z	-8.381	-8.381	0	%100
39	MP3B	X	-3.997	-3.997	0	%100
40	MP3B	Z	-6.924	-6.924	0	%100
41	M40	X	-.907	-.907	0	%100
42	M40	Z	-1.572	-1.572	0	%100
43	M42A	X	-1.888	-1.888	0	%100
44	M42A	Z	-3.27	-3.27	0	%100
45	M43A	X	-.394	-.394	0	%100
46	M43A	Z	-.683	-.683	0	%100
47	M44	X	-.907	-.907	0	%100
48	M44	Z	-1.572	-1.572	0	%100
49	M48	X	-1.888	-1.888	0	%100
50	M48	Z	-3.27	-3.27	0	%100
51	MP1C	X	-3.997	-3.997	0	%100
52	MP1C	Z	-6.924	-6.924	0	%100
53	MP4B	X	-3.997	-3.997	0	%100
54	MP4B	Z	-6.924	-6.924	0	%100
55	M55	X	0	0	0	%100
56	M55	Z	0	0	0	%100
57	M56	X	-3.63	-3.63	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	M56	Z	-6.287	-6.287	0	%100
59	M60	X	0	0	0	%100
60	M60	Z	0	0	0	%100
61	M61	X	0	0	0	%100
62	M61	Z	0	0	0	%100
63	M62	X	-3.63	-3.63	0	%100
64	M62	Z	-6.287	-6.287	0	%100
65	M66	X	0	0	0	%100
66	M66	Z	0	0	0	%100
67	MP1B	X	-3.997	-3.997	0	%100
68	MP1B	Z	-6.924	-6.924	0	%100
69	MP5A	X	-3.997	-3.997	0	%100
70	MP5A	Z	-6.924	-6.924	0	%100
71	M73	X	-.394	-.394	0	%100
72	M73	Z	-.683	-.683	0	%100
73	M74	X	-.907	-.907	0	%100
74	M74	Z	-1.572	-1.572	0	%100
75	M78	X	-1.888	-1.888	0	%100
76	M78	Z	-3.27	-3.27	0	%100
77	M79	X	-.394	-.394	0	%100
78	M79	Z	-.683	-.683	0	%100
79	M80	X	-.907	-.907	0	%100
80	M80	Z	-1.572	-1.572	0	%100
81	M84	X	-1.888	-1.888	0	%100
82	M84	Z	-3.27	-3.27	0	%100
83	MP1A	X	-3.997	-3.997	0	%100
84	MP1A	Z	-6.924	-6.924	0	%100
85	MP4C	X	-3.997	-3.997	0	%100
86	MP4C	Z	-6.924	-6.924	0	%100
87	M97A	X	0	0	0	%100
88	M97A	Z	0	0	0	%100
89	M98A	X	-3.448	-3.448	0	%100
90	M98A	Z	-5.972	-5.972	0	%100
91	M99	X	-3.448	-3.448	0	%100
92	M99	Z	-5.972	-5.972	0	%100
93	M97B	X	-7.435	-7.435	0	%100
94	M97B	Z	-12.878	-12.878	0	%100
95	M98B	X	-8.899	-8.899	0	%100
96	M98B	Z	-15.413	-15.413	0	%100
97	M101	X	-5.61	-5.61	0	%100
98	M101	Z	-9.718	-9.718	0	%100
99	M102	X	-5.61	-5.61	0	%100
100	M102	Z	-9.718	-9.718	0	%100
101	M103	X	-.842	-.842	0	%100
102	M103	Z	-1.458	-1.458	0	%100
103	M104	X	-.842	-.842	0	%100
104	M104	Z	-1.458	-1.458	0	%100
105	M105	X	-.842	-.842	0	%100
106	M105	Z	-1.458	-1.458	0	%100
107	M106	X	-.842	-.842	0	%100
108	M106	Z	-1.458	-1.458	0	%100
109	M107	X	-.842	-.842	0	%100
110	M107	Z	-1.458	-1.458	0	%100
111	M108	X	-.842	-.842	0	%100
112	M108	Z	-1.458	-1.458	0	%100
113	M109	X	0	0	0	%100
114	M109	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[ft,%]	End Location[ft,%]
115	M110	X	-7.435	-7.435	0	%100
116	M110	Z	-12.878	-12.878	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M12	X	0	0	0	%100
2	M12	Z	-5.229	-5.229	0	%100
3	M13	X	0	0	0	%100
4	M13	Z	-5.229	-5.229	0	%100
5	M7	X	0	0	0	%100
6	M7	Z	-5.172	-5.172	0	%100
7	M8	X	0	0	0	%100
8	M8	Z	-1.293	-1.293	0	%100
9	M9	X	0	0	0	%100
10	M9	Z	-1.293	-1.293	0	%100
11	M9A	X	0	0	0	%100
12	M9A	Z	-1.301	-1.301	0	%100
13	M10A	X	0	0	0	%100
14	M10A	Z	-1.307	-1.307	0	%100
15	M11A	X	0	0	0	%100
16	M11A	Z	-1.313	-1.313	0	%100
17	M12B	X	0	0	0	%100
18	M12B	Z	-1.301	-1.301	0	%100
19	M23	X	0	0	0	%100
20	M23	Z	-1.013	-1.013	0	%100
21	M16	X	0	0	0	%100
22	M16	Z	-2.737	-2.737	0	%100
23	MP2A	X	0	0	0	%100
24	MP2A	Z	-2.737	-2.737	0	%100
25	MP3A	X	0	0	0	%100
26	MP3A	Z	-3.029	-3.029	0	%100
27	MP4A	X	0	0	0	%100
28	MP4A	Z	-2.737	-2.737	0	%100
29	M26	X	0	0	0	%100
30	M26	Z	-.684	-.684	0	%100
31	MP2C	X	0	0	0	%100
32	MP2C	Z	-3.029	-3.029	0	%100
33	MP3C	X	0	0	0	%100
34	MP3C	Z	-2.737	-2.737	0	%100
35	M33	X	0	0	0	%100
36	M33	Z	-.684	-.684	0	%100
37	MP2B	X	0	0	0	%100
38	MP2B	Z	-3.029	-3.029	0	%100
39	MP3B	X	0	0	0	%100
40	MP3B	Z	-2.737	-2.737	0	%100
41	M40	X	0	0	0	%100
42	M40	Z	0	0	0	%100
43	M42A	X	0	0	0	%100
44	M42A	Z	-1.745	-1.745	0	%100
45	M43A	X	0	0	0	%100
46	M43A	Z	-1.013	-1.013	0	%100
47	M44	X	0	0	0	%100
48	M44	Z	0	0	0	%100
49	M48	X	0	0	0	%100
50	M48	Z	-1.745	-1.745	0	%100
51	MP1C	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
52	MP1C	Z	-2.737	-2.737	0	%100
53	MP4B	X	0	0	0	%100
54	MP4B	Z	-2.737	-2.737	0	%100
55	M55	X	0	0	0	%100
56	M55	Z	-.253	-.253	0	%100
57	M56	X	0	0	0	%100
58	M56	Z	-1.689	-1.689	0	%100
59	M60	X	0	0	0	%100
60	M60	Z	-.436	-.436	0	%100
61	M61	X	0	0	0	%100
62	M61	Z	-.253	-.253	0	%100
63	M62	X	0	0	0	%100
64	M62	Z	-1.689	-1.689	0	%100
65	M66	X	0	0	0	%100
66	M66	Z	-.436	-.436	0	%100
67	MP1B	X	0	0	0	%100
68	MP1B	Z	-2.737	-2.737	0	%100
69	MP5A	X	0	0	0	%100
70	MP5A	Z	-2.737	-2.737	0	%100
71	M73	X	0	0	0	%100
72	M73	Z	-.253	-.253	0	%100
73	M74	X	0	0	0	%100
74	M74	Z	-1.689	-1.689	0	%100
75	M78	X	0	0	0	%100
76	M78	Z	-.436	-.436	0	%100
77	M79	X	0	0	0	%100
78	M79	Z	-.253	-.253	0	%100
79	M80	X	0	0	0	%100
80	M80	Z	-1.689	-1.689	0	%100
81	M84	X	0	0	0	%100
82	M84	Z	-.436	-.436	0	%100
83	MP1A	X	0	0	0	%100
84	MP1A	Z	-2.737	-2.737	0	%100
85	MP4C	X	0	0	0	%100
86	MP4C	Z	-2.737	-2.737	0	%100
87	M97A	X	0	0	0	%100
88	M97A	Z	-.614	-.614	0	%100
89	M98A	X	0	0	0	%100
90	M98A	Z	-.614	-.614	0	%100
91	M99	X	0	0	0	%100
92	M99	Z	-2.456	-2.456	0	%100
93	M97B	X	0	0	0	%100
94	M97B	Z	-4.568	-4.568	0	%100
95	M98B	X	0	0	0	%100
96	M98B	Z	-3.025	-3.025	0	%100
97	M101	X	0	0	0	%100
98	M101	Z	-3.297	-3.297	0	%100
99	M102	X	0	0	0	%100
100	M102	Z	-3.297	-3.297	0	%100
101	M103	X	0	0	0	%100
102	M103	Z	-.868	-.868	0	%100
103	M104	X	0	0	0	%100
104	M104	Z	-.868	-.868	0	%100
105	M105	X	0	0	0	%100
106	M105	Z	-.868	-.868	0	%100
107	M106	X	0	0	0	%100
108	M106	Z	-.868	-.868	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
109	M107	X	0	0	0	%100
110	M107	Z	-.868	-.868	0	%100
111	M108	X	0	0	0	%100
112	M108	Z	-.868	-.868	0	%100
113	M109	X	0	0	0	%100
114	M109	Z	-1.142	-1.142	0	%100
115	M110	X	0	0	0	%100
116	M110	Z	-1.142	-1.142	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M12	X	1.961	1.961	0	%100
2	M12	Z	-3.396	-3.396	0	%100
3	M13	X	1.961	1.961	0	%100
4	M13	Z	-3.396	-3.396	0	%100
5	M7	X	1.939	1.939	0	%100
6	M7	Z	-3.359	-3.359	0	%100
7	M8	X	1.939	1.939	0	%100
8	M8	Z	-3.359	-3.359	0	%100
9	M9	X	0	0	0	%100
10	M9	Z	0	0	0	%100
11	M9A	X	1.958	1.958	0	%100
12	M9A	Z	-3.392	-3.392	0	%100
13	M10A	X	1.961	1.961	0	%100
14	M10A	Z	-3.396	-3.396	0	%100
15	M11A	X	5e-6	5e-6	0	%100
16	M11A	Z	-8e-6	-8e-6	0	%100
17	M12B	X	5e-6	5e-6	0	%100
18	M12B	Z	-8e-6	-8e-6	0	%100
19	M23	X	.38	.38	0	%100
20	M23	Z	-.658	-.658	0	%100
21	M16	X	1.026	1.026	0	%100
22	M16	Z	-1.778	-1.778	0	%100
23	MP2A	X	1.369	1.369	0	%100
24	MP2A	Z	-2.37	-2.37	0	%100
25	MP3A	X	1.515	1.515	0	%100
26	MP3A	Z	-2.623	-2.623	0	%100
27	MP4A	X	1.369	1.369	0	%100
28	MP4A	Z	-2.37	-2.37	0	%100
29	M26	X	1.026	1.026	0	%100
30	M26	Z	-1.778	-1.778	0	%100
31	MP2C	X	1.515	1.515	0	%100
32	MP2C	Z	-2.623	-2.623	0	%100
33	MP3C	X	1.369	1.369	0	%100
34	MP3C	Z	-2.37	-2.37	0	%100
35	M33	X	0	0	0	%100
36	M33	Z	0	0	0	%100
37	MP2B	X	1.515	1.515	0	%100
38	MP2B	Z	-2.623	-2.623	0	%100
39	MP3B	X	1.369	1.369	0	%100
40	MP3B	Z	-2.37	-2.37	0	%100
41	M40	X	.282	.282	0	%100
42	M40	Z	-.488	-.488	0	%100
43	M42A	X	.654	.654	0	%100
44	M42A	Z	-1.133	-1.133	0	%100
45	M43A	X	.38	.38	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
46	M43A	Z	-.658	-.658	0	%100
47	M44	X	.282	.282	0	%100
48	M44	Z	-.488	-.488	0	%100
49	M48	X	.654	.654	0	%100
50	M48	Z	-1.133	-1.133	0	%100
51	MP1C	X	1.369	1.369	0	%100
52	MP1C	Z	-2.37	-2.37	0	%100
53	MP4B	X	1.369	1.369	0	%100
54	MP4B	Z	-2.37	-2.37	0	%100
55	M55	X	.38	.38	0	%100
56	M55	Z	-.658	-.658	0	%100
57	M56	X	.282	.282	0	%100
58	M56	Z	-.488	-.488	0	%100
59	M60	X	.654	.654	0	%100
60	M60	Z	-1.133	-1.133	0	%100
61	M61	X	.38	.38	0	%100
62	M61	Z	-.658	-.658	0	%100
63	M62	X	.282	.282	0	%100
64	M62	Z	-.488	-.488	0	%100
65	M66	X	.654	.654	0	%100
66	M66	Z	-1.133	-1.133	0	%100
67	MP1B	X	1.369	1.369	0	%100
68	MP1B	Z	-2.37	-2.37	0	%100
69	MP5A	X	1.369	1.369	0	%100
70	MP5A	Z	-2.37	-2.37	0	%100
71	M73	X	0	0	0	%100
72	M73	Z	0	0	0	%100
73	M74	X	1.126	1.126	0	%100
74	M74	Z	-1.951	-1.951	0	%100
75	M78	X	0	0	0	%100
76	M78	Z	0	0	0	%100
77	M79	X	0	0	0	%100
78	M79	Z	0	0	0	%100
79	M80	X	1.126	1.126	0	%100
80	M80	Z	-1.951	-1.951	0	%100
81	M84	X	0	0	0	%100
82	M84	Z	0	0	0	%100
83	MP1A	X	1.369	1.369	0	%100
84	MP1A	Z	-2.37	-2.37	0	%100
85	MP4C	X	1.369	1.369	0	%100
86	MP4C	Z	-2.37	-2.37	0	%100
87	M97A	X	.921	.921	0	%100
88	M97A	Z	-1.595	-1.595	0	%100
89	M98A	X	0	0	0	%100
90	M98A	Z	0	0	0	%100
91	M99	X	.921	.921	0	%100
92	M99	Z	-1.595	-1.595	0	%100
93	M97B	X	1.713	1.713	0	%100
94	M97B	Z	-2.967	-2.967	0	%100
95	M98B	X	.504	.504	0	%100
96	M98B	Z	-.873	-.873	0	%100
97	M101	X	1.649	1.649	0	%100
98	M101	Z	-2.855	-2.855	0	%100
99	M102	X	1.649	1.649	0	%100
100	M102	Z	-2.855	-2.855	0	%100
101	M103	X	.145	.145	0	%100
102	M103	Z	-.251	-.251	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
103	M104	X	.145	.145	0	%100
104	M104	Z	-.251	-.251	0	%100
105	M105	X	.145	.145	0	%100
106	M105	Z	-.251	-.251	0	%100
107	M106	X	.145	.145	0	%100
108	M106	Z	-.251	-.251	0	%100
109	M107	X	.145	.145	0	%100
110	M107	Z	-.251	-.251	0	%100
111	M108	X	.145	.145	0	%100
112	M108	Z	-.251	-.251	0	%100
113	M109	X	1.713	1.713	0	%100
114	M109	Z	-2.967	-2.967	0	%100
115	M110	X	0	0	0	%100
116	M110	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M12	X	1.132	1.132	0	%100
2	M12	Z	-.654	-.654	0	%100
3	M13	X	1.132	1.132	0	%100
4	M13	Z	-.654	-.654	0	%100
5	M7	X	1.12	1.12	0	%100
6	M7	Z	-.646	-.646	0	%100
7	M8	X	4.479	4.479	0	%100
8	M8	Z	-2.586	-2.586	0	%100
9	M9	X	1.12	1.12	0	%100
10	M9	Z	-.646	-.646	0	%100
11	M9A	X	4.529	4.529	0	%100
12	M9A	Z	-2.615	-2.615	0	%100
13	M10A	X	4.528	4.528	0	%100
14	M10A	Z	-2.615	-2.615	0	%100
15	M11A	X	1.127	1.127	0	%100
16	M11A	Z	-.651	-.651	0	%100
17	M12B	X	1.137	1.137	0	%100
18	M12B	Z	-.657	-.657	0	%100
19	M23	X	.219	.219	0	%100
20	M23	Z	-.127	-.127	0	%100
21	M16	X	.593	.593	0	%100
22	M16	Z	-.342	-.342	0	%100
23	MP2A	X	2.37	2.37	0	%100
24	MP2A	Z	-1.369	-1.369	0	%100
25	MP3A	X	2.623	2.623	0	%100
26	MP3A	Z	-1.515	-1.515	0	%100
27	MP4A	X	2.37	2.37	0	%100
28	MP4A	Z	-1.369	-1.369	0	%100
29	M26	X	2.37	2.37	0	%100
30	M26	Z	-1.369	-1.369	0	%100
31	MP2C	X	2.623	2.623	0	%100
32	MP2C	Z	-1.515	-1.515	0	%100
33	MP3C	X	2.37	2.37	0	%100
34	MP3C	Z	-1.369	-1.369	0	%100
35	M33	X	.593	.593	0	%100
36	M33	Z	-.342	-.342	0	%100
37	MP2B	X	2.623	2.623	0	%100
38	MP2B	Z	-1.515	-1.515	0	%100
39	MP3B	X	2.37	2.37	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
40	MP3B	Z	-1.369	-1.369	0	%100
41	M40	X	1.463	1.463	0	%100
42	M40	Z	-.845	-.845	0	%100
43	M42A	X	.378	.378	0	%100
44	M42A	Z	-.218	-.218	0	%100
45	M43A	X	.219	.219	0	%100
46	M43A	Z	-.127	-.127	0	%100
47	M44	X	1.463	1.463	0	%100
48	M44	Z	-.845	-.845	0	%100
49	M48	X	.378	.378	0	%100
50	M48	Z	-.218	-.218	0	%100
51	MP1C	X	2.37	2.37	0	%100
52	MP1C	Z	-1.369	-1.369	0	%100
53	MP4B	X	2.37	2.37	0	%100
54	MP4B	Z	-1.369	-1.369	0	%100
55	M55	X	.877	.877	0	%100
56	M55	Z	-.506	-.506	0	%100
57	M56	X	0	0	0	%100
58	M56	Z	0	0	0	%100
59	M60	X	1.511	1.511	0	%100
60	M60	Z	-.872	-.872	0	%100
61	M61	X	.877	.877	0	%100
62	M61	Z	-.506	-.506	0	%100
63	M62	X	0	0	0	%100
64	M62	Z	0	0	0	%100
65	M66	X	1.511	1.511	0	%100
66	M66	Z	-.872	-.872	0	%100
67	MP1B	X	2.37	2.37	0	%100
68	MP1B	Z	-1.369	-1.369	0	%100
69	MP5A	X	2.37	2.37	0	%100
70	MP5A	Z	-1.369	-1.369	0	%100
71	M73	X	.219	.219	0	%100
72	M73	Z	-.127	-.127	0	%100
73	M74	X	1.463	1.463	0	%100
74	M74	Z	-.845	-.845	0	%100
75	M78	X	.378	.378	0	%100
76	M78	Z	-.218	-.218	0	%100
77	M79	X	.219	.219	0	%100
78	M79	Z	-.127	-.127	0	%100
79	M80	X	1.463	1.463	0	%100
80	M80	Z	-.845	-.845	0	%100
81	M84	X	.378	.378	0	%100
82	M84	Z	-.218	-.218	0	%100
83	MP1A	X	2.37	2.37	0	%100
84	MP1A	Z	-1.369	-1.369	0	%100
85	MP4C	X	2.37	2.37	0	%100
86	MP4C	Z	-1.369	-1.369	0	%100
87	M97A	X	2.127	2.127	0	%100
88	M97A	Z	-1.228	-1.228	0	%100
89	M98A	X	.532	.532	0	%100
90	M98A	Z	-.307	-.307	0	%100
91	M99	X	.532	.532	0	%100
92	M99	Z	-.307	-.307	0	%100
93	M97B	X	.989	.989	0	%100
94	M97B	Z	-.571	-.571	0	%100
95	M98B	X	0	0	0	%100
96	M98B	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
97	M101	X	2.855	2.855	0	%100
98	M101	Z	-1.649	-1.649	0	%100
99	M102	X	2.855	2.855	0	%100
100	M102	Z	-1.649	-1.649	0	%100
101	M103	X	0	0	0	%100
102	M103	Z	0	0	0	%100
103	M104	X	0	0	0	%100
104	M104	Z	0	0	0	%100
105	M105	X	0	0	0	%100
106	M105	Z	0	0	0	%100
107	M106	X	0	0	0	%100
108	M106	Z	0	0	0	%100
109	M107	X	0	0	0	%100
110	M107	Z	0	0	0	%100
111	M108	X	0	0	0	%100
112	M108	Z	0	0	0	%100
113	M109	X	3.956	3.956	0	%100
114	M109	Z	-2.284	-2.284	0	%100
115	M110	X	.989	.989	0	%100
116	M110	Z	-.571	-.571	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M12	X	0	0	0	%100
2	M12	Z	0	0	0	%100
3	M13	X	0	0	0	%100
4	M13	Z	0	0	0	%100
5	M7	X	0	0	0	%100
6	M7	Z	0	0	0	%100
7	M8	X	3.879	3.879	0	%100
8	M8	Z	0	0	0	%100
9	M9	X	3.879	3.879	0	%100
10	M9	Z	0	0	0	%100
11	M9A	X	3.928	3.928	0	%100
12	M9A	Z	0	0	0	%100
13	M10A	X	3.922	3.922	0	%100
14	M10A	Z	0	0	0	%100
15	M11A	X	3.916	3.916	0	%100
16	M11A	Z	0	0	0	%100
17	M12B	X	3.928	3.928	0	%100
18	M12B	Z	0	0	0	%100
19	M23	X	0	0	0	%100
20	M23	Z	0	0	0	%100
21	M16	X	0	0	0	%100
22	M16	Z	0	0	0	%100
23	MP2A	X	2.737	2.737	0	%100
24	MP2A	Z	0	0	0	%100
25	MP3A	X	3.029	3.029	0	%100
26	MP3A	Z	0	0	0	%100
27	MP4A	X	2.737	2.737	0	%100
28	MP4A	Z	0	0	0	%100
29	M26	X	2.053	2.053	0	%100
30	M26	Z	0	0	0	%100
31	MP2C	X	3.029	3.029	0	%100
32	MP2C	Z	0	0	0	%100
33	MP3C	X	2.737	2.737	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
34	MP3C	Z	0	0	0	%100
35	M33	X	2.053	2.053	0	%100
36	M33	Z	0	0	0	%100
37	MP2B	X	3.029	3.029	0	%100
38	MP2B	Z	0	0	0	%100
39	MP3B	X	2.737	2.737	0	%100
40	MP3B	Z	0	0	0	%100
41	M40	X	2.253	2.253	0	%100
42	M40	Z	0	0	0	%100
43	M42A	X	0	0	0	%100
44	M42A	Z	0	0	0	%100
45	M43A	X	0	0	0	%100
46	M43A	Z	0	0	0	%100
47	M44	X	2.253	2.253	0	%100
48	M44	Z	0	0	0	%100
49	M48	X	0	0	0	%100
50	M48	Z	0	0	0	%100
51	MP1C	X	2.737	2.737	0	%100
52	MP1C	Z	0	0	0	%100
53	MP4B	X	2.737	2.737	0	%100
54	MP4B	Z	0	0	0	%100
55	M55	X	.76	.76	0	%100
56	M55	Z	0	0	0	%100
57	M56	X	.563	.563	0	%100
58	M56	Z	0	0	0	%100
59	M60	X	1.308	1.308	0	%100
60	M60	Z	0	0	0	%100
61	M61	X	.76	.76	0	%100
62	M61	Z	0	0	0	%100
63	M62	X	.563	.563	0	%100
64	M62	Z	0	0	0	%100
65	M66	X	1.308	1.308	0	%100
66	M66	Z	0	0	0	%100
67	MP1B	X	2.737	2.737	0	%100
68	MP1B	Z	0	0	0	%100
69	MP5A	X	2.737	2.737	0	%100
70	MP5A	Z	0	0	0	%100
71	M73	X	.76	.76	0	%100
72	M73	Z	0	0	0	%100
73	M74	X	.563	.563	0	%100
74	M74	Z	0	0	0	%100
75	M78	X	1.308	1.308	0	%100
76	M78	Z	0	0	0	%100
77	M79	X	.76	.76	0	%100
78	M79	Z	0	0	0	%100
79	M80	X	.563	.563	0	%100
80	M80	Z	0	0	0	%100
81	M84	X	1.308	1.308	0	%100
82	M84	Z	0	0	0	%100
83	MP1A	X	2.737	2.737	0	%100
84	MP1A	Z	0	0	0	%100
85	MP4C	X	2.737	2.737	0	%100
86	MP4C	Z	0	0	0	%100
87	M97A	X	1.842	1.842	0	%100
88	M97A	Z	0	0	0	%100
89	M98A	X	1.842	1.842	0	%100
90	M98A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
91	M99	X	0	0	0	%100
92	M99	Z	0	0	0	%100
93	M97B	X	0	0	0	%100
94	M97B	Z	0	0	0	%100
95	M98B	X	1.008	1.008	0	%100
96	M98B	Z	0	0	0	%100
97	M101	X	3.297	3.297	0	%100
98	M101	Z	0	0	0	%100
99	M102	X	3.297	3.297	0	%100
100	M102	Z	0	0	0	%100
101	M103	X	.289	.289	0	%100
102	M103	Z	0	0	0	%100
103	M104	X	.289	.289	0	%100
104	M104	Z	0	0	0	%100
105	M105	X	.289	.289	0	%100
106	M105	Z	0	0	0	%100
107	M106	X	.289	.289	0	%100
108	M106	Z	0	0	0	%100
109	M107	X	.289	.289	0	%100
110	M107	Z	0	0	0	%100
111	M108	X	.289	.289	0	%100
112	M108	Z	0	0	0	%100
113	M109	X	3.426	3.426	0	%100
114	M109	Z	0	0	0	%100
115	M110	X	3.426	3.426	0	%100
116	M110	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M12	X	1.132	1.132	0	%100
2	M12	Z	.654	.654	0	%100
3	M13	X	1.132	1.132	0	%100
4	M13	Z	.654	.654	0	%100
5	M7	X	1.12	1.12	0	%100
6	M7	Z	.646	.646	0	%100
7	M8	X	1.12	1.12	0	%100
8	M8	Z	.646	.646	0	%100
9	M9	X	4.479	4.479	0	%100
10	M9	Z	2.586	2.586	0	%100
11	M9A	X	1.137	1.137	0	%100
12	M9A	Z	.657	.657	0	%100
13	M10A	X	1.132	1.132	0	%100
14	M10A	Z	.654	.654	0	%100
15	M11A	X	4.529	4.529	0	%100
16	M11A	Z	2.615	2.615	0	%100
17	M12B	X	4.529	4.529	0	%100
18	M12B	Z	2.615	2.615	0	%100
19	M23	X	.219	.219	0	%100
20	M23	Z	.127	.127	0	%100
21	M16	X	.593	.593	0	%100
22	M16	Z	.342	.342	0	%100
23	MP2A	X	2.37	2.37	0	%100
24	MP2A	Z	1.369	1.369	0	%100
25	MP3A	X	2.623	2.623	0	%100
26	MP3A	Z	1.515	1.515	0	%100
27	MP4A	X	2.37	2.37	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
28	MP4A	Z	1.369	1.369	0	%100
29	M26	X	.593	.593	0	%100
30	M26	Z	.342	.342	0	%100
31	MP2C	X	2.623	2.623	0	%100
32	MP2C	Z	1.515	1.515	0	%100
33	MP3C	X	2.37	2.37	0	%100
34	MP3C	Z	1.369	1.369	0	%100
35	M33	X	2.37	2.37	0	%100
36	M33	Z	1.369	1.369	0	%100
37	MP2B	X	2.623	2.623	0	%100
38	MP2B	Z	1.515	1.515	0	%100
39	MP3B	X	2.37	2.37	0	%100
40	MP3B	Z	1.369	1.369	0	%100
41	M40	X	1.463	1.463	0	%100
42	M40	Z	.845	.845	0	%100
43	M42A	X	.378	.378	0	%100
44	M42A	Z	.218	.218	0	%100
45	M43A	X	.219	.219	0	%100
46	M43A	Z	.127	.127	0	%100
47	M44	X	1.463	1.463	0	%100
48	M44	Z	.845	.845	0	%100
49	M48	X	.378	.378	0	%100
50	M48	Z	.218	.218	0	%100
51	MP1C	X	2.37	2.37	0	%100
52	MP1C	Z	1.369	1.369	0	%100
53	MP4B	X	2.37	2.37	0	%100
54	MP4B	Z	1.369	1.369	0	%100
55	M55	X	.219	.219	0	%100
56	M55	Z	.127	.127	0	%100
57	M56	X	1.463	1.463	0	%100
58	M56	Z	.845	.845	0	%100
59	M60	X	.378	.378	0	%100
60	M60	Z	.218	.218	0	%100
61	M61	X	.219	.219	0	%100
62	M61	Z	.127	.127	0	%100
63	M62	X	1.463	1.463	0	%100
64	M62	Z	.845	.845	0	%100
65	M66	X	.378	.378	0	%100
66	M66	Z	.218	.218	0	%100
67	MP1B	X	2.37	2.37	0	%100
68	MP1B	Z	1.369	1.369	0	%100
69	MP5A	X	2.37	2.37	0	%100
70	MP5A	Z	1.369	1.369	0	%100
71	M73	X	.877	.877	0	%100
72	M73	Z	.506	.506	0	%100
73	M74	X	0	0	0	%100
74	M74	Z	0	0	0	%100
75	M78	X	1.511	1.511	0	%100
76	M78	Z	.872	.872	0	%100
77	M79	X	.877	.877	0	%100
78	M79	Z	.506	.506	0	%100
79	M80	X	0	0	0	%100
80	M80	Z	0	0	0	%100
81	M84	X	1.511	1.511	0	%100
82	M84	Z	.872	.872	0	%100
83	MP1A	X	2.37	2.37	0	%100
84	MP1A	Z	1.369	1.369	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
85	MP4C	X	2.37	2.37	0	%100
86	MP4C	Z	1.369	1.369	0	%100
87	M97A	X	.532	.532	0	%100
88	M97A	Z	.307	.307	0	%100
89	M98A	X	2.127	2.127	0	%100
90	M98A	Z	1.228	1.228	0	%100
91	M99	X	.532	.532	0	%100
92	M99	Z	.307	.307	0	%100
93	M97B	X	.989	.989	0	%100
94	M97B	Z	.571	.571	0	%100
95	M98B	X	2.62	2.62	0	%100
96	M98B	Z	1.513	1.513	0	%100
97	M101	X	2.855	2.855	0	%100
98	M101	Z	1.649	1.649	0	%100
99	M102	X	2.855	2.855	0	%100
100	M102	Z	1.649	1.649	0	%100
101	M103	X	.752	.752	0	%100
102	M103	Z	.434	.434	0	%100
103	M104	X	.752	.752	0	%100
104	M104	Z	.434	.434	0	%100
105	M105	X	.752	.752	0	%100
106	M105	Z	.434	.434	0	%100
107	M106	X	.752	.752	0	%100
108	M106	Z	.434	.434	0	%100
109	M107	X	.752	.752	0	%100
110	M107	Z	.434	.434	0	%100
111	M108	X	.752	.752	0	%100
112	M108	Z	.434	.434	0	%100
113	M109	X	.989	.989	0	%100
114	M109	Z	.571	.571	0	%100
115	M110	X	3.956	3.956	0	%100
116	M110	Z	2.284	2.284	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M12	X	1.961	1.961	0	%100
2	M12	Z	3.396	3.396	0	%100
3	M13	X	1.961	1.961	0	%100
4	M13	Z	3.396	3.396	0	%100
5	M7	X	1.939	1.939	0	%100
6	M7	Z	3.359	3.359	0	%100
7	M8	X	0	0	0	%100
8	M8	Z	0	0	0	%100
9	M9	X	1.939	1.939	0	%100
10	M9	Z	3.359	3.359	0	%100
11	M9A	X	5e-6	5e-6	0	%100
12	M9A	Z	8e-6	8e-6	0	%100
13	M10A	X	0	0	0	%100
14	M10A	Z	0	0	0	%100
15	M11A	X	1.964	1.964	0	%100
16	M11A	Z	3.402	3.402	0	%100
17	M12B	X	1.958	1.958	0	%100
18	M12B	Z	3.392	3.392	0	%100
19	M23	X	.38	.38	0	%100
20	M23	Z	.658	.658	0	%100
21	M16	X	1.026	1.026	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
22	M16	Z	1.778	1.778	0	%100
23	MP2A	X	1.369	1.369	0	%100
24	MP2A	Z	2.37	2.37	0	%100
25	MP3A	X	1.515	1.515	0	%100
26	MP3A	Z	2.623	2.623	0	%100
27	MP4A	X	1.369	1.369	0	%100
28	MP4A	Z	2.37	2.37	0	%100
29	M26	X	0	0	0	%100
30	M26	Z	0	0	0	%100
31	MP2C	X	1.515	1.515	0	%100
32	MP2C	Z	2.623	2.623	0	%100
33	MP3C	X	1.369	1.369	0	%100
34	MP3C	Z	2.37	2.37	0	%100
35	M33	X	1.026	1.026	0	%100
36	M33	Z	1.778	1.778	0	%100
37	MP2B	X	1.515	1.515	0	%100
38	MP2B	Z	2.623	2.623	0	%100
39	MP3B	X	1.369	1.369	0	%100
40	MP3B	Z	2.37	2.37	0	%100
41	M40	X	.282	.282	0	%100
42	M40	Z	.488	.488	0	%100
43	M42A	X	.654	.654	0	%100
44	M42A	Z	1.133	1.133	0	%100
45	M43A	X	.38	.38	0	%100
46	M43A	Z	.658	.658	0	%100
47	M44	X	.282	.282	0	%100
48	M44	Z	.488	.488	0	%100
49	M48	X	.654	.654	0	%100
50	M48	Z	1.133	1.133	0	%100
51	MP1C	X	1.369	1.369	0	%100
52	MP1C	Z	2.37	2.37	0	%100
53	MP4B	X	1.369	1.369	0	%100
54	MP4B	Z	2.37	2.37	0	%100
55	M55	X	0	0	0	%100
56	M55	Z	0	0	0	%100
57	M56	X	1.126	1.126	0	%100
58	M56	Z	1.951	1.951	0	%100
59	M60	X	0	0	0	%100
60	M60	Z	0	0	0	%100
61	M61	X	0	0	0	%100
62	M61	Z	0	0	0	%100
63	M62	X	1.126	1.126	0	%100
64	M62	Z	1.951	1.951	0	%100
65	M66	X	0	0	0	%100
66	M66	Z	0	0	0	%100
67	MP1B	X	1.369	1.369	0	%100
68	MP1B	Z	2.37	2.37	0	%100
69	MP5A	X	1.369	1.369	0	%100
70	MP5A	Z	2.37	2.37	0	%100
71	M73	X	.38	.38	0	%100
72	M73	Z	.658	.658	0	%100
73	M74	X	.282	.282	0	%100
74	M74	Z	.488	.488	0	%100
75	M78	X	.654	.654	0	%100
76	M78	Z	1.133	1.133	0	%100
77	M79	X	.38	.38	0	%100
78	M79	Z	.658	.658	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
79	M80	X	.282	.282	0	%100
80	M80	Z	.488	.488	0	%100
81	M84	X	.654	.654	0	%100
82	M84	Z	1.133	1.133	0	%100
83	MP1A	X	1.369	1.369	0	%100
84	MP1A	Z	2.37	2.37	0	%100
85	MP4C	X	1.369	1.369	0	%100
86	MP4C	Z	2.37	2.37	0	%100
87	M97A	X	0	0	0	%100
88	M97A	Z	0	0	0	%100
89	M98A	X	.921	.921	0	%100
90	M98A	Z	1.595	1.595	0	%100
91	M99	X	.921	.921	0	%100
92	M99	Z	1.595	1.595	0	%100
93	M97B	X	1.713	1.713	0	%100
94	M97B	Z	2.967	2.967	0	%100
95	M98B	X	2.017	2.017	0	%100
96	M98B	Z	3.493	3.493	0	%100
97	M101	X	1.649	1.649	0	%100
98	M101	Z	2.855	2.855	0	%100
99	M102	X	1.649	1.649	0	%100
100	M102	Z	2.855	2.855	0	%100
101	M103	X	.579	.579	0	%100
102	M103	Z	1.002	1.002	0	%100
103	M104	X	.579	.579	0	%100
104	M104	Z	1.002	1.002	0	%100
105	M105	X	.579	.579	0	%100
106	M105	Z	1.002	1.002	0	%100
107	M106	X	.579	.579	0	%100
108	M106	Z	1.002	1.002	0	%100
109	M107	X	.579	.579	0	%100
110	M107	Z	1.002	1.002	0	%100
111	M108	X	.579	.579	0	%100
112	M108	Z	1.002	1.002	0	%100
113	M109	X	0	0	0	%100
114	M109	Z	0	0	0	%100
115	M110	X	1.713	1.713	0	%100
116	M110	Z	2.967	2.967	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M12	X	0	0	0	%100
2	M12	Z	5.229	5.229	0	%100
3	M13	X	0	0	0	%100
4	M13	Z	5.229	5.229	0	%100
5	M7	X	0	0	0	%100
6	M7	Z	5.172	5.172	0	%100
7	M8	X	0	0	0	%100
8	M8	Z	1.293	1.293	0	%100
9	M9	X	0	0	0	%100
10	M9	Z	1.293	1.293	0	%100
11	M9A	X	0	0	0	%100
12	M9A	Z	1.301	1.301	0	%100
13	M10A	X	0	0	0	%100
14	M10A	Z	1.307	1.307	0	%100
15	M11A	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
16	M11A	Z	1.313	1.313	0	%100
17	M12B	X	0	0	0	%100
18	M12B	Z	1.301	1.301	0	%100
19	M23	X	0	0	0	%100
20	M23	Z	1.013	1.013	0	%100
21	M16	X	0	0	0	%100
22	M16	Z	2.737	2.737	0	%100
23	MP2A	X	0	0	0	%100
24	MP2A	Z	2.737	2.737	0	%100
25	MP3A	X	0	0	0	%100
26	MP3A	Z	3.029	3.029	0	%100
27	MP4A	X	0	0	0	%100
28	MP4A	Z	2.737	2.737	0	%100
29	M26	X	0	0	0	%100
30	M26	Z	.684	.684	0	%100
31	MP2C	X	0	0	0	%100
32	MP2C	Z	3.029	3.029	0	%100
33	MP3C	X	0	0	0	%100
34	MP3C	Z	2.737	2.737	0	%100
35	M33	X	0	0	0	%100
36	M33	Z	.684	.684	0	%100
37	MP2B	X	0	0	0	%100
38	MP2B	Z	3.029	3.029	0	%100
39	MP3B	X	0	0	0	%100
40	MP3B	Z	2.737	2.737	0	%100
41	M40	X	0	0	0	%100
42	M40	Z	0	0	0	%100
43	M42A	X	0	0	0	%100
44	M42A	Z	1.745	1.745	0	%100
45	M43A	X	0	0	0	%100
46	M43A	Z	1.013	1.013	0	%100
47	M44	X	0	0	0	%100
48	M44	Z	0	0	0	%100
49	M48	X	0	0	0	%100
50	M48	Z	1.745	1.745	0	%100
51	MP1C	X	0	0	0	%100
52	MP1C	Z	2.737	2.737	0	%100
53	MP4B	X	0	0	0	%100
54	MP4B	Z	2.737	2.737	0	%100
55	M55	X	0	0	0	%100
56	M55	Z	.253	.253	0	%100
57	M56	X	0	0	0	%100
58	M56	Z	1.689	1.689	0	%100
59	M60	X	0	0	0	%100
60	M60	Z	.436	.436	0	%100
61	M61	X	0	0	0	%100
62	M61	Z	.253	.253	0	%100
63	M62	X	0	0	0	%100
64	M62	Z	1.689	1.689	0	%100
65	M66	X	0	0	0	%100
66	M66	Z	.436	.436	0	%100
67	MP1B	X	0	0	0	%100
68	MP1B	Z	2.737	2.737	0	%100
69	MP5A	X	0	0	0	%100
70	MP5A	Z	2.737	2.737	0	%100
71	M73	X	0	0	0	%100
72	M73	Z	.253	.253	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
73	M74	X	0	0	0	%100
74	M74	Z	1.689	1.689	0	%100
75	M78	X	0	0	0	%100
76	M78	Z	.436	.436	0	%100
77	M79	X	0	0	0	%100
78	M79	Z	.253	.253	0	%100
79	M80	X	0	0	0	%100
80	M80	Z	1.689	1.689	0	%100
81	M84	X	0	0	0	%100
82	M84	Z	.436	.436	0	%100
83	MP1A	X	0	0	0	%100
84	MP1A	Z	2.737	2.737	0	%100
85	MP4C	X	0	0	0	%100
86	MP4C	Z	2.737	2.737	0	%100
87	M97A	X	0	0	0	%100
88	M97A	Z	.614	.614	0	%100
89	M98A	X	0	0	0	%100
90	M98A	Z	.614	.614	0	%100
91	M99	X	0	0	0	%100
92	M99	Z	2.456	2.456	0	%100
93	M97B	X	0	0	0	%100
94	M97B	Z	4.568	4.568	0	%100
95	M98B	X	0	0	0	%100
96	M98B	Z	3.025	3.025	0	%100
97	M101	X	0	0	0	%100
98	M101	Z	3.297	3.297	0	%100
99	M102	X	0	0	0	%100
100	M102	Z	3.297	3.297	0	%100
101	M103	X	0	0	0	%100
102	M103	Z	.868	.868	0	%100
103	M104	X	0	0	0	%100
104	M104	Z	.868	.868	0	%100
105	M105	X	0	0	0	%100
106	M105	Z	.868	.868	0	%100
107	M106	X	0	0	0	%100
108	M106	Z	.868	.868	0	%100
109	M107	X	0	0	0	%100
110	M107	Z	.868	.868	0	%100
111	M108	X	0	0	0	%100
112	M108	Z	.868	.868	0	%100
113	M109	X	0	0	0	%100
114	M109	Z	1.142	1.142	0	%100
115	M110	X	0	0	0	%100
116	M110	Z	1.142	1.142	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M12	X	-1.961	-1.961	0	%100
2	M12	Z	3.396	3.396	0	%100
3	M13	X	-1.961	-1.961	0	%100
4	M13	Z	3.396	3.396	0	%100
5	M7	X	-1.939	-1.939	0	%100
6	M7	Z	3.359	3.359	0	%100
7	M8	X	-1.939	-1.939	0	%100
8	M8	Z	3.359	3.359	0	%100
9	M9	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[ft,%]	End Location[ft,%]
10	M9	Z	0	0	0	%100
11	M9A	X	-1.958	-1.958	0	%100
12	M9A	Z	3.392	3.392	0	%100
13	M10A	X	-1.961	-1.961	0	%100
14	M10A	Z	3.396	3.396	0	%100
15	M11A	X	-5e-6	-5e-6	0	%100
16	M11A	Z	8e-6	8e-6	0	%100
17	M12B	X	-5e-6	-5e-6	0	%100
18	M12B	Z	8e-6	8e-6	0	%100
19	M23	X	-.38	-.38	0	%100
20	M23	Z	.658	.658	0	%100
21	M16	X	-1.026	-1.026	0	%100
22	M16	Z	1.778	1.778	0	%100
23	MP2A	X	-1.369	-1.369	0	%100
24	MP2A	Z	2.37	2.37	0	%100
25	MP3A	X	-1.515	-1.515	0	%100
26	MP3A	Z	2.623	2.623	0	%100
27	MP4A	X	-1.369	-1.369	0	%100
28	MP4A	Z	2.37	2.37	0	%100
29	M26	X	-1.026	-1.026	0	%100
30	M26	Z	1.778	1.778	0	%100
31	MP2C	X	-1.515	-1.515	0	%100
32	MP2C	Z	2.623	2.623	0	%100
33	MP3C	X	-1.369	-1.369	0	%100
34	MP3C	Z	2.37	2.37	0	%100
35	M33	X	0	0	0	%100
36	M33	Z	0	0	0	%100
37	MP2B	X	-1.515	-1.515	0	%100
38	MP2B	Z	2.623	2.623	0	%100
39	MP3B	X	-1.369	-1.369	0	%100
40	MP3B	Z	2.37	2.37	0	%100
41	M40	X	-.282	-.282	0	%100
42	M40	Z	.488	.488	0	%100
43	M42A	X	-.654	-.654	0	%100
44	M42A	Z	1.133	1.133	0	%100
45	M43A	X	-.38	-.38	0	%100
46	M43A	Z	.658	.658	0	%100
47	M44	X	-.282	-.282	0	%100
48	M44	Z	.488	.488	0	%100
49	M48	X	-.654	-.654	0	%100
50	M48	Z	1.133	1.133	0	%100
51	MP1C	X	-1.369	-1.369	0	%100
52	MP1C	Z	2.37	2.37	0	%100
53	MP4B	X	-1.369	-1.369	0	%100
54	MP4B	Z	2.37	2.37	0	%100
55	M55	X	-.38	-.38	0	%100
56	M55	Z	.658	.658	0	%100
57	M56	X	-.282	-.282	0	%100
58	M56	Z	.488	.488	0	%100
59	M60	X	-.654	-.654	0	%100
60	M60	Z	1.133	1.133	0	%100
61	M61	X	-.38	-.38	0	%100
62	M61	Z	.658	.658	0	%100
63	M62	X	-.282	-.282	0	%100
64	M62	Z	.488	.488	0	%100
65	M66	X	-.654	-.654	0	%100
66	M66	Z	1.133	1.133	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
67	MP1B	X	-1.369	-1.369	0	%100
68	MP1B	Z	2.37	2.37	0	%100
69	MP5A	X	-1.369	-1.369	0	%100
70	MP5A	Z	2.37	2.37	0	%100
71	M73	X	0	0	0	%100
72	M73	Z	0	0	0	%100
73	M74	X	-1.126	-1.126	0	%100
74	M74	Z	1.951	1.951	0	%100
75	M78	X	0	0	0	%100
76	M78	Z	0	0	0	%100
77	M79	X	0	0	0	%100
78	M79	Z	0	0	0	%100
79	M80	X	-1.126	-1.126	0	%100
80	M80	Z	1.951	1.951	0	%100
81	M84	X	0	0	0	%100
82	M84	Z	0	0	0	%100
83	MP1A	X	-1.369	-1.369	0	%100
84	MP1A	Z	2.37	2.37	0	%100
85	MP4C	X	-1.369	-1.369	0	%100
86	MP4C	Z	2.37	2.37	0	%100
87	M97A	X	-.921	-.921	0	%100
88	M97A	Z	1.595	1.595	0	%100
89	M98A	X	0	0	0	%100
90	M98A	Z	0	0	0	%100
91	M99	X	-.921	-.921	0	%100
92	M99	Z	1.595	1.595	0	%100
93	M97B	X	-1.713	-1.713	0	%100
94	M97B	Z	2.967	2.967	0	%100
95	M98B	X	-.504	-.504	0	%100
96	M98B	Z	.873	.873	0	%100
97	M101	X	-1.649	-1.649	0	%100
98	M101	Z	2.855	2.855	0	%100
99	M102	X	-1.649	-1.649	0	%100
100	M102	Z	2.855	2.855	0	%100
101	M103	X	-.145	-.145	0	%100
102	M103	Z	.251	.251	0	%100
103	M104	X	-.145	-.145	0	%100
104	M104	Z	.251	.251	0	%100
105	M105	X	-.145	-.145	0	%100
106	M105	Z	.251	.251	0	%100
107	M106	X	-.145	-.145	0	%100
108	M106	Z	.251	.251	0	%100
109	M107	X	-.145	-.145	0	%100
110	M107	Z	.251	.251	0	%100
111	M108	X	-.145	-.145	0	%100
112	M108	Z	.251	.251	0	%100
113	M109	X	-1.713	-1.713	0	%100
114	M109	Z	2.967	2.967	0	%100
115	M110	X	0	0	0	%100
116	M110	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M12	X	-1.132	-1.132	0	%100
2	M12	Z	.654	.654	0	%100
3	M13	X	-1.132	-1.132	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
4	M13	Z	.654	.654	0	%100
5	M7	X	-1.12	-1.12	0	%100
6	M7	Z	.646	.646	0	%100
7	M8	X	-4.479	-4.479	0	%100
8	M8	Z	2.586	2.586	0	%100
9	M9	X	-1.12	-1.12	0	%100
10	M9	Z	.646	.646	0	%100
11	M9A	X	-4.529	-4.529	0	%100
12	M9A	Z	2.615	2.615	0	%100
13	M10A	X	-4.528	-4.528	0	%100
14	M10A	Z	2.615	2.615	0	%100
15	M11A	X	-1.127	-1.127	0	%100
16	M11A	Z	.651	.651	0	%100
17	M12B	X	-1.137	-1.137	0	%100
18	M12B	Z	.657	.657	0	%100
19	M23	X	-.219	-.219	0	%100
20	M23	Z	.127	.127	0	%100
21	M16	X	-.593	-.593	0	%100
22	M16	Z	.342	.342	0	%100
23	MP2A	X	-2.37	-2.37	0	%100
24	MP2A	Z	1.369	1.369	0	%100
25	MP3A	X	-2.623	-2.623	0	%100
26	MP3A	Z	1.515	1.515	0	%100
27	MP4A	X	-2.37	-2.37	0	%100
28	MP4A	Z	1.369	1.369	0	%100
29	M26	X	-2.37	-2.37	0	%100
30	M26	Z	1.369	1.369	0	%100
31	MP2C	X	-2.623	-2.623	0	%100
32	MP2C	Z	1.515	1.515	0	%100
33	MP3C	X	-2.37	-2.37	0	%100
34	MP3C	Z	1.369	1.369	0	%100
35	M33	X	-.593	-.593	0	%100
36	M33	Z	.342	.342	0	%100
37	MP2B	X	-2.623	-2.623	0	%100
38	MP2B	Z	1.515	1.515	0	%100
39	MP3B	X	-2.37	-2.37	0	%100
40	MP3B	Z	1.369	1.369	0	%100
41	M40	X	-1.463	-1.463	0	%100
42	M40	Z	.845	.845	0	%100
43	M42A	X	-.378	-.378	0	%100
44	M42A	Z	.218	.218	0	%100
45	M43A	X	-.219	-.219	0	%100
46	M43A	Z	.127	.127	0	%100
47	M44	X	-1.463	-1.463	0	%100
48	M44	Z	.845	.845	0	%100
49	M48	X	-.378	-.378	0	%100
50	M48	Z	.218	.218	0	%100
51	MP1C	X	-2.37	-2.37	0	%100
52	MP1C	Z	1.369	1.369	0	%100
53	MP4B	X	-2.37	-2.37	0	%100
54	MP4B	Z	1.369	1.369	0	%100
55	M55	X	-.877	-.877	0	%100
56	M55	Z	.506	.506	0	%100
57	M56	X	0	0	0	%100
58	M56	Z	0	0	0	%100
59	M60	X	-1.511	-1.511	0	%100
60	M60	Z	.872	.872	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
61	M61	X	-.877	-.877	0	%100
62	M61	Z	.506	.506	0	%100
63	M62	X	0	0	0	%100
64	M62	Z	0	0	0	%100
65	M66	X	-1.511	-1.511	0	%100
66	M66	Z	.872	.872	0	%100
67	MP1B	X	-2.37	-2.37	0	%100
68	MP1B	Z	1.369	1.369	0	%100
69	MP5A	X	-2.37	-2.37	0	%100
70	MP5A	Z	1.369	1.369	0	%100
71	M73	X	-.219	-.219	0	%100
72	M73	Z	.127	.127	0	%100
73	M74	X	-1.463	-1.463	0	%100
74	M74	Z	.845	.845	0	%100
75	M78	X	-.378	-.378	0	%100
76	M78	Z	.218	.218	0	%100
77	M79	X	-.219	-.219	0	%100
78	M79	Z	.127	.127	0	%100
79	M80	X	-1.463	-1.463	0	%100
80	M80	Z	.845	.845	0	%100
81	M84	X	-.378	-.378	0	%100
82	M84	Z	.218	.218	0	%100
83	MP1A	X	-2.37	-2.37	0	%100
84	MP1A	Z	1.369	1.369	0	%100
85	MP4C	X	-2.37	-2.37	0	%100
86	MP4C	Z	1.369	1.369	0	%100
87	M97A	X	-2.127	-2.127	0	%100
88	M97A	Z	1.228	1.228	0	%100
89	M98A	X	-.532	-.532	0	%100
90	M98A	Z	.307	.307	0	%100
91	M99	X	-.532	-.532	0	%100
92	M99	Z	.307	.307	0	%100
93	M97B	X	-.989	-.989	0	%100
94	M97B	Z	.571	.571	0	%100
95	M98B	X	0	0	0	%100
96	M98B	Z	0	0	0	%100
97	M101	X	-2.855	-2.855	0	%100
98	M101	Z	1.649	1.649	0	%100
99	M102	X	-2.855	-2.855	0	%100
100	M102	Z	1.649	1.649	0	%100
101	M103	X	0	0	0	%100
102	M103	Z	0	0	0	%100
103	M104	X	0	0	0	%100
104	M104	Z	0	0	0	%100
105	M105	X	0	0	0	%100
106	M105	Z	0	0	0	%100
107	M106	X	0	0	0	%100
108	M106	Z	0	0	0	%100
109	M107	X	0	0	0	%100
110	M107	Z	0	0	0	%100
111	M108	X	0	0	0	%100
112	M108	Z	0	0	0	%100
113	M109	X	-3.956	-3.956	0	%100
114	M109	Z	2.284	2.284	0	%100
115	M110	X	-.989	-.989	0	%100
116	M110	Z	.571	.571	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M12	X	0	0	0	%100
2	M12	Z	0	0	0	%100
3	M13	X	0	0	0	%100
4	M13	Z	0	0	0	%100
5	M7	X	0	0	0	%100
6	M7	Z	0	0	0	%100
7	M8	X	-3.879	-3.879	0	%100
8	M8	Z	0	0	0	%100
9	M9	X	-3.879	-3.879	0	%100
10	M9	Z	0	0	0	%100
11	M9A	X	-3.928	-3.928	0	%100
12	M9A	Z	0	0	0	%100
13	M10A	X	-3.922	-3.922	0	%100
14	M10A	Z	0	0	0	%100
15	M11A	X	-3.916	-3.916	0	%100
16	M11A	Z	0	0	0	%100
17	M12B	X	-3.928	-3.928	0	%100
18	M12B	Z	0	0	0	%100
19	M23	X	0	0	0	%100
20	M23	Z	0	0	0	%100
21	M16	X	0	0	0	%100
22	M16	Z	0	0	0	%100
23	MP2A	X	-2.737	-2.737	0	%100
24	MP2A	Z	0	0	0	%100
25	MP3A	X	-3.029	-3.029	0	%100
26	MP3A	Z	0	0	0	%100
27	MP4A	X	-2.737	-2.737	0	%100
28	MP4A	Z	0	0	0	%100
29	M26	X	-2.053	-2.053	0	%100
30	M26	Z	0	0	0	%100
31	MP2C	X	-3.029	-3.029	0	%100
32	MP2C	Z	0	0	0	%100
33	MP3C	X	-2.737	-2.737	0	%100
34	MP3C	Z	0	0	0	%100
35	M33	X	-2.053	-2.053	0	%100
36	M33	Z	0	0	0	%100
37	MP2B	X	-3.029	-3.029	0	%100
38	MP2B	Z	0	0	0	%100
39	MP3B	X	-2.737	-2.737	0	%100
40	MP3B	Z	0	0	0	%100
41	M40	X	-2.253	-2.253	0	%100
42	M40	Z	0	0	0	%100
43	M42A	X	0	0	0	%100
44	M42A	Z	0	0	0	%100
45	M43A	X	0	0	0	%100
46	M43A	Z	0	0	0	%100
47	M44	X	-2.253	-2.253	0	%100
48	M44	Z	0	0	0	%100
49	M48	X	0	0	0	%100
50	M48	Z	0	0	0	%100
51	MP1C	X	-2.737	-2.737	0	%100
52	MP1C	Z	0	0	0	%100
53	MP4B	X	-2.737	-2.737	0	%100
54	MP4B	Z	0	0	0	%100
55	M55	X	-.76	-.76	0	%100
56	M55	Z	0	0	0	%100
57	M56	X	-.563	-.563	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	M56	Z	0	0	0	%100
59	M60	X	-1.308	-1.308	0	%100
60	M60	Z	0	0	0	%100
61	M61	X	-.76	-.76	0	%100
62	M61	Z	0	0	0	%100
63	M62	X	-.563	-.563	0	%100
64	M62	Z	0	0	0	%100
65	M66	X	-1.308	-1.308	0	%100
66	M66	Z	0	0	0	%100
67	MP1B	X	-2.737	-2.737	0	%100
68	MP1B	Z	0	0	0	%100
69	MP5A	X	-2.737	-2.737	0	%100
70	MP5A	Z	0	0	0	%100
71	M73	X	-.76	-.76	0	%100
72	M73	Z	0	0	0	%100
73	M74	X	-.563	-.563	0	%100
74	M74	Z	0	0	0	%100
75	M78	X	-1.308	-1.308	0	%100
76	M78	Z	0	0	0	%100
77	M79	X	-.76	-.76	0	%100
78	M79	Z	0	0	0	%100
79	M80	X	-.563	-.563	0	%100
80	M80	Z	0	0	0	%100
81	M84	X	-1.308	-1.308	0	%100
82	M84	Z	0	0	0	%100
83	MP1A	X	-2.737	-2.737	0	%100
84	MP1A	Z	0	0	0	%100
85	MP4C	X	-2.737	-2.737	0	%100
86	MP4C	Z	0	0	0	%100
87	M97A	X	-1.842	-1.842	0	%100
88	M97A	Z	0	0	0	%100
89	M98A	X	-1.842	-1.842	0	%100
90	M98A	Z	0	0	0	%100
91	M99	X	0	0	0	%100
92	M99	Z	0	0	0	%100
93	M97B	X	0	0	0	%100
94	M97B	Z	0	0	0	%100
95	M98B	X	-1.008	-1.008	0	%100
96	M98B	Z	0	0	0	%100
97	M101	X	-3.297	-3.297	0	%100
98	M101	Z	0	0	0	%100
99	M102	X	-3.297	-3.297	0	%100
100	M102	Z	0	0	0	%100
101	M103	X	-.289	-.289	0	%100
102	M103	Z	0	0	0	%100
103	M104	X	-.289	-.289	0	%100
104	M104	Z	0	0	0	%100
105	M105	X	-.289	-.289	0	%100
106	M105	Z	0	0	0	%100
107	M106	X	-.289	-.289	0	%100
108	M106	Z	0	0	0	%100
109	M107	X	-.289	-.289	0	%100
110	M107	Z	0	0	0	%100
111	M108	X	-.289	-.289	0	%100
112	M108	Z	0	0	0	%100
113	M109	X	-3.426	-3.426	0	%100
114	M109	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
115	M110	X	-3.426	-3.426	0	%100
116	M110	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M12	X	-1.132	-1.132	0	%100
2	M12	Z	-.654	-.654	0	%100
3	M13	X	-1.132	-1.132	0	%100
4	M13	Z	-.654	-.654	0	%100
5	M7	X	-1.12	-1.12	0	%100
6	M7	Z	-.646	-.646	0	%100
7	M8	X	-1.12	-1.12	0	%100
8	M8	Z	-.646	-.646	0	%100
9	M9	X	-4.479	-4.479	0	%100
10	M9	Z	-2.586	-2.586	0	%100
11	M9A	X	-1.137	-1.137	0	%100
12	M9A	Z	-.657	-.657	0	%100
13	M10A	X	-1.132	-1.132	0	%100
14	M10A	Z	-.654	-.654	0	%100
15	M11A	X	-4.529	-4.529	0	%100
16	M11A	Z	-2.615	-2.615	0	%100
17	M12B	X	-4.529	-4.529	0	%100
18	M12B	Z	-2.615	-2.615	0	%100
19	M23	X	-.219	-.219	0	%100
20	M23	Z	-.127	-.127	0	%100
21	M16	X	-.593	-.593	0	%100
22	M16	Z	-.342	-.342	0	%100
23	MP2A	X	-2.37	-2.37	0	%100
24	MP2A	Z	-1.369	-1.369	0	%100
25	MP3A	X	-2.623	-2.623	0	%100
26	MP3A	Z	-1.515	-1.515	0	%100
27	MP4A	X	-2.37	-2.37	0	%100
28	MP4A	Z	-1.369	-1.369	0	%100
29	M26	X	-.593	-.593	0	%100
30	M26	Z	-.342	-.342	0	%100
31	MP2C	X	-2.623	-2.623	0	%100
32	MP2C	Z	-1.515	-1.515	0	%100
33	MP3C	X	-2.37	-2.37	0	%100
34	MP3C	Z	-1.369	-1.369	0	%100
35	M33	X	-2.37	-2.37	0	%100
36	M33	Z	-1.369	-1.369	0	%100
37	MP2B	X	-2.623	-2.623	0	%100
38	MP2B	Z	-1.515	-1.515	0	%100
39	MP3B	X	-2.37	-2.37	0	%100
40	MP3B	Z	-1.369	-1.369	0	%100
41	M40	X	-1.463	-1.463	0	%100
42	M40	Z	-.845	-.845	0	%100
43	M42A	X	-.378	-.378	0	%100
44	M42A	Z	-.218	-.218	0	%100
45	M43A	X	-.219	-.219	0	%100
46	M43A	Z	-.127	-.127	0	%100
47	M44	X	-1.463	-1.463	0	%100
48	M44	Z	-.845	-.845	0	%100
49	M48	X	-.378	-.378	0	%100
50	M48	Z	-.218	-.218	0	%100
51	MP1C	X	-2.37	-2.37	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
52	MP1C	Z	-1.369	-1.369	0	%100
53	MP4B	X	-2.37	-2.37	0	%100
54	MP4B	Z	-1.369	-1.369	0	%100
55	M55	X	-.219	-.219	0	%100
56	M55	Z	-.127	-.127	0	%100
57	M56	X	-1.463	-1.463	0	%100
58	M56	Z	-.845	-.845	0	%100
59	M60	X	-.378	-.378	0	%100
60	M60	Z	-.218	-.218	0	%100
61	M61	X	-.219	-.219	0	%100
62	M61	Z	-.127	-.127	0	%100
63	M62	X	-1.463	-1.463	0	%100
64	M62	Z	-.845	-.845	0	%100
65	M66	X	-.378	-.378	0	%100
66	M66	Z	-.218	-.218	0	%100
67	MP1B	X	-2.37	-2.37	0	%100
68	MP1B	Z	-1.369	-1.369	0	%100
69	MP5A	X	-2.37	-2.37	0	%100
70	MP5A	Z	-1.369	-1.369	0	%100
71	M73	X	-.877	-.877	0	%100
72	M73	Z	-.506	-.506	0	%100
73	M74	X	0	0	0	%100
74	M74	Z	0	0	0	%100
75	M78	X	-1.511	-1.511	0	%100
76	M78	Z	-.872	-.872	0	%100
77	M79	X	-.877	-.877	0	%100
78	M79	Z	-.506	-.506	0	%100
79	M80	X	0	0	0	%100
80	M80	Z	0	0	0	%100
81	M84	X	-1.511	-1.511	0	%100
82	M84	Z	-.872	-.872	0	%100
83	MP1A	X	-2.37	-2.37	0	%100
84	MP1A	Z	-1.369	-1.369	0	%100
85	MP4C	X	-2.37	-2.37	0	%100
86	MP4C	Z	-1.369	-1.369	0	%100
87	M97A	X	-.532	-.532	0	%100
88	M97A	Z	-.307	-.307	0	%100
89	M98A	X	-2.127	-2.127	0	%100
90	M98A	Z	-1.228	-1.228	0	%100
91	M99	X	-.532	-.532	0	%100
92	M99	Z	-.307	-.307	0	%100
93	M97B	X	-.989	-.989	0	%100
94	M97B	Z	-.571	-.571	0	%100
95	M98B	X	-2.62	-2.62	0	%100
96	M98B	Z	-1.513	-1.513	0	%100
97	M101	X	-2.855	-2.855	0	%100
98	M101	Z	-1.649	-1.649	0	%100
99	M102	X	-2.855	-2.855	0	%100
100	M102	Z	-1.649	-1.649	0	%100
101	M103	X	-.752	-.752	0	%100
102	M103	Z	-.434	-.434	0	%100
103	M104	X	-.752	-.752	0	%100
104	M104	Z	-.434	-.434	0	%100
105	M105	X	-.752	-.752	0	%100
106	M105	Z	-.434	-.434	0	%100
107	M106	X	-.752	-.752	0	%100
108	M106	Z	-.434	-.434	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
109	M107	X	-.752	-.752	0	%100
110	M107	Z	-.434	-.434	0	%100
111	M108	X	-.752	-.752	0	%100
112	M108	Z	-.434	-.434	0	%100
113	M109	X	-.989	-.989	0	%100
114	M109	Z	-.571	-.571	0	%100
115	M110	X	-3.956	-3.956	0	%100
116	M110	Z	-2.284	-2.284	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M12	X	-1.961	-1.961	0	%100
2	M12	Z	-3.396	-3.396	0	%100
3	M13	X	-1.961	-1.961	0	%100
4	M13	Z	-3.396	-3.396	0	%100
5	M7	X	-1.939	-1.939	0	%100
6	M7	Z	-3.359	-3.359	0	%100
7	M8	X	0	0	0	%100
8	M8	Z	0	0	0	%100
9	M9	X	-1.939	-1.939	0	%100
10	M9	Z	-3.359	-3.359	0	%100
11	M9A	X	-5e-6	-5e-6	0	%100
12	M9A	Z	-8e-6	-8e-6	0	%100
13	M10A	X	0	0	0	%100
14	M10A	Z	0	0	0	%100
15	M11A	X	-1.964	-1.964	0	%100
16	M11A	Z	-3.402	-3.402	0	%100
17	M12B	X	-1.958	-1.958	0	%100
18	M12B	Z	-3.392	-3.392	0	%100
19	M23	X	-.38	-.38	0	%100
20	M23	Z	-.658	-.658	0	%100
21	M16	X	-1.026	-1.026	0	%100
22	M16	Z	-1.778	-1.778	0	%100
23	MP2A	X	-1.369	-1.369	0	%100
24	MP2A	Z	-2.37	-2.37	0	%100
25	MP3A	X	-1.515	-1.515	0	%100
26	MP3A	Z	-2.623	-2.623	0	%100
27	MP4A	X	-1.369	-1.369	0	%100
28	MP4A	Z	-2.37	-2.37	0	%100
29	M26	X	0	0	0	%100
30	M26	Z	0	0	0	%100
31	MP2C	X	-1.515	-1.515	0	%100
32	MP2C	Z	-2.623	-2.623	0	%100
33	MP3C	X	-1.369	-1.369	0	%100
34	MP3C	Z	-2.37	-2.37	0	%100
35	M33	X	-1.026	-1.026	0	%100
36	M33	Z	-1.778	-1.778	0	%100
37	MP2B	X	-1.515	-1.515	0	%100
38	MP2B	Z	-2.623	-2.623	0	%100
39	MP3B	X	-1.369	-1.369	0	%100
40	MP3B	Z	-2.37	-2.37	0	%100
41	M40	X	-.282	-.282	0	%100
42	M40	Z	-.488	-.488	0	%100
43	M42A	X	-.654	-.654	0	%100
44	M42A	Z	-1.133	-1.133	0	%100
45	M43A	X	-.38	-.38	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
46	M43A	Z	-.658	-.658	0	%100
47	M44	X	-.282	-.282	0	%100
48	M44	Z	-.488	-.488	0	%100
49	M48	X	-.654	-.654	0	%100
50	M48	Z	-1.133	-1.133	0	%100
51	MP1C	X	-1.369	-1.369	0	%100
52	MP1C	Z	-2.37	-2.37	0	%100
53	MP4B	X	-1.369	-1.369	0	%100
54	MP4B	Z	-2.37	-2.37	0	%100
55	M55	X	0	0	0	%100
56	M55	Z	0	0	0	%100
57	M56	X	-1.126	-1.126	0	%100
58	M56	Z	-1.951	-1.951	0	%100
59	M60	X	0	0	0	%100
60	M60	Z	0	0	0	%100
61	M61	X	0	0	0	%100
62	M61	Z	0	0	0	%100
63	M62	X	-1.126	-1.126	0	%100
64	M62	Z	-1.951	-1.951	0	%100
65	M66	X	0	0	0	%100
66	M66	Z	0	0	0	%100
67	MP1B	X	-1.369	-1.369	0	%100
68	MP1B	Z	-2.37	-2.37	0	%100
69	MP5A	X	-1.369	-1.369	0	%100
70	MP5A	Z	-2.37	-2.37	0	%100
71	M73	X	-.38	-.38	0	%100
72	M73	Z	-.658	-.658	0	%100
73	M74	X	-.282	-.282	0	%100
74	M74	Z	-.488	-.488	0	%100
75	M78	X	-.654	-.654	0	%100
76	M78	Z	-1.133	-1.133	0	%100
77	M79	X	-.38	-.38	0	%100
78	M79	Z	-.658	-.658	0	%100
79	M80	X	-.282	-.282	0	%100
80	M80	Z	-.488	-.488	0	%100
81	M84	X	-.654	-.654	0	%100
82	M84	Z	-1.133	-1.133	0	%100
83	MP1A	X	-1.369	-1.369	0	%100
84	MP1A	Z	-2.37	-2.37	0	%100
85	MP4C	X	-1.369	-1.369	0	%100
86	MP4C	Z	-2.37	-2.37	0	%100
87	M97A	X	0	0	0	%100
88	M97A	Z	0	0	0	%100
89	M98A	X	-.921	-.921	0	%100
90	M98A	Z	-1.595	-1.595	0	%100
91	M99	X	-.921	-.921	0	%100
92	M99	Z	-1.595	-1.595	0	%100
93	M97B	X	-1.713	-1.713	0	%100
94	M97B	Z	-2.967	-2.967	0	%100
95	M98B	X	-2.017	-2.017	0	%100
96	M98B	Z	-3.493	-3.493	0	%100
97	M101	X	-1.649	-1.649	0	%100
98	M101	Z	-2.855	-2.855	0	%100
99	M102	X	-1.649	-1.649	0	%100
100	M102	Z	-2.855	-2.855	0	%100
101	M103	X	-.579	-.579	0	%100
102	M103	Z	-1.002	-1.002	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
103	M104	X	-.579	-.579	0	%100
104	M104	Z	-1.002	-1.002	0	%100
105	M105	X	-.579	-.579	0	%100
106	M105	Z	-1.002	-1.002	0	%100
107	M106	X	-.579	-.579	0	%100
108	M106	Z	-1.002	-1.002	0	%100
109	M107	X	-.579	-.579	0	%100
110	M107	Z	-1.002	-1.002	0	%100
111	M108	X	-.579	-.579	0	%100
112	M108	Z	-1.002	-1.002	0	%100
113	M109	X	0	0	0	%100
114	M109	Z	0	0	0	%100
115	M110	X	-1.713	-1.713	0	%100
116	M110	Z	-2.967	-2.967	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M12	X	0	0	0	%100
2	M12	Z	-1.397	-1.397	0	%100
3	M13	X	0	0	0	%100
4	M13	Z	-1.397	-1.397	0	%100
5	M7	X	0	0	0	%100
6	M7	Z	-1.376	-1.376	0	%100
7	M8	X	0	0	0	%100
8	M8	Z	-.344	-.344	0	%100
9	M9	X	0	0	0	%100
10	M9	Z	-.344	-.344	0	%100
11	M9A	X	0	0	0	%100
12	M9A	Z	-.348	-.348	0	%100
13	M10A	X	0	0	0	%100
14	M10A	Z	-.349	-.349	0	%100
15	M11A	X	0	0	0	%100
16	M11A	Z	-.351	-.351	0	%100
17	M12B	X	0	0	0	%100
18	M12B	Z	-.348	-.348	0	%100
19	M23	X	0	0	0	%100
20	M23	Z	-.066	-.066	0	%100
21	M16	X	0	0	0	%100
22	M16	Z	-.5	-.5	0	%100
23	MP2A	X	0	0	0	%100
24	MP2A	Z	-.5	-.5	0	%100
25	MP3A	X	0	0	0	%100
26	MP3A	Z	-.605	-.605	0	%100
27	MP4A	X	0	0	0	%100
28	MP4A	Z	-.5	-.5	0	%100
29	M26	X	0	0	0	%100
30	M26	Z	-.125	-.125	0	%100
31	MP2C	X	0	0	0	%100
32	MP2C	Z	-.605	-.605	0	%100
33	MP3C	X	0	0	0	%100
34	MP3C	Z	-.5	-.5	0	%100
35	M33	X	0	0	0	%100
36	M33	Z	-.125	-.125	0	%100
37	MP2B	X	0	0	0	%100
38	MP2B	Z	-.605	-.605	0	%100
39	MP3B	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
40	MP3B	Z	-.5	-.5	0	%100
41	M40	X	0	0	0	%100
42	M40	Z	0	0	0	%100
43	M42A	X	0	0	0	%100
44	M42A	Z	-.315	-.315	0	%100
45	M43A	X	0	0	0	%100
46	M43A	Z	-.066	-.066	0	%100
47	M44	X	0	0	0	%100
48	M44	Z	0	0	0	%100
49	M48	X	0	0	0	%100
50	M48	Z	-.315	-.315	0	%100
51	MP1C	X	0	0	0	%100
52	MP1C	Z	-.5	-.5	0	%100
53	MP4B	X	0	0	0	%100
54	MP4B	Z	-.5	-.5	0	%100
55	M55	X	0	0	0	%100
56	M55	Z	-.016	-.016	0	%100
57	M56	X	0	0	0	%100
58	M56	Z	-.34	-.34	0	%100
59	M60	X	0	0	0	%100
60	M60	Z	-.079	-.079	0	%100
61	M61	X	0	0	0	%100
62	M61	Z	-.016	-.016	0	%100
63	M62	X	0	0	0	%100
64	M62	Z	-.34	-.34	0	%100
65	M66	X	0	0	0	%100
66	M66	Z	-.079	-.079	0	%100
67	MP1B	X	0	0	0	%100
68	MP1B	Z	-.5	-.5	0	%100
69	MP5A	X	0	0	0	%100
70	MP5A	Z	-.5	-.5	0	%100
71	M73	X	0	0	0	%100
72	M73	Z	-.016	-.016	0	%100
73	M74	X	0	0	0	%100
74	M74	Z	-.34	-.34	0	%100
75	M78	X	0	0	0	%100
76	M78	Z	-.079	-.079	0	%100
77	M79	X	0	0	0	%100
78	M79	Z	-.016	-.016	0	%100
79	M80	X	0	0	0	%100
80	M80	Z	-.34	-.34	0	%100
81	M84	X	0	0	0	%100
82	M84	Z	-.079	-.079	0	%100
83	MP1A	X	0	0	0	%100
84	MP1A	Z	-.5	-.5	0	%100
85	MP4C	X	0	0	0	%100
86	MP4C	Z	-.5	-.5	0	%100
87	M97A	X	0	0	0	%100
88	M97A	Z	-.144	-.144	0	%100
89	M98A	X	0	0	0	%100
90	M98A	Z	-.144	-.144	0	%100
91	M99	X	0	0	0	%100
92	M99	Z	-.575	-.575	0	%100
93	M97B	X	0	0	0	%100
94	M97B	Z	-1.239	-1.239	0	%100
95	M98B	X	0	0	0	%100
96	M98B	Z	-.834	-.834	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
97	M101	X	0	0	0	%100
98	M101	Z	-.701	-.701	0	%100
99	M102	X	0	0	0	%100
100	M102	Z	-.701	-.701	0	%100
101	M103	X	0	0	0	%100
102	M103	Z	-.079	-.079	0	%100
103	M104	X	0	0	0	%100
104	M104	Z	-.079	-.079	0	%100
105	M105	X	0	0	0	%100
106	M105	Z	-.079	-.079	0	%100
107	M106	X	0	0	0	%100
108	M106	Z	-.079	-.079	0	%100
109	M107	X	0	0	0	%100
110	M107	Z	-.079	-.079	0	%100
111	M108	X	0	0	0	%100
112	M108	Z	-.079	-.079	0	%100
113	M109	X	0	0	0	%100
114	M109	Z	-.31	-.31	0	%100
115	M110	X	0	0	0	%100
116	M110	Z	-.31	-.31	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M12	X	.524	.524	0	%100
2	M12	Z	-.907	-.907	0	%100
3	M13	X	.524	.524	0	%100
4	M13	Z	-.907	-.907	0	%100
5	M7	X	.516	.516	0	%100
6	M7	Z	-.894	-.894	0	%100
7	M8	X	.516	.516	0	%100
8	M8	Z	-.894	-.894	0	%100
9	M9	X	0	0	0	%100
10	M9	Z	0	0	0	%100
11	M9A	X	.523	.523	0	%100
12	M9A	Z	-.906	-.906	0	%100
13	M10A	X	.524	.524	0	%100
14	M10A	Z	-.907	-.907	0	%100
15	M11A	X	1e-6	1e-6	0	%100
16	M11A	Z	-2e-6	-2e-6	0	%100
17	M12B	X	1e-6	1e-6	0	%100
18	M12B	Z	-2e-6	-2e-6	0	%100
19	M23	X	.025	.025	0	%100
20	M23	Z	-.043	-.043	0	%100
21	M16	X	.187	.187	0	%100
22	M16	Z	-.325	-.325	0	%100
23	MP2A	X	.25	.25	0	%100
24	MP2A	Z	-.433	-.433	0	%100
25	MP3A	X	.302	.302	0	%100
26	MP3A	Z	-.524	-.524	0	%100
27	MP4A	X	.25	.25	0	%100
28	MP4A	Z	-.433	-.433	0	%100
29	M26	X	.187	.187	0	%100
30	M26	Z	-.325	-.325	0	%100
31	MP2C	X	.302	.302	0	%100
32	MP2C	Z	-.524	-.524	0	%100
33	MP3C	X	.25	.25	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
34	MP3C	Z	-.433	-.433	0	%100
35	M33	X	0	0	0	%100
36	M33	Z	0	0	0	%100
37	MP2B	X	.302	.302	0	%100
38	MP2B	Z	-.524	-.524	0	%100
39	MP3B	X	.25	.25	0	%100
40	MP3B	Z	-.433	-.433	0	%100
41	M40	X	.057	.057	0	%100
42	M40	Z	-.098	-.098	0	%100
43	M42A	X	.118	.118	0	%100
44	M42A	Z	-.204	-.204	0	%100
45	M43A	X	.025	.025	0	%100
46	M43A	Z	-.043	-.043	0	%100
47	M44	X	.057	.057	0	%100
48	M44	Z	-.098	-.098	0	%100
49	M48	X	.118	.118	0	%100
50	M48	Z	-.204	-.204	0	%100
51	MP1C	X	.25	.25	0	%100
52	MP1C	Z	-.433	-.433	0	%100
53	MP4B	X	.25	.25	0	%100
54	MP4B	Z	-.433	-.433	0	%100
55	M55	X	.025	.025	0	%100
56	M55	Z	-.043	-.043	0	%100
57	M56	X	.057	.057	0	%100
58	M56	Z	-.098	-.098	0	%100
59	M60	X	.118	.118	0	%100
60	M60	Z	-.204	-.204	0	%100
61	M61	X	.025	.025	0	%100
62	M61	Z	-.043	-.043	0	%100
63	M62	X	.057	.057	0	%100
64	M62	Z	-.098	-.098	0	%100
65	M66	X	.118	.118	0	%100
66	M66	Z	-.204	-.204	0	%100
67	MP1B	X	.25	.25	0	%100
68	MP1B	Z	-.433	-.433	0	%100
69	MP5A	X	.25	.25	0	%100
70	MP5A	Z	-.433	-.433	0	%100
71	M73	X	0	0	0	%100
72	M73	Z	0	0	0	%100
73	M74	X	.227	.227	0	%100
74	M74	Z	-.393	-.393	0	%100
75	M78	X	0	0	0	%100
76	M78	Z	0	0	0	%100
77	M79	X	0	0	0	%100
78	M79	Z	0	0	0	%100
79	M80	X	.227	.227	0	%100
80	M80	Z	-.393	-.393	0	%100
81	M84	X	0	0	0	%100
82	M84	Z	0	0	0	%100
83	MP1A	X	.25	.25	0	%100
84	MP1A	Z	-.433	-.433	0	%100
85	MP4C	X	.25	.25	0	%100
86	MP4C	Z	-.433	-.433	0	%100
87	M97A	X	.216	.216	0	%100
88	M97A	Z	-.373	-.373	0	%100
89	M98A	X	0	0	0	%100
90	M98A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
91	M99	X	.216	.216	0	%100
92	M99	Z	-.373	-.373	0	%100
93	M97B	X	.465	.465	0	%100
94	M97B	Z	-.805	-.805	0	%100
95	M98B	X	.139	.139	0	%100
96	M98B	Z	-.241	-.241	0	%100
97	M101	X	.351	.351	0	%100
98	M101	Z	-.607	-.607	0	%100
99	M102	X	.351	.351	0	%100
100	M102	Z	-.607	-.607	0	%100
101	M103	X	.013	.013	0	%100
102	M103	Z	-.023	-.023	0	%100
103	M104	X	.013	.013	0	%100
104	M104	Z	-.023	-.023	0	%100
105	M105	X	.013	.013	0	%100
106	M105	Z	-.023	-.023	0	%100
107	M106	X	.013	.013	0	%100
108	M106	Z	-.023	-.023	0	%100
109	M107	X	.013	.013	0	%100
110	M107	Z	-.023	-.023	0	%100
111	M108	X	.013	.013	0	%100
112	M108	Z	-.023	-.023	0	%100
113	M109	X	.465	.465	0	%100
114	M109	Z	-.805	-.805	0	%100
115	M110	X	0	0	0	%100
116	M110	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M12	X	.302	.302	0	%100
2	M12	Z	-.175	-.175	0	%100
3	M13	X	.302	.302	0	%100
4	M13	Z	-.175	-.175	0	%100
5	M7	X	.298	.298	0	%100
6	M7	Z	-.172	-.172	0	%100
7	M8	X	1.192	1.192	0	%100
8	M8	Z	-.688	-.688	0	%100
9	M9	X	.298	.298	0	%100
10	M9	Z	-.172	-.172	0	%100
11	M9A	X	1.21	1.21	0	%100
12	M9A	Z	-.699	-.699	0	%100
13	M10A	X	1.21	1.21	0	%100
14	M10A	Z	-.698	-.698	0	%100
15	M11A	X	.301	.301	0	%100
16	M11A	Z	-.174	-.174	0	%100
17	M12B	X	.304	.304	0	%100
18	M12B	Z	-.175	-.175	0	%100
19	M23	X	.014	.014	0	%100
20	M23	Z	-.008	-.008	0	%100
21	M16	X	.108	.108	0	%100
22	M16	Z	-.062	-.062	0	%100
23	MP2A	X	.433	.433	0	%100
24	MP2A	Z	-.25	-.25	0	%100
25	MP3A	X	.524	.524	0	%100
26	MP3A	Z	-.302	-.302	0	%100
27	MP4A	X	.433	.433	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
28	MP4A	Z	-.25	-.25	0	%100
29	M26	X	.433	.433	0	%100
30	M26	Z	-.25	-.25	0	%100
31	MP2C	X	.524	.524	0	%100
32	MP2C	Z	-.302	-.302	0	%100
33	MP3C	X	.433	.433	0	%100
34	MP3C	Z	-.25	-.25	0	%100
35	M33	X	.108	.108	0	%100
36	M33	Z	-.062	-.062	0	%100
37	MP2B	X	.524	.524	0	%100
38	MP2B	Z	-.302	-.302	0	%100
39	MP3B	X	.433	.433	0	%100
40	MP3B	Z	-.25	-.25	0	%100
41	M40	X	.295	.295	0	%100
42	M40	Z	-.17	-.17	0	%100
43	M42A	X	.068	.068	0	%100
44	M42A	Z	-.039	-.039	0	%100
45	M43A	X	.014	.014	0	%100
46	M43A	Z	-.008	-.008	0	%100
47	M44	X	.295	.295	0	%100
48	M44	Z	-.17	-.17	0	%100
49	M48	X	.068	.068	0	%100
50	M48	Z	-.039	-.039	0	%100
51	MP1C	X	.433	.433	0	%100
52	MP1C	Z	-.25	-.25	0	%100
53	MP4B	X	.433	.433	0	%100
54	MP4B	Z	-.25	-.25	0	%100
55	M55	X	.057	.057	0	%100
56	M55	Z	-.033	-.033	0	%100
57	M56	X	0	0	0	%100
58	M56	Z	0	0	0	%100
59	M60	X	.272	.272	0	%100
60	M60	Z	-.157	-.157	0	%100
61	M61	X	.057	.057	0	%100
62	M61	Z	-.033	-.033	0	%100
63	M62	X	0	0	0	%100
64	M62	Z	0	0	0	%100
65	M66	X	.272	.272	0	%100
66	M66	Z	-.157	-.157	0	%100
67	MP1B	X	.433	.433	0	%100
68	MP1B	Z	-.25	-.25	0	%100
69	MP5A	X	.433	.433	0	%100
70	MP5A	Z	-.25	-.25	0	%100
71	M73	X	.014	.014	0	%100
72	M73	Z	-.008	-.008	0	%100
73	M74	X	.295	.295	0	%100
74	M74	Z	-.17	-.17	0	%100
75	M78	X	.068	.068	0	%100
76	M78	Z	-.039	-.039	0	%100
77	M79	X	.014	.014	0	%100
78	M79	Z	-.008	-.008	0	%100
79	M80	X	.295	.295	0	%100
80	M80	Z	-.17	-.17	0	%100
81	M84	X	.068	.068	0	%100
82	M84	Z	-.039	-.039	0	%100
83	MP1A	X	.433	.433	0	%100
84	MP1A	Z	-.25	-.25	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
85	MP4C	X	.433	.433	0	%100
86	MP4C	Z	-.25	-.25	0	%100
87	M97A	X	.498	.498	0	%100
88	M97A	Z	-.287	-.287	0	%100
89	M98A	X	.124	.124	0	%100
90	M98A	Z	-.072	-.072	0	%100
91	M99	X	.124	.124	0	%100
92	M99	Z	-.072	-.072	0	%100
93	M97B	X	.268	.268	0	%100
94	M97B	Z	-.155	-.155	0	%100
95	M98B	X	0	0	0	%100
96	M98B	Z	0	0	0	%100
97	M101	X	.607	.607	0	%100
98	M101	Z	-.351	-.351	0	%100
99	M102	X	.607	.607	0	%100
100	M102	Z	-.351	-.351	0	%100
101	M103	X	0	0	0	%100
102	M103	Z	0	0	0	%100
103	M104	X	0	0	0	%100
104	M104	Z	0	0	0	%100
105	M105	X	0	0	0	%100
106	M105	Z	0	0	0	%100
107	M106	X	0	0	0	%100
108	M106	Z	0	0	0	%100
109	M107	X	0	0	0	%100
110	M107	Z	0	0	0	%100
111	M108	X	0	0	0	%100
112	M108	Z	0	0	0	%100
113	M109	X	1.073	1.073	0	%100
114	M109	Z	-.62	-.62	0	%100
115	M110	X	.268	.268	0	%100
116	M110	Z	-.155	-.155	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M12	X	0	0	0	%100
2	M12	Z	0	0	0	%100
3	M13	X	0	0	0	%100
4	M13	Z	0	0	0	%100
5	M7	X	0	0	0	%100
6	M7	Z	0	0	0	%100
7	M8	X	1.032	1.032	0	%100
8	M8	Z	0	0	0	%100
9	M9	X	1.032	1.032	0	%100
10	M9	Z	0	0	0	%100
11	M9A	X	1.049	1.049	0	%100
12	M9A	Z	0	0	0	%100
13	M10A	X	1.048	1.048	0	%100
14	M10A	Z	0	0	0	%100
15	M11A	X	1.046	1.046	0	%100
16	M11A	Z	0	0	0	%100
17	M12B	X	1.049	1.049	0	%100
18	M12B	Z	0	0	0	%100
19	M23	X	0	0	0	%100
20	M23	Z	0	0	0	%100
21	M16	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
22	M16	Z	0	0	0	%100
23	MP2A	X	.5	.5	0	%100
24	MP2A	Z	0	0	0	%100
25	MP3A	X	.605	.605	0	%100
26	MP3A	Z	0	0	0	%100
27	MP4A	X	.5	.5	0	%100
28	MP4A	Z	0	0	0	%100
29	M26	X	.375	.375	0	%100
30	M26	Z	0	0	0	%100
31	MP2C	X	.605	.605	0	%100
32	MP2C	Z	0	0	0	%100
33	MP3C	X	.5	.5	0	%100
34	MP3C	Z	0	0	0	%100
35	M33	X	.375	.375	0	%100
36	M33	Z	0	0	0	%100
37	MP2B	X	.605	.605	0	%100
38	MP2B	Z	0	0	0	%100
39	MP3B	X	.5	.5	0	%100
40	MP3B	Z	0	0	0	%100
41	M40	X	.454	.454	0	%100
42	M40	Z	0	0	0	%100
43	M42A	X	0	0	0	%100
44	M42A	Z	0	0	0	%100
45	M43A	X	0	0	0	%100
46	M43A	Z	0	0	0	%100
47	M44	X	.454	.454	0	%100
48	M44	Z	0	0	0	%100
49	M48	X	0	0	0	%100
50	M48	Z	0	0	0	%100
51	MP1C	X	.5	.5	0	%100
52	MP1C	Z	0	0	0	%100
53	MP4B	X	.5	.5	0	%100
54	MP4B	Z	0	0	0	%100
55	M55	X	.049	.049	0	%100
56	M55	Z	0	0	0	%100
57	M56	X	.113	.113	0	%100
58	M56	Z	0	0	0	%100
59	M60	X	.236	.236	0	%100
60	M60	Z	0	0	0	%100
61	M61	X	.049	.049	0	%100
62	M61	Z	0	0	0	%100
63	M62	X	.113	.113	0	%100
64	M62	Z	0	0	0	%100
65	M66	X	.236	.236	0	%100
66	M66	Z	0	0	0	%100
67	MP1B	X	.5	.5	0	%100
68	MP1B	Z	0	0	0	%100
69	MP5A	X	.5	.5	0	%100
70	MP5A	Z	0	0	0	%100
71	M73	X	.049	.049	0	%100
72	M73	Z	0	0	0	%100
73	M74	X	.113	.113	0	%100
74	M74	Z	0	0	0	%100
75	M78	X	.236	.236	0	%100
76	M78	Z	0	0	0	%100
77	M79	X	.049	.049	0	%100
78	M79	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
79	M80	X	.113	.113	0	%100
80	M80	Z	0	0	0	%100
81	M84	X	.236	.236	0	%100
82	M84	Z	0	0	0	%100
83	MP1A	X	.5	.5	0	%100
84	MP1A	Z	0	0	0	%100
85	MP4C	X	.5	.5	0	%100
86	MP4C	Z	0	0	0	%100
87	M97A	X	.431	.431	0	%100
88	M97A	Z	0	0	0	%100
89	M98A	X	.431	.431	0	%100
90	M98A	Z	0	0	0	%100
91	M99	X	0	0	0	%100
92	M99	Z	0	0	0	%100
93	M97B	X	0	0	0	%100
94	M97B	Z	0	0	0	%100
95	M98B	X	.278	.278	0	%100
96	M98B	Z	0	0	0	%100
97	M101	X	.701	.701	0	%100
98	M101	Z	0	0	0	%100
99	M102	X	.701	.701	0	%100
100	M102	Z	0	0	0	%100
101	M103	X	.026	.026	0	%100
102	M103	Z	0	0	0	%100
103	M104	X	.026	.026	0	%100
104	M104	Z	0	0	0	%100
105	M105	X	.026	.026	0	%100
106	M105	Z	0	0	0	%100
107	M106	X	.026	.026	0	%100
108	M106	Z	0	0	0	%100
109	M107	X	.026	.026	0	%100
110	M107	Z	0	0	0	%100
111	M108	X	.026	.026	0	%100
112	M108	Z	0	0	0	%100
113	M109	X	.929	.929	0	%100
114	M109	Z	0	0	0	%100
115	M110	X	.929	.929	0	%100
116	M110	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M12	X	.302	.302	0	%100
2	M12	Z	.175	.175	0	%100
3	M13	X	.302	.302	0	%100
4	M13	Z	.175	.175	0	%100
5	M7	X	.298	.298	0	%100
6	M7	Z	.172	.172	0	%100
7	M8	X	.298	.298	0	%100
8	M8	Z	.172	.172	0	%100
9	M9	X	1.192	1.192	0	%100
10	M9	Z	.688	.688	0	%100
11	M9A	X	.304	.304	0	%100
12	M9A	Z	.175	.175	0	%100
13	M10A	X	.302	.302	0	%100
14	M10A	Z	.175	.175	0	%100
15	M11A	X	1.21	1.21	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
16	M11A	Z	.699	.699	0	%100
17	M12B	X	1.21	1.21	0	%100
18	M12B	Z	.699	.699	0	%100
19	M23	X	.014	.014	0	%100
20	M23	Z	.008	.008	0	%100
21	M16	X	.108	.108	0	%100
22	M16	Z	.062	.062	0	%100
23	MP2A	X	.433	.433	0	%100
24	MP2A	Z	.25	.25	0	%100
25	MP3A	X	.524	.524	0	%100
26	MP3A	Z	.302	.302	0	%100
27	MP4A	X	.433	.433	0	%100
28	MP4A	Z	.25	.25	0	%100
29	M26	X	.108	.108	0	%100
30	M26	Z	.062	.062	0	%100
31	MP2C	X	.524	.524	0	%100
32	MP2C	Z	.302	.302	0	%100
33	MP3C	X	.433	.433	0	%100
34	MP3C	Z	.25	.25	0	%100
35	M33	X	.433	.433	0	%100
36	M33	Z	.25	.25	0	%100
37	MP2B	X	.524	.524	0	%100
38	MP2B	Z	.302	.302	0	%100
39	MP3B	X	.433	.433	0	%100
40	MP3B	Z	.25	.25	0	%100
41	M40	X	.295	.295	0	%100
42	M40	Z	.17	.17	0	%100
43	M42A	X	.068	.068	0	%100
44	M42A	Z	.039	.039	0	%100
45	M43A	X	.014	.014	0	%100
46	M43A	Z	.008	.008	0	%100
47	M44	X	.295	.295	0	%100
48	M44	Z	.17	.17	0	%100
49	M48	X	.068	.068	0	%100
50	M48	Z	.039	.039	0	%100
51	MP1C	X	.433	.433	0	%100
52	MP1C	Z	.25	.25	0	%100
53	MP4B	X	.433	.433	0	%100
54	MP4B	Z	.25	.25	0	%100
55	M55	X	.014	.014	0	%100
56	M55	Z	.008	.008	0	%100
57	M56	X	.295	.295	0	%100
58	M56	Z	.17	.17	0	%100
59	M60	X	.068	.068	0	%100
60	M60	Z	.039	.039	0	%100
61	M61	X	.014	.014	0	%100
62	M61	Z	.008	.008	0	%100
63	M62	X	.295	.295	0	%100
64	M62	Z	.17	.17	0	%100
65	M66	X	.068	.068	0	%100
66	M66	Z	.039	.039	0	%100
67	MP1B	X	.433	.433	0	%100
68	MP1B	Z	.25	.25	0	%100
69	MP5A	X	.433	.433	0	%100
70	MP5A	Z	.25	.25	0	%100
71	M73	X	.057	.057	0	%100
72	M73	Z	.033	.033	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
73	M74	X	0	0	0	%100
74	M74	Z	0	0	0	%100
75	M78	X	.272	.272	0	%100
76	M78	Z	.157	.157	0	%100
77	M79	X	.057	.057	0	%100
78	M79	Z	.033	.033	0	%100
79	M80	X	0	0	0	%100
80	M80	Z	0	0	0	%100
81	M84	X	.272	.272	0	%100
82	M84	Z	.157	.157	0	%100
83	MP1A	X	.433	.433	0	%100
84	MP1A	Z	.25	.25	0	%100
85	MP4C	X	.433	.433	0	%100
86	MP4C	Z	.25	.25	0	%100
87	M97A	X	.124	.124	0	%100
88	M97A	Z	.072	.072	0	%100
89	M98A	X	.498	.498	0	%100
90	M98A	Z	.287	.287	0	%100
91	M99	X	.124	.124	0	%100
92	M99	Z	.072	.072	0	%100
93	M97B	X	.268	.268	0	%100
94	M97B	Z	.155	.155	0	%100
95	M98B	X	.722	.722	0	%100
96	M98B	Z	.417	.417	0	%100
97	M101	X	.607	.607	0	%100
98	M101	Z	.351	.351	0	%100
99	M102	X	.607	.607	0	%100
100	M102	Z	.351	.351	0	%100
101	M103	X	.068	.068	0	%100
102	M103	Z	.039	.039	0	%100
103	M104	X	.068	.068	0	%100
104	M104	Z	.039	.039	0	%100
105	M105	X	.068	.068	0	%100
106	M105	Z	.039	.039	0	%100
107	M106	X	.068	.068	0	%100
108	M106	Z	.039	.039	0	%100
109	M107	X	.068	.068	0	%100
110	M107	Z	.039	.039	0	%100
111	M108	X	.068	.068	0	%100
112	M108	Z	.039	.039	0	%100
113	M109	X	.268	.268	0	%100
114	M109	Z	.155	.155	0	%100
115	M110	X	1.073	1.073	0	%100
116	M110	Z	.62	.62	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M12	X	.524	.524	0	%100
2	M12	Z	.907	.907	0	%100
3	M13	X	.524	.524	0	%100
4	M13	Z	.907	.907	0	%100
5	M7	X	.516	.516	0	%100
6	M7	Z	.894	.894	0	%100
7	M8	X	0	0	0	%100
8	M8	Z	0	0	0	%100
9	M9	X	.516	.516	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
10	M9	Z	.894	.894	0	%100
11	M9A	X	1e-6	1e-6	0	%100
12	M9A	Z	2e-6	2e-6	0	%100
13	M10A	X	0	0	0	%100
14	M10A	Z	0	0	0	%100
15	M11A	X	.525	.525	0	%100
16	M11A	Z	.909	.909	0	%100
17	M12B	X	.523	.523	0	%100
18	M12B	Z	.906	.906	0	%100
19	M23	X	.025	.025	0	%100
20	M23	Z	.043	.043	0	%100
21	M16	X	.187	.187	0	%100
22	M16	Z	.325	.325	0	%100
23	MP2A	X	.25	.25	0	%100
24	MP2A	Z	.433	.433	0	%100
25	MP3A	X	.302	.302	0	%100
26	MP3A	Z	.524	.524	0	%100
27	MP4A	X	.25	.25	0	%100
28	MP4A	Z	.433	.433	0	%100
29	M26	X	0	0	0	%100
30	M26	Z	0	0	0	%100
31	MP2C	X	.302	.302	0	%100
32	MP2C	Z	.524	.524	0	%100
33	MP3C	X	.25	.25	0	%100
34	MP3C	Z	.433	.433	0	%100
35	M33	X	.187	.187	0	%100
36	M33	Z	.325	.325	0	%100
37	MP2B	X	.302	.302	0	%100
38	MP2B	Z	.524	.524	0	%100
39	MP3B	X	.25	.25	0	%100
40	MP3B	Z	.433	.433	0	%100
41	M40	X	.057	.057	0	%100
42	M40	Z	.098	.098	0	%100
43	M42A	X	.118	.118	0	%100
44	M42A	Z	.204	.204	0	%100
45	M43A	X	.025	.025	0	%100
46	M43A	Z	.043	.043	0	%100
47	M44	X	.057	.057	0	%100
48	M44	Z	.098	.098	0	%100
49	M48	X	.118	.118	0	%100
50	M48	Z	.204	.204	0	%100
51	MP1C	X	.25	.25	0	%100
52	MP1C	Z	.433	.433	0	%100
53	MP4B	X	.25	.25	0	%100
54	MP4B	Z	.433	.433	0	%100
55	M55	X	0	0	0	%100
56	M55	Z	0	0	0	%100
57	M56	X	.227	.227	0	%100
58	M56	Z	.393	.393	0	%100
59	M60	X	0	0	0	%100
60	M60	Z	0	0	0	%100
61	M61	X	0	0	0	%100
62	M61	Z	0	0	0	%100
63	M62	X	.227	.227	0	%100
64	M62	Z	.393	.393	0	%100
65	M66	X	0	0	0	%100
66	M66	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
67	MP1B	X	.25	.25	0	%100
68	MP1B	Z	.433	.433	0	%100
69	MP5A	X	.25	.25	0	%100
70	MP5A	Z	.433	.433	0	%100
71	M73	X	.025	.025	0	%100
72	M73	Z	.043	.043	0	%100
73	M74	X	.057	.057	0	%100
74	M74	Z	.098	.098	0	%100
75	M78	X	.118	.118	0	%100
76	M78	Z	.204	.204	0	%100
77	M79	X	.025	.025	0	%100
78	M79	Z	.043	.043	0	%100
79	M80	X	.057	.057	0	%100
80	M80	Z	.098	.098	0	%100
81	M84	X	.118	.118	0	%100
82	M84	Z	.204	.204	0	%100
83	MP1A	X	.25	.25	0	%100
84	MP1A	Z	.433	.433	0	%100
85	MP4C	X	.25	.25	0	%100
86	MP4C	Z	.433	.433	0	%100
87	M97A	X	0	0	0	%100
88	M97A	Z	0	0	0	%100
89	M98A	X	.216	.216	0	%100
90	M98A	Z	.373	.373	0	%100
91	M99	X	.216	.216	0	%100
92	M99	Z	.373	.373	0	%100
93	M97B	X	.465	.465	0	%100
94	M97B	Z	.805	.805	0	%100
95	M98B	X	.556	.556	0	%100
96	M98B	Z	.963	.963	0	%100
97	M101	X	.351	.351	0	%100
98	M101	Z	.607	.607	0	%100
99	M102	X	.351	.351	0	%100
100	M102	Z	.607	.607	0	%100
101	M103	X	.053	.053	0	%100
102	M103	Z	.091	.091	0	%100
103	M104	X	.053	.053	0	%100
104	M104	Z	.091	.091	0	%100
105	M105	X	.053	.053	0	%100
106	M105	Z	.091	.091	0	%100
107	M106	X	.053	.053	0	%100
108	M106	Z	.091	.091	0	%100
109	M107	X	.053	.053	0	%100
110	M107	Z	.091	.091	0	%100
111	M108	X	.053	.053	0	%100
112	M108	Z	.091	.091	0	%100
113	M109	X	0	0	0	%100
114	M109	Z	0	0	0	%100
115	M110	X	.465	.465	0	%100
116	M110	Z	.805	.805	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M12	X	0	0	0	%100
2	M12	Z	1.397	1.397	0	%100
3	M13	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
4	M13	Z	1.397	1.397	0	%100
5	M7	X	0	0	0	%100
6	M7	Z	1.376	1.376	0	%100
7	M8	X	0	0	0	%100
8	M8	Z	.344	.344	0	%100
9	M9	X	0	0	0	%100
10	M9	Z	.344	.344	0	%100
11	M9A	X	0	0	0	%100
12	M9A	Z	.348	.348	0	%100
13	M10A	X	0	0	0	%100
14	M10A	Z	.349	.349	0	%100
15	M11A	X	0	0	0	%100
16	M11A	Z	.351	.351	0	%100
17	M12B	X	0	0	0	%100
18	M12B	Z	.348	.348	0	%100
19	M23	X	0	0	0	%100
20	M23	Z	.066	.066	0	%100
21	M16	X	0	0	0	%100
22	M16	Z	.5	.5	0	%100
23	MP2A	X	0	0	0	%100
24	MP2A	Z	.5	.5	0	%100
25	MP3A	X	0	0	0	%100
26	MP3A	Z	.605	.605	0	%100
27	MP4A	X	0	0	0	%100
28	MP4A	Z	.5	.5	0	%100
29	M26	X	0	0	0	%100
30	M26	Z	.125	.125	0	%100
31	MP2C	X	0	0	0	%100
32	MP2C	Z	.605	.605	0	%100
33	MP3C	X	0	0	0	%100
34	MP3C	Z	.5	.5	0	%100
35	M33	X	0	0	0	%100
36	M33	Z	.125	.125	0	%100
37	MP2B	X	0	0	0	%100
38	MP2B	Z	.605	.605	0	%100
39	MP3B	X	0	0	0	%100
40	MP3B	Z	.5	.5	0	%100
41	M40	X	0	0	0	%100
42	M40	Z	0	0	0	%100
43	M42A	X	0	0	0	%100
44	M42A	Z	.315	.315	0	%100
45	M43A	X	0	0	0	%100
46	M43A	Z	.066	.066	0	%100
47	M44	X	0	0	0	%100
48	M44	Z	0	0	0	%100
49	M48	X	0	0	0	%100
50	M48	Z	.315	.315	0	%100
51	MP1C	X	0	0	0	%100
52	MP1C	Z	.5	.5	0	%100
53	MP4B	X	0	0	0	%100
54	MP4B	Z	.5	.5	0	%100
55	M55	X	0	0	0	%100
56	M55	Z	.016	.016	0	%100
57	M56	X	0	0	0	%100
58	M56	Z	.34	.34	0	%100
59	M60	X	0	0	0	%100
60	M60	Z	.079	.079	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
61	M61	X	0	0	0	%100
62	M61	Z	.016	.016	0	%100
63	M62	X	0	0	0	%100
64	M62	Z	.34	.34	0	%100
65	M66	X	0	0	0	%100
66	M66	Z	.079	.079	0	%100
67	MP1B	X	0	0	0	%100
68	MP1B	Z	.5	.5	0	%100
69	MP5A	X	0	0	0	%100
70	MP5A	Z	.5	.5	0	%100
71	M73	X	0	0	0	%100
72	M73	Z	.016	.016	0	%100
73	M74	X	0	0	0	%100
74	M74	Z	.34	.34	0	%100
75	M78	X	0	0	0	%100
76	M78	Z	.079	.079	0	%100
77	M79	X	0	0	0	%100
78	M79	Z	.016	.016	0	%100
79	M80	X	0	0	0	%100
80	M80	Z	.34	.34	0	%100
81	M84	X	0	0	0	%100
82	M84	Z	.079	.079	0	%100
83	MP1A	X	0	0	0	%100
84	MP1A	Z	.5	.5	0	%100
85	MP4C	X	0	0	0	%100
86	MP4C	Z	.5	.5	0	%100
87	M97A	X	0	0	0	%100
88	M97A	Z	.144	.144	0	%100
89	M98A	X	0	0	0	%100
90	M98A	Z	.144	.144	0	%100
91	M99	X	0	0	0	%100
92	M99	Z	.575	.575	0	%100
93	M97B	X	0	0	0	%100
94	M97B	Z	1.239	1.239	0	%100
95	M98B	X	0	0	0	%100
96	M98B	Z	.834	.834	0	%100
97	M101	X	0	0	0	%100
98	M101	Z	.701	.701	0	%100
99	M102	X	0	0	0	%100
100	M102	Z	.701	.701	0	%100
101	M103	X	0	0	0	%100
102	M103	Z	.079	.079	0	%100
103	M104	X	0	0	0	%100
104	M104	Z	.079	.079	0	%100
105	M105	X	0	0	0	%100
106	M105	Z	.079	.079	0	%100
107	M106	X	0	0	0	%100
108	M106	Z	.079	.079	0	%100
109	M107	X	0	0	0	%100
110	M107	Z	.079	.079	0	%100
111	M108	X	0	0	0	%100
112	M108	Z	.079	.079	0	%100
113	M109	X	0	0	0	%100
114	M109	Z	.31	.31	0	%100
115	M110	X	0	0	0	%100
116	M110	Z	.31	.31	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M12	X	-.524	-.524	0	%100
2	M12	Z	.907	.907	0	%100
3	M13	X	-.524	-.524	0	%100
4	M13	Z	.907	.907	0	%100
5	M7	X	-.516	-.516	0	%100
6	M7	Z	.894	.894	0	%100
7	M8	X	-.516	-.516	0	%100
8	M8	Z	.894	.894	0	%100
9	M9	X	0	0	0	%100
10	M9	Z	0	0	0	%100
11	M9A	X	-.523	-.523	0	%100
12	M9A	Z	.906	.906	0	%100
13	M10A	X	-.524	-.524	0	%100
14	M10A	Z	.907	.907	0	%100
15	M11A	X	-1e-6	-1e-6	0	%100
16	M11A	Z	2e-6	2e-6	0	%100
17	M12B	X	-1e-6	-1e-6	0	%100
18	M12B	Z	2e-6	2e-6	0	%100
19	M23	X	-.025	-.025	0	%100
20	M23	Z	.043	.043	0	%100
21	M16	X	-.187	-.187	0	%100
22	M16	Z	.325	.325	0	%100
23	MP2A	X	-.25	-.25	0	%100
24	MP2A	Z	.433	.433	0	%100
25	MP3A	X	-.302	-.302	0	%100
26	MP3A	Z	.524	.524	0	%100
27	MP4A	X	-.25	-.25	0	%100
28	MP4A	Z	.433	.433	0	%100
29	M26	X	-.187	-.187	0	%100
30	M26	Z	.325	.325	0	%100
31	MP2C	X	-.302	-.302	0	%100
32	MP2C	Z	.524	.524	0	%100
33	MP3C	X	-.25	-.25	0	%100
34	MP3C	Z	.433	.433	0	%100
35	M33	X	0	0	0	%100
36	M33	Z	0	0	0	%100
37	MP2B	X	-.302	-.302	0	%100
38	MP2B	Z	.524	.524	0	%100
39	MP3B	X	-.25	-.25	0	%100
40	MP3B	Z	.433	.433	0	%100
41	M40	X	-.057	-.057	0	%100
42	M40	Z	.098	.098	0	%100
43	M42A	X	-.118	-.118	0	%100
44	M42A	Z	.204	.204	0	%100
45	M43A	X	-.025	-.025	0	%100
46	M43A	Z	.043	.043	0	%100
47	M44	X	-.057	-.057	0	%100
48	M44	Z	.098	.098	0	%100
49	M48	X	-.118	-.118	0	%100
50	M48	Z	.204	.204	0	%100
51	MP1C	X	-.25	-.25	0	%100
52	MP1C	Z	.433	.433	0	%100
53	MP4B	X	-.25	-.25	0	%100
54	MP4B	Z	.433	.433	0	%100
55	M55	X	-.025	-.025	0	%100
56	M55	Z	.043	.043	0	%100
57	M56	X	-.057	-.057	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	M56	Z	.098	.098	0	%100
59	M60	X	-.118	-.118	0	%100
60	M60	Z	.204	.204	0	%100
61	M61	X	-.025	-.025	0	%100
62	M61	Z	.043	.043	0	%100
63	M62	X	-.057	-.057	0	%100
64	M62	Z	.098	.098	0	%100
65	M66	X	-.118	-.118	0	%100
66	M66	Z	.204	.204	0	%100
67	MP1B	X	-.25	-.25	0	%100
68	MP1B	Z	.433	.433	0	%100
69	MP5A	X	-.25	-.25	0	%100
70	MP5A	Z	.433	.433	0	%100
71	M73	X	0	0	0	%100
72	M73	Z	0	0	0	%100
73	M74	X	-.227	-.227	0	%100
74	M74	Z	.393	.393	0	%100
75	M78	X	0	0	0	%100
76	M78	Z	0	0	0	%100
77	M79	X	0	0	0	%100
78	M79	Z	0	0	0	%100
79	M80	X	-.227	-.227	0	%100
80	M80	Z	.393	.393	0	%100
81	M84	X	0	0	0	%100
82	M84	Z	0	0	0	%100
83	MP1A	X	-.25	-.25	0	%100
84	MP1A	Z	.433	.433	0	%100
85	MP4C	X	-.25	-.25	0	%100
86	MP4C	Z	.433	.433	0	%100
87	M97A	X	-.216	-.216	0	%100
88	M97A	Z	.373	.373	0	%100
89	M98A	X	0	0	0	%100
90	M98A	Z	0	0	0	%100
91	M99	X	-.216	-.216	0	%100
92	M99	Z	.373	.373	0	%100
93	M97B	X	-.465	-.465	0	%100
94	M97B	Z	.805	.805	0	%100
95	M98B	X	-.139	-.139	0	%100
96	M98B	Z	.241	.241	0	%100
97	M101	X	-.351	-.351	0	%100
98	M101	Z	.607	.607	0	%100
99	M102	X	-.351	-.351	0	%100
100	M102	Z	.607	.607	0	%100
101	M103	X	-.013	-.013	0	%100
102	M103	Z	.023	.023	0	%100
103	M104	X	-.013	-.013	0	%100
104	M104	Z	.023	.023	0	%100
105	M105	X	-.013	-.013	0	%100
106	M105	Z	.023	.023	0	%100
107	M106	X	-.013	-.013	0	%100
108	M106	Z	.023	.023	0	%100
109	M107	X	-.013	-.013	0	%100
110	M107	Z	.023	.023	0	%100
111	M108	X	-.013	-.013	0	%100
112	M108	Z	.023	.023	0	%100
113	M109	X	-.465	-.465	0	%100
114	M109	Z	.805	.805	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
115	M110	X	0	0	0	%100
116	M110	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M12	X	-.302	-.302	0	%100
2	M12	Z	.175	.175	0	%100
3	M13	X	-.302	-.302	0	%100
4	M13	Z	.175	.175	0	%100
5	M7	X	-.298	-.298	0	%100
6	M7	Z	.172	.172	0	%100
7	M8	X	-1.192	-1.192	0	%100
8	M8	Z	.688	.688	0	%100
9	M9	X	-.298	-.298	0	%100
10	M9	Z	.172	.172	0	%100
11	M9A	X	-1.21	-1.21	0	%100
12	M9A	Z	.699	.699	0	%100
13	M10A	X	-1.21	-1.21	0	%100
14	M10A	Z	.698	.698	0	%100
15	M11A	X	-.301	-.301	0	%100
16	M11A	Z	.174	.174	0	%100
17	M12B	X	-.304	-.304	0	%100
18	M12B	Z	.175	.175	0	%100
19	M23	X	-.014	-.014	0	%100
20	M23	Z	.008	.008	0	%100
21	M16	X	-.108	-.108	0	%100
22	M16	Z	.062	.062	0	%100
23	MP2A	X	-.433	-.433	0	%100
24	MP2A	Z	.25	.25	0	%100
25	MP3A	X	-.524	-.524	0	%100
26	MP3A	Z	.302	.302	0	%100
27	MP4A	X	-.433	-.433	0	%100
28	MP4A	Z	.25	.25	0	%100
29	M26	X	-.433	-.433	0	%100
30	M26	Z	.25	.25	0	%100
31	MP2C	X	-.524	-.524	0	%100
32	MP2C	Z	.302	.302	0	%100
33	MP3C	X	-.433	-.433	0	%100
34	MP3C	Z	.25	.25	0	%100
35	M33	X	-.108	-.108	0	%100
36	M33	Z	.062	.062	0	%100
37	MP2B	X	-.524	-.524	0	%100
38	MP2B	Z	.302	.302	0	%100
39	MP3B	X	-.433	-.433	0	%100
40	MP3B	Z	.25	.25	0	%100
41	M40	X	-.295	-.295	0	%100
42	M40	Z	.17	.17	0	%100
43	M42A	X	-.068	-.068	0	%100
44	M42A	Z	.039	.039	0	%100
45	M43A	X	-.014	-.014	0	%100
46	M43A	Z	.008	.008	0	%100
47	M44	X	-.295	-.295	0	%100
48	M44	Z	.17	.17	0	%100
49	M48	X	-.068	-.068	0	%100
50	M48	Z	.039	.039	0	%100
51	MP1C	X	-.433	-.433	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
52	MP1C	Z	.25	.25	0	%100
53	MP4B	X	-.433	-.433	0	%100
54	MP4B	Z	.25	.25	0	%100
55	M55	X	-.057	-.057	0	%100
56	M55	Z	.033	.033	0	%100
57	M56	X	0	0	0	%100
58	M56	Z	0	0	0	%100
59	M60	X	-.272	-.272	0	%100
60	M60	Z	.157	.157	0	%100
61	M61	X	-.057	-.057	0	%100
62	M61	Z	.033	.033	0	%100
63	M62	X	0	0	0	%100
64	M62	Z	0	0	0	%100
65	M66	X	-.272	-.272	0	%100
66	M66	Z	.157	.157	0	%100
67	MP1B	X	-.433	-.433	0	%100
68	MP1B	Z	.25	.25	0	%100
69	MP5A	X	-.433	-.433	0	%100
70	MP5A	Z	.25	.25	0	%100
71	M73	X	-.014	-.014	0	%100
72	M73	Z	.008	.008	0	%100
73	M74	X	-.295	-.295	0	%100
74	M74	Z	.17	.17	0	%100
75	M78	X	-.068	-.068	0	%100
76	M78	Z	.039	.039	0	%100
77	M79	X	-.014	-.014	0	%100
78	M79	Z	.008	.008	0	%100
79	M80	X	-.295	-.295	0	%100
80	M80	Z	.17	.17	0	%100
81	M84	X	-.068	-.068	0	%100
82	M84	Z	.039	.039	0	%100
83	MP1A	X	-.433	-.433	0	%100
84	MP1A	Z	.25	.25	0	%100
85	MP4C	X	-.433	-.433	0	%100
86	MP4C	Z	.25	.25	0	%100
87	M97A	X	-.498	-.498	0	%100
88	M97A	Z	.287	.287	0	%100
89	M98A	X	-.124	-.124	0	%100
90	M98A	Z	.072	.072	0	%100
91	M99	X	-.124	-.124	0	%100
92	M99	Z	.072	.072	0	%100
93	M97B	X	-.268	-.268	0	%100
94	M97B	Z	.155	.155	0	%100
95	M98B	X	0	0	0	%100
96	M98B	Z	0	0	0	%100
97	M101	X	-.607	-.607	0	%100
98	M101	Z	.351	.351	0	%100
99	M102	X	-.607	-.607	0	%100
100	M102	Z	.351	.351	0	%100
101	M103	X	0	0	0	%100
102	M103	Z	0	0	0	%100
103	M104	X	0	0	0	%100
104	M104	Z	0	0	0	%100
105	M105	X	0	0	0	%100
106	M105	Z	0	0	0	%100
107	M106	X	0	0	0	%100
108	M106	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
109	M107	X	0	0	0	%100
110	M107	Z	0	0	0	%100
111	M108	X	0	0	0	%100
112	M108	Z	0	0	0	%100
113	M109	X	-1.073	-1.073	0	%100
114	M109	Z	.62	.62	0	%100
115	M110	X	-.268	-.268	0	%100
116	M110	Z	.155	.155	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M12	X	0	0	0	%100
2	M12	Z	0	0	0	%100
3	M13	X	0	0	0	%100
4	M13	Z	0	0	0	%100
5	M7	X	0	0	0	%100
6	M7	Z	0	0	0	%100
7	M8	X	-1.032	-1.032	0	%100
8	M8	Z	0	0	0	%100
9	M9	X	-1.032	-1.032	0	%100
10	M9	Z	0	0	0	%100
11	M9A	X	-1.049	-1.049	0	%100
12	M9A	Z	0	0	0	%100
13	M10A	X	-1.048	-1.048	0	%100
14	M10A	Z	0	0	0	%100
15	M11A	X	-1.046	-1.046	0	%100
16	M11A	Z	0	0	0	%100
17	M12B	X	-1.049	-1.049	0	%100
18	M12B	Z	0	0	0	%100
19	M23	X	0	0	0	%100
20	M23	Z	0	0	0	%100
21	M16	X	0	0	0	%100
22	M16	Z	0	0	0	%100
23	MP2A	X	-.5	-.5	0	%100
24	MP2A	Z	0	0	0	%100
25	MP3A	X	-.605	-.605	0	%100
26	MP3A	Z	0	0	0	%100
27	MP4A	X	-.5	-.5	0	%100
28	MP4A	Z	0	0	0	%100
29	M26	X	-.375	-.375	0	%100
30	M26	Z	0	0	0	%100
31	MP2C	X	-.605	-.605	0	%100
32	MP2C	Z	0	0	0	%100
33	MP3C	X	-.5	-.5	0	%100
34	MP3C	Z	0	0	0	%100
35	M33	X	-.375	-.375	0	%100
36	M33	Z	0	0	0	%100
37	MP2B	X	-.605	-.605	0	%100
38	MP2B	Z	0	0	0	%100
39	MP3B	X	-.5	-.5	0	%100
40	MP3B	Z	0	0	0	%100
41	M40	X	-.454	-.454	0	%100
42	M40	Z	0	0	0	%100
43	M42A	X	0	0	0	%100
44	M42A	Z	0	0	0	%100
45	M43A	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
46	M43A	Z	0	0	0	%100
47	M44	X	-.454	-.454	0	%100
48	M44	Z	0	0	0	%100
49	M48	X	0	0	0	%100
50	M48	Z	0	0	0	%100
51	MP1C	X	-.5	-.5	0	%100
52	MP1C	Z	0	0	0	%100
53	MP4B	X	-.5	-.5	0	%100
54	MP4B	Z	0	0	0	%100
55	M55	X	-.049	-.049	0	%100
56	M55	Z	0	0	0	%100
57	M56	X	-.113	-.113	0	%100
58	M56	Z	0	0	0	%100
59	M60	X	-.236	-.236	0	%100
60	M60	Z	0	0	0	%100
61	M61	X	-.049	-.049	0	%100
62	M61	Z	0	0	0	%100
63	M62	X	-.113	-.113	0	%100
64	M62	Z	0	0	0	%100
65	M66	X	-.236	-.236	0	%100
66	M66	Z	0	0	0	%100
67	MP1B	X	-.5	-.5	0	%100
68	MP1B	Z	0	0	0	%100
69	MP5A	X	-.5	-.5	0	%100
70	MP5A	Z	0	0	0	%100
71	M73	X	-.049	-.049	0	%100
72	M73	Z	0	0	0	%100
73	M74	X	-.113	-.113	0	%100
74	M74	Z	0	0	0	%100
75	M78	X	-.236	-.236	0	%100
76	M78	Z	0	0	0	%100
77	M79	X	-.049	-.049	0	%100
78	M79	Z	0	0	0	%100
79	M80	X	-.113	-.113	0	%100
80	M80	Z	0	0	0	%100
81	M84	X	-.236	-.236	0	%100
82	M84	Z	0	0	0	%100
83	MP1A	X	-.5	-.5	0	%100
84	MP1A	Z	0	0	0	%100
85	MP4C	X	-.5	-.5	0	%100
86	MP4C	Z	0	0	0	%100
87	M97A	X	-.431	-.431	0	%100
88	M97A	Z	0	0	0	%100
89	M98A	X	-.431	-.431	0	%100
90	M98A	Z	0	0	0	%100
91	M99	X	0	0	0	%100
92	M99	Z	0	0	0	%100
93	M97B	X	0	0	0	%100
94	M97B	Z	0	0	0	%100
95	M98B	X	-.278	-.278	0	%100
96	M98B	Z	0	0	0	%100
97	M101	X	-.701	-.701	0	%100
98	M101	Z	0	0	0	%100
99	M102	X	-.701	-.701	0	%100
100	M102	Z	0	0	0	%100
101	M103	X	-.026	-.026	0	%100
102	M103	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
103	M104	X	-.026	-.026	0	%100
104	M104	Z	0	0	0	%100
105	M105	X	-.026	-.026	0	%100
106	M105	Z	0	0	0	%100
107	M106	X	-.026	-.026	0	%100
108	M106	Z	0	0	0	%100
109	M107	X	-.026	-.026	0	%100
110	M107	Z	0	0	0	%100
111	M108	X	-.026	-.026	0	%100
112	M108	Z	0	0	0	%100
113	M109	X	-.929	-.929	0	%100
114	M109	Z	0	0	0	%100
115	M110	X	-.929	-.929	0	%100
116	M110	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M12	X	-.302	-.302	0	%100
2	M12	Z	-.175	-.175	0	%100
3	M13	X	-.302	-.302	0	%100
4	M13	Z	-.175	-.175	0	%100
5	M7	X	-.298	-.298	0	%100
6	M7	Z	-.172	-.172	0	%100
7	M8	X	-.298	-.298	0	%100
8	M8	Z	-.172	-.172	0	%100
9	M9	X	-1.192	-1.192	0	%100
10	M9	Z	-.688	-.688	0	%100
11	M9A	X	-.304	-.304	0	%100
12	M9A	Z	-.175	-.175	0	%100
13	M10A	X	-.302	-.302	0	%100
14	M10A	Z	-.175	-.175	0	%100
15	M11A	X	-1.21	-1.21	0	%100
16	M11A	Z	-.699	-.699	0	%100
17	M12B	X	-1.21	-1.21	0	%100
18	M12B	Z	-.699	-.699	0	%100
19	M23	X	-.014	-.014	0	%100
20	M23	Z	-.008	-.008	0	%100
21	M16	X	-.108	-.108	0	%100
22	M16	Z	-.062	-.062	0	%100
23	MP2A	X	-.433	-.433	0	%100
24	MP2A	Z	-.25	-.25	0	%100
25	MP3A	X	-.524	-.524	0	%100
26	MP3A	Z	-.302	-.302	0	%100
27	MP4A	X	-.433	-.433	0	%100
28	MP4A	Z	-.25	-.25	0	%100
29	M26	X	-.108	-.108	0	%100
30	M26	Z	-.062	-.062	0	%100
31	MP2C	X	-.524	-.524	0	%100
32	MP2C	Z	-.302	-.302	0	%100
33	MP3C	X	-.433	-.433	0	%100
34	MP3C	Z	-.25	-.25	0	%100
35	M33	X	-.433	-.433	0	%100
36	M33	Z	-.25	-.25	0	%100
37	MP2B	X	-.524	-.524	0	%100
38	MP2B	Z	-.302	-.302	0	%100
39	MP3B	X	-.433	-.433	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
40	MP3B	Z	-.25	-.25	0	%100
41	M40	X	-.295	-.295	0	%100
42	M40	Z	-.17	-.17	0	%100
43	M42A	X	-.068	-.068	0	%100
44	M42A	Z	-.039	-.039	0	%100
45	M43A	X	-.014	-.014	0	%100
46	M43A	Z	-.008	-.008	0	%100
47	M44	X	-.295	-.295	0	%100
48	M44	Z	-.17	-.17	0	%100
49	M48	X	-.068	-.068	0	%100
50	M48	Z	-.039	-.039	0	%100
51	MP1C	X	-.433	-.433	0	%100
52	MP1C	Z	-.25	-.25	0	%100
53	MP4B	X	-.433	-.433	0	%100
54	MP4B	Z	-.25	-.25	0	%100
55	M55	X	-.014	-.014	0	%100
56	M55	Z	-.008	-.008	0	%100
57	M56	X	-.295	-.295	0	%100
58	M56	Z	-.17	-.17	0	%100
59	M60	X	-.068	-.068	0	%100
60	M60	Z	-.039	-.039	0	%100
61	M61	X	-.014	-.014	0	%100
62	M61	Z	-.008	-.008	0	%100
63	M62	X	-.295	-.295	0	%100
64	M62	Z	-.17	-.17	0	%100
65	M66	X	-.068	-.068	0	%100
66	M66	Z	-.039	-.039	0	%100
67	MP1B	X	-.433	-.433	0	%100
68	MP1B	Z	-.25	-.25	0	%100
69	MP5A	X	-.433	-.433	0	%100
70	MP5A	Z	-.25	-.25	0	%100
71	M73	X	-.057	-.057	0	%100
72	M73	Z	-.033	-.033	0	%100
73	M74	X	0	0	0	%100
74	M74	Z	0	0	0	%100
75	M78	X	-.272	-.272	0	%100
76	M78	Z	-.157	-.157	0	%100
77	M79	X	-.057	-.057	0	%100
78	M79	Z	-.033	-.033	0	%100
79	M80	X	0	0	0	%100
80	M80	Z	0	0	0	%100
81	M84	X	-.272	-.272	0	%100
82	M84	Z	-.157	-.157	0	%100
83	MP1A	X	-.433	-.433	0	%100
84	MP1A	Z	-.25	-.25	0	%100
85	MP4C	X	-.433	-.433	0	%100
86	MP4C	Z	-.25	-.25	0	%100
87	M97A	X	-.124	-.124	0	%100
88	M97A	Z	-.072	-.072	0	%100
89	M98A	X	-.498	-.498	0	%100
90	M98A	Z	-.287	-.287	0	%100
91	M99	X	-.124	-.124	0	%100
92	M99	Z	-.072	-.072	0	%100
93	M97B	X	-.268	-.268	0	%100
94	M97B	Z	-.155	-.155	0	%100
95	M98B	X	-.722	-.722	0	%100
96	M98B	Z	-.417	-.417	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
97	M101	X	-.607	-.607	0	%100
98	M101	Z	-.351	-.351	0	%100
99	M102	X	-.607	-.607	0	%100
100	M102	Z	-.351	-.351	0	%100
101	M103	X	-.068	-.068	0	%100
102	M103	Z	-.039	-.039	0	%100
103	M104	X	-.068	-.068	0	%100
104	M104	Z	-.039	-.039	0	%100
105	M105	X	-.068	-.068	0	%100
106	M105	Z	-.039	-.039	0	%100
107	M106	X	-.068	-.068	0	%100
108	M106	Z	-.039	-.039	0	%100
109	M107	X	-.068	-.068	0	%100
110	M107	Z	-.039	-.039	0	%100
111	M108	X	-.068	-.068	0	%100
112	M108	Z	-.039	-.039	0	%100
113	M109	X	-.268	-.268	0	%100
114	M109	Z	-.155	-.155	0	%100
115	M110	X	-1.073	-1.073	0	%100
116	M110	Z	-.62	-.62	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M12	X	-.524	-.524	0	%100
2	M12	Z	-.907	-.907	0	%100
3	M13	X	-.524	-.524	0	%100
4	M13	Z	-.907	-.907	0	%100
5	M7	X	-.516	-.516	0	%100
6	M7	Z	-.894	-.894	0	%100
7	M8	X	0	0	0	%100
8	M8	Z	0	0	0	%100
9	M9	X	-.516	-.516	0	%100
10	M9	Z	-.894	-.894	0	%100
11	M9A	X	-1e-6	-1e-6	0	%100
12	M9A	Z	-2e-6	-2e-6	0	%100
13	M10A	X	0	0	0	%100
14	M10A	Z	0	0	0	%100
15	M11A	X	-.525	-.525	0	%100
16	M11A	Z	-.909	-.909	0	%100
17	M12B	X	-.523	-.523	0	%100
18	M12B	Z	-.906	-.906	0	%100
19	M23	X	-.025	-.025	0	%100
20	M23	Z	-.043	-.043	0	%100
21	M16	X	-.187	-.187	0	%100
22	M16	Z	-.325	-.325	0	%100
23	MP2A	X	-.25	-.25	0	%100
24	MP2A	Z	-.433	-.433	0	%100
25	MP3A	X	-.302	-.302	0	%100
26	MP3A	Z	-.524	-.524	0	%100
27	MP4A	X	-.25	-.25	0	%100
28	MP4A	Z	-.433	-.433	0	%100
29	M26	X	0	0	0	%100
30	M26	Z	0	0	0	%100
31	MP2C	X	-.302	-.302	0	%100
32	MP2C	Z	-.524	-.524	0	%100
33	MP3C	X	-.25	-.25	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
34	MP3C	Z	-.433	-.433	0	%100
35	M33	X	-.187	-.187	0	%100
36	M33	Z	-.325	-.325	0	%100
37	MP2B	X	-.302	-.302	0	%100
38	MP2B	Z	-.524	-.524	0	%100
39	MP3B	X	-.25	-.25	0	%100
40	MP3B	Z	-.433	-.433	0	%100
41	M40	X	-.057	-.057	0	%100
42	M40	Z	-.098	-.098	0	%100
43	M42A	X	-.118	-.118	0	%100
44	M42A	Z	-.204	-.204	0	%100
45	M43A	X	-.025	-.025	0	%100
46	M43A	Z	-.043	-.043	0	%100
47	M44	X	-.057	-.057	0	%100
48	M44	Z	-.098	-.098	0	%100
49	M48	X	-.118	-.118	0	%100
50	M48	Z	-.204	-.204	0	%100
51	MP1C	X	-.25	-.25	0	%100
52	MP1C	Z	-.433	-.433	0	%100
53	MP4B	X	-.25	-.25	0	%100
54	MP4B	Z	-.433	-.433	0	%100
55	M55	X	0	0	0	%100
56	M55	Z	0	0	0	%100
57	M56	X	-.227	-.227	0	%100
58	M56	Z	-.393	-.393	0	%100
59	M60	X	0	0	0	%100
60	M60	Z	0	0	0	%100
61	M61	X	0	0	0	%100
62	M61	Z	0	0	0	%100
63	M62	X	-.227	-.227	0	%100
64	M62	Z	-.393	-.393	0	%100
65	M66	X	0	0	0	%100
66	M66	Z	0	0	0	%100
67	MP1B	X	-.25	-.25	0	%100
68	MP1B	Z	-.433	-.433	0	%100
69	MP5A	X	-.25	-.25	0	%100
70	MP5A	Z	-.433	-.433	0	%100
71	M73	X	-.025	-.025	0	%100
72	M73	Z	-.043	-.043	0	%100
73	M74	X	-.057	-.057	0	%100
74	M74	Z	-.098	-.098	0	%100
75	M78	X	-.118	-.118	0	%100
76	M78	Z	-.204	-.204	0	%100
77	M79	X	-.025	-.025	0	%100
78	M79	Z	-.043	-.043	0	%100
79	M80	X	-.057	-.057	0	%100
80	M80	Z	-.098	-.098	0	%100
81	M84	X	-.118	-.118	0	%100
82	M84	Z	-.204	-.204	0	%100
83	MP1A	X	-.25	-.25	0	%100
84	MP1A	Z	-.433	-.433	0	%100
85	MP4C	X	-.25	-.25	0	%100
86	MP4C	Z	-.433	-.433	0	%100
87	M97A	X	0	0	0	%100
88	M97A	Z	0	0	0	%100
89	M98A	X	-.216	-.216	0	%100
90	M98A	Z	-.373	-.373	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
91	M99	X	-.216	-.216	0	%100
92	M99	Z	-.373	-.373	0	%100
93	M97B	X	-.465	-.465	0	%100
94	M97B	Z	-.805	-.805	0	%100
95	M98B	X	-.556	-.556	0	%100
96	M98B	Z	-.963	-.963	0	%100
97	M101	X	-.351	-.351	0	%100
98	M101	Z	-.607	-.607	0	%100
99	M102	X	-.351	-.351	0	%100
100	M102	Z	-.607	-.607	0	%100
101	M103	X	-.053	-.053	0	%100
102	M103	Z	-.091	-.091	0	%100
103	M104	X	-.053	-.053	0	%100
104	M104	Z	-.091	-.091	0	%100
105	M105	X	-.053	-.053	0	%100
106	M105	Z	-.091	-.091	0	%100
107	M106	X	-.053	-.053	0	%100
108	M106	Z	-.091	-.091	0	%100
109	M107	X	-.053	-.053	0	%100
110	M107	Z	-.091	-.091	0	%100
111	M108	X	-.053	-.053	0	%100
112	M108	Z	-.091	-.091	0	%100
113	M109	X	0	0	0	%100
114	M109	Z	0	0	0	%100
115	M110	X	-.465	-.465	0	%100
116	M110	Z	-.805	-.805	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M12	Y	-2.136	-5.255	.533	1.6
2	M12	Y	-5.255	-6.816	1.6	2.667
3	M12	Y	-6.816	-6.818	2.667	3.733
4	M12B	Y	-.129	-5.768	1.601	2.402
5	M12B	Y	-5.768	-8.723	2.402	3.202
6	M12B	Y	-8.723	-5.006	3.202	4.003
7	M12B	Y	-5.006	-2.935	4.003	4.804
8	M12B	Y	-9.702	-9.136	0	1.334
9	M12B	Y	-9.136	-8.57	1.334	2.669
10	M98B	Y	-7.595	-7.595	.004	1.688
11	M8	Y	-2.707	-3.191	0	.403
12	M8	Y	-3.191	-5.959	.403	.806
13	M8	Y	-5.959	-6.91	.806	1.209
14	M8	Y	-6.91	-2.679	1.209	1.612
15	M8	Y	-2.679	-.024	1.612	2.015
16	M9	Y	-.098	-3.201	3.023	3.426
17	M9	Y	-3.201	-6.124	3.426	3.829
18	M9	Y	-6.124	-5.42	3.829	4.232
19	M9	Y	-5.42	-3.915	4.232	4.635
20	M9	Y	-3.915	-1.951	4.635	5.038
21	M7	Y	-1.957	-3.921	0	.403
22	M7	Y	-3.921	-5.423	.403	.806
23	M7	Y	-5.423	-6.122	.806	1.209
24	M7	Y	-6.122	-3.199	1.209	1.612
25	M7	Y	-3.199	-.098	1.612	2.015
26	M8	Y	-.024	-2.678	3.023	3.426
27	M8	Y	-2.678	-6.909	3.426	3.829

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
28	M8	Y	-6.909	-5.959	3.829	4.232
29	M8	Y	-5.959	-3.193	4.232	4.635
30	M8	Y	-3.193	-2.712	4.635	5.038
31	M10A	Y	-12.798	-16.417	0	.96
32	M10A	Y	-16.417	-12.925	.96	1.92
33	M10A	Y	-12.925	-8.682	1.92	2.88
34	M10A	Y	-8.682	-5.886	2.88	3.84
35	M10A	Y	-5.886	-.349	3.84	4.8
36	M11A	Y	-.992	-5.067	.534	1.494
37	M11A	Y	-5.067	-7.013	1.494	2.455
38	M11A	Y	-7.013	-9.523	2.455	3.416
39	M11A	Y	-9.523	-15.883	3.416	4.377
40	M11A	Y	-15.883	-23.4	4.377	5.337
41	M13	Y	-18.531	-12.762	0	1.2
42	M13	Y	-12.762	-9.984	1.2	2.4
43	M13	Y	-9.984	-7.325	2.4	3.6
44	M13	Y	-7.325	-1.795	3.6	4.8
45	M9A	Y	-1.537	-5.608	.534	1.494
46	M9A	Y	-5.608	-7.556	1.494	2.455
47	M9A	Y	-7.556	-12.835	2.455	3.416
48	M9A	Y	-12.835	-16.523	3.416	4.377
49	M9A	Y	-16.523	-13.167	4.377	5.337
50	M7	Y	-.098	-3.202	3.023	3.426
51	M7	Y	-3.202	-6.124	3.426	3.829
52	M7	Y	-6.124	-5.417	3.829	4.232
53	M7	Y	-5.417	-3.908	4.232	4.635
54	M7	Y	-3.908	-1.941	4.635	5.038
55	M9	Y	-2.71	-3.196	0	.403
56	M9	Y	-3.196	-5.964	.403	.806
57	M9	Y	-5.964	-6.914	.806	1.209
58	M9	Y	-6.914	-2.682	1.209	1.612
59	M9	Y	-2.682	-.024	1.612	2.015

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M12	Y	-1.344	-4.463	0	1.333
2	M12	Y	-4.463	-7.583	1.333	2.667
3	M12B	Y	-6.369	-5.246	2.669	3.558
4	M12B	Y	-5.246	-3.547	3.558	4.448
5	M12B	Y	-3.547	-1.272	4.448	5.337
6	M109	Y	-6.412	-5.658	.189	.869
7	M109	Y	-5.658	-5.232	.869	1.549
8	M109	Y	-5.232	-5.494	1.549	2.229
9	M109	Y	-5.494	-6.118	2.229	2.908
10	M8	Y	-4.96	-5.658	1.511	4.534
11	M12B	Y	-6.7	-6.7	.521	1.945
12	M109	Y	-9.016	-9.016	1.14	2.906
13	M12	Y	.245	-.736	4.267	4.8
14	M12	Y	-.736	-2.7	4.8	5.333
15	M13	Y	-2.4	-.654	0	.533
16	M13	Y	-.654	.218	.533	1.067
17	M8	Y	-1.596	-4.583	0	.403
18	M8	Y	-4.583	-7.673	.403	.806
19	M8	Y	-7.673	-5.645	.806	1.209
20	M8	Y	-5.645	-1.084	1.209	1.612
21	M8	Y	-1.084	-.149	1.612	2.015

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
22	M9	Y	-.143	-1.316	3.023	3.426
23	M9	Y	-1.316	-4.966	3.426	3.829
24	M9	Y	-4.966	-7.017	3.829	4.232
25	M9	Y	-7.017	-5.158	4.232	4.635
26	M9	Y	-5.158	-2.298	4.635	5.038
27	M13	Y	-3.639	-4.942	0	1.778
28	M13	Y	-4.942	-5.36	1.778	3.556
29	M13	Y	-5.36	-4.894	3.556	5.333
30	M9	Y	-4.351	-5.958	.504	2.519
31	M9	Y	-5.958	-7.565	2.519	4.534
32	M9A	Y	-1.148	-4.422	0	1.334
33	M9A	Y	-4.422	-5.11	1.334	2.669
34	M9A	Y	-5.11	-4.113	2.669	4.003
35	M9A	Y	-4.113	-4.018	4.003	5.337
36	M110	Y	-10.118	-12.677	0	1.029
37	M110	Y	-12.677	-12.437	1.029	2.058
38	M110	Y	-12.437	-9.4	2.058	3.087
39	M7	Y	-.143	-1.315	3.023	3.426
40	M7	Y	-1.315	-4.966	3.426	3.829
41	M7	Y	-4.966	-7.017	3.829	4.232
42	M7	Y	-7.017	-5.16	4.232	4.635
43	M7	Y	-5.16	-2.299	4.635	5.038
44	M9	Y	-1.598	-4.584	0	.403
45	M9	Y	-4.584	-7.673	.403	.806
46	M9	Y	-7.673	-5.644	.806	1.209
47	M9	Y	-5.644	-1.084	1.209	1.612
48	M9	Y	-1.084	-.149	1.612	2.015
49	M9A	Y	.246	-.737	4.27	4.804
50	M9A	Y	-.737	-2.701	4.804	5.337
51	M10A	Y	-2.401	-.655	0	.533
52	M10A	Y	-.655	.218	.533	1.067
53	M7	Y	-8.741	-6.848	1.008	2.771
54	M7	Y	-6.848	-4.956	2.771	4.534
55	M10A	Y	-7.099	-3.097	0	1.778
56	M10A	Y	-3.097	-2.733	1.778	3.556
57	M10A	Y	-2.733	-6.008	3.556	5.333
58	M11A	Y	-1.098	-4.374	0	1.334
59	M11A	Y	-4.374	-5.554	1.334	2.669
60	M11A	Y	-5.554	-5.445	2.669	4.003
61	M11A	Y	-5.445	-6.145	4.003	5.337
62	M97B	Y	-9.217	-12.385	0	1.029
63	M97B	Y	-12.385	-12.761	1.029	2.058
64	M97B	Y	-12.761	-10.345	2.058	3.087
65	M7	Y	-1.599	-4.585	0	.403
66	M7	Y	-4.585	-7.673	.403	.806
67	M7	Y	-7.673	-5.644	.806	1.209
68	M7	Y	-5.644	-1.084	1.209	1.612
69	M7	Y	-1.084	-.149	1.612	2.015
70	M8	Y	-.143	-1.315	3.023	3.426
71	M8	Y	-1.315	-4.965	3.426	3.829
72	M8	Y	-4.965	-7.017	3.829	4.232
73	M8	Y	-7.017	-5.161	4.232	4.635
74	M8	Y	-5.161	-2.301	4.635	5.038
75	M11A	Y	.246	-.737	4.27	4.804
76	M11A	Y	-.737	-2.703	4.804	5.337
77	M12B	Y	-2.402	-.655	0	.534
78	M12B	Y	-.655	.218	.534	1.067

Member Distributed Loads (BLC 89 : BLC 84 Transient Area Loads)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M12	Y	-.031	-.103	0	1.333
2	M12	Y	-.103	-.175	1.333	2.667
3	M12B	Y	-.147	-.121	2.669	3.558
4	M12B	Y	-.121	-.082	3.558	4.448
5	M12B	Y	-.082	-.029	4.448	5.337
6	M109	Y	-.148	-.131	.189	.869
7	M109	Y	-.131	-.121	.869	1.549
8	M109	Y	-.121	-.127	1.549	2.229
9	M109	Y	-.127	-.141	2.229	2.909
10	M8	Y	-.114	-.131	1.511	4.534
11	M12B	Y	-.155	-.155	.521	1.945
12	M109	Y	-.208	-.208	1.14	2.906
13	M12	Y	.006	-.017	4.267	4.8
14	M12	Y	-.017	-.062	4.8	5.333
15	M13	Y	-.055	-.015	0	.533
16	M13	Y	-.015	.005	.533	1.067
17	M8	Y	-.037	-.106	0	.403
18	M8	Y	-.106	-.177	.403	.806
19	M8	Y	-.177	-.13	.806	1.209
20	M8	Y	-.13	-.025	1.209	1.612
21	M8	Y	-.025	-.003	1.612	2.015
22	M9	Y	-.003	-.03	3.023	3.426
23	M9	Y	-.03	-.115	3.426	3.829
24	M9	Y	-.115	-.162	3.829	4.232
25	M9	Y	-.162	-.119	4.232	4.635
26	M9	Y	-.119	-.053	4.635	5.038
27	M7	Y	-.053	-.119	0	.403
28	M7	Y	-.119	-.162	.403	.806
29	M7	Y	-.162	-.115	.806	1.209
30	M7	Y	-.115	-.03	1.209	1.612
31	M7	Y	-.03	-.003	1.612	2.015
32	M8	Y	-.003	-.025	3.023	3.426
33	M8	Y	-.025	-.13	3.426	3.829
34	M8	Y	-.13	-.177	3.829	4.232
35	M8	Y	-.177	-.106	4.232	4.635
36	M8	Y	-.106	-.037	4.635	5.038
37	M11A	Y	.005	-.015	4.27	4.804
38	M11A	Y	-.015	-.055	4.804	5.337
39	M12B	Y	-.062	-.017	0	.534
40	M12B	Y	-.017	.006	.534	1.067
41	M7	Y	-.202	-.158	1.008	2.771
42	M7	Y	-.158	-.114	2.771	4.534
43	M10A	Y	-.164	-.071	0	1.778
44	M10A	Y	-.071	-.063	1.778	3.556
45	M10A	Y	-.063	-.139	3.556	5.333
46	M11A	Y	-.025	-.101	0	1.334
47	M11A	Y	-.101	-.128	1.334	2.669
48	M11A	Y	-.128	-.126	2.669	4.003
49	M11A	Y	-.126	-.142	4.003	5.337
50	M97B	Y	-.213	-.286	0	1.029
51	M97B	Y	-.286	-.295	1.029	2.058
52	M97B	Y	-.295	-.239	2.058	3.087
53	M13	Y	-.084	-.114	0	1.778
54	M13	Y	-.114	-.124	1.778	3.556
55	M13	Y	-.124	-.113	3.556	5.333
56	M9	Y	-.1	-.137	.504	2.519
57	M9	Y	-.137	-.175	2.519	4.534

Member Distributed Loads (BLC 89 : BLC 84 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	M9A	Y	-.026	-.102	0	1.334
59	M9A	Y	-.102	-.118	1.334	2.669
60	M9A	Y	-.118	-.095	2.669	4.003
61	M9A	Y	-.095	-.093	4.003	5.337
62	M110	Y	-.233	-.293	0	1.029
63	M110	Y	-.293	-.287	1.029	2.058
64	M110	Y	-.287	-.217	2.058	3.087
65	M7	Y	-.003	-.03	3.023	3.426
66	M7	Y	-.03	-.115	3.426	3.829
67	M7	Y	-.115	-.162	3.829	4.232
68	M7	Y	-.162	-.119	4.232	4.635
69	M7	Y	-.119	-.053	4.635	5.038
70	M9	Y	-.037	-.106	0	.403
71	M9	Y	-.106	-.177	.403	.806
72	M9	Y	-.177	-.13	.806	1.209
73	M9	Y	-.13	-.025	1.209	1.612
74	M9	Y	-.025	-.003	1.612	2.015
75	M9A	Y	.006	-.017	4.27	4.804
76	M9A	Y	-.017	-.062	4.804	5.337
77	M10A	Y	-.055	-.015	0	.533
78	M10A	Y	-.015	.005	.533	1.067

Member Distributed Loads (BLC 90 : BLC 85 Transient Area Loads)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M12	Z	-.077	-.258	0	1.333
2	M12	Z	-.258	-.438	1.333	2.667
3	M12B	Z	-.367	-.303	2.669	3.558
4	M12B	Z	-.303	-.205	3.558	4.448
5	M12B	Z	-.205	-.073	4.448	5.337
6	M109	Z	-.37	-.327	.189	.869
7	M109	Z	-.327	-.302	.869	1.549
8	M109	Z	-.302	-.317	1.549	2.229
9	M109	Z	-.317	-.353	2.229	2.909
10	M8	Z	-.286	-.327	1.511	4.534
11	M12B	Z	-.387	-.387	.521	1.945
12	M109	Z	-.52	-.52	1.14	2.906
13	M12	Z	.014	-.042	4.267	4.8
14	M12	Z	-.042	-.156	4.8	5.333
15	M13	Z	-.138	-.038	0	.533
16	M13	Z	-.038	.013	.533	1.067
17	M8	Z	-.092	-.264	0	.403
18	M8	Z	-.264	-.443	.403	.806
19	M8	Z	-.443	-.326	.806	1.209
20	M8	Z	-.326	-.063	1.209	1.612
21	M8	Z	-.063	-.009	1.612	2.015
22	M9	Z	-.008	-.076	3.023	3.426
23	M9	Z	-.076	-.287	3.426	3.829
24	M9	Z	-.287	-.405	3.829	4.232
25	M9	Z	-.405	-.298	4.232	4.635
26	M9	Z	-.298	-.133	4.635	5.038
27	M7	Z	-.133	-.298	0	.403
28	M7	Z	-.298	-.405	.403	.806
29	M7	Z	-.405	-.286	.806	1.209
30	M7	Z	-.286	-.076	1.209	1.612
31	M7	Z	-.076	-.008	1.612	2.015
32	M8	Z	-.009	-.063	3.023	3.426

Member Distributed Loads (BLC 90 : BLC 85 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
33	M8	Z	-.063	-.326	3.426	3.829
34	M8	Z	-.326	-.443	3.829	4.232
35	M8	Z	-.443	-.264	4.232	4.635
36	M8	Z	-.264	-.092	4.635	5.038
37	M11A	Z	.013	-.038	4.27	4.804
38	M11A	Z	-.038	-.139	4.804	5.337
39	M12B	Z	-.156	-.043	0	.534
40	M12B	Z	-.043	.014	.534	1.067
41	M7	Z	-.504	-.395	1.008	2.771
42	M7	Z	-.395	-.286	2.771	4.534
43	M10A	Z	-.41	-.179	0	1.778
44	M10A	Z	-.179	-.158	1.778	3.556
45	M10A	Z	-.158	-.347	3.556	5.333
46	M11A	Z	-.063	-.252	0	1.334
47	M11A	Z	-.252	-.32	1.334	2.669
48	M11A	Z	-.32	-.314	2.669	4.003
49	M11A	Z	-.314	-.355	4.003	5.337
50	M97B	Z	-.532	-.715	0	1.029
51	M97B	Z	-.715	-.736	1.029	2.058
52	M97B	Z	-.736	-.597	2.058	3.087
53	M13	Z	-.21	-.285	0	1.778
54	M13	Z	-.285	-.309	1.778	3.556
55	M13	Z	-.309	-.282	3.556	5.333
56	M9	Z	-.251	-.344	.504	2.519
57	M9	Z	-.344	-.436	2.519	4.534
58	M9A	Z	-.066	-.255	0	1.334
59	M9A	Z	-.255	-.295	1.334	2.669
60	M9A	Z	-.295	-.237	2.669	4.003
61	M9A	Z	-.237	-.232	4.003	5.337
62	M110	Z	-.584	-.731	0	1.029
63	M110	Z	-.731	-.718	1.029	2.058
64	M110	Z	-.718	-.542	2.058	3.087
65	M7	Z	-.008	-.076	3.023	3.426
66	M7	Z	-.076	-.287	3.426	3.829
67	M7	Z	-.287	-.405	3.829	4.232
68	M7	Z	-.405	-.297	4.232	4.635
69	M7	Z	-.297	-.132	4.635	5.038
70	M9	Z	-.093	-.265	0	.403
71	M9	Z	-.265	-.443	.403	.806
72	M9	Z	-.443	-.326	.806	1.209
73	M9	Z	-.326	-.063	1.209	1.612
74	M9	Z	-.063	-.009	1.612	2.015
75	M9A	Z	.014	-.042	4.27	4.804
76	M9A	Z	-.042	-.156	4.804	5.337
77	M10A	Z	-.138	-.038	0	.533
78	M10A	Z	-.038	.013	.533	1.067

Member Distributed Loads (BLC 91 : BLC 86 Transient Area Loads)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M12	X	.077	.258	0	1.333
2	M12	X	.258	.438	1.333	2.667
3	M12B	X	.367	.303	2.669	3.558
4	M12B	X	.303	.205	3.558	4.448
5	M12B	X	.205	.073	4.448	5.337
6	M109	X	.37	.327	.189	.869
7	M109	X	.327	.302	.869	1.549

Member Distributed Loads (BLC 91 : BLC 86 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
8	M109	X	.302	.317	1.549	2.229
9	M109	X	.317	.353	2.229	2.909
10	M8	X	.286	.327	1.511	4.534
11	M12B	X	.387	.387	.521	1.945
12	M109	X	.52	.52	1.14	2.906
13	M12	X	-.014	.042	4.267	4.8
14	M12	X	.042	.156	4.8	5.333
15	M13	X	.138	.038	0	.533
16	M13	X	.038	-.013	.533	1.067
17	M8	X	.092	.264	0	.403
18	M8	X	.264	.443	.403	.806
19	M8	X	.443	.326	.806	1.209
20	M8	X	.326	.063	1.209	1.612
21	M8	X	.063	.009	1.612	2.015
22	M9	X	.008	.076	3.023	3.426
23	M9	X	.076	.287	3.426	3.829
24	M9	X	.287	.405	3.829	4.232
25	M9	X	.405	.298	4.232	4.635
26	M9	X	.298	.133	4.635	5.038
27	M7	X	.133	.298	0	.403
28	M7	X	.298	.405	.403	.806
29	M7	X	.405	.286	.806	1.209
30	M7	X	.286	.076	1.209	1.612
31	M7	X	.076	.008	1.612	2.015
32	M8	X	.009	.063	3.023	3.426
33	M8	X	.063	.326	3.426	3.829
34	M8	X	.326	.443	3.829	4.232
35	M8	X	.443	.264	4.232	4.635
36	M8	X	.264	.092	4.635	5.038
37	M11A	X	-.013	.038	4.27	4.804
38	M11A	X	.038	.139	4.804	5.337
39	M12B	X	.156	.043	0	.534
40	M12B	X	.043	-.014	.534	1.067
41	M7	X	.504	.395	1.008	2.771
42	M7	X	.395	.286	2.771	4.534
43	M10A	X	.41	.179	0	1.778
44	M10A	X	.179	.158	1.778	3.556
45	M10A	X	.158	.347	3.556	5.333
46	M11A	X	.063	.252	0	1.334
47	M11A	X	.252	.32	1.334	2.669
48	M11A	X	.32	.314	2.669	4.003
49	M11A	X	.314	.355	4.003	5.337
50	M97B	X	.532	.715	0	1.029
51	M97B	X	.715	.736	1.029	2.058
52	M97B	X	.736	.597	2.058	3.087
53	M13	X	.21	.285	0	1.778
54	M13	X	.285	.309	1.778	3.556
55	M13	X	.309	.282	3.556	5.333
56	M9	X	.251	.344	.504	2.519
57	M9	X	.344	.436	2.519	4.534
58	M9A	X	.066	.255	0	1.334
59	M9A	X	.255	.295	1.334	2.669
60	M9A	X	.295	.237	2.669	4.003
61	M9A	X	.237	.232	4.003	5.337
62	M110	X	.584	.731	0	1.029
63	M110	X	.731	.718	1.029	2.058
64	M110	X	.718	.542	2.058	3.087

Member Distributed Loads (BLC 91 : BLC 86 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
65	M7	X	.008	.076	3.023	3.426
66	M7	X	.076	.287	3.426	3.829
67	M7	X	.287	.405	3.829	4.232
68	M7	X	.405	.297	4.232	4.635
69	M7	X	.297	.132	4.635	5.038
70	M9	X	.093	.265	0	.403
71	M9	X	.265	.443	.403	.806
72	M9	X	.443	.326	.806	1.209
73	M9	X	.326	.063	1.209	1.612
74	M9	X	.063	.009	1.612	2.015
75	M9A	X	-.014	.042	4.27	4.804
76	M9A	X	.042	.156	4.804	5.337
77	M10A	X	.138	.038	0	.533
78	M10A	X	.038	-.013	.533	1.067

Member Area Loads (BLC 39 : Structure D)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N189	N188	N102	N103	Y	A-B	-.009
2	N192	N188	N15	N159A	Y	A-B	-.009
3	N157A	N161A	N17	N16	Y	A-B	-.009
4	N160A	N156A	N22A	N15	Y	A-B	-.009
5	N22A	N21	N51	N52	Y	A-B	-.009
6	N17	N18	N127	N126	Y	A-B	-.009
7	N159	N158	N18	N21	Y	A-B	-.009

Member Area Loads (BLC 40 : Structure Di)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N188	N189	N103	N102	Y	Two Way	-.01
2	N192	N188	N15	N159A	Y	Two Way	-.01
3	N157A	N161A	N17	N16	Y	Two Way	-.01
4	N17	N18	N127	N126	Y	Two Way	-.01
5	N158	N159	N21	N18	Y	Two Way	-.01
6	N22A	N21	N51	N52	Y	Two Way	-.01
7	N156A	N160A	N15	N22A	Y	Two Way	-.01

Member Area Loads (BLC 84 : Structure Ev)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N189	N188	N102	N103	Y	Two Way	-.000232
2	N192	N188	N15	N159A	Y	Two Way	-.000232
3	N157A	N161A	N17	N16	Y	Two Way	-.000232
4	N160A	N156A	N22A	N15	Y	Two Way	-.000232
5	N22A	N21	N51	N52	Y	Two Way	-.000232
6	N17	N18	N127	N126	Y	Two Way	-.000232
7	N159	N158	N18	N21	Y	Two Way	-.000232

Member Area Loads (BLC 85 : Structure Eh (0 Deg))

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N189	N188	N102	N103	Z	Two Way	-.00058
2	N192	N188	N15	N159A	Z	Two Way	-.00058
3	N157A	N161A	N17	N16	Z	Two Way	-.00058
4	N160A	N156A	N22A	N15	Z	Two Way	-.00058
5	N22A	N21	N51	N52	Z	Two Way	-.00058
6	N17	N18	N127	N126	Z	Two Way	-.00058
7	N159	N158	N18	N21	Z	Two Way	-.00058

Member Area Loads (BLC 86 : Structure Eh (90 Deg))

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N189	N188	N102	N103	X	Two Way	.00058
2	N192	N188	N15	N159A	X	Two Way	.00058
3	N157A	N161A	N17	N16	X	Two Way	.00058
4	N160A	N156A	N22A	N15	X	Two Way	.00058
5	N22A	N21	N51	N52	X	Two Way	.00058
6	N17	N18	N127	N126	X	Two Way	.00058
7	N159	N158	N18	N21	X	Two Way	.00058

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	N20A	max	3.44	12	1928.243	7	1406.521	7	0	75	0	75	0	75
2		min	-3.44	2	-6456.07	1	-1389.019	1	0	1	0	1	0	1
3	N20	max	2168.946	12	5184.206	2	989.773	12	0	75	0	75	0	75
4		min	-2145.5	6	-1798.282	8	-1026.51	6	0	1	0	1	0	1
5	N21A	max	2034.955	8	5743.298	12	1031.856	2	0	75	0	75	0	75
6		min	-2068.751	2	-2564.611	6	-1015.922	8	0	1	0	1	0	1
7	N28	max	1228	5	1915.395	11	708.986	5	0	75	0	75	0	75
8		min	-1241.06	11	-7183.137	5	-716.527	11	0	1	0	1	0	1
9	N19	max	1510.955	3	1478.835	3	892.219	9	0	75	0	75	0	75
10		min	-1545.368	9	-6205.991	9	-872.35	3	0	1	0	1	0	1
11	N158A	max	465.404	11	5061.423	10	2193.536	2	0	75	0	75	0	75
12		min	-490.847	5	-1915.107	4	-2177.346	8	0	1	0	1	0	1
13	N159A	max	2644.93	10	5628.383	8	1218.141	11	0	75	0	75	0	75
14		min	-2554.821	4	-1842.124	2	-1294.236	5	0	1	0	1	0	1
15	N160B	max	1869.862	10	5946.897	6	1306.851	4	0	75	0	75	0	75
16		min	-1869.512	4	-1771.647	12	-1234.825	10	0	1	0	1	0	1
17	N161B	max	460.428	8	6052.146	4	2500.382	12	0	75	0	75	0	75
18		min	-471.426	2	-2584.083	10	-2522.424	6	0	1	0	1	0	1
19	Totals:	max	5268.723	10	7243.776	24	5251.225	1						
20		min	-5268.731	4	2402.286	69	-5251.219	7						

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

	Member	Shape	Code C...	Loc[ft]	LC	Shear ...	Loc[ft]	Dir	LC	phi*Pnc [l...	phi*Pnt [lb]	phi*Mn y-...	phi*Mn z-...	Cb	Eqn
1	M73	PL5/16x6	.305	.407	2	.811	.814	y	16	32784.165	60750	.396	7.594	1....	H1-1b
2	M55	PL5/16x6	.300	.407	6	.804	.407	y	22	32784.165	60750	.396	7.341	1....	H1-1b
3	M23	PL5/16x6	.300	.407	4	.804	.407	y	24	32784.165	60750	.396	7.337	1....	H1-1b
4	M79	PL5/16x6	.180	.407	8	.802	.407	y	17	32784.165	60750	.396	7.594	1....	H1-1b
5	M61	PL5/16x6	.177	.407	6	.799	.407	y	21	32784.165	60750	.396	6.925	1....	H1-1b
6	M43A	PL5/16x6	.177	.407	10	.798	.407	y	13	32784.165	60750	.396	6.938	1....	H1-1b
7	M11A	C5X6.7	.665	5.059	1	.723	3.113	y	11	25816.014	63828	1.604	9.585	1....	H1-1b
8	M12	C5X6.7	.614	5.056	6	.714	3.722	y	6	25851.649	63828	1.604	9.585	1....	H1-1b
9	M12B	C5X6.7	.724	.334	11	.702	2.224	y	11	25816.014	63828	1.604	9.585	1.9	H1-1b
10	M13	C5X6.7	.594	.278	5	.690	4.278	y	2	25851.649	63828	1.604	9.585	2....	H1-1b
11	M10A	C5X6.7	.742	.278	1	.653	2.222	y	3	25851.649	63828	1.604	9.585	2....	H1-1b
12	M9A	C5X6.7	.746	5.059	5	.647	3.113	y	2	25816.014	63828	1.604	9.585	1....	H1-1b
13	M97A	L2.5x2.5x4	.585	1.042	10	.371	0	y	6	37214.881	38556	1.114	2.537	1....	H2-1
14	M99	L2.5x2.5x4	.528	1.042	2	.339	0	y	4	37214.881	38556	1.114	2.537	1....	H2-1
15	M98A	L2.5x2.5x4	.565	1.042	6	.306	0	y	2	37214.881	38556	1.114	2.537	1....	H2-1
16	MP2A	PIPE_2.0	.350	4.563	8	.273	1.625		7	20866.733	32130	1.872	1.872	2....	H1-1b
17	M9	C5X6.7	.522	2.099	5	.247	2.677	y	7	28492.255	63828	1.604	9.585	1....	H1-1b
18	M7	C5X6.7	.485	2.099	1	.244	2.414	y	11	28492.255	63828	1.604	9.585	1....	H1-1b
19	M8	C5X6.7	.552	2.099	9	.231	2.624	y	11	28492.255	63828	1.604	9.585	1....	H1-1b
20	MP3B	PIPE_2.0	.517	4.073	9	.201	4.073		11	13511.278	32130	1.872	1.872	4....	H1-1b
21	MP3C	PIPE_2.0	.604	4.073	1	.201	4.073		3	13511.278	32130	1.872	1.872	3....	H1-1b

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

	Member	Shape	Code C...	Loc[ft]	LC	Shear ...	Loc[ft]	Dir	LC	phi*Pnc [l..	phi*Pnt [lb]	phi*Mn y-...	phi*Mn z-...	Cb	Eqn
22	MP4A	PIPE_2.0	.614	4.073	5	.200	2.479		7	13511.278	32130	1.872	1.872	4....	H1-1b
23	M16	PIPE_2.0	.530	6.135	7	.198	8.807		6	10899.277	32130	1.872	1.872	2....	H1-1b
24	MP2B	PIPE_2.5	.435	5	1	.176	5		9	30038.461	50715	3.596	3.596	2....	H1-1b
25	MP1B	PIPE_2.0	.174	3.719	8	.174	4.073		8	13511.278	32130	1.872	1.872	2....	H1-1b
26	MP1C	PIPE_2.0	.174	3.719	12	.174	4.073		12	13511.278	32130	1.872	1.872	2....	H1-1b
27	MP4B	PIPE_2.0	.174	3.719	2	.174	4.073		2	13511.278	32130	1.872	1.872	2....	H1-1b
28	MP5A	PIPE_2.0	.174	3.719	10	.174	4.073		10	13511.278	32130	1.872	1.872	2....	H1-1b
29	MP1A	PIPE_2.0	.174	3.719	4	.173	4.073		4	13511.278	32130	1.872	1.872	2....	H1-1b
30	MP4C	PIPE_2.0	.174	3.719	6	.173	4.073		6	13511.278	32130	1.872	1.872	2....	H1-1b
31	MP3A	PIPE_2.5	.354	5	10	.167	5		5	30038.461	50715	3.596	3.596	2....	H1-1b
32	MP2C	PIPE_2.5	.498	5	5	.166	5		1	30038.461	50715	3.596	3.596	2....	H1-1b
33	M26	PIPE_2.0	.516	6.135	3	.152	3.167		6	10899.277	32130	1.872	1.872	1....	H1-1b
34	M33	PIPE_2.0	.566	6.135	11	.135	3.167		1	10899.277	32130	1.872	1.872	1....	H1-1b
35	M98B	C5X6.7	.238	1.688	5	.103	1.389	z	6	58306.184	63828	1.604	9.585	1....	H1-1b
36	M109	C5X6.7	.157	0	8	.061	.225	z	10	47155.602	63828	1.604	9.585	1....	H1-1b
37	M78	HSS2X2X2	.190	.562	5	.060	.562	z	5	34046.87	34776	2.015	2.015	1....	H1-1b
38	M42A	HSS2X2X2	.190	.563	1	.060	.563	z	1	34046.87	34776	2.015	2.015	1....	H1-1b
39	M60	HSS2X2X2	.190	.562	9	.060	.562	z	9	34046.87	34776	2.015	2.015	1....	H1-1b
40	M108	SR_0.5	.009	.542	24	.036	0		10	3599.898	6361.74	.053	.053	1....	H1-1b
41	M107	SR_0.5	.009	.542	24	.035	1.083		10	3599.898	6361.74	.053	.053	1....	H1-1b
42	M74	C6X10.5	.219	0	14	.033	1.01	y	8	88651.956	99468	2.428	16.686	1....	H1-1b
43	M56	C6X10.5	.219	0	24	.033	1.01	y	12	88651.956	99468	2.428	16.686	1....	H1-1b
44	M40	C6X10.5	.219	0	22	.033	1.01	y	10	88651.956	99468	2.428	16.686	1....	H1-1b
45	M84	HSS2X2X2	.082	1.125	10	.033	1.125	z	5	34046.87	34776	2.015	2.015	1....	H1-1b
46	M48	HSS2X2X2	.083	0	2	.033	1.125	z	1	34046.87	34776	2.015	2.015	1....	H1-1b
47	M66	HSS2X2X2	.083	1.125	8	.033	0	z	9	34046.87	34776	2.015	2.015	1....	H1-1b
48	M106	SR_0.5	.010	.542	24	.030	0		10	3599.898	6361.74	.053	.053	1....	H1-1b
49	M103	SR_0.5	.010	.542	24	.027	1.083		6	3599.898	6361.74	.053	.053	1....	H1-1b
50	M97B	C5X6.7	.110	3.087	3	.026	1.575	y	4	47155.602	63828	1.604	9.585	2....	H1-1b
51	M104	SR_0.5	.012	1.083	4	.026	0		6	3599.898	6361.74	.053	.053	1....	H1-1b*
52	M105	SR_0.5	.035	1.083	4	.020	1.083		8	3599.898	6361.74	.053	.053	1....	H1-1b*
53	M80	C6X10.5	.203	0	14	.020	1.053	y	8	88651.956	99468	2.428	16.686	1....	H1-1b
54	M44	C6X10.5	.203	0	22	.020	1.053	y	10	88651.956	99468	2.428	16.686	1....	H1-1b
55	M62	C6X10.5	.203	0	24	.020	1.053	y	6	88651.956	99468	2.428	16.686	1....	H1-1b
56	M110	C5X6.7	.069	0	9	.019	1.479	y	2	47155.602	63828	1.604	9.585	2....	H1-1b
57	M101	L2x2x4	.171	2.188	10	.017	2.188	y	10	6161.249	30585.6	.691	1.577	2....	H2-1
58	M102	L2x2x4	.091	2.5	11	.009	2.188	y	11	6161.249	30585.6	.691	1.503	1....	H2-1

VzW SMART Tool© Vendor

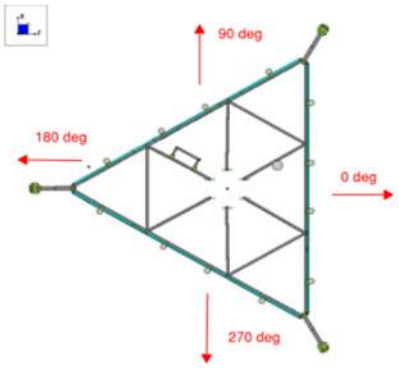
Client:	Verizon Wireless	Date:	7/23/2023
Site Name:	HAWLEYVILLE CT		
MDG #:	5000385799		
Fuze ID #:	17123980	Page:	1

Version 1.01

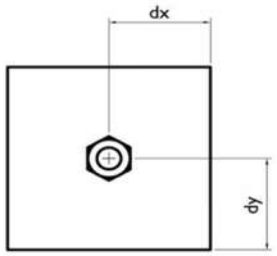
I. Mount-to-Tower Connection Check

Custom Orientation Required	Yes

Nodes (labeled per Risa)	Orientation (per graphic of typical platform)
N20A	180
N20	180
N21A	180
N28	60
N19	60
N158A	60
N159A	300
N160B	300
N161B	300



Tower Connection Bolt Checks	Yes
Bolt Orientation	Parallel
Bolt Quantity per Reaction:	1
d_x (in) *(Delta X of typ. bolt config. sketch)* :	5
d_y (in) *(Delta Y of typ. bolt config. sketch)* :	0.9
Bolt Type:	A325N
Bolt Diameter (in):	0.625
Required Tensile Strength / bolt (kips):	0.0
Required Shear Strength / bolt (kips):	7.2
Tensile Capacity / bolt (kips):	20.7
Shear Capacity / bolt (kips):	12.4
Bolt Overall Utilization:	**57.8%**
Tower Connection Baseplate Checks	No



NO MOMENT RESISTANCE

Tower Connection Weld Checks	No

EXHIBIT 5

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Non-Ionizing Electromagnetic Radiation (NIER) Study

Site Number:
302518

Site Name:
Newton CT 3

Location:
Newton, Connecticut

Tenants:
AT&T Mobility, T-Mobile, Dish Wireless, & Verizon Wireless

Prepared For:

American Tower, Inc.
Woburn, Massachusetts

August 22nd, 2023

94007 P-404979

Prepared By:

Adam Carlson MS, CBRE, CPI
Program Manager RF Design & Service
Tower Engineering Professionals

Approved By:

08/24/23

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Non-Ionizing Electromagnetic Radiation (NIER) Study

302518 Newton CT 3
Newton, Connecticut

INTRODUCTION

Tower Engineering Professionals RF Design & Services Division (TEP-RF) of Raleigh, North Carolina, has been retained by American Tower, Inc. (ATC), of Woburn, Massachusetts to evaluate the RF emissions compared to the Maximum Permissible Exposure (MPE) limit for facilities at this location. This evaluation uses compliance standards as outlined in Federal Communications Commission (FCC) document OET-65.

SITE AND FACILITY CONSIDERATIONS

Site 302518 Newton CT 3 is located at 25 Meridian Ridge Dr., in Newton, Connecticut at coordinates 41.425542, -73.374087. The support structure is a 153' monopole. An aerial view of the tower can be found in Appendix 1, Site Photos. The tenants are AT&T Mobility (AT&T), Dish Wireless (Dish), T-Mobile (T-Mobile), & Verizon Wireless (VZW). A table listing all antennae and effective radiated power (ERP) levels that were used in this study may be found in Appendix 2, Antenna Inventory.

POWER DENSITY CALCULATIONS

Power densities were calculated based on FCC MPE limits for both General Population/Uncontrolled and Occupational/Controlled environments.

For the purpose of this study, a radius of 100' from the base of the tower with a height of 6' above ground level was used, beyond 100' the MPE levels become *di minimus*. This study utilized FCC recognized and accepted software programs using the maximum ERP levels for the antenna models provided by ATC. Diagrams depicting the predicted spatial average power density level at any specific location may be found in Appendix 3, MPE Limit Study. A discussion regarding the FCC limits may be found in Appendix 4, Information Pertaining to MPE Studies. Study methodology describing Non-ionizing Radiation Prediction Models used in this study may be found in Appendix 5, MPE Standards Methodology.

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All data used in this study was collected from one or more of the following sources:

- ATC furnished data and does not include other unidentified communication facilities.
- Load List at 302518 Newtown CT 3.RF NIER Study 7/25/23.
- FCC databases.
- Carrier standard configurations.
- Empirical data collected by TEP.

SITE MITIGATION & CONTROL

In order to comply with FCC, tenant, & ATC requirements, TEP recommends the placement of signage at the base of the tower and all compound access points to alert workers of potential exposure to RF fields while working on or near the antennae.

TEP recommends that all personnel working on this tower be trained in RF safety procedures and carry a personal RF monitor at all times.

COMPLIANCE DETERMINATION

This installation ***IS*** in compliance with current FCC MPE limits as described in FCC OET-65.

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APPENDIX 1 Site Photos

Aerial View of Site

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Appendix 2.1 Antenna Inventory

302518 Newton CT 3							
Antenna Inventory							
Antenna #	Carrier	Antenna Manufacturer	Antenna Model	Frequency Band (MHz)	Azmiuth (°)	Effective Radiated Power (W)	Radiation Center (ft)
1	AT&T	Power Wave	7770	800	023	10916	152
2	AT&T	Power Wave	7770	800	143	10916	152
3	AT&T	Power Wave	7770	800	263	10916	152
4	AT&T	Scala	80010965	700/800/1800/2300	090	21833	152
5	AT&T	Scala	80010965	700/800/1800/2300	210	21833	152
6	AT&T	Scala	80010965	700/800/1800/2300	330	21833	152
7	AT&T	Scala	80010965	700/800/1800/2300	090	21833	152
8	AT&T	Scala	80010965	700/800/1800/2300	210	21833	152
9	AT&T	Scala	80010965	700/800/1800/2300	330	21833	152
10	Verizon	Andrew	DB846H80E-SX	800	030	24830	143
11	Verizon	Andrew	DB846H80E-SX	800	150	24830	143
12	Verizon	Andrew	DB846H80E-SX	800	270	24830	143
13	Verizon	Andrew	DB846H80E-SX	800	030	24830	143
14	Verizon	Andrew	DB846H80E-SX	800	150	24830	143
15	Verizon	Andrew	DB846H80E-SX	800	270	24830	143
16	Verizon	Commscope	JAHH-65B-R3B	700/800/1900/2100	030	32168	143
17	Verizon	Commscope	JAHH-65B-R3B	700/800/1900/2100	150	32168	143
18	Verizon	Commscope	JAHH-65B-R3B	700/800/1900/2100	270	32168	143
19	Verizon	Commscope	JAHH-65B-R3B	700/800/1900/2100	030	32168	143
20	Verizon	Commscope	JAHH-65B-R3B	700/800/1900/2100	150	32168	143
21	Verizon	Commscope	JAHH-65B-R3B	700/800/1900/2100	270	32168	143
22	Verizon	Samsung	Generic	3700/3800/3900	010	1219	140
23	Verizon	Samsung	Generic	3700/3800/3900	150	1219	140
24	Verizon	Samsung	Generic	3700/3800/3900	270	1219	140

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Appendix 2.2 Antenna Inventory

302518 Newton CT 3							
Antenna Inventory							
Antenna #	Carrier	Antenna Manufacturer	Antenna Model	Frequency Band (MHz)	Azmiuth (°)	Effective Radiated Power (W)	Radiation Center (ft)
25	Verizon	Samsung	Generic	3700/3800/3900	010	1219	140
26	Verizon	Samsung	Generic	3700/3800/3900	150	1219	140
27	Verizon	Samsung	Generic	3700/3800/3900	270	1219	140
28	Verizon	Andrew	DB846H80E-SX	800	030	24830	140
29	Verizon	Andrew	DB846H80E-SX	800	150	24830	140
30	Verizon	Andrew	DB846H80E-SX	800	270	24830	140
31	Verizon	Andrew	DB846H80E-SX	800	030	24830	140
32	Verizon	Andrew	DB846H80E-SX	800	150	24830	140
33	Verizon	Andrew	DB846H80E-SX	800	270	24830	140
34	Verizon	Commscope	JAHH-65B-R3B	700/800/1900/2100	030	32168	140
35	Verizon	Commscope	JAHH-65B-R3B	700/800/1900/2100	150	32168	140
36	Verizon	Commscope	JAHH-65B-R3B	700/800/1900/2100	270	32168	140
37	Verizon	Commscope	JAHH-65B-R3B	700/800/1900/2100	030	32168	140
38	Verizon	Commscope	JAHH-65B-R3B	700/800/1900/2100	150	32168	140
39	Verizon	Commscope	JAHH-65B-R3B	700/800/1900/2100	270	32168	140
40	T-Mobile	Ericsson	Air 6449	2500/2600	000	20136	134
41	T-Mobile	Ericsson	Air 6449	2500/2600	120	20136	134
42	T-Mobile	Ericsson	Air 6449	2500/2600	240	20136	134
43	T-Mobile	RFS	APXVAARR24	600/1900/2100	000	106517	134
44	T-Mobile	RFS	APXVAARR24	600/1900/2100	120	106517	134
45	T-Mobile	RFS	APXVAARR24	600/1900/2100	240	6839	134
46	Dish	JMA	MX08FRO665-21	600/1900/2000/2100	000	48332	121
47	Dish	JMA	MX08FRO665-21	600/1900/2000/2100	120	48332	121
48	Dish	JMA	MX08FRO665-21	600/1900/2000/2100	240	48332	121

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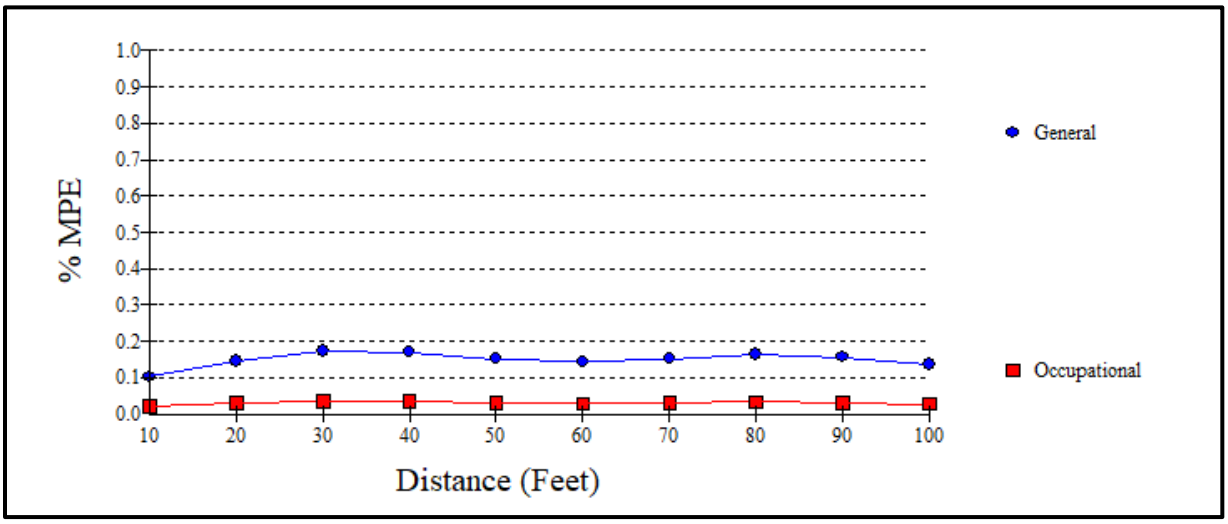
Appendix 3.1 MPE Limit Study



Maximum Power Density (@80'):	0.0011 mW/cm²
General Population MPE (@80'):	0.1625%
Occupational MPE (@80'):	0.0325%

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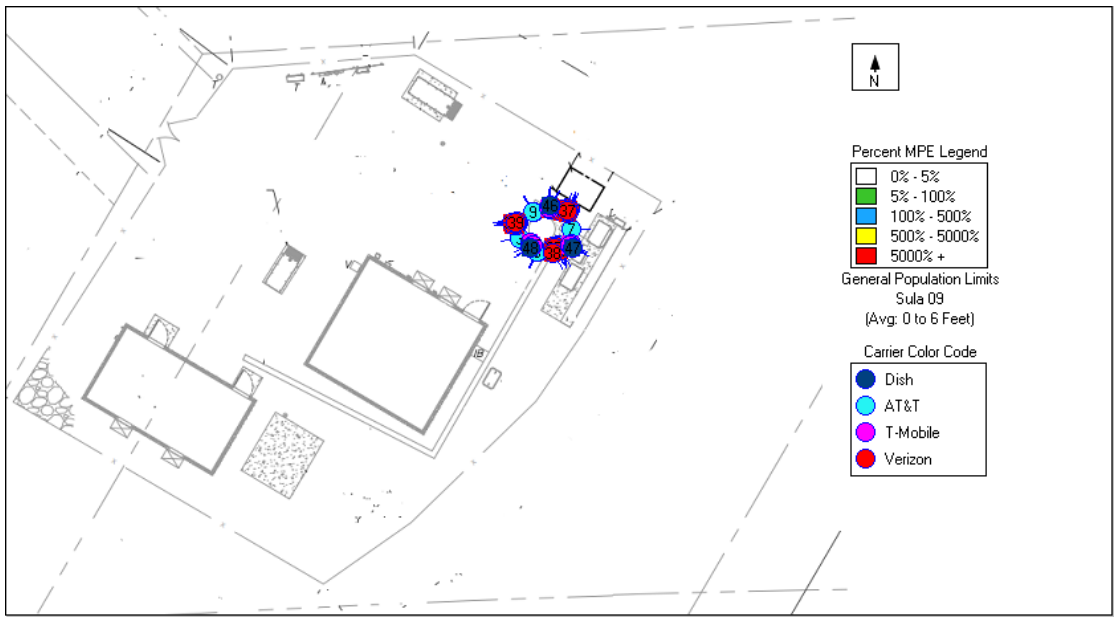
Appendix 3.2 MPE Limit Study



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Appendix 4 Information Pertaining to MPE Studies

In 1985, the FCC first adopted guidelines to be used for evaluating human exposure to RF emissions. The FCC revised and updated these guidelines on August 1, 1996, as a result of a rule-making proceeding initiated in 1993. The new guidelines incorporate limits for Maximum Permissible Exposure (MPE) in terms of electric and magnetic field strength and power density for transmitters operating at frequencies between 300 kHz and 100 GHz.

The FCC's MPE limits are based on exposure limits recommended by the National Council on Radiation Protection and Measurements (NCRP), and, over a wide range of frequencies, the exposure limits were developed by the Institute of Electrical and Electronics Engineers, Inc., (IEEE) and adopted by the American National Standards Institute (ANSI) to replace the 1982 ANSI guidelines. Limits for localized absorption are based on recommendations of both ANSI/IEEE and NCRP.

The FCC's limits, and the NCRP and ANSI/IEEE limits on which they are based, are derived from exposure criteria quantified in terms of specific absorption rate (SAR). The basis for these limits is a whole-body averaged SAR threshold level of 4 watts per kilogram (4 W/kg), as averaged over the entire mass of the body, above which expert organizations have determined that potentially hazardous exposures may occur. The MPE limits are derived by incorporating safety factors that lead, in some cases, to limits that are more conservative than the limits originally adopted by the FCC in 1985. Where more conservative limits exist, they do not arise from a fundamental change in the RF safety criteria for whole-body averaged SAR, but from a precautionary desire to protect subgroups of the general population who, potentially, may be more at risk.

The FCC exposure limits are also based on data showing that the human body absorbs RF energy at some frequencies more efficiently than at others. The most restrictive limits occur in the frequency range of 30-300 MHz where whole-body absorption of RF energy by human beings is most efficient. At other frequencies, whole-body absorption is less efficient, and consequently, the MPE limits are less restrictive.

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MPE limits are defined in terms of power density (units of milliwatts per centimeter squared: mW/cm^2), electric field strength (units of volts per meter: V/m) and magnetic field strength (units of amperes per meter: A/m). The far-field of a transmitting antenna is where the electric field vector (E), the magnetic field vector (H), and the direction of propagation can be considered to be all mutually orthogonal ("plane-wave" conditions).

Occupational/controlled exposure limits apply to situations in which persons are exposed as a consequence of their employment and in which those persons who are exposed have been made fully aware of the potential for exposure and can exercise control over their exposure. Occupational/controlled exposure limits also apply where exposure is of a transient nature as a result of incidental passage through a location where exposure levels may be above general population/uncontrolled limits (see below), as long as the exposed person has been made fully aware of the potential for exposure and can exercise control over his or her exposure by leaving the area or by some other appropriate means.

General population/uncontrolled exposure limits apply to situations in which the general public may be exposed or in which persons who are exposed as a consequence of their employment may not be made fully aware of the potential for exposure or cannot exercise control over their exposure. Therefore, members of the general public would always be considered under this category when exposure is not employment-related, for example, in the case of a telecommunications tower that exposes persons in a nearby residential area. Additional details can be found in FCC OET 65.

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Appendix 5 MPE Standards Methodology

This study predicts RF field strength and power density levels that emanate from communications system antennae. It considers all transmitter power levels (less filter and line losses) delivered to each active transmitting antenna at the communications site. Calculations are performed to determine power density and MPE levels for each antenna as well as composite levels from all antennas. The calculated levels are based on where a human (Observer) would be standing at various locations at the site. The point of interest where the MPE level is predicted is based on the height of the Observer.

Compliance with the FCC limits on RF emissions are determined by spatially averaging a person's exposure over the projected area of an adult human body, that is approximately six-feet or two-meters, as defined in the ANSI/IEEE C95.1 standard. The MPE limits are specified as time-averaged exposure limits. This means that exposure is averaged over an identifiable time interval. It is 30 minutes for the general population/uncontrolled RF environment and 6 minutes for the occupational/controlled RF environment. However, in the case of the general public, time averaging should not be applied because the general public is typically not aware of RF exposure, and they do not have control of their exposure time. Therefore, it should be assumed that any RF exposure to the general public will be continuous.

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The FCC's limits for exposure at different frequencies are shown in the following Tables.

Limits for Occupational/Controlled Exposure				
Frequency Range (MHz)	**Electric Field Strength (E) (V/m)**	**Magnetic Field Strength (H) (A/m)**	**Power Density (S) (mW/cm^2)**	**Averaging Time $\|E\|^2$, $\|H\|^2$ or S (minutes)**
0.3 - 3.0	614	1.63	100*	6
3.0 - 30	1842/f	4.89/f	$900/F^2$	6
30 - 300	61.4	0.163	1.0	6
300 - 1500	--	--	f/300	6
1500 - 100,000	--	--	5	6

f = frequency

* = Plane-wave equivalent power density

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Occupational/controlled limits apply in situations in which persons are exposed as a consequence of their employment provided those persons are fully aware of the potential for exposure and can exercise control over their exposure. Limits for occupational/controlled exposure also apply in situations when an individual is transient through a location where occupational/controlled limits apply provided he or she is made aware of the potential for exposure.

Limits for General Population/Uncontrolled Exposure				
Frequency Range (MHz)	**Electric Field Strength (E) (V/m)**	**Magnetic Field Strength (H) (A/m)**	**Power Density (S) (mW/cm^2)**	**Averaging Time $\|E\|^2$, $\|H\|^2$ or S (minutes)**
0.3 - 1.34	614	1.63	100*	30
1.34 - 30	824/f	2.19/f	$180/F^2$	30
30 -300	27.5	0.073	0.2	30
300 -1500	--	--	f/1500	30
1500 -100,000	--	--	1.0	30

f = frequency

* = Plane-wave equivalent power density

General population/uncontrolled exposures apply in situations in which the general public may be exposed or in which persons that are exposed as a consequence of their employment may not be fully aware of the potential for exposure or cannot exercise control over their exposure.

It is important to understand that these limits apply cumulatively to all sources of RF emissions affecting a given area. For example, if several different communications system antennas occupy a shared facility such as a tower or rooftop, then the total exposure from all systems at the facility must be within compliance of the FCC guidelines.

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The field strength emanating from an antenna can be estimated based on the characteristics of an antenna radiating in free space. There are basically two field areas associated with a radiating antenna. When close to the antenna, the region is known as the Near Field. Within this region, the characteristics of the RF fields are very complex, and the wave front is extremely curved. As you move further from the antenna, the wave front has less curvature and becomes planar. The wave front still has a curvature, but it appears to occupy a flat plane in space (plane-wave radiation). This region is known as the Far Field.

Two models are utilized to predict Near and Far field power densities. They are based on the formulae in FCC OET 65.

Cylindrical Model (Near Field Predictions)

Spatially averaged plane-wave equivalent power densities parallel to the antenna may be estimated by dividing the antenna input power by the surface area of an imaginary cylinder surrounding the length of the radiating antenna. While the actual power density will vary along the height of the antenna, the average value along its length will closely follow the relation given by the following equation:

$$S = P \div 2\pi RL$$

Where:

S = Power Density

P = Total Power into antenna

R = Distance from the antenna

L = Antenna aperture length

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For directional-type antennas, power densities can be estimated by dividing the input power by that portion of a cylindrical surface area corresponding to the angular beam width of the antenna. For example, for the case of a 120-degree azimuthal beam width, the surface area should correspond to 1/3 that of a full cylinder. This would increase the power density near the antenna by a factor of three over that for a purely omni-directional antenna. Mathematically, this can be represented by the following formula:

$$S = (180 / \theta_{BW}) P \div \pi RL$$

Where:

S = Power Density

θ_{BW} = Beam width of antenna in degrees (3 dB half-power point)

P = Total Power into antenna

R = Distance from the antenna

L = Antenna aperture length

If the antenna is a 360-degree omni-directional antenna, this formula would be equivalent to the previous formula.

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Spherical Model (Far Field Predictions)

Spatially averaged plane-wave power densities in the Far Field of an antenna may be estimated by considering the additional factors of antenna gain and reflective waves that would contribute to exposure.

The radiation pattern of an antenna has developed in the Far Field region and the power gain needs to be considered in exposure predictions. Also, if the vertical radiation pattern of the antenna is considered, the exposure predictions would most likely be reduced significantly at ground level, resulting in a more realistic estimate of the actual exposure levels.

Additionally, to model a truly "worst case" prediction of exposure levels at or near a surface, such as at ground-level or on a rooftop, reflection off the surface of antenna radiation power can be assumed, resulting in a potential four-fold increase in power density.

These additional factors are considered, and the Far Field prediction model is determined by the following equation:

$$S = EIRP \times Rc \div 4\pi R^2$$

Where:

S = Power Density

EIRP = Effective Radiated Power from antenna

Rc = Reflection Coefficient (2.56)

R = Distance from the antenna

The EIRP includes the antenna gain. If the antenna pattern is considered, the antenna gain is relative based on the horizontal and vertical pattern gain values at that particular location in space, on a rooftop or on the ground. However, it is recommended that the antenna radiation pattern characteristics not be considered to provide a conservative "worst case" prediction. This is the equation is utilized for the Far Field exposure predictions herein.

EXHIBIT 6

DOCKET NO. 75

AN APPLICATION OF THE SOUTHERN NEW ENGLAND TELEPHONE COMPANY FOR A CERTIFICATE OF ENVIRONMENTAL COMPATIBILITY AND PUBLIC NEED FOR CELLULAR TELEPHONE FACILITIES IN THE CITY OF DANBURY AND EITHER THE TOWN OF BROOKFIELD OR TOWN OF NEWTOWN, CONNECTICUT.	:	CONNECTICUT SITING COUNCIL
	:	MAY 13, 1987

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

Pursuant to the foregoing opinion, the Connecticut Siting Council (Council) hereby directs that a Certificate of Environmental Compatibility and Public Need, as provided by Section 16-50k of the General Statutes of Connecticut (CGS), be issued to Southern New England Telephone Cellular, Inc., (SNET) for the construction, operation, and maintenance of cellular mobile telephone facilities in the City of Danbury and Town of Newtown, Connecticut. The proposed Brookfield site is rejected.

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

1. The Danbury tower, including antennas, shall be no taller than necessary to provide the proposed service, and in no event shall exceed 37 feet.

2. Unless necessary to comply with condition number three, below, no lights shall be installed on these towers.

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

4. The Newtown tower, including antennas, shall be no taller than necessary to provide the proposed service, and in no event shall exceed 167 feet.

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

6. No construction activities shall take place outside the hours of 7:00 A.M. to 7:00 P.M., Monday through Saturday.

7. The certificate holder or its successor shall notify the Council if and when directional antennas or any equipment other than that listed in this application is added to these facilities.

8. The certificate holder or it successor shall permit public or private entities to share space on the Newtown tower, for due consideration, or shall provide any requesting entity with specific legal, technical, environmental, or economic reasons precluding such tower sharing.

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

10. Unless otherwise approved by the Council, this Decision and Order shall be void if all construction authorized herein is not completed within three years of the issuance of this Decision and Order, or within three years of the completion of any appeal taken in this Decision.

11. The certificate holder shall comply with any future radio frequency (RF) standards promulgated by state or federal regulatory agencies. Upon the establishment of any new govermental RF standards, the Certificate holder shall bring the facilities granted approval in this Decision into compliance with such standards.

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

The parties to the proceeding are:

SNET Cellular, Inc. (Applicant)
c/o Peter J. Tyrrell
Senior Attorney
Room 1021
227 Church Street
New Haven, Connecticut 06506

Town of Newtown
Planning and Zoning Commission

represented by:
Theodore G. Whippie, Chairman
Chairman
Planning and Zoning
Commission
Edmond Town Hall
45 Main Street
Newtown, Connecticut 06470

Metro Mobile CTS of Fairfield
County
(INTERVENOR)

represented by:

Howard L. Slater
Jennifer Young Gaudet
Byrne, Slater, Sandler,
Shulman & Rouse, P.C.
330 Main Street
P.O. Box 3216
Hartford, Connecticut 06103
its attorneys

Fergus W. O'Donnell
28 Whisconier Road
Brookfield, Center, Connecticut 06805

C E R T I F I C A T I O N

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

Dated at New Britain, Connecticut, this 13th day of May 1987.

Council Members	Vote Cast
Gloria Dibble Pond Gloria Dibble Pond Chairperson	Yes
Commissioner John Downey Designee: Commissioner Peter G. Boucher	Absent
Brian J. Emerick Acting Commissioner John Anderson Designee: Brian Emerick	Yes
Owen L. Clark Owen L. Clark	Yes
Fred J. Doocy Fred J. Doocy	Yes
Mortimer A. Gelston	Absent
James R. Horsfall James G. Horsfall	Yes
William H. Smith William Smith	Yes
Colin C. Tait	Absent

EXHIBIT 7

From: UPS
To: Barbara Kassabian
Subject: UPS Delivery Notification, Tracking Number 1Z9Y45030317795491
Date: Tuesday, October 10, 2023 2:29:19 PM

Hello, your package has been delivered.

Delivery Date: Tuesday, 10/10/2023
Delivery Time: 2:28 PM
Signed by: ANCRI

CENTERLINE SITE ACQUISITION

Tracking Number:	1Z9Y45030317795491
Ship To:	AMERICAN TOWER 10 PRESIDENTIAL WAY WOBURN, MA 018011053 US
Number of Packages:	1
UPS Service:	UPS Ground
Package Weight:	1.0 LBS
Reference Number:	14519442

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Date: Tuesday, October 10, 2023 12:49:12 PM

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Delivery Time: 12:46 PM
Signed by: DENNIS

CENTERLINE SITE ACQUISITION

Tracking Number:	1Z9Y45030318496482
Ship To:	TOWN OF NEWTOWN 3 PRIMROSE STREET NEWTOWN, CT 064705307 US
Number of Packages:	1
UPS Service:	UPS Ground
Package Weight:	1.0 LBS
Reference Number:	14519442

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To: Barbara Kassabian
Subject: UPS Delivery Notification, Tracking Number 1Z9Y45030324652818
Date: Tuesday, October 10, 2023 12:49:06 PM

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Delivery Date: Tuesday, 10/10/2023
Delivery Time: 12:46 PM
Signed by: DENNIS

CENTERLINE SITE ACQUISITION

Tracking Number:	1Z9Y45030324652818
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Package Weight:	1.0 LBS
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ATLANTA, GA 31139

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