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

September 22, 2023

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

RE: Notice of Exempt Modification // Site: OLD SAYBROOK EAST RELO CT (ATC: 370625)
77 Springbrook Road, Old Saybrook, CT 06475
N 41.31385617 // W -72.36411623

Dear Ms. Bachman,

Cellco Partnership d/b/a Verizon Wireless currently maintains twelve (12) antenna at the 173-ft level on the existing 175ft Tower, located at 77 Springbrook Road, Old Saybrook, CT. The tower is owned by American Tower. Verizon Wireless proposed modification involves the installation of two (2) 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 13, 2023, by A.T Engineering Services, LLC, a structural analysis dated September 6, 2023, by American Tower Corp., and a structural mount analysis by Colliers Engineering and Design dated August 3, 2023, and Non-Ionizing Electromagnetic Radiation (NIER) Study dated September 10, 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

_____

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Centerline Communications, LLC
750 West Center Street, Suite 301
West Bridgewater, MA 02379
Mobile: (508) 649 2307
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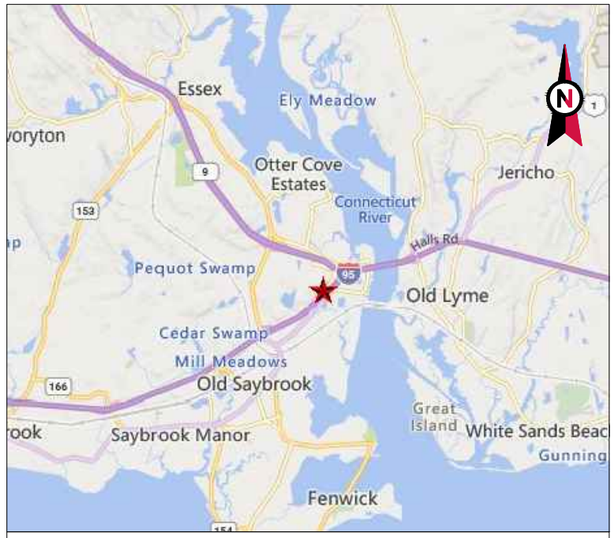
Attachments:
Exhibit 1 – Construction Drawings
Exhibit 2 – Property Card and GIS
Exhibit 3 – Structural Analysis
Exhibit 4 – Mount Analysis
Exhibit 5 – RF Emissions Analysis Report Evaluation
Exhibit 6 – Available Original Tower Approval Records
Exhibit 7 – Notice Deliver Confirmations

cc: Carl P. Forutna, Jr – First Selectman – Chief Elected Official
Christina M. Costa – Town Planner - as P&Z official
American Tower Corporation - as tower owner
Crossroads Communications of Old – as ground owner

EXHIBIT 1



VICINITY MAP

AMERICAN TOWER®

ATC SITE NAME: OLD SAYBROOK
ATC SITE NUMBER: 370625
VERIZON SITE NAME: OLD SAYBROOK EAST RELO CT
VERIZON SITE NUMBER: 5000243959
VERIZON FUZE PID: 17123848
SITE ADDRESS: 77 SPRINGBROOK ROAD
OLD SAYBROOK, CT 06475

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:	125 MPH
BASIC WIND SPEED W/ ICE:	50 MPH
CODE(S):	ANSI/TIA-222-H / 2021 IBC / 2022 CONNECTICUT STATE BUILDING CODE
EXPOSURE CATEGORY:	C
RISK CATEGORY:	II
TOPO FACTOR PROCEDURE:	METHOD 1
TOPOGRAPHIC CATEGORY:	1
SPECTRAL RESPONSE:	S_S=0.20, S_1=0.05
SITE CLASS:	D-STIFF SOIL- DEFAULT

INFORMATION TAKEN FROM STRUCTURAL ANALYSIS COMPLETED BY ATC, DATED 09-06-2023.

UTILITY COMPANIES

POWER COMPANY: NORTHEAST UTILITIES
PHONE: (888) 783-6617

TELEPHONE COMPANY: FRONTIER COMMUNICATIONS
PHONE: (800) 921-8102

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

PROJECT SUMMARY

SITE ADDRESS:

77 SPRINGBROOK ROAD
OLD SAYBROOK, CT 06475
COUNTY: MIDDLESEX

GEOGRAPHIC COORDINATES:

LATITUDE: 41.31385617
LONGITUDE: -72.36411623
GROUND ELEVATION: 53' 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:

CROSSROADS COMMUNICATIONS OF OLD SAYBROOK
77 SPRINGBROOK ROAD
OLD SAYBROOK, CT 06475

PROJECT DESCRIPTION

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

INSTALL (1) SWIVEL MOUNT(S), (2) FILTER(S)

EXISTING (12) ANTENNA(s), (6) RRH(s), (3) DIPLEXER(s), (2) OVP(s), AND (18) 1-5/8" COAX, AND (2) 1-5/8" HYBRID 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

FROM DOWNTOWN NEW HAVEN CT START OUT GOING NORTHEAST ON CHURCH ST TOWARD WALL ST. CHURCH ST BECOMES WHITNEY AVE. TURN RIGHT ONTO TRUMBULL ST. TAKE THE I-91 S/I-91 N RAMP. MERGE ONTO I-91 S TOWARD I-95/NEW LONDON/N.Y.CITY. MERGE ONTO I-95 N/GOVERNOR JOHN DAVIS LODGE TPKE N VIA THE EXIT ON THE LEFT TOWARD NEW LONDON. TAKE THE CT-154 EXIT, EXIT 67, TOWARD OLD SAYBROOK. MERGE ONTO MIDDLESEX TURNPIKE/CT-154 TOWARD R R STATION. URN LEFT ONTO BOSTON POST RD/US-1 N. TURN LEFT ONTO SPRINGBROOK RD. 77 SPRINGBROOK RD IS ON THE LEFT.

SHEET INDEX

SHEET NO:	DESCRIPTION:	REV:	DATE:	BY:
G-001	TITLE SHEET	0	09/13/23	JM
G-002	GENERAL NOTES	0	09/13/23	JM
C-101	DETAILED SITE PLAN	0	09/13/23	JM
C-201	TOWER ELEVATION	0	09/13/23	JM
C-401	ANTENNA INFORMATION & SCHEDULE	0	09/13/23	JM
C-501	CONSTRUCTION DETAILS	0	09/13/23	JM
E-501	GROUNDING DETAILS	0	09/13/23	JM
R-601	SUPPLEMENTAL			

CONTRACTOR PMI REQUIREMENTS

PMI ACCESSED AT:	HTTPS://PMI.VZWSMART.COM
SMART TOOL VENDOR PROJECT NUMBER:	10208069
VZW LOCATION CODE (PSLC):	5000243959

***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	JM	09/13/23

ATC SITE NUMBER:
370625
ATC SITE NAME:
OLD SAYBROOK
VERIZON SITE NAME:
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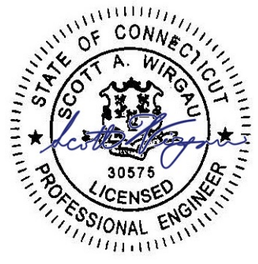
SITE ADDRESS:
77 SPRINGBROOK ROAD
OLD SAYBROOK, CT 06475

SEAL:



verizon

ATC JOB NO:	14519499_G0
CUSTOMER ID:	OLD SAYBROOK EAST RELO CT
CUSTOMER #:	5000243959

TITLE SHEET

SHEET NUMBER:	REVISION:
G-001	0

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/HYBRID 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. INSTALL COAXIAL/HYBRID 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/HYBRID CABLE THREE (3) FEET IN EXCESS OF ENTRY PORT LOCATION UNLESS OTHERWISE STATED.
2. ANTENNA AND COAXIAL/HYBRID CABLE GROUNDING:
   - A. ALL EXTERIOR #6 GREEN GROUND WIRE "DAISY CHAIN" CONNECTIONS ARE TO BE WEATHER SEALED WITH RFS CONNECTORS/SPLICE WEATHERPROOFING KIT #221213 OR EQUAL.
   - B. ALL COAXIAL/HYBRID CABLE GROUNDING KITS ARE TO BE INSTALLED ON STRAIGHT RUNS OF COAXIAL/HYBRID 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	JM	09/13/23

ATC SITE NUMBER:
370625

ATC SITE NAME:
OLD SAYBROOK

VERIZON SITE NAME:
OLD SAYBROOK EAST RELO CT

SITE ADDRESS:
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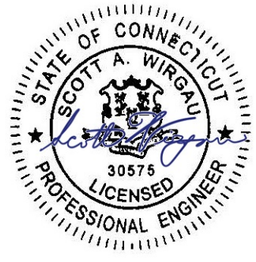
OLD SAYBROOK, CT 06475

SEAL:



Digitally Signed: 2023-09-14

verizon

ATC JOB NO:	14519499_G0
CUSTOMER ID:	OLD SAYBROOK EAST RELO CT
CUSTOMER #:	5000243959

GENERAL NOTES

SHEET NUMBER:	REVISION:
G-002	0

SITE PLAN NOTES:

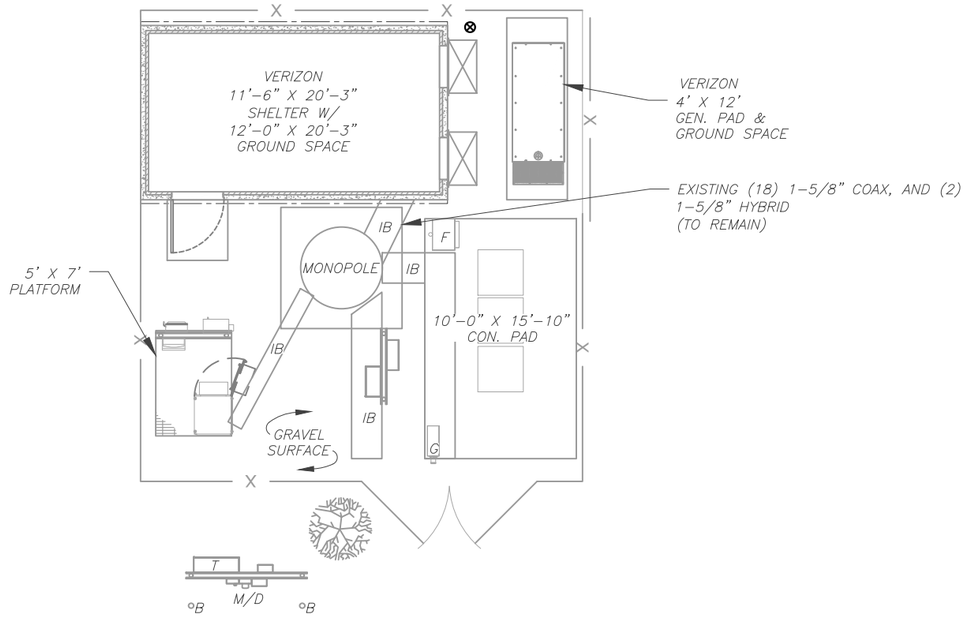
1. THIS SITE PLAN REPRESENTS THE BEST PRESENT KNOWLEDGE AVAILABLE TO THE ENGINEER AT THE TIME OF THIS DESIGN. THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO CONSTRUCTION AND VERIFY ALL EXISTING CONDITIONS RELATED TO THE SCOPE OF WORK FOR THIS PROJECT.

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

10 0 5 10

(IN FEET)
1 UNIT = 10 FEET

AMERICAN TOWER®

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

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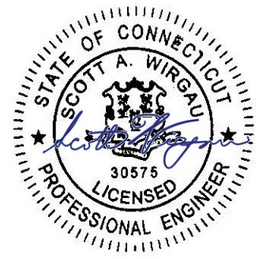


Digitally Signed: 2023-09-14

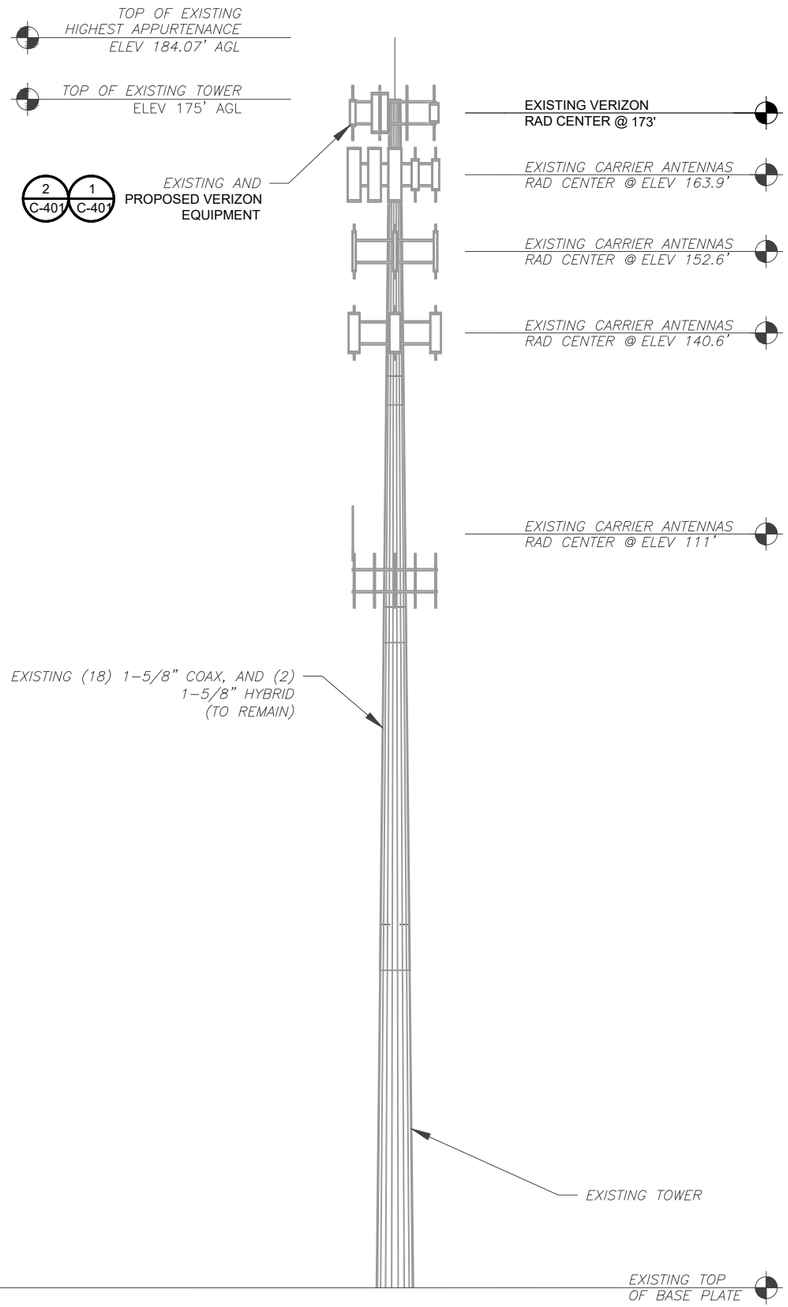
verizon

ATC JOB NO:	14519499_G0
CUSTOMER ID:	OLD SAYBROOK EAST RELO CT
CUSTOMER #:	5000243959

DETAILED SITE PLAN

SHEET NUMBER:	REVISION:
C-101	0

PER MOUNT ANALYSIS COMPLETED BY COLLIERS, DATED 08/03/2023, 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	JM	09/13/23

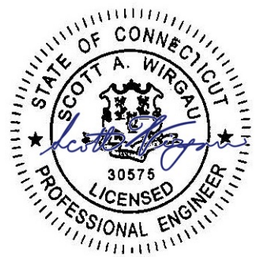
ATC SITE NUMBER:
370625

ATC SITE NAME:
OLD SAYBROOK

VERIZON SITE NAME:
OLD SAYBROOK EAST RELO CT

SITE ADDRESS:
77 SPRINGBROOK ROAD
OLD SAYBROOK, CT 06475

SEAL:



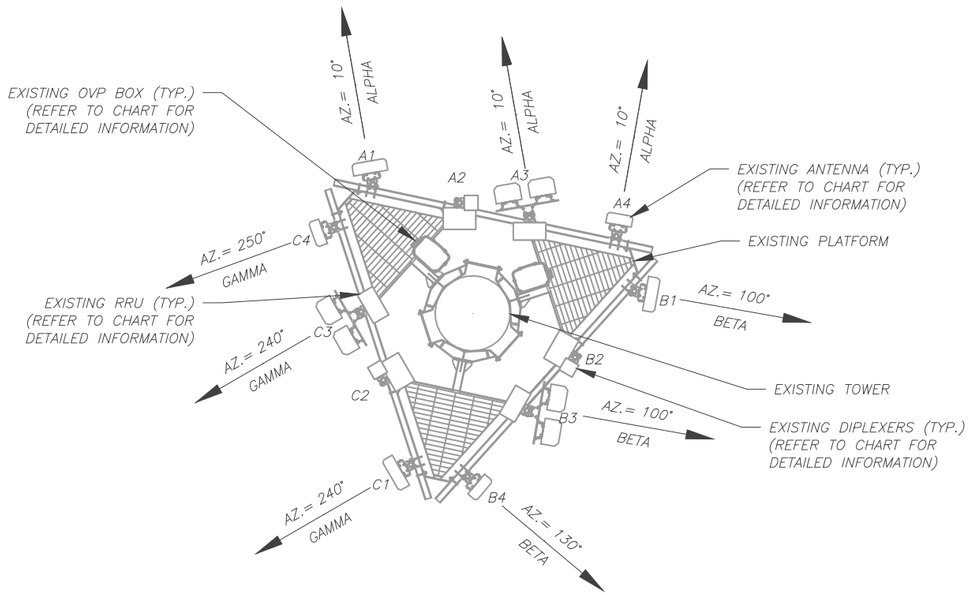
Digitally Signed: 2023-09-14

verizon

ATC JOB NO:	14519499_G0
CUSTOMER ID:	OLD SAYBROOK EAST RELO CT
CUSTOMER #:	5000243959

TOWER ELEVATION

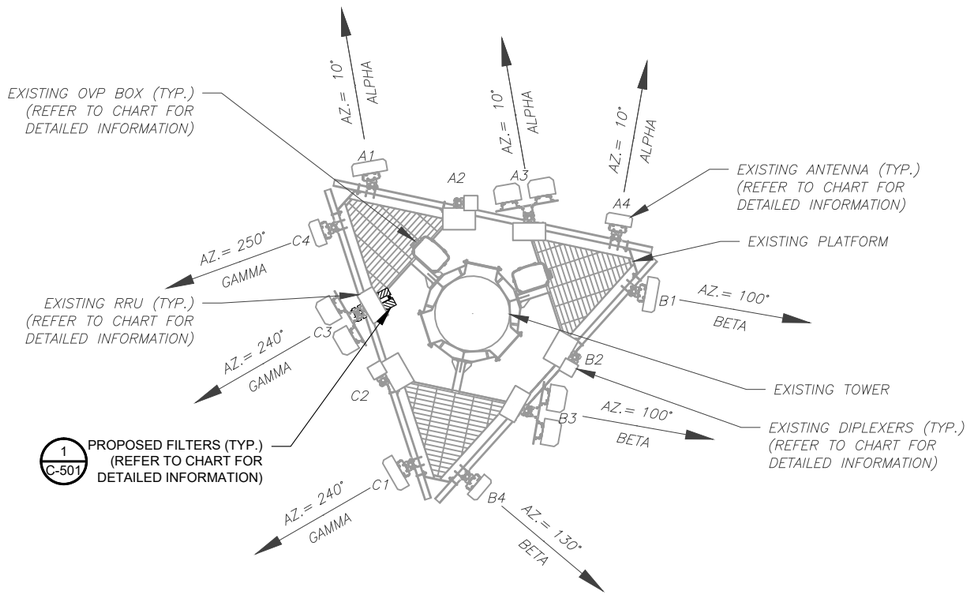
SHEET NUMBER:	REVISION:
C-201	0



1 EXISTING ANTENNA PLAN

SCALE: N.T.S.

PER MOUNT ANALYSIS COMPLETED BY COLLIERS, DATED 08/03/2023, 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	173'	350°	A1	MT6407-77A	L-SUB6 5G	RMN	-	-
			A2	-	-	-	B2/B66A RRH-BR049	RMN
							CBC78T-DS-43-2X	RMN
			A3	(2) JAHH-65B-R3B	LTE 700/LTE 850 5G/LTE 1900/LTE AWS	RMN	B5/B13 RRH-BR04C	RMN
		10°	A4	BXA-80063-4CF-EDIN-X	CDMA 850	RMN	-	-
BETA	173'	100°	B1	MT6407-77A	L-SUB6 5G	RMN	-	-
			B2	-	-	-	B2/B66A RRH-BR049	RMN
							CBC78T-DS-43-2X	RMN
			B3	(2) JAHH-65B-R3B	LTE 700/LTE 850 5G/LTE 1900/LTE AWS	RMN	B5/B13 RRH-BR04C	RMN
		130°	B4	BXA-80063-4CF-EDIN-X	CDMA 850	RMN	-	-
GAMMA	173'	240°	C1	MT6407-77A	L-SUB6 5G	RMN	-	-
			C2	-	-	-	B2/B66A RRH-BR049	RMN
							CBC78T-DS-43-2X	RMN
			C3	(2) JAHH-65B-R3B	LTE 700/LTE 850 5G/LTE 1900/LTE AWS	RMN	B5/B13 RRH-BR04C	RMN
		250°	C4	BXA-80063-4CF-EDIN-X	CDMA 850	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	173'	350°	A1	MT6407-77A	L-SUB6 5G	RMN	-	-
			A2	-	-	-	B2/B66A RRH-BR049	RMN
							CBC78T-DS-43-2X	RMN
			A3	(2) JAHH-65B-R3B	LTE 700/LTE 850 5G/LTE 1900/LTE AWS	RMN	B5/B13 RRH-BR04C	RMN
		10°	A4	BXA-80063-4CF-EDIN-X	CDMA 850	RMN	-	-
BETA	173'	100°	B1	MT6407-77A	L-SUB6 5G	RMN	-	-
			B2	-	-	-	B2/B66A RRH-BR049	RMN
							CBC78T-DS-43-2X	RMN
			B3	(2) JAHH-65B-R3B	LTE 700/LTE 850 5G/LTE 1900/LTE AWS	RMN	B5/B13 RRH-BR04C	RMN
		130°	B4	BXA-80063-4CF-EDIN-X	CDMA 850	RMN	-	-
GAMMA	173'	240°	C1	MT6407-77A	L-SUB6 5G	RMN	-	-
			C2	-	-	-	B2/B66A RRH-BR049	RMN
							CBC78T-DS-43-2X	RMN
			C3	(2) JAHH-65B-R3B	LTE 700/LTE 850 5G/LTE 1900/LTE AWS	RMN	B5/B13 RRH-BR04C	RMN
							(2) KA-6030	ADD
		250°	C4	BXA-80063-4CF-EDIN-X	CDMA 850	RMN	-	-

EXISTING FIBER DISTRIBUTION/OVP BOX		EXISTING CABLING SUMMARY	
MODEL NUMBER	STATUS	CABLE QTY, SIZE, TYPE	STATUS
(2) DB-B1-6C-12AB-0Z	RMN	(18) 1-5/8" COAX, AND (2) 1-5/8" HYBRID	RMN
-	RMV	----	RMV

3 EQUIPMENT SCHEDULES

FINAL FIBER DISTRIBUTION / OVP BOX		FINAL CABLING SUMMARY	
MODEL NUMBER	STATUS	CABLE QTY, SIZE, TYPE	STATUS
(2) DB-B1-6C-12AB-0Z	RMN	(18) 1-5/8" COAX, AND (2) 1-5/8" HYBRID	RMN
-	ADD	----	ADD

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370625

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VERIZON SITE NAME:
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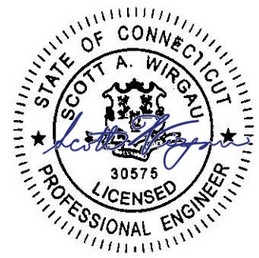
SITE ADDRESS:
77 SPRINGBROOK ROAD
OLD SAYBROOK, CT 06475

SEAL:



Digitally Signed: 2023-09-14

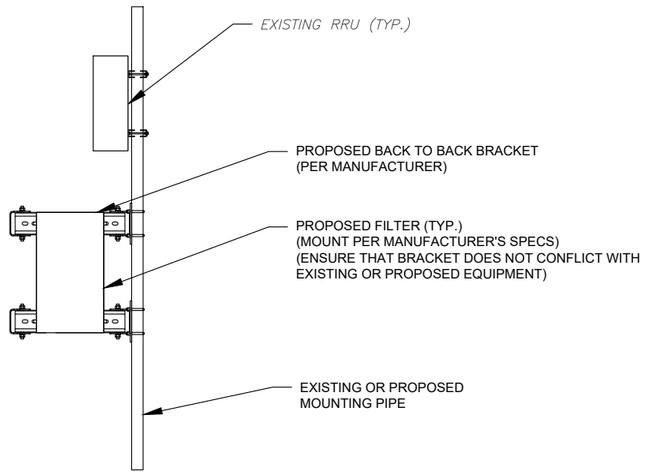
verizon

ATC JOB NO:	14519499_G0
CUSTOMER ID:	OLD SAYBROOK EAST RELO CT
CUSTOMER #:	5000243959

ANTENNA INFORMATION & SCHEDULE

SHEET NUMBER:	REVISION:
C-401	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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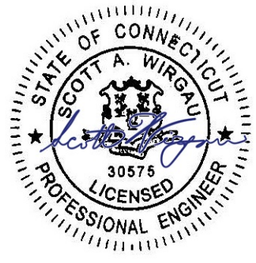


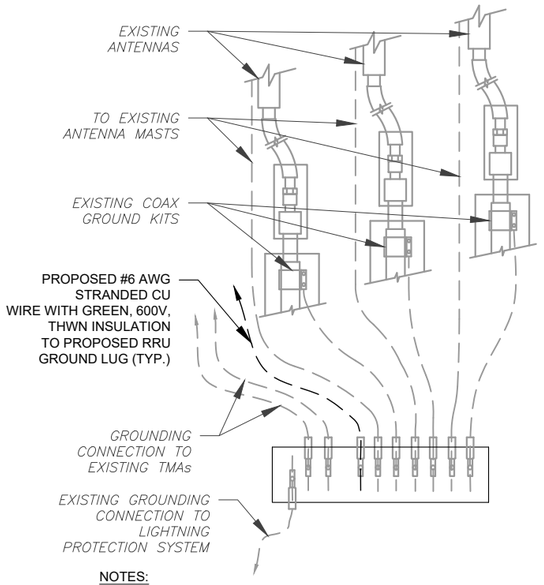
Digitally Signed: 2023-09-14

verizon

ATC JOB NO:	14519499_G0
CUSTOMER ID:	OLD SAYBROOK EAST RELO CT
CUSTOMER #:	5000243959

CONSTRUCTION DETAILS

SHEET NUMBER:	REVISION:
C-501	0

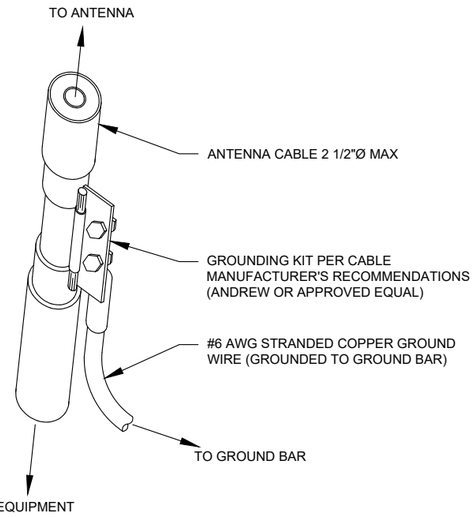


NOTES:

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.

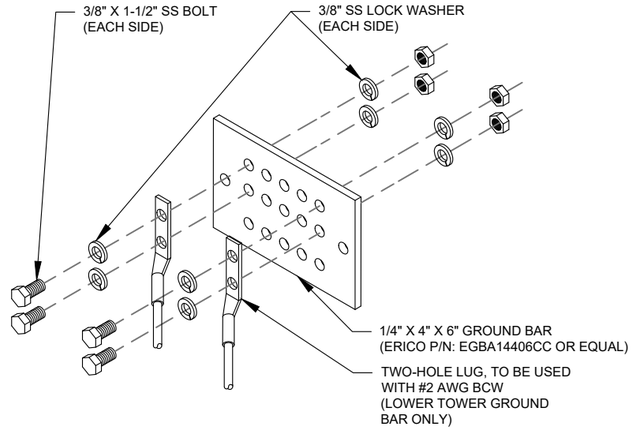


GROUND KIT NOTES:

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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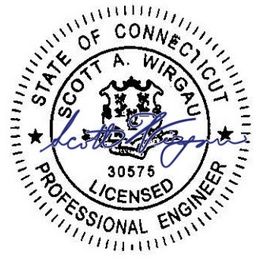
SEAL:



Digitally Signed: 2023-09-14

verizon

ATC JOB NO:	14519499_G0
CUSTOMER ID:	OLD SAYBROOK EAST RELO CT
CUSTOMER #:	5000243959

GROUNDING DETAILS

SHEET NUMBER:	REVISION:
E-501	0

Colliers Engineering & Design CT, PC
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 #: 10208069
Colliers Engineering & Design Project #: 23777224

August 3, 2023

Site Information

Site ID:	*5000243959-VZW / OLD SAYBROOK EAST RELO CT*
Site Name:	*OLD SAYBROOK EAST RELO CT*
Carrier Name:	*Verizon Wireless*
Address:	*77 Springbrook Road Old Saybrook, Connecticut 06475 Middlesex County*
Latitude:	*41.313833°*
Longitude:	*-72.364028°*

Structure Information

Tower Type:	*175-Ft Monopole*
Mount Type:	*12.50-Ft Platform*

FUZE ID # 17123848

Analysis Results

Platform: **40.8% 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: Gilberto Martinez

STATE OF CONNECTICUT · DEJIAN XU · No. 33733 · LICENSED PROFESSIONAL ENGINEER
08/03/2023

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	27.0	27.0	45.0	45.0
0.5	36.6	36.6	61.8	61.8
1	44.5	44.5	76.9	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.

Contractor shall install the proposed filter units on new Site Pro 1 Dual Swivel Mount Kit (Part #: RRUDSM or EOR approved equivalent) in the location shown in the placement diagrams.

Contractor shall verify all equipment and new mount are installed as designed per the previous mount analysis report by Maser Consulting Connecticut Project #21777441, dated August 2, 2021.

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. Analysis Calculations

1 MOUNT ANALYSIS

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:
R-601	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.

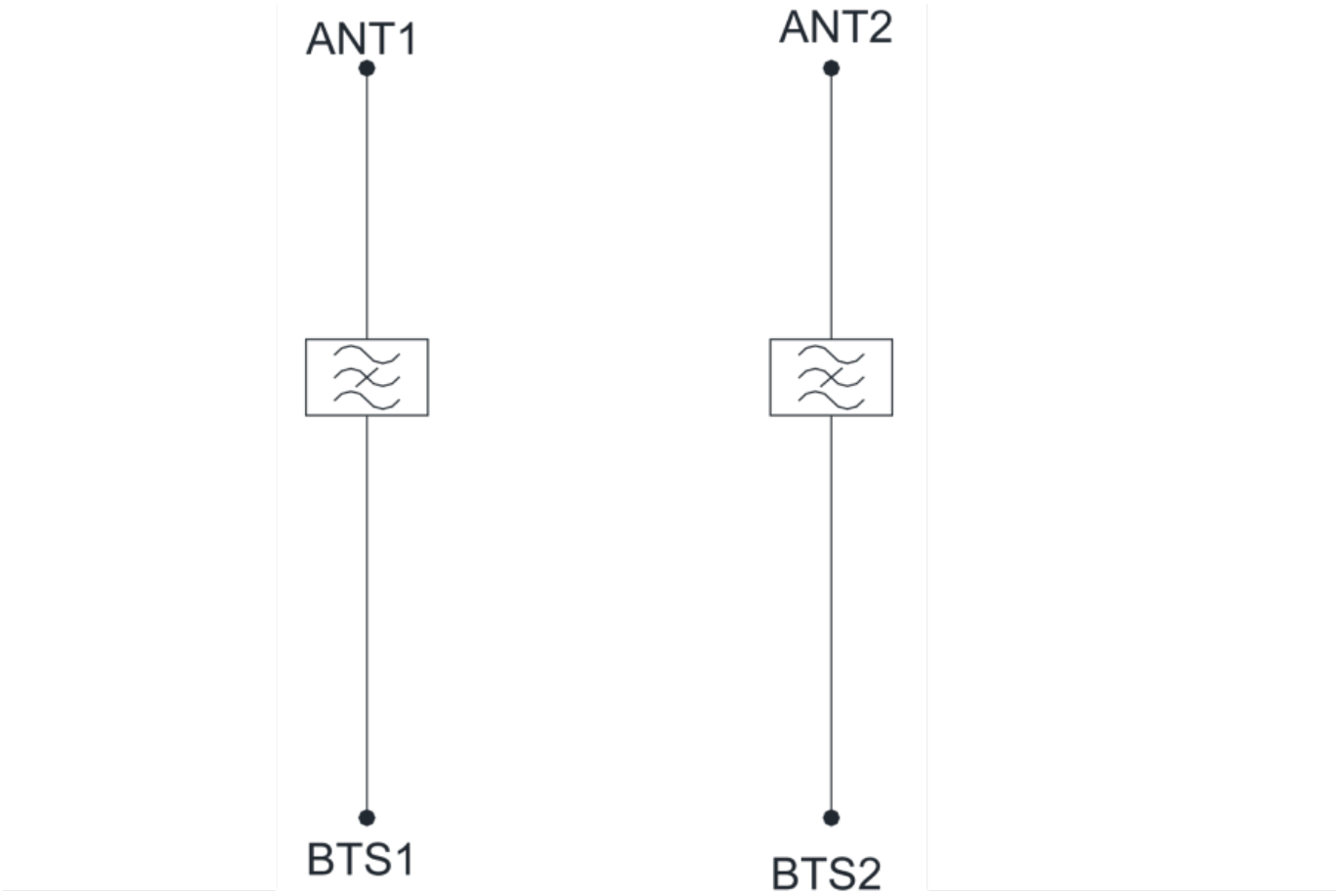
Contact Us: +1 303 768 8080 | +61 (0) 7 3907 1200 | www.kaelus.com

ORDERING INFORMATION

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

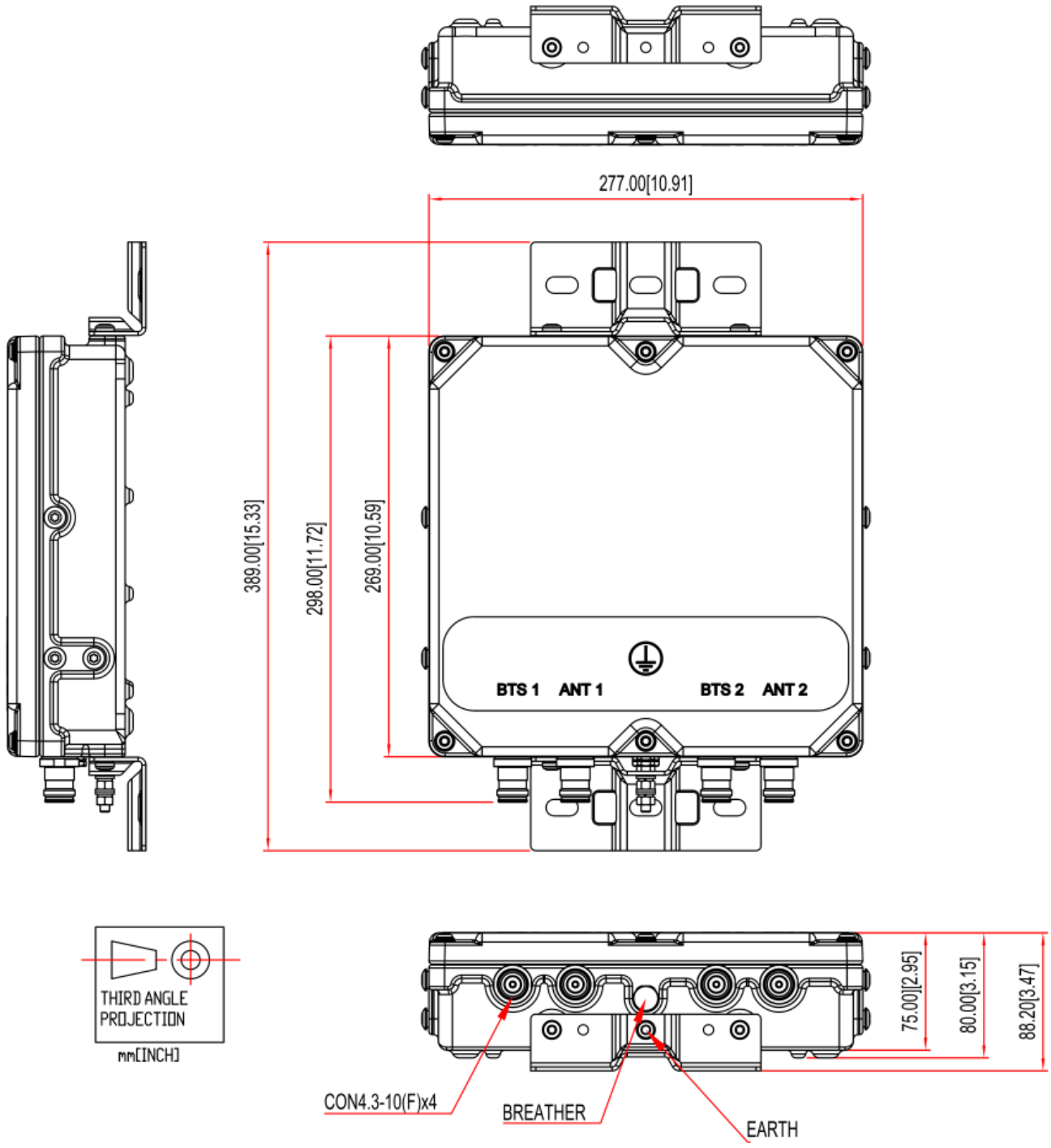
Contact Us: +1 303 768 8080 | +61 (0) 7 3907 1200 | www.kaelus.com

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

77 SPRINGBROOK RD

Location	77 SPRINGBROOK RD	**MBLU**	058/ 017/ 0001/ /
Acct#	00598500	**Owner**	CROSSROADS COMMUNICATIONS OF OLD
Assessment	$224,500	**Appraisal**	$320,700
PID	6223	**Building Count**	1

Current Value

Appraisal			
Valuation Year	**Improvements**	**Land**	**Total**
2018	$141,100	$179,600	$320,700
Assessment			
Valuation Year	**Improvements**	**Land**	**Total**
2018	$98,800	$125,700	$224,500

Owner of Record

Owner	CROSSROADS COMMUNICATIONS OF OLD	**Sale Price**	$275,000
Co-Owner	SAYBROOK LLC	**Certificate**	
Address	157 NORTH SEIR HILL RD NORWALK, CT 06850	**Book & Page**	0339/0287
		Sale Date	10/28/1996
		Instrument	UNKQ

Ownership History

Ownership History
No Data for Ownership History

Building Information

Building 1 : Section 1

Year Built: 1956
Living Area: 2,044

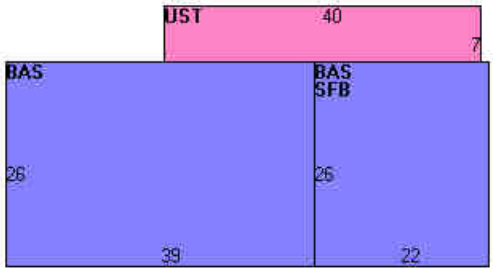
Building Attributes	
Field	**Description**
STYLE	Office Bldg

MODEL	Commercial
Grade	Average
Stories:	1
Occupancy	1.00
Exterior Wall 1	Aluminum Sidng
Exterior Wall 2	
Roof Structure	Gable/Hip
Roof Cover	Asph/F Gls/Cmp
Interior Wall 1	Plywood Panel
Interior Wall 2	Drywall/Sheet
Interior Floor 1	Carpet
Interior Floor 2	
Heating Fuel	Oil
Heating Type	Forced Air-Duc
AC Type	Central
Struct Class	
Bldg Use	RAD/TV TR
Total Rooms	
Total Bedrms	00
Total Baths	0
Usrfld 218	
Usrfld 219	
1st Floor Use:	4330
Heat/AC	NONE
Frame Type	WOOD FRAME
Baths/Plumbing	AVERAGE
Ceiling/Wall	CEIL & WALLS
Rooms/Prtns	AVERAGE
Wall Height	8.00
% Comn Wall	0.00

Building Photo

(http://images.vgsi.com/photos/OldSaybrookCTPhotos//\00\02\03\22.jpg)

Building Layout



(http://images.vgsi.com/photos/OldSaybrookCTPhotos//Sketches/6223_62

Building Sub-Areas (sq ft)			Legend
Code	Description	Gross Area	Living Area
BAS	First Floor	1,586	1,586
SFB	Bsmt, Above grade-Finished	572	458
UST	Utility, Storage, Unfinished	280	0
		2,438	2,044

Extra Features

Extra Features	Legend
No Data for Extra Features	

Land

Land Use

Use Code 4330

Land Line Valuation

Size (Acres) 0.46

Description	RAD/TV TR	**Depth**	0
Zone	B2	**Assessed Value**	$125,700
		Appraised Value	$179,600

Outbuildings

Outbuildings	Legend
No Data for Outbuildings	

Valuation History

Appraisal			
Valuation Year	**Improvements**	**Land**	**Total**
2018	$141,100	$179,600	$320,700
2016	$106,700	$217,900	$324,600
2015	$106,700	$217,900	$324,600

Assessment			
Valuation Year	**Improvements**	**Land**	**Total**
2018	$98,800	$125,700	$224,500
2016	$74,700	$152,500	$227,200
2015	$74,700	$152,500	$227,200

GIS

Property Information

Property ID	058/017-0001
Location	77 SPRINGBROOK RD
Owner	CROSSROADS COMMUNICATIONS OF OLD

MAP FOR REFERENCE ONLY
NOT A LEGAL DOCUMENT

Town of Old Saybrook, CT makes no claims and no warranties, expressed or implied, concerning the validity or accuracy of the GIS data presented on this map.

Geometry updated 06/13/2023
Data updated 2021

Print map scale is approximate. Critical layout or measurement activities should not be done using this resource.

EXHIBIT 3

AMERICAN TOWER®
CORPORATION

Structural Analysis Report

Structure	:	175 ft Monopole
ATC Asset Name	:	Old Saybrook
ATC Asset Number	:	370625
Engineering Number	:	14519499_C3_05
Proposed Carrier	:	VERIZON WIRELESS
Carrier Site Name	:	OLD SAYBROOK EAST RELO CT
Carrier Site Number	:	5000243959
Site Location	:	77 Springbrook Road Old Saybrook, CT 06475-0000 41.3139° N, 72.3641° W
County	:	Middlesex
Date	:	September 6, 2023
Max Usage	:	72%
Analysis Result	:	Pass

Created By:

Nathan Lyle
Structural Engineer I

Nathan Lyle

COA: PEC.0001553

Introduction

The purpose of this report is to summarize results of a structural analysis performed on the 175 ft Monopole tower to reflect the change in loading by VERIZON WIRELESS.

Supporting Documents

Tower:	DaVinci, Valmont Job #08242-1120, dated April 17, 2008
Foundation:	DaVinci, Valmont Job #08242-1120, dated April 17, 2008
Geotechnical:	JGI Project #J2085121, dated March 12, 2008

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:	125 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:	C
Risk Category:	II
Topographic Factor Procedure:	Method 1
Topographic Category:	1
Spectral Response:	Ss = 0.20, S_1 = 0.05
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 contact American Tower Engineering via email at **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	72.2%	1.2D + 1.0W	Pass
Base Plate @ 0.0 ft	46.1%	Rods	Pass
Mat & Pier	56.8%	Moment [Soil]	Pass

Maximum Reactions

Foundation	Moment (k-ft)	Axial (k)	Shear (k)
Monopole Base	4,293.9	54.3	36.3

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
178.0	3	Samsung B2/B66A RRH-BR049	-
177.5	2	RFS DB-B1-6C-12AB-0Z (32 lbs.)	-
173.0	1	Site Pro 1 RMQP-496-HK	(2) 1 5/8" (1.63"-41.3mm) Fiber (18) 1 5/8" Coax
	2	Kaelus KA-6030	
	3	Amphenol Antel BXA-80063-4CF-EDIN-X	
	3	Commscope CBC78T-DS-43-2X	
	3	Mount Reinforcement	
	3	Samsung B5/B13 RRH-BR04C	
	3	Samsung MT6407-77A	
	6	Commscope JAHH-65B-R3B	

Other Existing/Reserved Loading

Elev (ft)	Qty	Equipment	Lines	Carrier
162.0	1	Site Pro 1 RMQP-496-HK	(3) 1 5/8" (1.63"-41.3mm) Fiber (2) 1.99" (50.7mm) Hybrid	T-MOBILE
	3	Ericsson 4460 BAND 2/25		
	3	Ericsson Air6449 B41		
	3	Ericsson Radio 4449 B71 B85A		
	3	Mount Reinforcement		
	3	RFS APX16DWV-16DWVS-E-A20		
	3	RFS APXVAARR24_43-U-NA20		
152.6	3	RFS APXV18-206517S-C	-	METRO PCS INC
140.0	1	Commscope RDIDC-9181-PF-48	(1) 1.60" (40.6mm) Hybrid	DISH WIRELESS L.L.C.
	1	Platform with Handrails		
	3	Fujitsu TA08025-B604		
	3	Fujitsu TA08025-B605		
	3	JMA Wireless MX08FRO665-21		
104.1	1	7' Omni	-	OTHER
101.0	1	Side Arm	-	OTHER

(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.

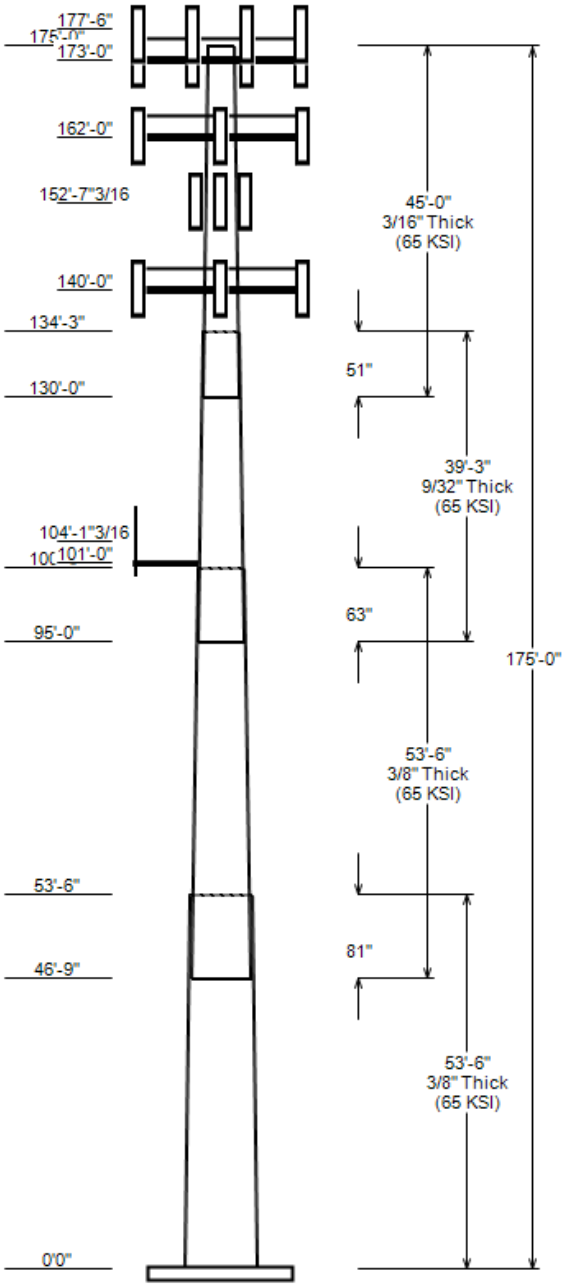
All assets of American Tower Corporation, its affiliates, and subsidiaries (collectively "American Tower") are inspected at regular intervals. Based upon these inspections and in the absence of information to the contrary, American Tower assumes that all structures were constructed in accordance with 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:	125 mph	**Ice Wind:**	50 mph w/ 1" ice	**Service Wind:**	60 mph
Risk Category:	II	**Exposure:**	C	**S_s:** 0.202	**S_1:** 0.053
Topo Category:	1	**Topo Factor:**	Method 1	**Topo Feature:**	
Structure Height:	175 ft	**Base Elevation:**	0.00 ft	**Structure Type:**	Taper
Base Diameter:	64.69 in	**Base Rotation:**	0°	**Taper:**	0.2650 (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	53.500	50.51	64.69	0.375		0.000	18 Sides	65
2	53.500	38.87	53.05	0.375	Slip Joint	81.000	18 Sides	65
3	39.250	30.42	40.83	0.281	Slip Joint	63.000	18 Sides	65
4	45.000	20.00	31.93	0.188	Slip Joint	51.000	18 Sides	65

DISCRETE APPURTENANCE

Elev (ft)	Description
178.0	(3) Samsung B2/B66A RRH-BR049
177.5	(2) RFS DB-B1-6C-12AB-0Z (32 lbs.)
173.0	(3) Commscope CBC78T-DS-43-2X
173.0	(2) Kaelus KA-6030
173.0	(3) Samsung B5/B13 RRH-BR04C
173.0	(3) Amphenol Antel BXA-80063-4CF-E
173.0	(3) Samsung MT6407-77A
173.0	(3) Generic Mount Reinforcement
173.0	(6) Commscope JAHH-65B-R3B
173.0	(1) Site Pro 1 RMQP-496-HK
162.0	(3) Ericsson Radio 4449 B71 B85A
162.0	(3) Ericsson 4460 BAND 2/25
162.0	(3) Generic Mount Reinforcement
162.0	(3) Ericsson Air6449 B41
162.0	(3) RFS APX16DWV-16DWVS-E-A20
162.0	(3) RFS APXVAARR24_43-U-NA20
162.0	(1) Site Pro 1 RMQP-496-HK
152.6	(3) RFS APXV18-206517S-C
140.0	(1) Commscope RDIDC-9181-PF-48
140.0	(3) Fujitsu TA08025-B605
140.0	(3) Fujitsu TA08025-B604
140.0	(3) JMA Wireless MX08FRO665-21
140.0	(1) Generic Round Platform with Ha
104.1	(1) Generic 7' Omni
101.0	(1) Generic Round Side Arm

LINEAR APPURTENANCE

Elev To (ft)	Description
173.0	(18) 1 5/8" Coax
173.0	(2) 1 5/8" (1.63"-41.3mm) Fiber
162.0	(2) 1.99" (50.7mm) Hybrid
162.0	(3) 1 5/8" (1.63"-41.3mm) Fiber
152.0	(6) 1 5/8" Coax
140.0	(1) 1.60" (40.6mm) Hybrid
104.0	(1) 7/8" Coax

GLOBAL BASE REACTIONS

Load Case	Moment (kip-ft)	Axial (kip)	Shear (kip)
1.2D + 1.0W	4293.93	54.33	36.31
0.9D + 1.0W	4244.86	40.73	36.29
1.2D + 1.0Di + 1.0Wi	1064.34	70.67	9.16
1.2D + 1.0Ev + 1.0Eh	197.74	54.51	1.36
0.9D - 1.0Ev + 1.0Eh	194.79	37.58	1.36
1.0D + 1.0W	879.60	45.31	7.48

ANALYSIS PARAMETERS

Location:	Middlesex County,CT	**Height:**	175 ft
Type and Shape:	Taper, 18 Sides	**Base Diameter:**	64.69 in
Manufacturer:	Valmont	**Top Diameter:**	20.00 in
K_d (non-service):	0.95	**Taper:**	0.2650 in/ft
K_e:	1.00	**Rotation:**	0.000°

ICE & WIND PARAMETERS

Risk Category:	II	**Design Wind Speed:**	125 mph
Exposure Category:	C	**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:**	53.00 ft

SEISMIC PARAMETERS

Analysis Method:	Equivalent Lateral Force Method				
Site Class:	D - Stiff Soil		**Period Based on Rayleigh Method (sec):**		2.57
T_L (sec):	6	**P:**	1	**C_s:**	0.030
S_s:	0.202	**S_1:**	0.053	**C_s Max:**	0.030
F_a:	1.600	**F_v:**	2.400	**C_s Min:**	0.030
S_{ds}:	0.215	**S_{d1}:**	0.085		

LOAD CASES

1.2D + 1.0W	125 mph Wind with No Ice
0.9D + 1.0W	125 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

Section	Length (ft)	Thick (in)	Fy (ksi)	Joint Type	Joint Len (in)	Weight (lb)	Bottom Dia (in)	Bottom Elev (ft)	Bottom Area (in²)	Bottom Ix (in⁴)	Bottom W/t Ratio	Bottom D/t Ratio	Top Dia (in)	Top Elev (ft)	Top Area (in²)	Top Ix (in⁴)	Top W/t Ratio	Top D/t Ratio	Taper (in/ft)
1-18	53.50	0.3750	65		0.00	12,399	64.69	0.000	76.55	40,004.8	28.65	172.51	50.51	53.50	59.67	18,951.	21.99	134.70	0.2650
2-18	53.50	0.3750	65	Slip	81.00	9,877	53.05	46.750	62.69	21,978.8	23.18	141.47	38.87	100.25	45.82	8,579.6	16.51	103.66	0.2650
3-18	39.25	0.2813	65	Slip	63.00	4,214	40.83	95.000	36.20	7,518.4	23.83	145.13	30.42	134.25	26.91	3,089.4	17.31	108.15	0.2650
4-18	45.00	0.1875	65	Slip	51.00	2,349	31.93	130.000	18.89	2,403.8	28.26	170.27	20.00	175.00	11.79	584.7	17.05	106.67	0.2650
			Total Shaft Weight			**28,839**													

DISCRETE APPURTENANCE PROPERTIES

Attach Elev (ft)	Description	Qty	Ka	Vert Ecc (ft)	No Ice Weight (lb)	No Ice EPAa (sf)	No Ice Orientation Factor	Ice Weight (lb)	Ice EPAa (sf)	Ice Orientation Factor
178.00	Samsung B2/B66A RRH-BR049	3	0.75	2.000	84.40	1.875	0.50	127.65	2.487	0.50
177.50	RFS DB-B1-6C-12AB-0Z (32 lbs.)	2	0.75	0.000	32.00	2.512	0.50	86.13	3.218	0.50
173.00	Samsung MT6407-77A	3	0.75	0.000	81.60	4.709	0.61	150.61	5.737	0.61
173.00	Site Pro 1 RMQP-496-HK	1	1.00	0.000	1799.00	35.860	1.00	2732.38	52.267	1.00
173.00	Commscope JAHH-65B-R3B	6	0.75	2.000	60.60	9.113	0.69	197.57	10.991	0.69
173.00	Samsung B5/B13 RRH-BR04C	3	0.75	0.000	70.30	1.875	0.50	109.03	2.486	0.50
173.00	Kaelus KA-6030	2	0.75	0.000	17.60	0.963	0.50	33.56	1.405	0.50
173.00	Amphenol Antel BXA-80063-4CF-E	3	0.75	0.000	9.90	4.708	0.65	78.71	5.954	0.65
173.00	Commscope CBC78T-DS-43-2X	3	0.75	0.000	20.70	0.552	0.50	35.66	0.896	0.50
173.00	Generic Mount Reinforcement	3	0.75	0.000	200.00	4.980	0.67	331.03	8.346	0.67
162.00	Site Pro 1 RMQP-496-HK	1	1.00	0.000	1799.00	35.860	1.00	2726.50	52.163	1.00
162.00	RFS APXVAARR24_43-U-NA20	3	0.75	0.000	127.90	20.243	0.63	392.02	22.738	0.63
162.00	Ericsson Air6449 B41	3	0.75	0.000	104.00	5.682	0.63	195.69	6.750	0.63
162.00	Generic Mount Reinforcement	3	0.75	0.000	200.00	4.980	0.67	330.20	8.325	0.67
162.00	Ericsson 4460 BAND 2/25	3	0.75	0.000	109.00	2.564	0.67	168.47	3.273	0.67
162.00	Ericsson Radio 4449 B71 B85A	3	0.75	0.000	75.00	1.650	0.50	115.46	2.222	0.50
162.00	RFS APX16DWV-16DWVS-E-A20	3	0.75	0.000	40.70	6.586	0.60	119.29	8.043	0.60
152.60	RFS APXV18-206517S-C	3	1.00	0.000	26.40	5.160	0.68	88.35	6.741	0.68
140.00	Generic Round Platform with Ha	1	1.00	0.000	2500.00	27.200	1.00	3572.66	43.388	1.00
140.00	JMA Wireless MX08FRO665-21	3	0.75	0.000	64.50	12.489	0.64	234.71	14.350	0.64
140.00	Fujitsu TA08025-B604	3	0.75	0.000	63.90	1.962	0.50	102.52	2.571	0.50
140.00	Fujitsu TA08025-B605	3	0.75	0.000	75.00	1.962	0.50	116.49	2.571	0.50
140.00	Commscope RDIDC-9181-PF-48	1	0.75	0.000	21.90	1.867	0.50	59.59	2.463	0.50
104.10	Generic 7' Omni	1	1.00	0.000	25.00	2.100	1.00	59.44	3.302	1.00
101.00	Generic Round Side Arm	1	1.00	0.000	187.50	5.200	1.00	246.19	6.944	1.00
Totals	**Row Count: 25**	**64**			**10,855.10**			**18,909.23**		

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	173.00	18	1 5/8" Coax	1.98	0.82	N	0	0	0	0	0	N	VERIZON WIRELESS
0.00	173.00	2	1 5/8" (1.63"-41.3mm)	1.63	1.61	N	0	0	0	0	0	N	VERIZON WIRELESS
0.00	162.00	3	1 5/8" (1.63"-41.3mm)	1.63	1.61	N	0	0	0	0	0	N	T-MOBILE
0.00	162.00	2	1.99" (50.7mm) Hybrid	1.99	1.9	N	0	0	0	0	0	N	T-MOBILE
0.00	152.00	6	1 5/8" Coax	1.98	0.82	N	0	0	0	0	0	N	METRO PCS INC
0.00	140.00	1	1.60" (40.6mm) Hybrid	1.6	2.34	N	0	0	0	0	0	N	DISH WIRELESS L.L.C.
0.00	104.00	1	7/8" Coax	1.09	0.33	N	1	1	1	90	1	Y	OTHER

SEGMENT PROPERTIES

Seg Top Elev (ft)	Description *(Max Length: 5 ft)*	Thick (in)	Flat Dia (in)	Area (in²)	Ix (in⁴)	W/t Ratio	D/t Ratio	F'y (ksi)	S (in³)	Z (in³)	Weight (lb)
0.00		0.3750	64.690	76.548	40,004.80	28.65	172.51	67.7	1218.0	0.0	0.0
5.00		0.3750	63.365	74.971	37,582.80	28.03	168.97	68.4	1168.2	0.0	1,289.0
10.00		0.3750	62.040	73.394	35,260.50	27.41	165.44	69.2	1119.4	0.0	1,262.1
15.00		0.3750	60.715	71.817	33,036.00	26.79	161.91	69.9	1071.7	0.0	1,235.3

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)
20.00			0.3750	59.390	70.240	30,907.00	26.16	158.37	70.6	1025.0	0.0	1,208.5
25.00			0.3750	58.065	68.663	28,871.50	25.54	154.84	71.4	979.4	0.0	1,181.6
30.00			0.3750	56.740	67.086	26,927.40	24.92	151.31	72.1	934.7	0.0	1,154.8
35.00			0.3750	55.414	65.508	25,072.60	24.29	147.77	72.8	891.2	0.0	1,128.0
40.00			0.3750	54.089	63.931	23,305.00	23.67	144.24	73.6	848.6	0.0	1,101.1
45.00			0.3750	52.764	62.354	21,622.40	23.05	140.70	74.3	807.1	0.0	1,074.3
46.75	Bot - Section 2		0.3750	52.301	61.802	21,053.30	22.83	139.47	74.6	792.9	0.0	369.7
50.00			0.3750	51.439	60.777	20,022.90	22.42	137.17	75	766.7	0.0	1,365.5
53.50	Top - Section 1		0.3750	51.262	60.566	19,814.80	22.34	136.70	75.1	761.3	0.0	1,445.2
55.00			0.3750	50.864	60.093	19,354.00	22.15	135.64	75.3	749.4	0.0	307.9
60.00			0.3750	49.539	58.516	17,869.90	21.53	132.10	76.1	710.5	0.0	1,009.0
65.00			0.3750	48.214	56.938	16,463.60	20.91	128.57	76.8	672.6	0.0	982.2
70.00			0.3750	46.889	55.361	15,133.10	20.28	125.04	77.5	635.7	0.0	955.3
75.00			0.3750	45.564	53.784	13,876.20	19.66	121.50	78.3	599.8	0.0	928.5
80.00			0.3750	44.239	52.207	12,691.00	19.04	117.97	79	565.0	0.0	901.7
85.00			0.3750	42.914	50.630	11,575.30	18.42	114.44	79.7	531.3	0.0	874.8
90.00			0.3750	41.589	49.053	10,526.90	17.79	110.90	80.5	498.5	0.0	848.0
95.00	Bot - Section 3		0.3750	40.264	47.476	9,543.80	17.17	107.37	81.2	466.9	0.0	821.2
100.00			0.3750	38.939	45.899	8,624.00	16.55	103.84	81.9	436.2	0.0	1,400.2
100.25	Top - Section 2		0.2813	39.435	34.957	6,770.60	22.96	140.19	74.4	338.2	0.0	68.8
101.00			0.2813	39.236	34.779	6,668.10	22.83	139.48	74.5	334.7	0.0	89.0
104.10			0.2813	38.415	34.046	6,255.00	22.32	136.56	75.2	320.7	0.0	363.0
105.00			0.2813	38.176	33.833	6,138.40	22.17	135.71	75.3	316.7	0.0	103.9
110.00			0.2813	36.851	32.650	5,516.70	21.34	131.00	76.3	294.9	0.0	565.6
115.00			0.2813	35.526	31.467	4,938.50	20.51	126.29	77.3	273.8	0.0	545.4
120.00			0.2813	34.201	30.284	4,402.20	19.67	121.58	78.3	253.5	0.0	525.3
125.00			0.2813	32.876	29.101	3,906.10	18.84	116.87	79.2	234.0	0.0	505.2
130.00	Bot - Section 4		0.2813	31.551	27.918	3,448.90	18.01	112.16	80.2	215.3	0.0	485.1
134.25	Top - Section 3		0.1875	30.799	18.217	2,156.80	27.20	164.26	69.4	137.9	0.0	664.8
135.00			0.1875	30.601	18.099	2,115.10	27.01	163.20	69.6	136.1	0.0	46.3
140.00			0.1875	29.276	17.310	1,850.50	25.77	156.14	71.1	124.5	0.0	301.2
145.00			0.1875	27.951	16.522	1,609.00	24.52	149.07	72.6	113.4	0.0	287.8
150.00			0.1875	26.625	15.733	1,389.40	23.28	142.00	74	102.8	0.0	274.4
152.60			0.1875	25.936	15.323	1,283.60	22.63	138.33	74.8	97.5	0.0	137.4
155.00			0.1875	25.300	14.945	1,190.80	22.03	134.94	75.5	92.7	0.0	123.6
160.00			0.1875	23.975	14.156	1,012.10	20.78	127.87	77	83.1	0.0	247.6
162.00			0.1875	23.445	13.841	945.90	20.28	125.04	77.5	79.5	0.0	95.3
165.00			0.1875	22.650	13.368	852.20	19.54	120.80	78.4	74.1	0.0	138.9
170.00			0.1875	21.325	12.579	710.10	18.29	113.73	79.9	65.6	0.0	220.7
173.00			0.1875	20.530	12.106	632.90	17.54	109.49	80.8	60.7	0.0	126.0
175.00			0.1875	20.000	11.791	584.70	17.05	106.67	81.4	57.6	0.0	81.3
											Total:	**28,840.5**

CALCULATED FORCES

Load Case: 1.2D + 1.0W — 125 mph Wind with No Ice — 25 Iterations

Gust Response Factor: 1.10
Dead load Factor: 1.20
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	-54.33	-36.31	0.00	-4,293.9	0.00	4,293.93	4,663.96	1,343.42	7,803.58	6,184.38	0	0	0.707
5.00	-52.48	-35.75	0.00	-4,112.4	0.00	4,112.37	4,617.32	1,315.74	7,485.37	5,995.65	0.08	-0.15	0.698
10.00	-50.67	-35.20	0.00	-3,933.6	0.00	3,933.60	4,568.59	1,288.06	7,173.78	5,806.85	0.32	-0.3	0.689
15.00	-48.89	-34.65	0.00	-3,757.6	0.00	3,757.58	4,517.79	1,260.39	6,868.82	5,618.13	0.72	-0.46	0.680
20.00	-47.15	-34.08	0.00	-3,584.3	0.00	3,584.32	4,464.90	1,232.71	6,570.48	5,429.68	1.28	-0.61	0.671
25.00	-45.44	-33.48	0.00	-3,413.9	0.00	3,413.93	4,409.93	1,205.03	6,278.76	5,241.66	2.01	-0.78	0.662
30.00	-43.77	-32.87	0.00	-3,246.5	0.00	3,246.53	4,352.89	1,177.35	5,993.67	5,054.25	2.92	-0.94	0.653
35.00	-42.13	-32.24	0.00	-3,082.2	0.00	3,082.20	4,293.76	1,149.67	5,715.20	4,867.62	3.99	-1.11	0.644
40.00	-40.52	-31.60	0.00	-2,921.0	0.00	2,921.01	4,232.55	1,121.99	5,443.35	4,681.93	5.24	-1.28	0.634
45.00	-38.97	-31.16	0.00	-2,763.0	0.00	2,763.00	4,169.26	1,094.32	5,178.13	4,497.36	6.67	-1.45	0.625
46.75	-38.42	-30.84	0.00	-2,708.5	0.00	2,708.48	4,146.62	1,084.63	5,086.87	4,433.06	7.22	-1.51	0.621

CALCULATED FORCES

50.00	-36.60	-30.37	0.00	-2,608.3	0.00	2,608.26	4,103.89	1,066.64	4,919.53	4,314.09	8.29	-1.63	0.614
53.50	-34.68	-30.00	0.00	-2,502.0	0.00	2,501.97	4,094.98	1,062.93	4,885.39	4,289.64	9.53	-1.76	0.593
55.00	-34.21	-29.58	0.00	-2,457.0	0.00	2,456.96	4,074.88	1,054.63	4,809.36	4,234.99	10.09	-1.81	0.589
60.00	-32.73	-28.91	0.00	-2,309.0	0.00	2,309.04	4,006.53	1,026.95	4,560.26	4,053.87	12.09	-1.99	0.579
65.00	-31.28	-28.24	0.00	-2,164.5	0.00	2,164.48	3,936.10	999.27	4,317.79	3,874.45	14.27	-2.17	0.567
70.00	-29.87	-27.58	0.00	-2,023.3	0.00	2,023.26	3,863.58	971.59	4,081.94	3,696.92	16.63	-2.35	0.556
75.00	-28.50	-26.91	0.00	-1,885.4	0.00	1,885.38	3,788.99	943.91	3,852.71	3,521.44	19.19	-2.53	0.544
80.00	-27.16	-26.26	0.00	-1,750.8	0.00	1,750.81	3,712.32	916.23	3,630.10	3,348.18	21.94	-2.72	0.531
85.00	-25.85	-25.61	0.00	-1,619.5	0.00	1,619.52	3,633.57	888.56	3,414.12	3,177.31	24.89	-2.91	0.518
90.00	-24.58	-24.96	0.00	-1,491.5	0.00	1,491.49	3,552.73	860.88	3,204.76	3,009.01	28.03	-3.1	0.503
95.00	-23.35	-24.32	0.00	-1,366.7	0.00	1,366.68	3,469.82	833.20	3,002.03	2,843.45	31.38	-3.29	0.488
100.00	-21.44	-23.91	0.00	-1,245.1	0.00	1,245.07	3,384.83	805.52	2,805.92	2,680.80	34.93	-3.49	0.472
100.25	-21.35	-23.85	0.00	-1,239.1	0.00	1,239.09	2,340.74	613.49	2,169.55	1,886.99	35.11	-3.5	0.667
101.00	-20.98	-23.34	0.00	-1,221.2	0.00	1,221.21	2,333.44	610.38	2,147.58	1,871.49	35.66	-3.53	0.663
104.10	-20.37	-22.97	0.00	-1,148.9	0.00	1,148.86	2,302.79	597.51	2,057.96	1,807.67	38.01	-3.68	0.646
105.00	-20.17	-22.65	0.00	-1,128.2	0.00	1,128.19	2,293.74	593.77	2,032.30	1,789.23	38.7	-3.73	0.641
110.00	-19.24	-22.06	0.00	-1,015.0	0.00	1,014.96	2,242.24	573.01	1,892.67	1,687.44	42.74	-3.98	0.612
115.00	-18.33	-21.48	0.00	-904.7	0.00	904.66	2,188.66	552.24	1,758.02	1,586.98	47.04	-4.23	0.580
120.00	-17.46	-20.92	0.00	-797.2	0.00	797.25	2,133.00	531.48	1,628.33	1,488.02	51.59	-4.47	0.546
125.00	-16.61	-20.36	0.00	-692.7	0.00	692.67	2,075.26	510.72	1,503.61	1,390.72	56.4	-4.71	0.508
130.00	-15.80	-19.85	0.00	-590.9	0.00	590.88	2,015.44	489.96	1,383.85	1,295.25	61.46	-4.95	0.466
134.25	-14.82	-19.52	0.00	-506.5	0.00	506.53	1,137.98	319.71	883.94	718.00	65.94	-5.14	0.722
135.00	-14.70	-19.26	0.00	-491.9	0.00	491.89	1,134.17	317.64	872.50	710.93	66.75	-5.17	0.709
140.00	-10.63	-15.56	0.00	-395.6	0.00	395.60	1,107.59	303.80	798.14	663.83	72.33	-5.47	0.608
145.00	-10.08	-15.06	0.00	-317.8	0.00	317.80	1,078.93	289.96	727.09	617.01	78.2	-5.74	0.527
150.00	-9.55	-14.68	0.00	-242.5	0.00	242.48	1,048.19	276.12	659.34	570.62	84.34	-5.99	0.437
152.60	-9.26	-13.83	0.00	-204.3	0.00	204.31	1,031.38	268.92	625.43	546.74	87.64	-6.11	0.385
155.00	-9.04	-13.49	0.00	-171.1	0.00	171.13	1,015.36	262.28	594.91	524.86	90.73	-6.21	0.338
160.00	-8.60	-13.16	0.00	-103.6	0.00	103.65	980.46	248.44	533.80	479.88	97.32	-6.38	0.228
162.00	-4.56	-6.92	0.00	-77.3	0.00	77.34	965.92	242.91	510.28	462.14	99.99	-6.43	0.173
165.00	-4.36	-6.58	0.00	-56.6	0.00	56.57	943.48	234.60	475.99	435.85	104.04	-6.49	0.135
170.00	-4.02	-6.23	0.00	-23.7	0.00	23.67	904.42	220.76	421.50	392.96	110.86	-6.55	0.065
173.00	-0.44	-0.36	0.00	-1.6	0.00	1.62	879.98	212.46	390.39	367.83	114.98	-6.57	0.005
175.00	0.00	-0.30	0.00	-0.9	0.00	0.91	863.27	206.92	370.31	351.36	117.73	-6.57	0.003

CALCULATED FORCES

Load Case: 0.9D + 1.0W — 125 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	-40.73	-36.29	0.00	-4,244.9	0.00	4,244.86	4,663.96	1,343.42	7,803.58	6,184.38	0	0	0.696
5.00	-39.33	-35.70	0.00	-4,063.4	0.00	4,063.39	4,617.32	1,315.74	7,485.37	5,995.65	0.08	-0.15	0.687
10.00	-37.95	-35.12	0.00	-3,884.9	0.00	3,884.89	4,568.59	1,288.06	7,173.78	5,806.85	0.32	-0.3	0.678
15.00	-36.59	-34.53	0.00	-3,709.3	0.00	3,709.31	4,517.79	1,260.39	6,868.82	5,618.13	0.71	-0.45	0.669
20.00	-35.27	-33.93	0.00	-3,536.6	0.00	3,536.65	4,464.90	1,232.71	6,570.48	5,429.68	1.27	-0.61	0.660
25.00	-33.96	-33.30	0.00	-3,367.0	0.00	3,367.01	4,409.93	1,205.03	6,278.76	5,241.66	1.99	-0.77	0.651
30.00	-32.69	-32.66	0.00	-3,200.5	0.00	3,200.50	4,352.89	1,177.35	5,993.67	5,054.25	2.88	-0.93	0.642
35.00	-31.44	-32.01	0.00	-3,037.2	0.00	3,037.20	4,293.76	1,149.67	5,715.20	4,867.62	3.94	-1.09	0.632
40.00	-30.22	-31.35	0.00	-2,877.2	0.00	2,877.17	4,232.55	1,121.99	5,443.35	4,681.93	5.18	-1.26	0.622
45.00	-29.05	-30.89	0.00	-2,720.4	0.00	2,720.44	4,169.26	1,094.32	5,178.13	4,497.36	6.59	-1.43	0.613
46.75	-28.62	-30.56	0.00	-2,666.4	0.00	2,666.38	4,146.62	1,084.63	5,086.87	4,433.06	7.12	-1.49	0.609
50.00	-27.24	-30.08	0.00	-2,567.1	0.00	2,567.08	4,103.89	1,066.64	4,919.53	4,314.09	8.18	-1.61	0.602
53.50	-25.80	-29.71	0.00	-2,461.8	0.00	2,461.79	4,094.98	1,062.93	4,885.39	4,289.64	9.41	-1.73	0.581
55.00	-25.43	-29.28	0.00	-2,417.2	0.00	2,417.22	4,074.88	1,054.63	4,809.36	4,234.99	9.96	-1.79	0.578
60.00	-24.31	-28.59	0.00	-2,270.8	0.00	2,270.82	4,006.53	1,026.95	4,560.26	4,053.87	11.93	-1.96	0.567
65.00	-23.21	-27.91	0.00	-2,127.8	0.00	2,127.85	3,936.10	999.27	4,317.79	3,874.45	14.07	-2.14	0.556
70.00	-22.14	-27.23	0.00	-1,988.3	0.00	1,988.29	3,863.58	971.59	4,081.94	3,696.92	16.41	-2.31	0.544
75.00	-21.10	-26.56	0.00	-1,852.1	0.00	1,852.13	3,788.99	943.91	3,852.71	3,521.44	18.93	-2.49	0.532
80.00	-20.08	-25.89	0.00	-1,719.3	0.00	1,719.33	3,712.32	916.23	3,630.10	3,348.18	21.64	-2.68	0.520
85.00	-19.09	-25.24	0.00	-1,589.9	0.00	1,589.87	3,633.57	888.56	3,414.12	3,177.31	24.54	-2.86	0.506
90.00	-18.13	-24.59	0.00	-1,463.7	0.00	1,463.69	3,552.73	860.88	3,204.76	3,009.01	27.64	-3.05	0.492
95.00	-17.19	-23.94	0.00	-1,340.8	0.00	1,340.77	3,469.82	833.20	3,002.03	2,843.45	30.93	-3.24	0.477
100.00	-15.76	-23.54	0.00	-1,221.1	0.00	1,221.07	3,384.83	805.52	2,805.92	2,680.80	34.42	-3.43	0.461
100.25	-15.69	-23.48	0.00	-1,215.2	0.00	1,215.18	2,340.74	613.49	2,169.55	1,886.99	34.6	-3.44	0.652
101.00	-15.41	-22.97	0.00	-1,197.6	0.00	1,197.57	2,333.44	610.38	2,147.58	1,871.49	35.15	-3.47	0.648
104.10	-14.95	-22.60	0.00	-1,126.4	0.00	1,126.36	2,302.79	597.51	2,057.96	1,807.67	37.45	-3.62	0.631
105.00	-14.80	-22.27	0.00	-1,106.0	0.00	1,106.02	2,293.74	593.77	2,032.30	1,789.23	38.14	-3.67	0.626
110.00	-14.08	-21.67	0.00	-994.7	0.00	994.69	2,242.24	573.01	1,892.67	1,687.44	42.11	-3.91	0.597
115.00	-13.40	-21.09	0.00	-886.3	0.00	886.33	2,188.66	552.24	1,758.02	1,586.98	46.34	-4.16	0.566
120.00	-12.73	-20.52	0.00	-780.9	0.00	780.90	2,133.00	531.48	1,628.33	1,488.02	50.82	-4.4	0.532
125.00	-12.09	-19.96	0.00	-678.3	0.00	678.32	2,075.26	510.72	1,503.61	1,390.72	55.55	-4.63	0.495
130.00	-11.47	-19.45	0.00	-578.5	0.00	578.53	2,015.44	489.96	1,383.85	1,295.25	60.52	-4.86	0.454
134.25	-10.74	-19.13	0.00	-495.9	0.00	495.89	1,137.98	319.71	883.94	718.00	64.92	-5.05	0.704
135.00	-10.64	-18.86	0.00	-481.5	0.00	481.54	1,134.17	317.64	872.50	710.93	65.72	-5.08	0.690
140.00	-7.65	-15.25	0.00	-387.2	0.00	387.24	1,107.59	303.80	798.14	663.83	71.2	-5.37	0.593
145.00	-7.23	-14.76	0.00	-311.0	0.00	310.98	1,078.93	289.96	727.09	617.01	76.97	-5.64	0.513
150.00	-6.83	-14.38	0.00	-237.2	0.00	237.21	1,048.19	276.12	659.34	570.62	83	-5.89	0.425
152.60	-6.63	-13.53	0.00	-199.8	0.00	199.83	1,031.38	268.92	625.43	546.74	86.24	-6	0.374
155.00	-6.47	-13.19	0.00	-167.4	0.00	167.37	1,015.36	262.28	594.91	524.86	89.27	-6.1	0.328
160.00	-6.14	-12.86	0.00	-101.4	0.00	101.40	980.46	248.44	533.80	479.88	95.74	-6.26	0.220
162.00	-3.26	-6.77	0.00	-75.7	0.00	75.67	965.92	242.91	510.28	462.14	98.37	-6.31	0.168
165.00	-3.11	-6.43	0.00	-55.4	0.00	55.37	943.48	234.60	475.99	435.85	102.35	-6.37	0.131
170.00	-2.87	-6.09	0.00	-23.2	0.00	23.22	904.42	220.76	421.50	392.96	109.05	-6.43	0.063
173.00	-0.32	-0.34	0.00	-1.6	0.00	1.59	879.98	212.46	390.39	367.83	113.09	-6.45	0.005
175.00	0.00	-0.30	0.00	-0.9	0.00	0.91	863.27	206.92	370.31	351.36	115.79	-6.45	0.003

CALCULATED FORCES

Load Case: 1.2D + 1.0Di + 1.0Wi — 50 mph Wind with 1" Radial Ice — 24 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	-70.67	-9.16	0.00	-1,064.3	0.00	1,064.34	4,663.96	1,343.42	7,803.58	6,184.38	0	0	0.187
5.00	-68.60	-9.02	0.00	-1,018.5	0.00	1,018.54	4,617.32	1,315.74	7,485.37	5,995.65	0.02	-0.04	0.185
10.00	-66.53	-8.88	0.00	-973.4	0.00	973.45	4,568.59	1,288.06	7,173.78	5,806.85	0.08	-0.07	0.182
15.00	-64.48	-8.73	0.00	-929.1	0.00	929.07	4,517.79	1,260.39	6,868.82	5,618.13	0.18	-0.11	0.180
20.00	-62.46	-8.59	0.00	-885.4	0.00	885.40	4,464.90	1,232.71	6,570.48	5,429.68	0.32	-0.15	0.177
25.00	-60.47	-8.43	0.00	-842.5	0.00	842.47	4,409.93	1,205.03	6,278.76	5,241.66	0.5	-0.19	0.174
30.00	-58.52	-8.27	0.00	-800.3	0.00	800.33	4,352.89	1,177.35	5,993.67	5,054.25	0.72	-0.23	0.172
35.00	-56.60	-8.10	0.00	-759.0	0.00	758.98	4,293.76	1,149.67	5,715.20	4,867.62	0.99	-0.27	0.169
40.00	-54.71	-7.94	0.00	-718.5	0.00	718.46	4,232.55	1,121.99	5,443.35	4,681.93	1.3	-0.32	0.166
45.00	-52.86	-7.82	0.00	-678.8	0.00	678.78	4,169.26	1,094.32	5,178.13	4,497.36	1.65	-0.36	0.164
46.75	-52.22	-7.73	0.00	-665.1	0.00	665.10	4,146.62	1,084.63	5,086.87	4,433.06	1.78	-0.37	0.163
50.00	-50.22	-7.61	0.00	-640.0	0.00	639.97	4,103.89	1,066.64	4,919.53	4,314.09	2.05	-0.4	0.161
53.50	-48.09	-7.51	0.00	-613.3	0.00	613.33	4,094.98	1,062.93	4,885.39	4,289.64	2.36	-0.43	0.155
55.00	-47.56	-7.40	0.00	-602.1	0.00	602.06	4,074.88	1,054.63	4,809.36	4,234.99	2.49	-0.45	0.154
60.00	-45.80	-7.23	0.00	-565.0	0.00	565.04	4,006.53	1,026.95	4,560.26	4,053.87	2.99	-0.49	0.151
65.00	-44.08	-7.05	0.00	-528.9	0.00	528.91	3,936.10	999.27	4,317.79	3,874.45	3.52	-0.53	0.148
70.00	-42.39	-6.87	0.00	-493.7	0.00	493.68	3,863.58	971.59	4,081.94	3,696.92	4.1	-0.58	0.145
75.00	-40.75	-6.69	0.00	-459.3	0.00	459.34	3,788.99	943.91	3,852.71	3,521.44	4.73	-0.62	0.141
80.00	-39.14	-6.51	0.00	-425.9	0.00	425.89	3,712.32	916.23	3,630.10	3,348.18	5.41	-0.67	0.138
85.00	-37.58	-6.34	0.00	-393.3	0.00	393.32	3,633.57	888.56	3,414.12	3,177.31	6.13	-0.71	0.134
90.00	-36.05	-6.16	0.00	-361.6	0.00	361.63	3,552.73	860.88	3,204.76	3,009.01	6.91	-0.76	0.130
95.00	-34.57	-5.99	0.00	-330.8	0.00	330.81	3,469.82	833.20	3,002.03	2,843.45	7.73	-0.81	0.126
100.00	-32.39	-5.88	0.00	-300.8	0.00	300.85	3,384.83	805.52	2,805.92	2,680.80	8.6	-0.85	0.122
100.25	-32.28	-5.86	0.00	-299.4	0.00	299.38	2,340.74	613.49	2,169.55	1,886.99	8.64	-0.86	0.173
101.00	-31.83	-5.74	0.00	-295.0	0.00	294.98	2,333.44	610.38	2,147.58	1,871.49	8.78	-0.86	0.171
104.10	-31.04	-5.64	0.00	-277.2	0.00	277.19	2,302.79	597.51	2,057.96	1,807.67	9.35	-0.9	0.167
105.00	-30.82	-5.56	0.00	-272.1	0.00	272.11	2,293.74	593.77	2,032.30	1,789.23	9.52	-0.91	0.166
110.00	-29.67	-5.40	0.00	-244.3	0.00	244.32	2,242.24	573.01	1,892.67	1,687.44	10.51	-0.97	0.158
115.00	-28.55	-5.24	0.00	-217.3	0.00	217.33	2,188.66	552.24	1,758.02	1,586.98	11.56	-1.03	0.150
120.00	-27.46	-5.09	0.00	-191.1	0.00	191.13	2,133.00	531.48	1,628.33	1,488.02	12.68	-1.09	0.141
125.00	-26.41	-4.93	0.00	-165.7	0.00	165.69	2,075.26	510.72	1,503.61	1,390.72	13.85	-1.15	0.132
130.00	-25.39	-4.79	0.00	-141.0	0.00	141.02	2,015.44	489.96	1,383.85	1,295.25	15.08	-1.2	0.122
134.25	-24.22	-4.70	0.00	-120.6	0.00	120.65	1,137.98	319.71	883.94	718.00	16.18	-1.25	0.190
135.00	-24.10	-4.63	0.00	-117.1	0.00	117.12	1,134.17	317.64	872.50	710.93	16.38	-1.26	0.186
140.00	-18.12	-3.73	0.00	-94.0	0.00	93.96	1,107.59	303.80	798.14	663.83	17.73	-1.33	0.158
145.00	-17.37	-3.59	0.00	-75.3	0.00	75.30	1,078.93	289.96	727.09	617.01	19.16	-1.39	0.138
150.00	-16.65	-3.48	0.00	-57.3	0.00	57.34	1,048.19	276.12	659.34	570.62	20.66	-1.45	0.117
152.60	-16.05	-3.28	0.00	-48.3	0.00	48.28	1,031.38	268.92	625.43	546.74	21.45	-1.48	0.104
155.00	-15.73	-3.19	0.00	-40.4	0.00	40.40	1,015.36	262.28	594.91	524.86	22.21	-1.51	0.093
160.00	-15.09	-3.09	0.00	-24.5	0.00	24.46	980.46	248.44	533.80	479.88	23.8	-1.54	0.067
162.00	-8.06	-1.67	0.00	-18.3	0.00	18.29	965.92	242.91	510.28	462.14	24.45	-1.56	0.048
165.00	-7.72	-1.57	0.00	-13.3	0.00	13.27	943.48	234.60	475.99	435.85	25.44	-1.57	0.039
170.00	-7.19	-1.47	0.00	-5.4	0.00	5.42	904.42	220.76	421.50	392.96	27.09	-1.59	0.022
173.00	-0.73	-0.09	0.00	-0.4	0.00	0.37	879.98	212.46	390.39	367.83	28.09	-1.59	0.002
175.00	0.00	-0.07	0.00	-0.2	0.00	0.19	863.27	206.92	370.31	351.36	28.75	-1.59	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	-45.31	-7.48	0.00	-879.6	0.00	879.60	4,663.96	1,343.42	7,803.58	6,184.38	0	0	0.152
5.00	-43.85	-7.36	0.00	-842.2	0.00	842.18	4,617.32	1,315.74	7,485.37	5,995.65	0.02	-0.03	0.150
10.00	-42.41	-7.25	0.00	-805.4	0.00	805.37	4,568.59	1,288.06	7,173.78	5,806.85	0.07	-0.06	0.148
15.00	-41.00	-7.13	0.00	-769.1	0.00	769.14	4,517.79	1,260.39	6,868.82	5,618.13	0.15	-0.09	0.146
20.00	-39.62	-7.00	0.00	-733.5	0.00	733.51	4,464.90	1,232.71	6,570.48	5,429.68	0.26	-0.13	0.144
25.00	-38.26	-6.88	0.00	-698.5	0.00	698.49	4,409.93	1,205.03	6,278.76	5,241.66	0.41	-0.16	0.142
30.00	-36.93	-6.75	0.00	-664.1	0.00	664.10	4,352.89	1,177.35	5,993.67	5,054.25	0.6	-0.19	0.140
35.00	-35.63	-6.62	0.00	-630.4	0.00	630.36	4,293.76	1,149.67	5,715.20	4,867.62	0.82	-0.23	0.138
40.00	-34.35	-6.48	0.00	-597.3	0.00	597.28	4,232.55	1,121.99	5,443.35	4,681.93	1.07	-0.26	0.136
45.00	-33.11	-6.39	0.00	-564.9	0.00	564.88	4,169.26	1,094.32	5,178.13	4,497.36	1.37	-0.3	0.134
46.75	-32.68	-6.32	0.00	-553.7	0.00	553.70	4,146.62	1,084.63	5,086.87	4,433.06	1.48	-0.31	0.133
50.00	-31.20	-6.22	0.00	-533.2	0.00	533.16	4,103.89	1,066.64	4,919.53	4,314.09	1.7	-0.33	0.131
53.50	-29.63	-6.15	0.00	-511.4	0.00	511.38	4,094.98	1,062.93	4,885.39	4,289.64	1.95	-0.36	0.126
55.00	-29.27	-6.06	0.00	-502.2	0.00	502.16	4,074.88	1,054.63	4,809.36	4,234.99	2.07	-0.37	0.126
60.00	-28.09	-5.92	0.00	-471.9	0.00	471.86	4,006.53	1,026.95	4,560.26	4,053.87	2.47	-0.41	0.123
65.00	-26.93	-5.78	0.00	-442.3	0.00	442.26	3,936.10	999.27	4,317.79	3,874.45	2.92	-0.44	0.121
70.00	-25.80	-5.64	0.00	-413.4	0.00	413.36	3,863.58	971.59	4,081.94	3,696.92	3.4	-0.48	0.119
75.00	-24.70	-5.50	0.00	-385.2	0.00	385.15	3,788.99	943.91	3,852.71	3,521.44	3.93	-0.52	0.116
80.00	-23.63	-5.37	0.00	-357.6	0.00	357.62	3,712.32	916.23	3,630.10	3,348.18	4.49	-0.56	0.113
85.00	-22.58	-5.23	0.00	-330.8	0.00	330.78	3,633.57	888.56	3,414.12	3,177.31	5.09	-0.59	0.110
90.00	-21.56	-5.10	0.00	-304.6	0.00	304.61	3,552.73	860.88	3,204.76	3,009.01	5.74	-0.63	0.107
95.00	-20.56	-4.97	0.00	-279.1	0.00	279.10	3,469.82	833.20	3,002.03	2,843.45	6.42	-0.67	0.104
100.00	-18.99	-4.89	0.00	-254.3	0.00	254.26	3,384.83	805.52	2,805.92	2,680.80	7.15	-0.71	0.100
100.25	-18.91	-4.87	0.00	-253.0	0.00	253.04	2,340.74	613.49	2,169.55	1,886.99	7.18	-0.71	0.142
101.00	-18.61	-4.77	0.00	-249.4	0.00	249.38	2,333.44	610.38	2,147.58	1,871.49	7.3	-0.72	0.141
104.10	-18.12	-4.69	0.00	-234.6	0.00	234.60	2,302.79	597.51	2,057.96	1,807.67	7.78	-0.75	0.138
105.00	-17.98	-4.63	0.00	-230.4	0.00	230.37	2,293.74	593.77	2,032.30	1,789.23	7.92	-0.76	0.137
110.00	-17.24	-4.50	0.00	-207.2	0.00	207.24	2,242.24	573.01	1,892.67	1,687.44	8.74	-0.81	0.131
115.00	-16.53	-4.39	0.00	-184.7	0.00	184.72	2,188.66	552.24	1,758.02	1,586.98	9.62	-0.86	0.124
120.00	-15.83	-4.27	0.00	-162.8	0.00	162.79	2,133.00	531.48	1,628.33	1,488.02	10.56	-0.91	0.117
125.00	-15.15	-4.16	0.00	-141.4	0.00	141.45	2,075.26	510.72	1,503.61	1,390.72	11.54	-0.96	0.109
130.00	-14.50	-4.05	0.00	-120.7	0.00	120.67	2,015.44	489.96	1,383.85	1,295.25	12.57	-1.01	0.100
134.25	-13.69	-3.99	0.00	-103.5	0.00	103.46	1,137.98	319.71	883.94	718.00	13.49	-1.05	0.156
135.00	-13.62	-3.93	0.00	-100.5	0.00	100.47	1,134.17	317.64	872.50	710.93	13.66	-1.06	0.153
140.00	-10.02	-3.18	0.00	-80.8	0.00	80.81	1,107.59	303.80	798.14	663.83	14.8	-1.12	0.131
145.00	-9.58	-3.08	0.00	-64.9	0.00	64.92	1,078.93	289.96	727.09	617.01	16	-1.17	0.114
150.00	-9.15	-3.00	0.00	-49.5	0.00	49.53	1,048.19	276.12	659.34	570.62	17.26	-1.22	0.096
152.60	-8.85	-2.82	0.00	-41.7	0.00	41.73	1,031.38	268.92	625.43	546.74	17.93	-1.25	0.085
155.00	-8.67	-2.76	0.00	-35.0	0.00	34.95	1,015.36	262.28	594.91	524.86	18.56	-1.27	0.075
160.00	-8.29	-2.69	0.00	-21.2	0.00	21.18	980.46	248.44	533.80	479.88	19.91	-1.3	0.053
162.00	-4.40	-1.41	0.00	-15.8	0.00	15.80	965.92	242.91	510.28	462.14	20.46	-1.31	0.039
165.00	-4.20	-1.34	0.00	-11.6	0.00	11.56	943.48	234.60	475.99	435.85	21.29	-1.33	0.031
170.00	-3.90	-1.27	0.00	-4.8	0.00	4.84	904.42	220.76	421.50	392.96	22.69	-1.34	0.017
173.00	-0.40	-0.07	0.00	-0.3	0.00	0.33	879.98	212.46	390.39	367.83	23.53	-1.34	0.001
175.00	0.00	-0.06	0.00	-0.2	0.00	0.19	863.27	206.92	370.31	351.36	24.09	-1.34	0.001

EQUIVALENT LATERAL FORCES METHOD ANALYSIS

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

Spectral Response Acceleration for Short Period (S_S):	0.202
Spectral Response Acceleration at 1.0 Second Period (S_1):	0.053
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}):	0.215
Design Spectral Response Acceleration at 1.0 Second Period (S_{d1}):	0.085
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):	2.570
Redundancy Factor (p):	1.000
Seismic Force Distribution Exponent (k):	2.000
Total Unfactored Dead Load:	45.310 k
Seismic Base Shear (E):	1.360 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)
44	174	81	2,462	0.005	7	101
43	171.5	180	5,292	0.011	14	224
42	167.5	311	8,715	0.018	24	386
41	163.5	193	5,154	0.010	14	240
40	161	148	3,849	0.008	10	185
39	157.5	381	9,442	0.019	26	473
38	153.8	187	4,434	0.009	12	233
37	151.3	216	4,954	0.010	13	269
36	147.5	432	9,400	0.019	26	537
35	142.5	445	9,046	0.018	25	554
34	137.5	471	8,897	0.018	24	585
33	134.625	72	1,300	0.003	4	89
32	132.125	809	14,118	0.028	38	1,005
31	127.5	654	10,638	0.021	29	813
30	122.5	675	10,122	0.020	28	839
29	117.5	695	9,591	0.019	26	864
28	112.5	715	9,047	0.018	25	889
27	107.5	735	8,493	0.017	23	914
26	104.55	134	1,469	0.003	4	167
25	102.55	469	4,932	0.010	13	583
24	100.625	115	1,161	0.002	3	143
23	100.125	77	775	0.002	2	96
22	97.5	1,571	14,936	0.030	41	1,953
21	92.5	992	8,489	0.017	23	1,233
20	87.5	1,019	7,802	0.016	21	1,267
19	82.5	1,046	7,118	0.014	19	1,300
18	77.5	1,073	6,443	0.013	18	1,333
17	72.5	1,099	5,779	0.012	16	1,367
16	67.5	1,126	5,132	0.010	14	1,400
15	62.5	1,153	4,505	0.009	12	1,433
14	57.5	1,180	3,901	0.008	11	1,467
13	54.25	359	1,057	0.002	3	447
12	51.75	1,565	4,191	0.008	11	1,945
11	48.375	1,477	3,456	0.007	9	1,836
10	45.875	430	904	0.002	2	534
9	42.5	1,245	2,249	0.004	6	1,548
8	37.5	1,272	1,789	0.004	5	1,581
7	32.5	1,299	1,372	0.003	4	1,615

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)
6	27.5	1,326	1,003	0.002	3	1,648
5	22.5	1,353	685	0.001	2	1,681
4	17.5	1,379	422	0.001	1	1,715
3	12.5	1,406	220	0.000	1	1,748
2	7.5	1,433	81	0.000	0	1,782
1	2.5	1,460	9	0.000	0	1,815
Samsung B2/B66A RRH-BR049	175	253	7,754	0.016	21	315
RFS DB-B1-6C-12AB-0Z (32 lbs.)	175	64	1,960	0.004	5	80
Commscope CBC78T-DS-43-2X	173	62	1,859	0.004	5	77
Kaelus KA-6030	173	35	1,054	0.002	3	44
Samsung B5/B13 RRH-BR04C	173	211	6,312	0.013	17	262
Amphenol Antel BXA-80063-4CF-EDIN-X	173	30	889	0.002	2	37
Samsung MT6407-77A	173	245	7,327	0.015	20	304
Generic Mount Reinforcement	173	600	17,957	0.036	49	746
Generic Mount Reinforcement	162	600	15,746	0.032	43	746
Commscope JAHH-65B-R3B	173	364	10,882	0.022	30	452
Site Pro 1 RMQP-496-HK	173	1,799	53,842	0.108	147	2,236
Site Pro 1 RMQP-496-HK	162	1,799	47,213	0.095	129	2,236
Ericsson Radio 4449 B71 B85A	162	225	5,905	0.012	16	280
Ericsson 4460 BAND 2/25	162	327	8,582	0.017	23	406
Ericsson Air6449 B41	162	312	8,188	0.016	22	388
RFS APX16DWV-16DWVS-E-A20	162	122	3,204	0.006	9	152
RFS APXVAARR24_43-U-NA20	162	384	10,070	0.020	27	477
RFS APXV18-206517S-C	152.6	79	1,844	0.004	5	98
Commscope RDIDC-9181-PF-48	140	22	429	0.001	1	27
Fujitsu TA08025-B605	140	225	4,410	0.009	12	280
Fujitsu TA08025-B604	140	192	3,757	0.008	10	238
JMA Wireless MX08FRO665-21	140	194	3,793	0.008	10	241
Generic Round Platform with Handrails	140	2,500	49,000	0.098	133	3,108
Generic 7' Omni	104.1	25	271	0.000	1	31
Generic Round Side Arm	101	188	1,913	0.004	5	233
	Totals:	**45,314**	**498,993**	**0.999**	**1,359**	**56,329**

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)
44	174	81	2,462	0.005	7	70
43	171.5	180	5,292	0.011	14	154
42	167.5	311	8,715	0.018	24	266
41	163.5	193	5,154	0.010	14	165
40	161	148	3,849	0.008	10	127
39	157.5	381	9,442	0.019	26	326
38	153.8	187	4,434	0.009	12	161
37	151.3	216	4,954	0.010	13	185
36	147.5	432	9,400	0.019	26	370
35	142.5	445	9,046	0.018	25	382
34	137.5	471	8,897	0.018	24	403
33	134.625	72	1,300	0.003	4	61
32	132.125	809	14,118	0.028	38	693
31	127.5	654	10,638	0.021	29	561
30	122.5	675	10,122	0.020	28	578
29	117.5	695	9,591	0.019	26	595
28	112.5	715	9,047	0.018	25	613
27	107.5	735	8,493	0.017	23	630
26	104.55	134	1,469	0.003	4	115
25	102.55	469	4,932	0.010	13	402
24	100.625	115	1,161	0.002	3	98
23	100.125	77	775	0.002	2	66
22	97.5	1,571	14,936	0.030	41	1,346
21	92.5	992	8,489	0.017	23	850

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)
20	87.5	1,019	7,802	0.016	21	873
19	82.5	1,046	7,118	0.014	19	896
18	77.5	1,073	6,443	0.013	18	919
17	72.5	1,099	5,779	0.012	16	942
16	67.5	1,126	5,132	0.010	14	965
15	62.5	1,153	4,505	0.009	12	988
14	57.5	1,180	3,901	0.008	11	1,011
13	54.25	359	1,057	0.002	3	308
12	51.75	1,565	4,191	0.008	11	1,341
11	48.375	1,477	3,456	0.007	9	1,265
10	45.875	430	904	0.002	2	368
9	42.5	1,245	2,249	0.004	6	1,067
8	37.5	1,272	1,789	0.004	5	1,090
7	32.5	1,299	1,372	0.003	4	1,113
6	27.5	1,326	1,003	0.002	3	1,136
5	22.5	1,353	685	0.001	2	1,159
4	17.5	1,379	422	0.001	1	1,182
3	12.5	1,406	220	0.000	1	1,205
2	7.5	1,433	81	0.000	0	1,228
1	2.5	1,460	9	0.000	0	1,251
Samsung B2/B66A RRH-BR049	175	253	7,754	0.016	21	217
RFS DB-B1-6C-12AB-0Z (32 lbs.)	175	64	1,960	0.004	5	55
Commscope CBC78T-DS-43-2X	173	62	1,859	0.004	5	53
Kaelus KA-6030	173	35	1,054	0.002	3	30
Samsung B5/B13 RRH-BR04C	173	211	6,312	0.013	17	181
Amphenol Antel BXA-80063-4CF-EDIN-X	173	30	889	0.002	2	25
Samsung MT6407-77A	173	245	7,327	0.015	20	210
Generic Mount Reinforcement	173	600	17,957	0.036	49	514
Generic Mount Reinforcement	162	600	15,746	0.032	43	514
Commscope JAHH-65B-R3B	173	364	10,882	0.022	30	312
Site Pro 1 RMQP-496-HK	173	1,799	53,842	0.108	147	1,542
Site Pro 1 RMQP-496-HK	162	1,799	47,213	0.095	129	1,542
Ericsson Radio 4449 B71 B85A	162	225	5,905	0.012	16	193
Ericsson 4460 BAND 2/25	162	327	8,582	0.017	23	280
Ericsson Air6449 B41	162	312	8,188	0.016	22	267
RFS APX16DWV-16DWVS-E-A20	162	122	3,204	0.006	9	105
RFS APXVAARR24_43-U-NA20	162	384	10,070	0.020	27	329
RFS APXV18-206517S-C	152.6	79	1,844	0.004	5	68
Commscope RDIDC-9181-PF-48	140	22	429	0.001	1	19
Fujitsu TA08025-B605	140	225	4,410	0.009	12	193
Fujitsu TA08025-B604	140	192	3,757	0.008	10	164
JMA Wireless MX08FRO665-21	140	194	3,793	0.008	10	166
Generic Round Platform with Handrails	140	2,500	49,000	0.098	133	2,142
Generic 7' Omni	104.1	25	271	0.000	1	21
Generic Round Side Arm	101	188	1,913	0.004	5	161
	Totals:	**45,314**	**498,993**	**0.999**	**1,359**	**38,830**

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	-54.51	-1.36	0.00	-197.74	0.00	197.74	4,663.96	1,343.42	7,804	6,184.38	0.00	0.00	0.04
5.00	-52.73	-1.37	0.00	-190.93	0.00	190.93	4,617.32	1,315.74	7,485	5,995.65	0.00	-0.01	0.04
10.00	-50.98	-1.37	0.00	-184.10	0.00	184.10	4,568.59	1,288.06	7,174	5,806.85	0.01	-0.01	0.04
15.00	-49.27	-1.38	0.00	-177.23	0.00	177.23	4,517.79	1,260.39	6,869	5,618.13	0.03	-0.02	0.04
20.00	-47.59	-1.38	0.00	-170.34	0.00	170.34	4,464.90	1,232.71	6,570	5,429.68	0.06	-0.03	0.04
25.00	-45.94	-1.38	0.00	-163.44	0.00	163.44	4,409.93	1,205.03	6,279	5,241.66	0.09	-0.04	0.04
30.00	-44.32	-1.39	0.00	-156.52	0.00	156.52	4,352.89	1,177.35	5,994	5,054.25	0.14	-0.04	0.04
35.00	-42.74	-1.39	0.00	-149.59	0.00	149.59	4,293.76	1,149.67	5,715	4,867.62	0.19	-0.05	0.04

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
40.00	-41.19	-1.38	0.00	-142.67	0.00	142.67	4,232.55	1,121.99	5,443	4,681.93	0.25	-0.06	0.04
45.00	-40.66	-1.38	0.00	-135.75	0.00	135.75	4,169.26	1,094.32	5,178	4,497.36	0.31	-0.07	0.04
46.75	-38.82	-1.38	0.00	-133.33	0.00	133.33	4,146.62	1,084.63	5,087	4,433.06	0.34	-0.07	0.04
50.00	-36.88	-1.37	0.00	-128.85	0.00	128.85	4,103.89	1,066.64	4,920	4,314.09	0.39	-0.08	0.04
53.50	-36.43	-1.37	0.00	-124.07	0.00	124.07	4,094.98	1,062.93	4,885	4,289.64	0.45	-0.08	0.04
55.00	-34.97	-1.36	0.00	-122.03	0.00	122.03	4,074.88	1,054.63	4,809	4,234.99	0.48	-0.09	0.04
60.00	-33.53	-1.35	0.00	-115.25	0.00	115.25	4,006.53	1,026.95	4,560	4,053.87	0.57	-0.10	0.04
65.00	-32.13	-1.34	0.00	-108.51	0.00	108.51	3,936.10	999.27	4,318	3,874.45	0.68	-0.10	0.04
70.00	-30.76	-1.32	0.00	-101.84	0.00	101.84	3,863.58	971.59	4,082	3,696.92	0.79	-0.11	0.04
75.00	-29.43	-1.31	0.00	-95.23	0.00	95.23	3,788.99	943.91	3,853	3,521.44	0.92	-0.12	0.04
80.00	-28.13	-1.29	0.00	-88.70	0.00	88.70	3,712.32	916.23	3,630	3,348.18	1.05	-0.13	0.03
85.00	-26.86	-1.27	0.00	-82.26	0.00	82.26	3,633.57	888.56	3,414	3,177.31	1.20	-0.14	0.03
90.00	-25.63	-1.25	0.00	-75.91	0.00	75.91	3,552.73	860.88	3,205	3,009.01	1.35	-0.15	0.03
95.00	-23.68	-1.21	0.00	-69.68	0.00	69.68	3,469.82	833.20	3,002	2,843.45	1.51	-0.16	0.03
100.00	-23.58	-1.20	0.00	-63.65	0.00	63.65	3,384.83	805.52	2,806	2,680.80	1.69	-0.17	0.03
100.25	-23.44	-1.20	0.00	-63.35	0.00	63.35	2,340.74	613.49	2,170	1,886.99	1.70	-0.17	0.04
101.00	-22.62	-1.18	0.00	-62.45	0.00	62.45	2,333.44	610.38	2,148	1,871.49	1.73	-0.17	0.04
104.10	-22.42	-1.18	0.00	-58.79	0.00	58.79	2,302.79	597.51	2,058	1,807.67	1.84	-0.18	0.04
105.00	-21.51	-1.16	0.00	-57.72	0.00	57.72	2,293.74	593.77	2,032	1,789.23	1.88	-0.18	0.04
110.00	-20.62	-1.13	0.00	-51.94	0.00	51.94	2,242.24	573.01	1,893	1,687.44	2.08	-0.20	0.04
115.00	-19.76	-1.11	0.00	-46.28	0.00	46.28	2,188.66	552.24	1,758	1,586.98	2.29	-0.21	0.04
120.00	-18.92	-1.08	0.00	-40.74	0.00	40.74	2,133.00	531.48	1,628	1,488.02	2.51	-0.22	0.04
125.00	-18.11	-1.05	0.00	-35.33	0.00	35.33	2,075.26	510.72	1,504	1,390.72	2.75	-0.23	0.03
130.00	-17.10	-1.01	0.00	-30.07	0.00	30.07	2,015.44	489.96	1,384	1,295.25	3.01	-0.25	0.03
134.25	-17.01	-1.01	0.00	-25.76	0.00	25.76	1,137.98	319.71	884	718.00	3.23	-0.26	0.05
135.00	-16.43	-0.99	0.00	-25.00	0.00	25.00	1,134.17	317.64	872	710.93	3.27	-0.26	0.05
140.00	-11.98	-0.78	0.00	-20.06	0.00	20.06	1,107.59	303.80	798	663.83	3.55	-0.27	0.04
145.00	-11.44	-0.75	0.00	-16.17	0.00	16.17	1,078.93	289.96	727	617.01	3.84	-0.29	0.04
150.00	-11.17	-0.74	0.00	-12.41	0.00	12.41	1,048.19	276.12	659	570.62	4.15	-0.30	0.03
152.60	-10.84	-0.72	0.00	-10.49	0.00	10.49	1,031.38	268.92	625	546.74	4.31	-0.31	0.03
155.00	-10.37	-0.69	0.00	-8.76	0.00	8.76	1,015.36	262.28	595	524.86	4.47	-0.31	0.03
160.00	-10.18	-0.68	0.00	-5.28	0.00	5.28	980.46	248.44	534	479.88	4.80	-0.32	0.02
162.00	-5.26	-0.37	0.00	-3.91	0.00	3.91	965.92	242.91	510	462.14	4.93	-0.32	0.01
165.00	-4.88	-0.35	0.00	-2.79	0.00	2.79	943.48	234.60	476	435.85	5.14	-0.32	0.01
170.00	-4.65	-0.33	0.00	-1.05	0.00	1.05	904.42	220.76	422	392.96	5.48	-0.33	0.01
173.00	-0.39	-0.03	0.00	-0.06	0.00	0.06	879.98	212.46	390	367.83	5.69	-0.33	0.00
175.00	0.00	-0.03	0.00	0.00	0.00	0.00	863.27	206.92	370	351.36	5.82	-0.33	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	-37.58	-1.36	0.00	-194.79	0.00	194.79	4,663.96	1,343.42	7,804	6,184.38	0.00	0.00	0.04
5.00	-36.35	-1.36	0.00	-187.99	0.00	187.99	4,617.32	1,315.74	7,485	5,995.65	0.00	-0.01	0.04
10.00	-35.14	-1.37	0.00	-181.17	0.00	181.17	4,568.59	1,288.06	7,174	5,806.85	0.01	-0.01	0.04
15.00	-33.96	-1.37	0.00	-174.33	0.00	174.33	4,517.79	1,260.39	6,869	5,618.13	0.03	-0.02	0.04
20.00	-32.80	-1.37	0.00	-167.47	0.00	167.47	4,464.90	1,232.71	6,570	5,429.68	0.06	-0.03	0.04
25.00	-31.67	-1.37	0.00	-160.61	0.00	160.61	4,409.93	1,205.03	6,279	5,241.66	0.09	-0.04	0.04
30.00	-30.55	-1.37	0.00	-153.74	0.00	153.74	4,352.89	1,177.35	5,994	5,054.25	0.13	-0.04	0.04
35.00	-29.46	-1.37	0.00	-146.87	0.00	146.87	4,293.76	1,149.67	5,715	4,867.62	0.18	-0.05	0.04
40.00	-28.40	-1.37	0.00	-140.02	0.00	140.02	4,232.55	1,121.99	5,443	4,681.93	0.24	-0.06	0.04
45.00	-28.03	-1.37	0.00	-133.17	0.00	133.17	4,169.26	1,094.32	5,178	4,497.36	0.31	-0.07	0.04
46.75	-26.76	-1.36	0.00	-130.78	0.00	130.78	4,146.62	1,084.63	5,087	4,433.06	0.34	-0.07	0.04
50.00	-25.42	-1.35	0.00	-126.36	0.00	126.36	4,103.89	1,066.64	4,920	4,314.09	0.39	-0.08	0.04
53.50	-25.11	-1.35	0.00	-121.64	0.00	121.64	4,094.98	1,062.93	4,885	4,289.64	0.44	-0.08	0.03
55.00	-24.10	-1.34	0.00	-119.62	0.00	119.62	4,074.88	1,054.63	4,809	4,234.99	0.47	-0.09	0.03
60.00	-23.11	-1.33	0.00	-112.93	0.00	112.93	4,006.53	1,026.95	4,560	4,053.87	0.56	-0.09	0.03
65.00	-22.15	-1.32	0.00	-106.29	0.00	106.29	3,936.10	999.27	4,318	3,874.45	0.67	-0.10	0.03
70.00	-21.21	-1.30	0.00	-99.71	0.00	99.71	3,863.58	971.59	4,082	3,696.92	0.78	-0.11	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
75.00	-20.29	-1.29	0.00	-93.21	0.00	93.21	3,788.99	943.91	3,853	3,521.44	0.90	-0.12	0.03
80.00	-19.39	-1.27	0.00	-86.78	0.00	86.78	3,712.32	916.23	3,630	3,348.18	1.03	-0.13	0.03
85.00	-18.52	-1.25	0.00	-80.45	0.00	80.45	3,633.57	888.56	3,414	3,177.31	1.18	-0.14	0.03
90.00	-17.67	-1.22	0.00	-74.21	0.00	74.21	3,552.73	860.88	3,205	3,009.01	1.33	-0.15	0.03
95.00	-16.32	-1.18	0.00	-68.09	0.00	68.09	3,469.82	833.20	3,002	2,843.45	1.49	-0.16	0.03
100.00	-16.25	-1.18	0.00	-62.18	0.00	62.18	3,384.83	805.52	2,806	2,680.80	1.66	-0.17	0.03
100.25	-16.16	-1.18	0.00	-61.88	0.00	61.88	2,340.74	613.49	2,170	1,886.99	1.67	-0.17	0.04
101.00	-15.59	-1.16	0.00	-61.00	0.00	61.00	2,333.44	610.38	2,148	1,871.49	1.69	-0.17	0.04
104.10	-15.46	-1.16	0.00	-57.40	0.00	57.40	2,302.79	597.51	2,058	1,807.67	1.81	-0.18	0.04
105.00	-14.83	-1.13	0.00	-56.36	0.00	56.36	2,293.74	593.77	2,032	1,789.23	1.84	-0.18	0.04
110.00	-14.21	-1.11	0.00	-50.70	0.00	50.70	2,242.24	573.01	1,893	1,687.44	2.04	-0.19	0.04
115.00	-13.62	-1.08	0.00	-45.15	0.00	45.15	2,188.66	552.24	1,758	1,586.98	2.25	-0.21	0.04
120.00	-13.04	-1.06	0.00	-39.73	0.00	39.73	2,133.00	531.48	1,628	1,488.02	2.47	-0.22	0.03
125.00	-12.48	-1.03	0.00	-34.45	0.00	34.45	2,075.26	510.72	1,504	1,390.72	2.70	-0.23	0.03
130.00	-11.79	-0.99	0.00	-29.30	0.00	29.30	2,015.44	489.96	1,384	1,295.25	2.95	-0.24	0.03
134.25	-11.73	-0.99	0.00	-25.10	0.00	25.10	1,137.98	319.71	884	718.00	3.17	-0.25	0.05
135.00	-11.32	-0.96	0.00	-24.36	0.00	24.36	1,134.17	317.64	872	710.93	3.21	-0.25	0.04
140.00	-8.26	-0.76	0.00	-19.54	0.00	19.54	1,107.59	303.80	798	663.83	3.48	-0.27	0.04
145.00	-7.89	-0.73	0.00	-15.75	0.00	15.75	1,078.93	289.96	727	617.01	3.77	-0.28	0.03
150.00	-7.70	-0.72	0.00	-12.08	0.00	12.08	1,048.19	276.12	659	570.62	4.07	-0.29	0.03
152.60	-7.47	-0.70	0.00	-10.21	0.00	10.21	1,031.38	268.92	625	546.74	4.23	-0.30	0.03
155.00	-7.15	-0.68	0.00	-8.52	0.00	8.52	1,015.36	262.28	595	524.86	4.38	-0.30	0.02
160.00	-7.02	-0.67	0.00	-5.14	0.00	5.14	980.46	248.44	534	479.88	4.70	-0.31	0.02
162.00	-3.63	-0.36	0.00	-3.81	0.00	3.81	965.92	242.91	510	462.14	4.83	-0.31	0.01
165.00	-3.36	-0.34	0.00	-2.72	0.00	2.72	943.48	234.60	476	435.85	5.03	-0.32	0.01
170.00	-3.21	-0.32	0.00	-1.03	0.00	1.03	904.42	220.76	422	392.96	5.37	-0.32	0.01
173.00	-0.27	-0.03	0.00	-0.06	0.00	0.06	879.98	212.46	390	367.83	5.57	-0.32	0.00
175.00	0.00	-0.03	0.00	0.00	0.00	0.00	863.27	206.92	370	351.36	5.70	-0.32	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	36.31	0.00	54.33	0.00	0.00	4293.93	134.25	0.72
0.9D + 1.0W	36.29	0.00	40.73	0.00	0.00	4244.86	134.25	0.7
1.2D + 1.0Di + 1.0Wi	9.16	0.00	70.67	0.00	0.00	1064.34	134.25	0.19
1.2D + 1.0Ev + 1.0Eh	1.39	0.00	54.51	0.00	0.00	197.74	134.25	0.05
0.9D - 1.0Ev + 1.0Eh	1.37	0.00	37.58	0.00	0.00	194.79	134.25	0.05
1.0D + 1.0W	7.48	0.00	45.31	0.00	0.00	879.60	134.25	0.16

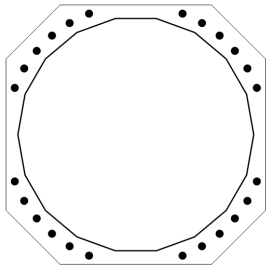
BASE PLATE ANALYSIS @ 0 FT

APPLIED REACTIONS

Moment (k-ft)	Axial (k)	Shear (k)
4293.93	54.33	36.31

PLATE PARAMETERS (ID# 13393)

Width:	72	in
Shape:	Square	
Thickness:	2.75	in
Grade:	A572-50	
Yield Strength:	50	ksi
Tensile Strength:	65	ksi
Clip Length:	15	in
Rod Detail Type:	d	
Clear Distance	3	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#6577]	Cluster	24	2.25	72	A615-75	75	100	6	-

COMPONENT PROPERTIES

Component	ID	Gross Area (in^2)	Net Area (in^2)	Individual Inertia (in^4)	Moment of Inertia (in^4)	Threads/in
Pole	64.69"ø x 0.375" (18 Sides)	75.3852	-	-	38981.66	-
Bolt Group	Original (24) 2.25"ø	3.9761	3.2477	0.8393	46912.47	4.5

REACTION DISTRIBUTION

Component	ID	Moment M_u (k-ft)	Axial Load P_u (k)	Shear V_u (k)	Moment Factor
Pole	64.69"ø x 0.375" (18 Sides)	4293.9	54.33	36.31	1.000
Bolt Group	Original (24) 2.25"ø	4293.9	-	36.31	1.000

BASE PLATE BEND LINE ANALYSIS @ 0 FT

POLE PROPERTIES

Flat-to-Flat Diameter:	64.82	in	Flat Width:	11.429	in	Neutral Axis:	225	°
Point-to-Point Diameter:	65.82	in	Flat Radians:	0.349	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	37.008	0.00	69.969	835.9	3148.6	26.5%
Corners	36.009	0.00	68.079	588.2	3063.5	19.2%

PLASTIC ANCHOR ROD ANALYSIS

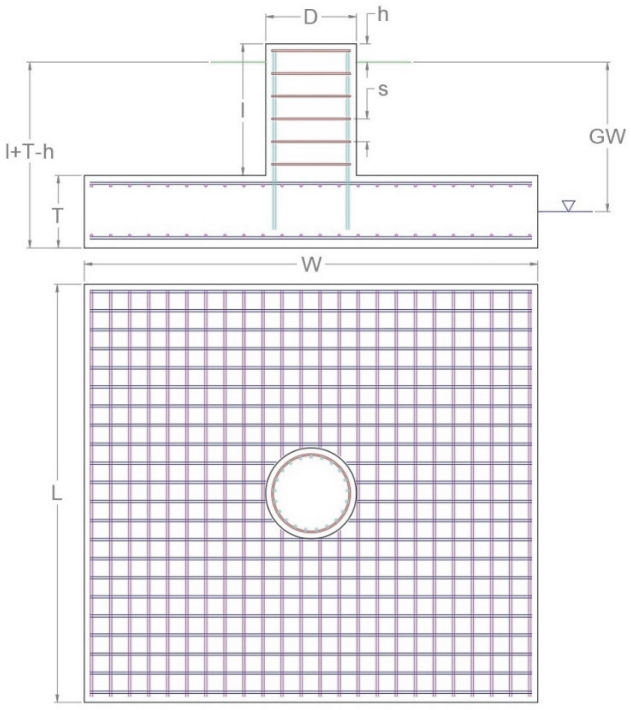
Class	Group Quantity	Rod Diameter (in)	Applied Axial Load P_u (k)	Applied Shear Load V_u (k)	Compressive Capacity ΦP_n (k)	Interaction Result
Original	24	2.25	107.2	2.5	243.6	46.1%

APPLIED GLOBAL REACTIONS

Moment (k-ft)	Axial (k)	Shear (k)
4,293.93	54.33	36.31

FOUNDATION PARAMETERS

Mat Length:	L	27	ft
Mat Width:	W	27	ft
Mat Thickness:	T	4	ft
Base Depth:	L+T-h	6	ft
Pier Shape:		Round	
Pier Diameter:	D	10.2	ft
Pier Height above Grade:	h	0.5	ft
Concrete Compressive Strength:		4,000	psi
Mat Top Rebar:		(27) #10 bars [60 ksi]	
Mat Bottom Rebar:		(27) #10 bars [60 ksi]	
Pier Vertical Rebar:		(44) #10 bars [60 ksi]	
Pier Rebar Ties:	s	#5 bars @ 6.0" c/c [40 ksi]	
Rebar Clear Cover:		3.0	in
Tower Eccentricity:	ecc		ft
Tower Leg Count		1	



SOIL PARAMETERS

Water Table Depth [BGL]:	GW	5	ft
Soil Unit Weight:		120	pcf
Ultimate Skin Friction:		0	psf
Ultimate Bearing Pressure:		16,000	psf
Bearing Pressure Type:		Gross	
Coefficient of Shear Friction:		0.1	

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, $M_{u,Design} / \Phi_m M_n$	
4,529.94	7,971.91	**56.8%**	✓

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, $P_{u,net} / \Phi_b P_n$	
1,903.00	11,550.00	Diagonal to Pad Edge	**16.5%**	✓

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, $V_u / \Phi_s V_n$	
36.31	0.00	480.0	51.84	85.62	**42.0%**	✓

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, $V_u / \Phi_c V_n$	
133.31	1,030.59	Diagonal to Pad Edge	**12.9%**	✓

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, $v_u / \Phi_c v_n$	
19.0	189.7	**10.0%**	✓

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, $0.6\ M_{ut} / \Phi M_{sc,f}$	
22.20	1.92	0.00	67,203.3	**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, $M_u / \Phi M_n$	
740.71	6,628.36	Parallel to Pad Edge	**11.2%**	✓

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, $M_u / \Phi M_n$	
1,367.80	6,888.81	Diagonal to Pad Edge	**19.9%**	✓

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
113.90	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, $M_u/\Phi_b M_n$	
4,384.70	14,005.04	0.005	**31.3%**	✓

PIER REINFORCING COMPRESSION ANALYSIS

Design Compression, P_u (k)	Nominal Compressive Capacity, $\Phi_p P_n$ (k)	Pier Rebar Compressive Usage, $P_u / \Phi_p P_n$	
54.33	20,744.26	**0.3%**	✓

PIER REINFORCING SHEAR ANALYSIS

Design Shear, V_u (k)	Nominal Shear Capacity, $\Phi_v V_n$ (k)	Pier Rebar Shear Usage, $V_u / \Phi_v V_n$	
36.31	1,422.41	**2.6%**	✓

EXHIBIT 4

Colliers Engineering & Design CT, PC
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 #: 10208069
Colliers Engineering & Design Project #: 23777224

August 3, 2023

Site Information	*Site ID:*	*5000243959-VZW / OLD SAYBROOK EAST RELO CT*
	Site Name:	*OLD SAYBROOK EAST RELO CT*
	Carrier Name:	*Verizon Wireless*
	Address:	*77 Springbrook Road Old Saybrook, Connecticut 06475 Middlesex County*
	Latitude:	*41.313833°*
	Longitude:	*-72.364028°*
Structure Information	*Tower Type:*	*175-Ft Monopole*
	Mount Type:	*12.50-Ft Platform*

FUZE ID # 17123848

Analysis Results

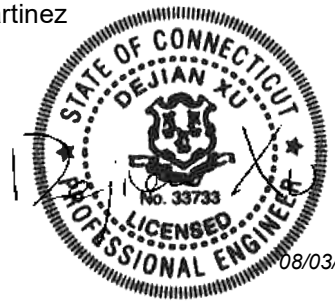
Platform: **40.8% Pass***

***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: Gilberto Martinez



08/03/2023

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: 324626, dated April 5, 2021*
Final Loading Configuration	*Filter Add Scope Provided by Verizon Wireless*
Previous Mount Replacement Analysis	*Maser Consulting Connecticut, Project #: 21777441, Dated August 2, 2021*

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}:	130 mph
	Ice Wind Speed (3-sec. Gust):	50 mph
	Design Ice Thickness:	1.00 in
	Risk Category:	II
	Exposure Category:	C
	Topographic Category:	1
	Topographic Feature Considered:	N/A
	Topographic Method:	N/A
	Ground Elevation Factor, K_e:	0.998
Seismic Parameters:	S_S:	0.202 g
	S_1:	0.053 g
Maintenance Parameters:	Wind Speed (3-sec. Gust):	30 mph
	Maintenance Live Load, Lv:	250 lbs.
	Maintenance Live Load, Lm:	500 lbs.
Analysis Software:	RISA-3D (V17)	

Final Loading Configuration:

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

Mount Elevation (ft)	Equipment Elevation (ft)	Quantity	Manufacturer	Model	Status
173.00	173.00	2	KAelus	KA-6030	Added
		3	Samsung	MT6407-77A	Retained
		2	RFS	DB-B1-6C-12AB-0Z	
		6	Commscope	JAHH-65B-R3B	
		3	Amphenol Antel	BXA-80063-4CF-EDIN-X	
		3	Commscope	CBC78T-DS-43-2X	
		3	Samsung	B2/B66A RRH-BR049	
		3	Samsung	B5/B13 RRH-BR04C	

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 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 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 is not responsible for the conclusion, opinions, and recommendations made by others based on the information supplied.

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

8. It is assumed that the mount replacement listed under Sources of Information have been installed per the design specifications.

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

Analysis Results:

Component	Utilization %	Pass/Fail
Standoff Horizontal	17.7 %	Pass
Platform Crossmember	11.0 %	Pass
Corner Plate	24.7 %	Pass
Grating Support	21.9 %	Pass
Cross Arm Plate	39.8 %	Pass
Support Rail Connection	11.4 %	Pass
Kicker	8.1 %	Pass
Mount Pipe	23.5 %	Pass
Face Horizontal	10.1 %	Pass
Support Rail	10.4 %	Pass
Dual Mount Pipe	40.8 %	Pass
Mount Connection	19.6 %	Pass

Structure Rating – *(Controlling Utilization of all Components)*	**40.8%**

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	27.0	27.0	45.0	45.0
0.5	36.6	36.6	61.8	61.8
1	44.5	44.5	76.9	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.

Contractor shall install the proposed filter units on new Site Pro 1 Dual Swivel Mount Kit (Part #: RRUDSM or EOR approved equivalent) in the location shown in the placement diagrams.

Contractor shall verify all equipment and new mount are installed as designed per the previous mount analysis report by Maser Consulting Connecticut Project #21777441, dated August 2, 2021.

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. 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 #: 5000243959 SMART Project #: 10208069 Fuze Project ID: 17123848

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:

Contractor shall install the proposed filter units on new Site Pro 1 Dual Swivel Mount Kit (Part #: RRUDSM or EOR approved equivalent) in the location shown in the placement diagrams. Contractor shall verify all equipment and new mount are installed as designed per the previous mount analysis report by Maser Consulting Connecticut Project #21777441, dated August 2, 2021.

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:	

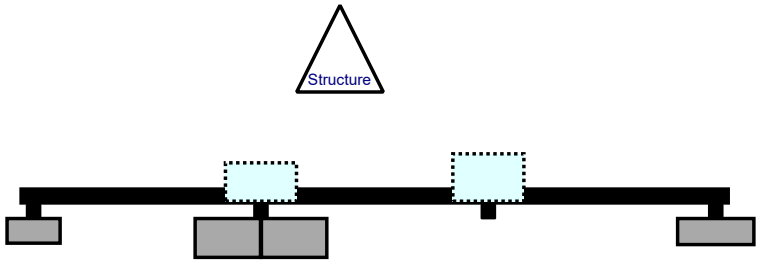
Structure: 5000243959-VZW - OLD SAYBROOK EAST RELO CT

Sector: **A** 8/3/2023

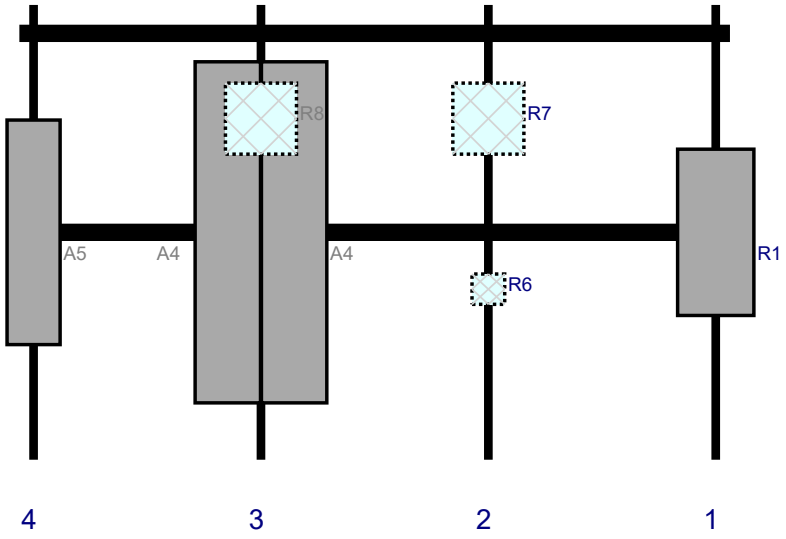
Structure Type: Monopole 10208069

Mount Elev: 173.00 Page: 1

Plan View

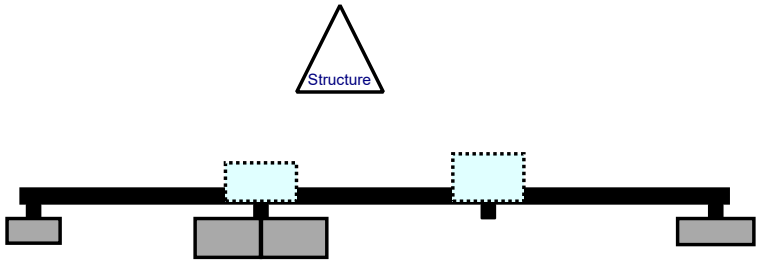


Front View - Looking at Structure

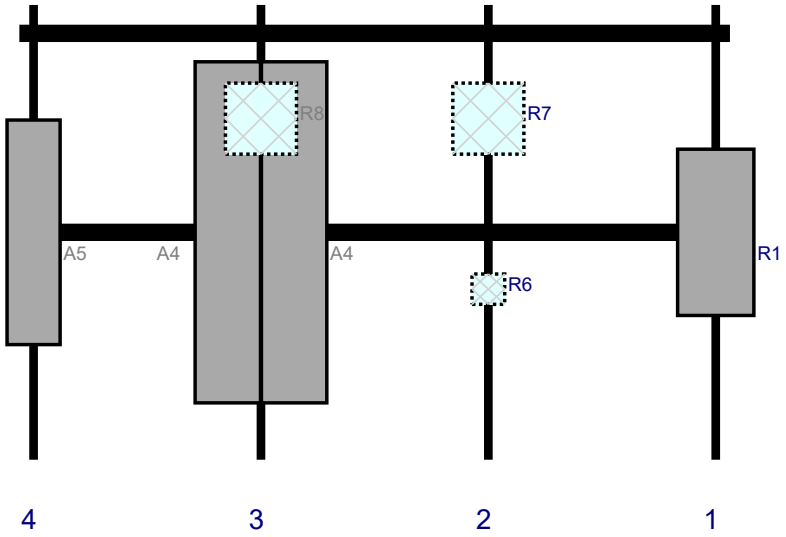


Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
R1	MT6407-77A	35.1	16.1	147	1	a	Front	48	0	Retained	
R6	CBC78T-DS-43-2X	6.4	6.9	99	2	a	Behind	60	0	Retained	
R7	B2/B66A RRH-BR049	15	15	99	2	a	Behind	24	0	Retained	
A4	JAHH-65B-R3B	72	13.8	51	3	a	Front	48	-7	Retained	
A4	JAHH-65B-R3B	72	13.8	51	3	b	Front	48	7	Retained	
R8	B5/B13 RRH-BR04C	15	15	51	3	a	Behind	24	0	Retained	
A5	BXA-80063-4CF-EDIN-X	47.4	11.2	3	4	a	Front	48	0	Retained	
OVP2	DB-B1-6C-12AB-0Z	28.9	15.7		Member					Retained	
OVP	DB-B1-6C-12AB-0Z	28.9	15.7		Member					Retained	

Plan View



Front View - Looking at Structure



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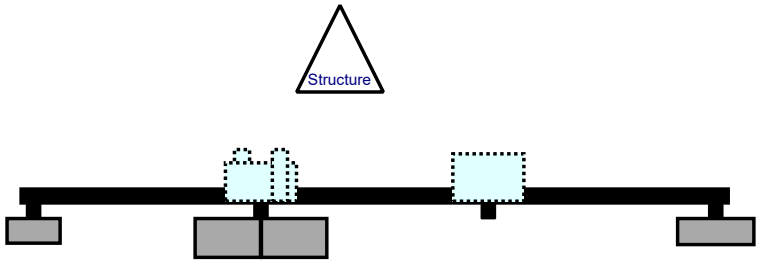
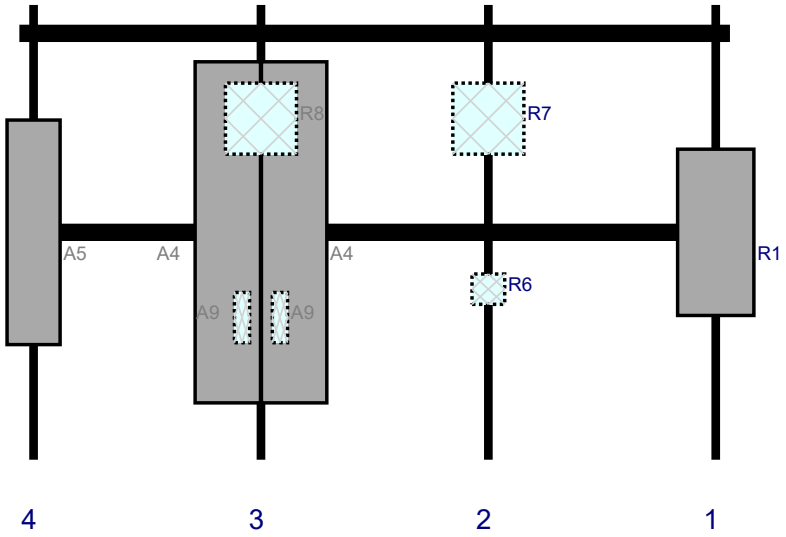
R7	B2/B66A RRH-BR049	15	15	99	2	a	Behind	24	0	Retained	
A4	JAHH-65B-R3B	72	13.8	51	3	a	Front	48	-7	Retained	
A4	JAHH-65B-R3B	72	13.8	51	3	b	Front	48	7	Retained	
R8	B5/B13 RRH-BR04C	15	15	51	3	a	Behind	24	0	Retained	
A5	BXA-80063-4CF-EDIN-X	47.4	11.2	3	4	a	Front	48	0	Retained	

Plan View



Front View - Looking at Structure



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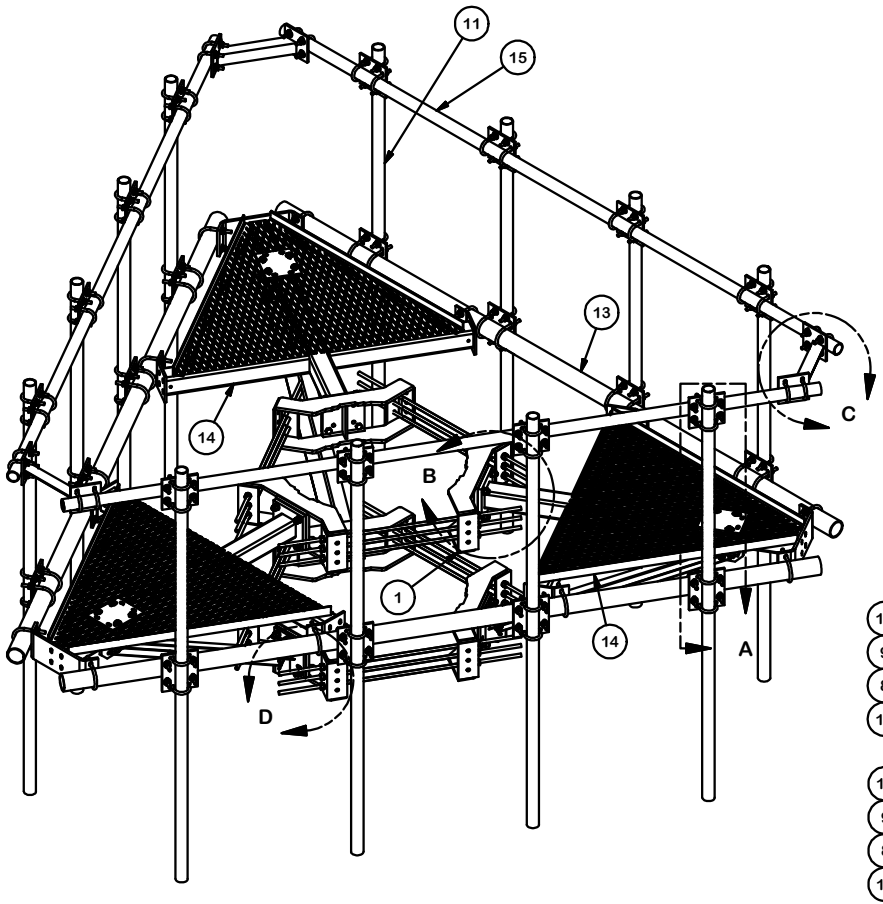
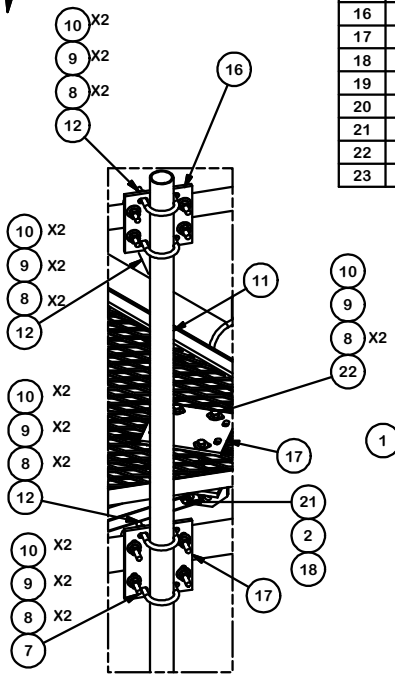
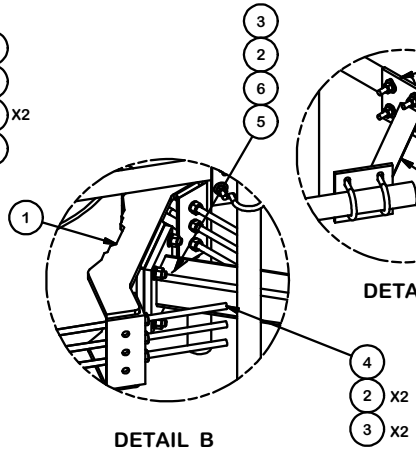
R7	B2/B66A RRH-BR049	15	15	99	2	a	Behind	24	0	Retained	
A4	JAHH-65B-R3B	72	13.8	51	3	a	Front	48	-7	Retained	
A4	JAHH-65B-R3B	72	13.8	51	3	b	Front	48	7	Retained	
R8	B5/B13 RRH-BR04C	15	15	51	3	a	Behind	24	0	Retained	
A9	KA-6030	10.6	3.2	51	3	a	Behind	66	4	Added	
A9	KA-6030	10.6	3.2	51	3	b	Behind	66	-4	Added	
A5	BXA-80063-4CF-EDIN-X	47.4	11.2	3	4	a	Front	48	0	Retained	

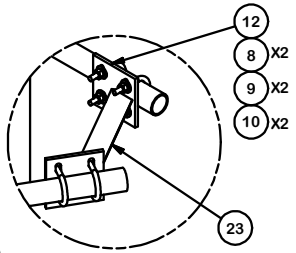




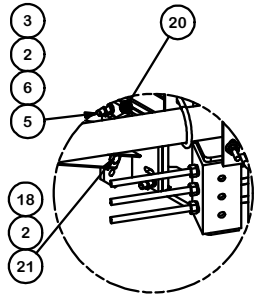
DETAIL A



DETAIL B



DETAIL C



DETAIL D

PARTS LIST						
ITEM	QTY	PART NO.	PART DESCRIPTION	LENGTH	UNIT WT.	NET WT.
1	6	X-LWRM	RING MOUNT WELDMENT		68.81	412.85
2	66	G58LW	5/8" HDG LOCKWASHER		0.03	1.72
3	60	A58NUT	5/8" HDG A325 HEX NUT		0.13	7.79
4	18	G58R-24	5/8" x 24" THREADED ROD (HDG.)		2.09	37.63
4	18	G58R-48	5/8" x 48" THREADED ROD (HDG.)		4.18	75.27
5	24	A58234	5/8" x 2-3/4" HDG A325 HEX BOLT	2 3/4 in	0.36	8.54
6	24	A58FW	5/8" HDG A325 FLATWASHER		0.03	0.82
7	36	X-UB1306	1/2" X 3-5/8" X 6" X 3" U-BOLT (HDG.)		0.83	29.82
8	264	G12FW	1/2" HDG USS FLATWASHER	3/32 in	0.03	9.00
9	252	G12LW	1/2" HDG LOCKWASHER	1/8 in	0.01	3.50
10	252	G12NUT	1/2" HDG HEAVY 2H HEX NUT		0.07	18.05
11	12	P296	2-3/8" X 96" SCH. 40 GALVANIZED PIPE	96 in	30.76	369.08
12	84	X-UB1212	1/2" X 2-1/2" X 4-1/2" X 2" U-BOLT (HDG.)		0.63	52.51
13	3	P3150	3-1/2" X 150" (3" SCH 40) GALVANIZED PIPE	150 in	94.80	284.40
14	3	X-SV196	LOW PROFILE PLATFORM CORNER		212.10	636.31
15	3	P2150	2-3/8" O.D. X 150" SCH 40 GALVANIZED PIPE	150 in	45.77	137.31
16	12	SCX2	CROSSOVER PLATE	7 in	4.80	57.56
17	15	SCX4	CROSSOVER PLATE	8 1/2 in	6.02	90.32
18	6	G58NUT	5/8" HDG HEAVY 2H HEX NUT		0.13	0.78
19	6	X-253993	PLATFORM REINFORCEMENT KIT ANGLE	52 25/32 in	14.33	85.99
20	6	X-TBW	T-BRACKET WELDMENT		13.60	81.60
21	6	G5802	5/8" x 2" HDG HEX BOLT GR5		0.27	1.62
22	12	G12065	1/2" x 6-1/2" HDG HEX BOLT GR5 FULL THREAD	5 1/2 in	0.41	4.91
23	3	X-AHCP	ANGLE HANDRAIL CORNER PLATE		12.92	38.76
					TOTAL WT. #	2445.81

REVISION HISTORY				
REV	DESCRIPTION OF REVISIONS	CPD	BY	DATE
B	RELOCATED MOUNT PIPE POSITIONS	4488	JET	5/23/2021
A	CHANGED X-253992 TO X-TBW	4488	CEK	9/20/2018

TOLERANCE NOTES

TOLERANCES ON DIMENSIONS, UNLESS OTHERWISE NOTED ARE:
SAWED, SHEARED AND GAS CUT EDGES *(± 0.030")*
DRILLED AND GAS CUT HOLES *(± 0.030")* - NO CONING OF HOLES
LASER CUT EDGES AND HOLES *(± 0.010")* - NO CONING OF HOLES
BENDS ARE ± 1/2 DEGREE
ALL OTHER MACHINING *(± 0.030")*
ALL OTHER ASSEMBLY *(± 0.060")*

DESCRIPTION
12' 6" LOW PROFILE PLATFORM
WITH TWELVE 2-3/8" ANTENNA MOUNTING
PIPES, AND SUPPORT RAIL

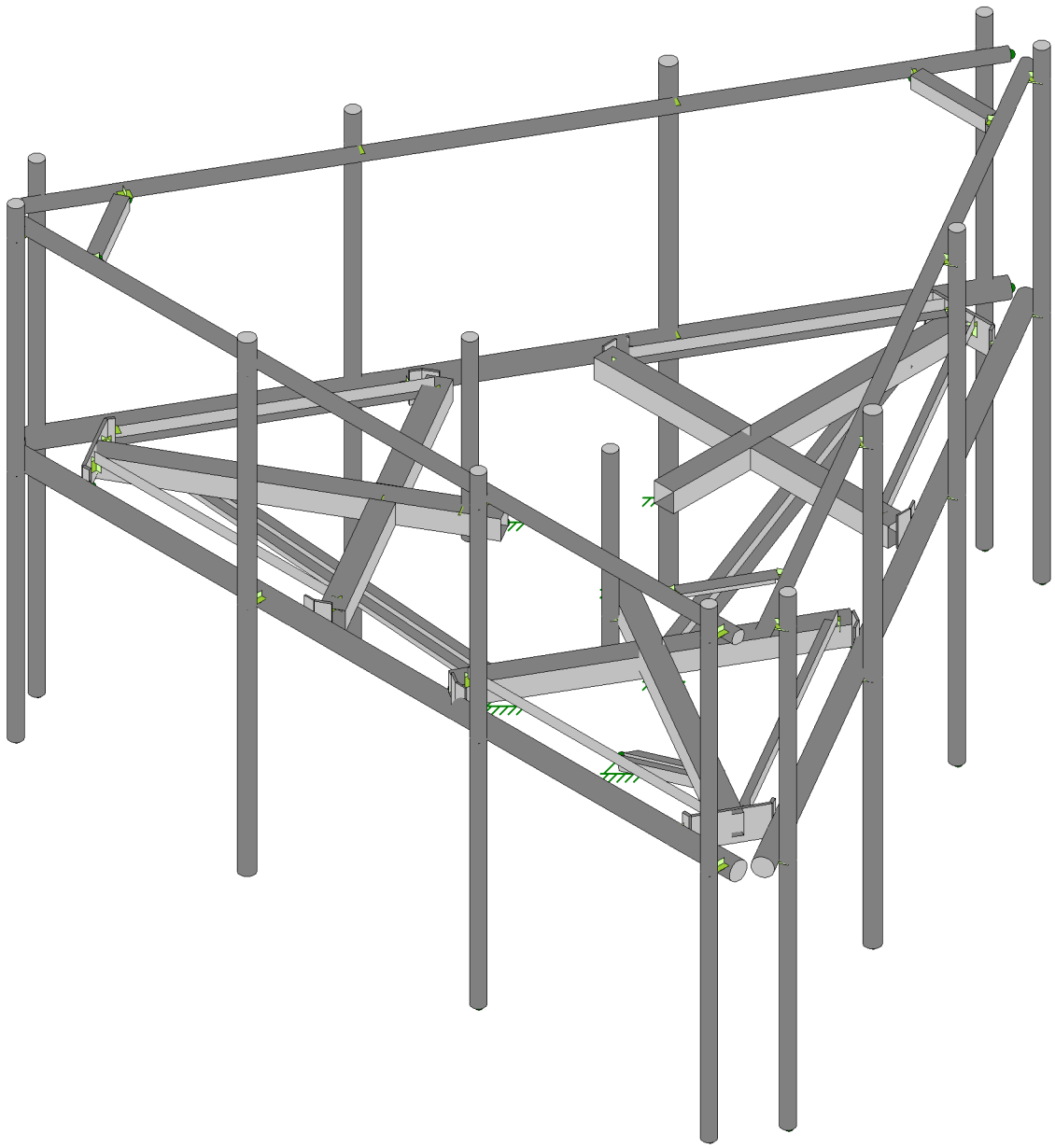
SITE PRO 1 — A valmont COMPANY

Engineering Support Team: 1-888-753-7446

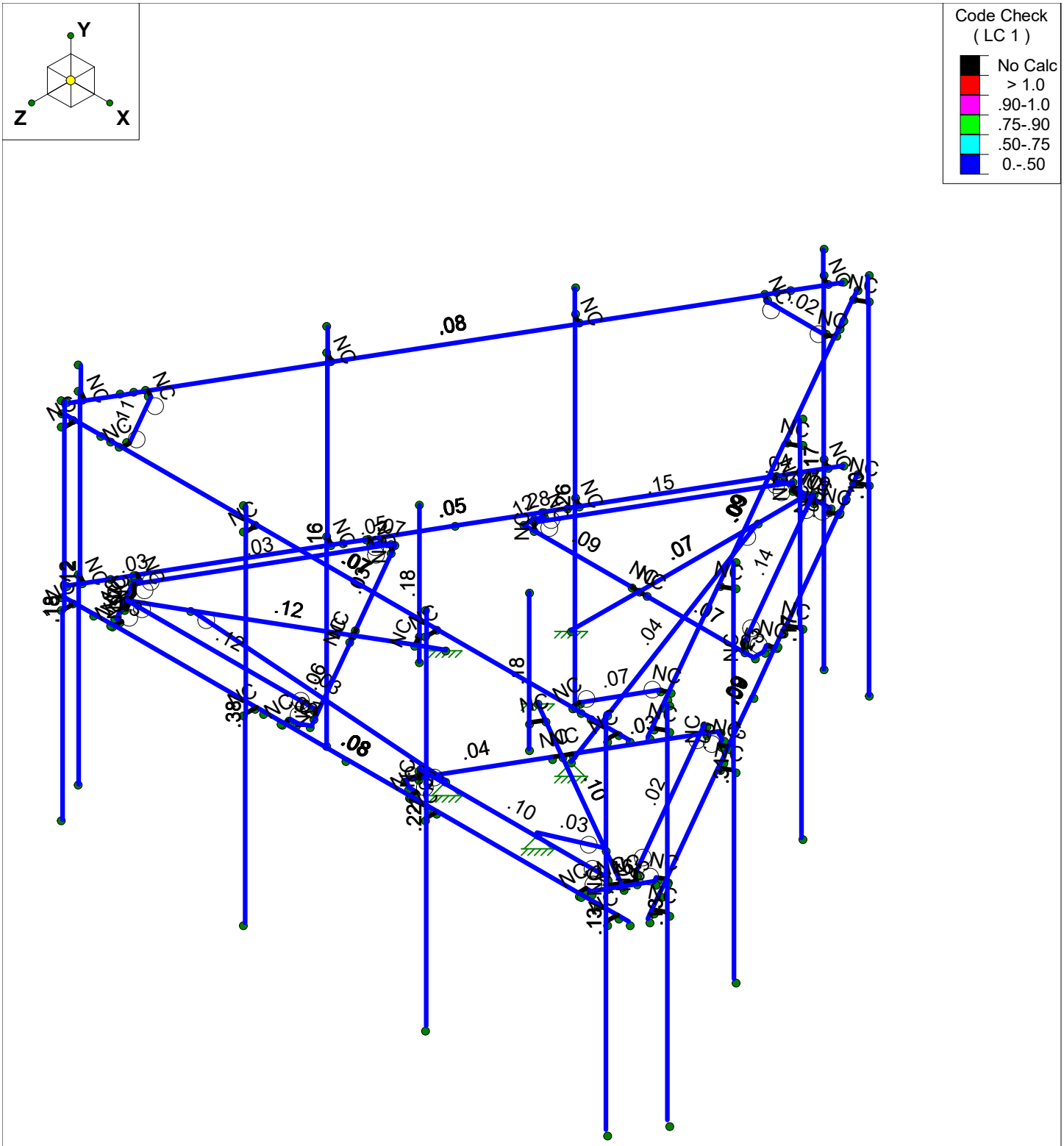
Locations:
New York, NY
Atlanta, GA
Los Angeles, CA
Plymouth, IN
Salem, OR
Dallas, TX

CPD NO.	DRAWN BY	ENG. APPROVAL	PART NO.
4488	CEK 7/14/2014		RMQP-496-HK

CLASS	SUB	DRAWING USAGE	CHECKED BY	DWG. NO.
81	02	CUSTOMER	BMC 7/14/2014	RMQP-496-HK

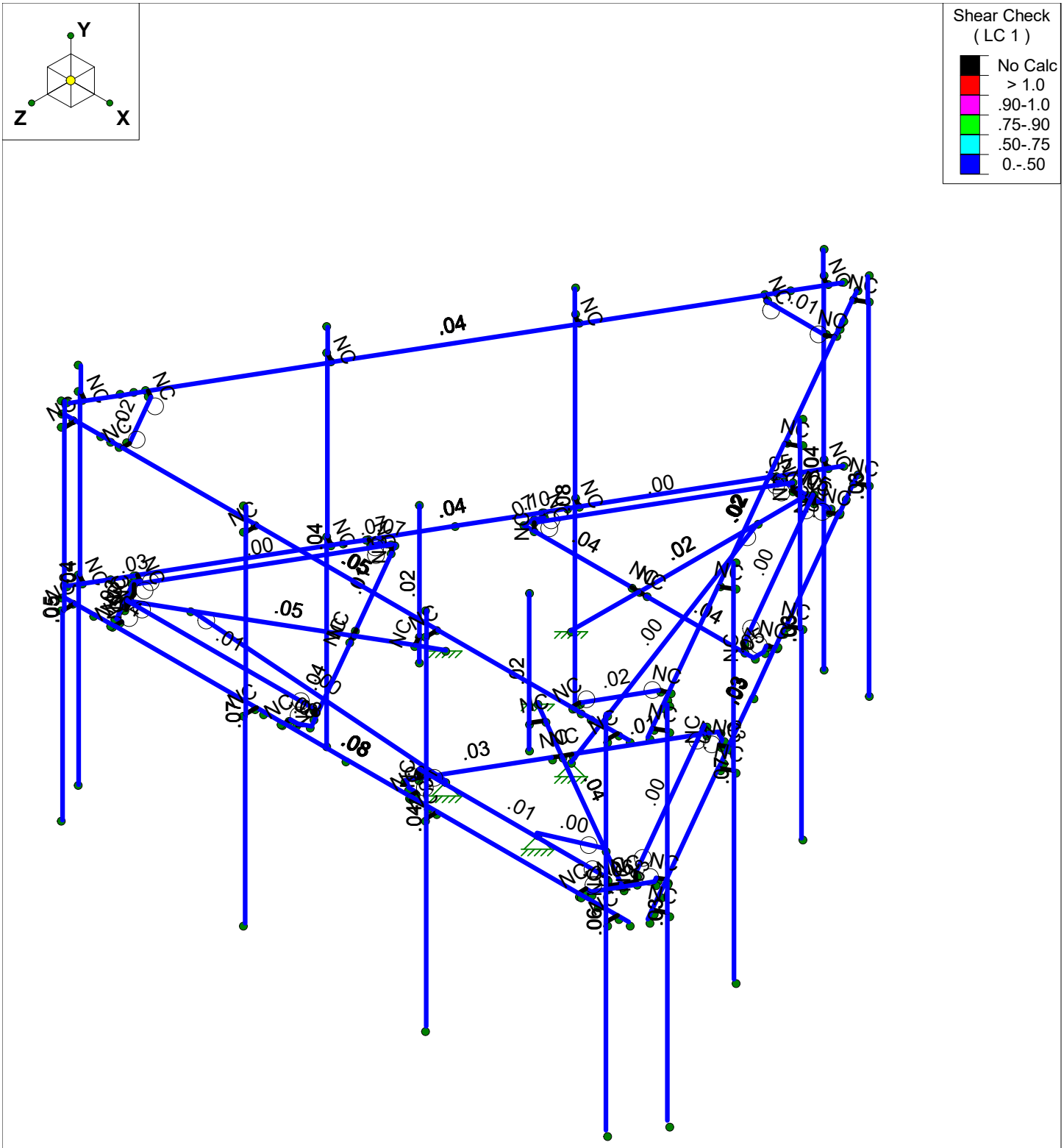


		SK - 5
		Aug 3, 2023 at 7:46 AM
		5000243959-VZW_MT_LO_H.r3d



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

		SK - 3
		Aug 3, 2023 at 7:46 AM
		5000243959-VZW_MT_LO_H.r3d



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

		SK - 4
		Aug 3, 2023 at 7:46 AM
		5000243959-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					117			
2	Antenna Di	None					117			
3	Antenna Wo (0 Deg)	None					117			
4	Antenna Wo (30 Deg)	None					117			
5	Antenna Wo (60 Deg)	None					117			
6	Antenna Wo (90 Deg)	None					117			
7	Antenna Wo (120 Deg)	None					117			
8	Antenna Wo (150 Deg)	None					117			
9	Antenna Wo (180 Deg)	None					117			
10	Antenna Wo (210 Deg)	None					117			
11	Antenna Wo (240 Deg)	None					117			
12	Antenna Wo (270 Deg)	None					117			
13	Antenna Wo (300 Deg)	None					117			
14	Antenna Wo (330 Deg)	None					117			
15	Antenna Wi (0 Deg)	None					117			
16	Antenna Wi (30 Deg)	None					117			
17	Antenna Wi (60 Deg)	None					117			
18	Antenna Wi (90 Deg)	None					117			
19	Antenna Wi (120 Deg)	None					117			
20	Antenna Wi (150 Deg)	None					117			
21	Antenna Wi (180 Deg)	None					117			
22	Antenna Wi (210 Deg)	None					117			
23	Antenna Wi (240 Deg)	None					117			
24	Antenna Wi (270 Deg)	None					117			
25	Antenna Wi (300 Deg)	None					117			
26	Antenna Wi (330 Deg)	None					117			
27	Antenna Wm (0 Deg)	None					117			
28	Antenna Wm (30 Deg)	None					117			
29	Antenna Wm (60 Deg)	None					117			
30	Antenna Wm (90 Deg)	None					117			
31	Antenna Wm (120 De...	None					117			
32	Antenna Wm (150 De...	None					117			
33	Antenna Wm (180 De...	None					117			
34	Antenna Wm (210 De...	None					117			
35	Antenna Wm (240 De...	None					117			
36	Antenna Wm (270 De...	None					117			
37	Antenna Wm (300 De...	None					117			
38	Antenna Wm (330 De...	None					117			
39	Structure D	None		-1						
40	Structure Di	None						62		
41	Structure Wo (0 Deg)	None						124		
42	Structure Wo (30 Deg)	None						124		
43	Structure Wo (60 Deg)	None						124		
44	Structure Wo (90 Deg)	None						124		
45	Structure Wo (120 D...	None						124		
46	Structure Wo (150 D...	None						124		
47	Structure Wo (180 D...	None						124		
48	Structure Wo (210 D...	None						124		
49	Structure Wo (240 D...	None						124		
50	Structure Wo (270 D...	None						124		
51	Structure Wo (300 D...	None						124		
52	Structure Wo (330 D...	None						124		
53	Structure Wi (0 Deg)	None						124		
54	Structure Wi (30 Deg)	None						124		
55	Structure Wi (60 Deg)	None						124		
56	Structure Wi (90 Deg)	None						124		
57	Structure Wi (120 De...	None						124		
58	Structure Wi (150 De...	None						124		

Basic Load Cases (Continued)

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed	Area(Me...	Surface(P...
59	Structure Wi (180 De...	None						124		
60	Structure Wi (210 De...	None						124		
61	Structure Wi (240 De...	None						124		
62	Structure Wi (270 De...	None						124		
63	Structure Wi (300 De...	None						124		
64	Structure Wi (330 De...	None						124		
65	Structure Wm (0 Deg)	None						124		
66	Structure Wm (30 De...	None						124		
67	Structure Wm (60 De...	None						124		
68	Structure Wm (90 De...	None						124		
69	Structure Wm (120 D...	None						124		
70	Structure Wm (150 D...	None						124		
71	Structure Wm (180 D...	None						124		
72	Structure Wm (210 D...	None						124		
73	Structure Wm (240 D...	None						124		
74	Structure Wm (270 D...	None						124		
75	Structure Wm (300 D...	None						124		
76	Structure Wm (330 D...	None						124		
77	Lm1	None					1			
78	Lm2	None					1			
79	Lv1	None					1			
80	Lv2	None					1			
81	Antenna Ev	None					117			
82	Antenna Eh (0 Deg)	None					78			
83	Antenna Eh (90 Deg)	None					78			
84	Structure Ev	ELY								
85	Structure Eh (0 Deg)	ELZ			-.03					
86	Structure Eh (90 Deg)	ELX	.03							

Load Combinations

	Description	Sol..	PD..	SR..	BLC	Fact...	BLC	Fact...	BLC	Fact...	BLC	Fact...	BLC	Fact...	BLC	Fact...	BLC	Fact...	BLC	Fact...	BLC	Fact...	BLC	Fact...
1	1.2D+1.0...	Yes	Y		1	1.2	39	1.2	3	1	41	1												
2	1.2D+1.0...	Yes	Y		1	1.2	39	1.2	4	1	42	1												
3	1.2D+1.0...	Yes	Y		1	1.2	39	1.2	5	1	43	1												
4	1.2D+1.0...	Yes	Y		1	1.2	39	1.2	6	1	44	1												
5	1.2D+1.0...	Yes	Y		1	1.2	39	1.2	7	1	45	1												
6	1.2D+1.0...	Yes	Y		1	1.2	39	1.2	8	1	46	1												
7	1.2D+1.0...	Yes	Y		1	1.2	39	1.2	9	1	47	1												
8	1.2D+1.0...	Yes	Y		1	1.2	39	1.2	10	1	48	1												
9	1.2D+1.0...	Yes	Y		1	1.2	39	1.2	11	1	49	1												
10	1.2D+1.0...	Yes	Y		1	1.2	39	1.2	12	1	50	1												
11	1.2D+1.0...	Yes	Y		1	1.2	39	1.2	13	1	51	1												
12	1.2D+1.0...	Yes	Y		1	1.2	39	1.2	14	1	52	1												
13	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	15	1	53	1								
14	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	16	1	54	1								
15	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	17	1	55	1								
16	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	18	1	56	1								
17	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	19	1	57	1								
18	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	20	1	58	1								
19	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	21	1	59	1								
20	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	22	1	60	1								
21	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	23	1	61	1								
22	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	24	1	62	1								
23	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	25	1	63	1								
24	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	26	1	64	1								
25	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	77	1.5	27	1	65	1										
26	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	77	1.5	28	1	66	1										

Load Combinations (Continued)

	Description	Sol..	PD..	SR..	BLC	Fact...	BLC	Fact...	BLC	Fact...	BLC	Fact...	BLC	Fact...	BLC	Fact...	BLC	Fact...	BLC	Fact...	BLC	Fact...	BLC	Fact...
27	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	77	1.5	29	1	67	1										
28	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	77	1.5	30	1	68	1										
29	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	77	1.5	31	1	69	1										
30	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	77	1.5	32	1	70	1										
31	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	77	1.5	33	1	71	1										
32	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	77	1.5	34	1	72	1										
33	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	77	1.5	35	1	73	1										
34	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	77	1.5	36	1	74	1										
35	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	77	1.5	37	1	75	1										
36	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	77	1.5	38	1	76	1										
37	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	78	1.5	27	1	65	1										
38	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	78	1.5	28	1	66	1										
39	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	78	1.5	29	1	67	1										
40	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	78	1.5	30	1	68	1										
41	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	78	1.5	31	1	69	1										
42	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	78	1.5	32	1	70	1										
43	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	78	1.5	33	1	71	1										
44	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	78	1.5	34	1	72	1										
45	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	78	1.5	35	1	73	1										
46	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	78	1.5	36	1	74	1										
47	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	78	1.5	37	1	75	1										
48	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	78	1.5	38	1	76	1										
49	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	79	1.5														
50	1.2D + 1.5...	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 + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	1	83		ELZ	1	ELX					
53	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	.866	83	.5	ELZ	.866	ELX	.5				
54	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	.5	83	.866	ELZ	.5	ELX	.866				
55	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82		83	1	ELZ		ELX	1				
56	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	-.5	83	.866	ELZ	-.5	ELX	.866				
57	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	-.866	83	.5	ELZ	-.866	ELX	.5				
58	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	-1	83		ELZ	-1	ELX					
59	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	-.866	83	-.5	ELZ	-.866	ELX	-.5				
60	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	-.5	83	-.866	ELZ	-.5	ELX	-.866				
61	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82		83	-1	ELZ		ELX	-1				
62	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	.5	83	-.866	ELZ	.5	ELX	-.866				
63	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	.866	83	-.5	ELZ	.866	ELX	-.5				
64	0.9D - 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	1	83		ELZ	1	ELX					
65	0.9D - 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	.866	83	.5	ELZ	.866	ELX	.5				
66	0.9D - 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	.5	83	.866	ELZ	.5	ELX	.866				
67	0.9D - 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82		83	1	ELZ		ELX	1				
68	0.9D - 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	-.5	83	.866	ELZ	-.5	ELX	.866				
69	0.9D - 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	-.866	83	.5	ELZ	-.866	ELX	.5				
70	0.9D - 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	-1	83		ELZ	-1	ELX					
71	0.9D - 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	-.866	83	-.5	ELZ	-.866	ELX	-.5				
72	0.9D - 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	-.5	83	-.866	ELZ	-.5	ELX	-.866				
73	0.9D - 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82		83	-1	ELZ		ELX	-1				
74	0.9D - 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	.5	83	-.866	ELZ	.5	ELX	-.866				
75	0.9D - 1.0...	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	N203B	0	0	-1.166667	0	
2	N204B	-2.541667	0	-2.666667	0	
3	N205B	2.315104	0.166667	-2.666667	0	
4	N206B	-2.315104	0.166667	-2.666667	0	
5	N207B	0	0	-2.666667	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
6	N208A	0	0	-6.354167	0	
7	N209A	2.315104	0	-2.666667	0	
8	N210C	-2.315104	0	-2.666667	0	
9	N211C	2.541667	0	-2.666667	0	
10	N212C	-0.166667	0	-2.666667	0	
11	N213C	0.166667	0	-2.666667	0	
12	N214C	-2.541667	0	-2.885417	0	
13	N215C	2.541667	0	-2.885417	0	
14	N216A	2.458333	0	-3.029754	0	
15	N217A	0.571615	0	-6.25719	0	
16	N218B	-2.458333	0	-3.029754	0	
17	N219B	-0.571615	0	-6.25719	0	
18	N220A	2.584629	0	-3.102671	0	
19	N221A	-2.584629	0	-3.102671	0	
20	N222A	-0.515625	0	-6.354167	0	
21	N223A	0.515625	0	-6.354167	0	
22	N224A	0.715429	0	-6.340221	0	
23	N225A	-0.715429	0	-6.340221	0	
24	N226A	0	0	-6.270833	0	
25	N227A	0.234238	0.166667	-6.270833	0	
26	N228A	0.234238	0	-6.270833	0	
27	N229	-0.234238	0.166667	-6.270833	0	
28	N230A	-0.234238	0	-6.270833	0	
29	N231A	0.791815	3.5	-6.207915	0	
30	N232A	0.647478	3.5	-6.124582	0	
31	N233A	-0.791815	3.5	-6.207915	0	
32	N234	-0.647478	3.5	-6.124582	0	
33	N239	0	0	-5.270833	0	
34	N240	0	-2.5	-1.166667	0	
35	N241	-1.010363	0	0.583333	0	
36	N242	-1.038568	0	3.534481	0	
37	N243	-3.466953	0.166667	-0.671606	0	
38	N244	-1.151849	0.166667	3.338272	0	
39	N245	-2.309401	0	1.333333	0	
40	N246A	-5.50287	0	3.177083	0	
41	N247A	-3.466953	0	-0.671606	0	
42	N248A	-1.151849	0	3.338272	0	
43	N249A	-3.580234	0	-0.867815	0	
44	N250A	-2.226068	0	1.477671	0	
45	N251A	-2.392734	0	1.188996	0	
46	N252	-1.228011	0	3.643856	0	
47	N253	-3.769677	0	-0.75844	0	
48	N254	-3.853011	0	-0.614102	0	
49	N255	-5.704693	0	2.633562	0	
50	N256	-1.394677	0	3.643856	0	
51	N257	-5.133078	0	3.623628	0	
52	N258	-3.979306	0	-0.687019	0	
53	N259	-1.394677	0	3.78969	0	
54	N260	-5.245057	0	3.623628	0	
55	N261	-5.760682	0	2.730539	0	
56	N262	-5.848507	0	2.550531	0	
57	N263	-5.133078	0	3.78969	0	
58	N264	-5.430701	0	3.135417	0	
59	N265	-5.54782	0.166667	2.932561	0	
60	N266	-5.54782	0	2.932561	0	
61	N267	-5.313582	0.166667	3.338272	0	
62	N268	-5.313582	0	3.338272	0	
63	N269	-5.77212	3.5	2.418225	0	
64	N270	-5.627782	3.5	2.501559	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
65	N271	-4.980305	3.5	3.78969	0	
66	N272	-4.980305	3.5	3.623023	0	
67	N273	-1.443376	0	0.833333	0	
68	N274	-1.576709	0	0.602393	0	
69	N275	-1.576709	-.5	0.602393	0	
70	N276	-1.576709	2.5	0.602393	0	
71	N277	-4.564676	0	2.635417	0	
72	N278	-1.010363	-2.5	0.583333	0	
73	N279	1.010363	0	0.583333	0	
74	N280	3.580234	0	-0.867815	0	
75	N281	1.151849	0.166667	3.338272	0	
76	N282	3.466953	0.166667	-0.671606	0	
77	N283	2.309401	0	1.333333	0	
78	N284	5.50287	0	3.177083	0	
79	N285	1.151849	0	3.338272	0	
80	N286	3.466953	0	-0.671606	0	
81	N287	1.038568	0	3.534481	0	
82	N288	2.392734	0	1.188996	0	
83	N289	2.226068	0	1.477671	0	
84	N290	3.769677	0	-0.75844	0	
85	N291	1.228011	0	3.643856	0	
86	N292	1.394677	0	3.643856	0	
87	N293	5.133078	0	3.623628	0	
88	N294	3.853011	0	-0.614102	0	
89	N295	5.704693	0	2.633562	0	
90	N296	1.394677	0	3.78969	0	
91	N297	3.979306	0	-0.687019	0	
92	N298	5.760682	0	2.730539	0	
93	N299	5.245057	0	3.623628	0	
94	N300	5.133078	0	3.78969	0	
95	N301	5.848507	0	2.550531	0	
96	N302	5.430701	0	3.135417	0	
97	N303	5.313582	0.166667	3.338272	0	
98	N304	5.313582	0	3.338272	0	
99	N305	5.54782	0.166667	2.932561	0	
100	N306	5.54782	0	2.932561	0	
101	N307	4.980305	3.5	3.78969	0	
102	N308	4.980305	3.5	3.623023	0	
103	N309	5.77212	3.5	2.418225	0	
104	N310	5.627782	3.5	2.501559	0	
105	N311	1.443376	0	0.833333	0	
106	N312	1.310042	0	1.064273	0	
107	N313	1.310042	-.5	1.064273	0	
108	N314	1.310042	2.5	1.064273	0	
109	N315	4.564676	0	2.635417	0	
110	N316	1.010363	-2.5	0.583333	0	
111	N317	0.	0	3.78969	0	
112	N318	-1.80604	0	3.78969	0	
113	N319	-5.54444	0	3.78969	0	
114	N320	1.80604	0	3.78969	0	
115	N321	5.54444	0	3.78969	0	
116	N323	6.25	0	3.78969	0	
117	N324	-6.25	0	3.78969	0	
118	N325	6.	0	3.78969	0	
119	N326	6.	0	4.03969	0	
120	N327	6.	-4	4.03969	0	
121	N328	6.	4	4.03969	0	
122	N329	-1.430762	0	3.78969	0	
123	N330	-5.169162	0	3.78969	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
124	N331	1.430762	0	3.78969	0	
125	N332	5.169162	0	3.78969	0	
126	N333	6.25	3.5	3.78969	0	
127	N334	-6.25	3.5	3.78969	0	
128	N335	6.	3.5	3.78969	0	
129	N336	6.	3.5	4.03969	0	
130	N337	-5.169162	3.5	3.78969	0	
131	N338	5.169162	3.5	3.78969	0	
132	N339	5.391667	3.5	3.78969	0	
133	N340	-5.391667	3.5	3.78969	0	
134	N341	2.	0	3.78969	0	
135	N342	2.	0	4.03969	0	
136	N343	2.	-4	4.03969	0	
137	N344	2.	4	4.03969	0	
138	N345	2.	3.5	3.78969	0	
139	N346	2.	3.5	4.03969	0	
140	N347	-2.	0	3.78969	0	
141	N348	-2.	0	4.03969	0	
142	N349	-2.	-4	4.03969	0	
143	N350	-2.	4	4.03969	0	
144	N351	-2.	3.5	3.78969	0	
145	N352	-2.	3.5	4.03969	0	
146	N353	-6.	0	3.78969	0	
147	N354	-6.	0	4.03969	0	
148	N355	-6.	-4	4.03969	0	
149	N356	-6.	4	4.03969	0	
150	N357	-6.	3.5	3.78969	0	
151	N358	-6.	3.5	4.03969	0	
152	N162	3.281968	0	-1.894845	0	
153	N163	4.184988	0	-0.330769	0	
154	N164	6.054188	0	2.906781	0	
155	N165	2.378948	0	-3.458921	0	
156	N166	0.509748	0	-6.696471	0	
157	N167	0.156968	0	-7.307504	0	
158	N168	6.406968	0	3.517814	0	
159	N169	0.281968	0	-7.090997	0	
160	N170	0.498474	0	-7.215997	0	
161	N171	0.498474	-4	-7.215997	0	
162	N172	0.498474	4	-7.215997	0	
163	N173	3.997349	0	-0.655769	0	
164	N174	5.866549	0	2.581781	0	
165	N175	2.566587	0	-3.133921	0	
166	N176	0.697386	0	-6.371471	0	
167	N177	0.156968	3.5	-7.307504	0	
168	N178	6.406968	3.5	3.517814	0	
169	N179	0.281968	3.5	-7.090997	0	
170	N180	0.498474	3.5	-7.215997	0	
171	N181	5.866549	3.5	2.581781	0	
172	N182	0.697386	3.5	-6.371471	0	
173	N183	0.586134	3.5	-6.564165	0	
174	N184	5.977801	3.5	2.774475	0	
175	N185	2.281968	0	-3.626896	0	
176	N186	2.498474	0	-3.751896	0	
177	N187	2.498474	-4	-3.751896	0	
178	N188	2.498474	4	-3.751896	0	
179	N189	2.281968	3.5	-3.626896	0	
180	N190	2.498474	3.5	-3.751896	0	
181	N191	4.281968	0	-0.162794	0	
182	N192	4.498474	0	-0.287794	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
183	N193	4.498474	-4	-0.287794	0	
184	N194	4.498474	4	-0.287794	0	
185	N195	4.281968	3.5	-0.162794	0	
186	N196	4.498474	3.5	-0.287794	0	
187	N197	6.281968	0	3.301307	0	
188	N198	6.498474	0	3.176307	0	
189	N199	6.498474	-4	3.176307	0	
190	N200	6.498474	4	3.176307	0	
191	N201	6.281968	3.5	3.301307	0	
192	N202	6.498474	3.5	3.176307	0	
193	N209	-3.281968	0	-1.894845	0	
194	N210	-2.378948	0	-3.458921	0	
195	N211	-0.509748	0	-6.696471	0	
196	N212	-4.184988	0	-0.330769	0	
197	N213	-6.054188	0	2.906781	0	
198	N214	-6.406968	0	3.517814	0	
199	N215	-0.156968	0	-7.307504	0	
200	N216	-6.281968	0	3.301307	0	
201	N217	-6.498474	0	3.176307	0	
202	N218	-6.498474	-4	3.176307	0	
203	N219	-6.498474	4	3.176307	0	
204	N220	-2.566587	0	-3.133921	0	
205	N221	-0.697387	0	-6.371471	0	
206	N222	-3.997349	0	-0.655769	0	
207	N223	-5.866549	0	2.581781	0	
208	N224	-6.406968	3.5	3.517814	0	
209	N225	-0.156968	3.5	-7.307504	0	
210	N226	-6.281968	3.5	3.301307	0	
211	N227	-6.498474	3.5	3.176307	0	
212	N228	-0.697387	3.5	-6.371471	0	
213	N229A	-5.866549	3.5	2.581781	0	
214	N230	-5.977801	3.5	2.774475	0	
215	N231	-0.586134	3.5	-6.564165	0	
216	N232	-4.281968	0	-0.162794	0	
217	N233	-4.498474	0	-0.287794	0	
218	N234A	-4.498474	-4	-0.287794	0	
219	N235A	-4.498474	4	-0.287794	0	
220	N236A	-4.281968	3.5	-0.162794	0	
221	N237A	-4.498474	3.5	-0.287794	0	
222	N238A	-2.281968	0	-3.626896	0	
223	N239A	-2.498474	0	-3.751896	0	
224	N240A	-2.498474	-4	-3.751896	0	
225	N241A	-2.498474	4	-3.751896	0	
226	N242A	-2.281968	3.5	-3.626896	0	
227	N243A	-2.498474	3.5	-3.751896	0	
228	N244A	-0.281968	0	-7.090997	0	
229	N245A	-0.498474	0	-7.215997	0	
230	N246	-0.498474	-4	-7.215997	0	
231	N247	-0.498474	4	-7.215997	0	
232	N248	-0.281968	3.5	-7.090997	0	
233	N249	-0.498474	3.5	-7.215997	0	

Hot Rolled Steel Section Sets

	Label	Shape	Type	Design List	Material	Design Rules	A [in2]	Iyy [in4]	Izz [in4]	J [in4]
1	Face Horizo...	PIPE 3.0	Beam	Pipe	A53 Gr.B	Typical	2.07	2.85	2.85	5.69
2	Standoff Hor..	HSS4X4X4	Beam	SquareTube	A500 Gr.B R...	Typical	3.37	7.8	7.8	12.8
3	Corner Plate	PL1/2x6	Beam	BAR	A36 Gr.36	Typical	3	.063	9	.237

Hot Rolled Steel Section Sets (Continued)

	Label	Shape	Type	Design List	Material	Design Rules	A [in2]	Iyy [in4]	Izz [in4]	J [in4]
4	Platform Cro...	HSS4X4X4	Beam	SquareTube	A500 Gr.B R...	Typical	3.37	7.8	7.8	12.8
5	Grating Sup...	L2x2x3	Beam	Single Angle	A36 Gr.36	Typical	.722	.271	.271	.009
6	Mount Pipe	PIPE_2.0	Column	Pipe	A53 Gr.B	Typical	1.02	.627	.627	1.25
7	Cross Arm P...	PL3/8x6	Column	RECT	A36 Gr.36	Typical	2.25	.026	6.75	.101
8	Support Rail	PIPE_2.0	Beam	Pipe	A53 Gr.B	Typical	1.02	.627	.627	1.25
9	Support Rail...	L2.5x2.5x4	Beam	Single Angle	A36 Gr.36	Typical	1.19	.692	.692	.026
10	Dual Mount ...	PIPE_2.5	Column	Pipe	A53 Gr.B	Typical	1.61	1.45	1.45	2.89
11	Kicker	LL2.5x2.5x3x3	Beam	Double Angl...	A36 Gr.36	Typical	1.8	2.46	1.07	.023

Hot Rolled Steel Properties

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

Member Primary Data

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
1	M131B	N203B	N208A			Standoff Horiz...	Beam	SquareTube	A500 Gr.B...	Typical
2	M132A	N211C	N213C			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
3	M133A	N212C	N204B			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
4	M134A	N222A	N223A			Corner Plate	Beam	BAR	A36 Gr.36	Typical
5	M135A	N206B	N210C			RIGID	None	None	RIGID	Typical
6	M136A	N205B	N209A			RIGID	None	None	RIGID	Typical
7	M137A	N227A	N205B			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
8	M138A	N206B	N229			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
9	M139A	N229	N230A			RIGID	None	None	RIGID	Typical
10	M140A	N212C	N207B			RIGID	None	None	RIGID	Typical
11	M141A	N207B	N213C			RIGID	None	None	RIGID	Typical
12	M142A	N211C	N215C			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
13	M143A	N215C	N216A			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
14	M144A	N216A	N220A			RIGID	None	None	RIGID	Typical
15	M145A	N223A	N217A			Corner Plate	Beam	BAR	A36 Gr.36	Typical
16	M146A	N217A	N224A			RIGID	None	None	RIGID	Typical
17	M147A	N204B	N214C			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
18	M148A	N214C	N218B			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
19	M149A	N218B	N221A			RIGID	None	None	RIGID	Typical
20	M150A	N222A	N219B			Corner Plate	Beam	BAR	A36 Gr.36	Typical
21	M151A	N219B	N225A			RIGID	None	None	RIGID	Typical
22	M152A	N230A	N226A			RIGID	None	None	RIGID	Typical
23	M153A	N226A	N228A			RIGID	None	None	RIGID	Typical
24	M154A	N227A	N228A			RIGID	None	None	RIGID	Typical
25	M155A	N231A	N232A			RIGID	None	None	RIGID	Typical
26	M156A	N233A	N234			RIGID	None	None	RIGID	Typical
27	M157A	N234	N232A		180	Support Rail C...	Beam	Single Angle	A36 Gr.36	Typical
28	M160A	N239	N240			Kicker	Beam	Double Angle (...	A36 Gr.36	Typical
29	M161A	N241	N246A			Standoff Horiz...	Beam	SquareTube	A500 Gr.B...	Typical
30	M162A	N249A	N251A			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
31	M163A	N250A	N242			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
32	M164A	N260	N261			Corner Plate	Beam	BAR	A36 Gr.36	Typical
33	M165A	N244	N248A			RIGID	None	None	RIGID	Typical
34	M166A	N243	N247A			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
35	M167A	N265	N243			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
36	M168A	N244	N267			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
37	M169A	N267	N268			RIGID	None	None	RIGID	Typical
38	M170A	N250A	N245			RIGID	None	None	RIGID	Typical
39	M171A	N245	N251A			RIGID	None	None	RIGID	Typical
40	M172A	N249A	N253			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
41	M173A	N253	N254			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
42	M174	N254	N258			RIGID	None	None	RIGID	Typical
43	M175	N261	N255			Corner Plate	Beam	BAR	A36 Gr.36	Typical
44	M176	N255	N262			RIGID	None	None	RIGID	Typical
45	M177	N242	N252			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
46	M178	N252	N256			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
47	M179	N256	N259			RIGID	None	None	RIGID	Typical
48	M180	N260	N257			Corner Plate	Beam	BAR	A36 Gr.36	Typical
49	M181	N257	N263			RIGID	None	None	RIGID	Typical
50	M182	N268	N264			RIGID	None	None	RIGID	Typical
51	M183	N264	N266			RIGID	None	None	RIGID	Typical
52	M184	N265	N266			RIGID	None	None	RIGID	Typical
53	M185	N269	N270			RIGID	None	None	RIGID	Typical
54	M186	N271	N272			RIGID	None	None	RIGID	Typical
55	M187	N272	N270		180	Support Rail C...	Beam	Single Angle	A36 Gr.36	Typical
56	OVP2	N276	N275			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
57	M189	N273	N274			RIGID	None	None	RIGID	Typical
58	M190	N277	N278			Kicker	Beam	Double Angle (...	A36 Gr.36	Typical
59	M191	N279	N284			Standoff Horiz...	Beam	SquareTube	A500 Gr.B...	Typical
60	M192	N287	N289			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
61	M193	N288	N280			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
62	M194	N298	N299			Corner Plate	Beam	BAR	A36 Gr.36	Typical
63	M195	N282	N286			RIGID	None	None	RIGID	Typical
64	M196	N281	N285			RIGID	None	None	RIGID	Typical
65	M197	N303	N281			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
66	M198	N282	N305			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
67	M199	N305	N306			RIGID	None	None	RIGID	Typical
68	M200	N288	N283			RIGID	None	None	RIGID	Typical
69	M201	N283	N289			RIGID	None	None	RIGID	Typical
70	M202	N287	N291			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
71	M203	N291	N292			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
72	M204	N292	N296			RIGID	None	None	RIGID	Typical
73	M205	N299	N293			Corner Plate	Beam	BAR	A36 Gr.36	Typical
74	M206	N293	N300			RIGID	None	None	RIGID	Typical
75	M207	N280	N290			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
76	M208	N290	N294			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
77	M209	N294	N297			RIGID	None	None	RIGID	Typical
78	M210	N298	N295			Corner Plate	Beam	BAR	A36 Gr.36	Typical
79	M211	N295	N301			RIGID	None	None	RIGID	Typical
80	M212	N306	N302			RIGID	None	None	RIGID	Typical
81	M213	N302	N304			RIGID	None	None	RIGID	Typical
82	M214	N303	N304			RIGID	None	None	RIGID	Typical
83	M215	N307	N308			RIGID	None	None	RIGID	Typical
84	M216	N309	N310			RIGID	None	None	RIGID	Typical
85	M217	N310	N308		180	Support Rail C...	Beam	Single Angle	A36 Gr.36	Typical
86	OVP	N314	N313			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
87	M219	N311	N312			RIGID	None	None	RIGID	Typical
88	M220	N315	N316			Kicker	Beam	Double Angle (...	A36 Gr.36	Typical
89	M221	N323	N324			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
90	M222	N325	N326			RIGID	None	None	RIGID	Typical
91	MP1A	N328	N327			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
92	M224	N333	N334			Support Rail	Beam	Pipe	A53 Gr.B	Typical
93	M225	N335	N336			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
94	M226	N341	N342			RIGID	None	None	RIGID	Typical
95	MP2A	N344	N343			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
96	M228	N345	N346			RIGID	None	None	RIGID	Typical
97	M229	N347	N348			RIGID	None	None	RIGID	Typical
98	MP3A	N350	N349			Dual Mount Pi...	Column	Pipe	A53 Gr.B	Typical
99	M231	N351	N352			RIGID	None	None	RIGID	Typical
100	M232	N353	N354			RIGID	None	None	RIGID	Typical
101	MP4A	N356	N355			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
102	M234	N357	N358			RIGID	None	None	RIGID	Typical
103	M105	N167	N168			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
104	M106	N169	N170			RIGID	None	None	RIGID	Typical
105	MP1C	N172	N171			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
106	M108	N177	N178			Support Rail	Beam	Pipe	A53 Gr.B	Typical
107	M109	N179	N180			RIGID	None	None	RIGID	Typical
108	M110	N185	N186			RIGID	None	None	RIGID	Typical
109	MP2C	N188	N187			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
110	M112	N189	N190			RIGID	None	None	RIGID	Typical
111	M113	N191	N192			RIGID	None	None	RIGID	Typical
112	MP3C	N194	N193			Dual Mount Pi...	Column	Pipe	A53 Gr.B	Typical
113	M115	N195	N196			RIGID	None	None	RIGID	Typical
114	M116	N197	N198			RIGID	None	None	RIGID	Typical
115	MP4C	N200	N199			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
116	M118	N201	N202			RIGID	None	None	RIGID	Typical
117	M119	N214	N215			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
118	M120	N216	N217			RIGID	None	None	RIGID	Typical
119	MP1B	N219	N218			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
120	M122	N224	N225			Support Rail	Beam	Pipe	A53 Gr.B	Typical
121	M123	N226	N227			RIGID	None	None	RIGID	Typical
122	M124	N232	N233			RIGID	None	None	RIGID	Typical
123	MP2B	N235A	N234A			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
124	M126	N236A	N237A			RIGID	None	None	RIGID	Typical
125	M127	N238A	N239A			RIGID	None	None	RIGID	Typical
126	MP3B	N241A	N240A			Dual Mount Pi...	Column	Pipe	A53 Gr.B	Typical
127	M129	N242A	N243A			RIGID	None	None	RIGID	Typical
128	M130	N244A	N245A			RIGID	None	None	RIGID	Typical
129	MP4B	N247	N246			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
130	M132	N248	N249			RIGID	None	None	RIGID	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	M131B						Yes				None
2	M132A						Yes	Default			None
3	M133A						Yes	Default			None
4	M134A						Yes	Default			None
5	M135A						Yes	** NA **			None
6	M136A						Yes	** NA **			None
7	M137A	OOOOOX	OOOOOX				Yes	Default			None
8	M138A	OOOOOX	OOOOOX				Yes	Default			None
9	M139A						Yes	** NA **			None
10	M140A						Yes	** NA **			None
11	M141A						Yes	** NA **			None
12	M142A						Yes	** NA **			None
13	M143A						Yes	** NA **			None
14	M144A		BenPIN				Yes	** NA **			None
15	M145A						Yes				None
16	M146A		BenPIN				Yes	** NA **			None
17	M147A						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...
18	M148A						Yes	** NA **			None
19	M149A		BenPIN				Yes	** NA **			None
20	M150A						Yes				None
21	M151A		BenPIN				Yes	** NA **			None
22	M152A						Yes	** NA **			None
23	M153A						Yes	** NA **			None
24	M154A						Yes	** NA **			None
25	M155A	OOOOOX					Yes	** NA **			None
26	M156A	OOOOOX					Yes	** NA **			None
27	M157A						Yes	Default			None
28	M160A	BenPIN					Yes	Default			None
29	M161A						Yes				None
30	M162A						Yes	Default			None
31	M163A						Yes	Default			None
32	M164A						Yes	Default			None
33	M165A						Yes	** NA **			None
34	M166A						Yes	** NA **			None
35	M167A	OOOOOX	OOOOOX				Yes	Default			None
36	M168A	OOOOOX	OOOOOX				Yes	Default			None
37	M169A						Yes	** NA **			None
38	M170A						Yes	** NA **			None
39	M171A						Yes	** NA **			None
40	M172A						Yes	** NA **			None
41	M173A						Yes	** NA **			None
42	M174		BenPIN				Yes	** NA **			None
43	M175						Yes				None
44	M176		BenPIN				Yes	** NA **			None
45	M177						Yes	** NA **			None
46	M178						Yes	** NA **			None
47	M179		BenPIN				Yes	** NA **			None
48	M180						Yes				None
49	M181		BenPIN				Yes	** NA **			None
50	M182						Yes	** NA **			None
51	M183						Yes	** NA **			None
52	M184						Yes	** NA **			None
53	M185	OOOOOX					Yes	** NA **			None
54	M186	OOOOOX					Yes	** NA **			None
55	M187						Yes	Default			None
56	OVP2						Yes	** NA **			None
57	M189						Yes	** NA **			None
58	M190	BenPIN					Yes	Default			None
59	M191						Yes				None
60	M192						Yes	Default			None
61	M193						Yes	Default			None
62	M194						Yes	Default			None
63	M195						Yes	** NA **			None
64	M196						Yes	** NA **			None
65	M197	OOOOOX	OOOOOX				Yes	Default			None
66	M198	OOOOOX	OOOOOX				Yes	Default			None
67	M199						Yes	** NA **			None
68	M200						Yes	** NA **			None
69	M201						Yes	** NA **			None
70	M202						Yes	** NA **			None
71	M203						Yes	** NA **			None
72	M204		BenPIN				Yes	** NA **			None
73	M205						Yes				None
74	M206		BenPIN				Yes	** NA **			None
75	M207						Yes	** NA **			None
76	M208						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...
77	M209		BenPIN				Yes	** NA **			None
78	M210						Yes				None
79	M211		BenPIN				Yes	** NA **			None
80	M212						Yes	** NA **			None
81	M213						Yes	** NA **			None
82	M214						Yes	** NA **			None
83	M215	OOOOOX					Yes	** NA **			None
84	M216	OOOOOX					Yes	** NA **			None
85	M217						Yes	Default			None
86	OVP						Yes	** NA **			None
87	M219						Yes	** NA **			None
88	M220	BenPIN					Yes	Default			None
89	M221						Yes	Default			None
90	M222						Yes	** NA **			None
91	MP1A						Yes	** NA **			None
92	M224						Yes	Default			None
93	M225						Yes	** NA **			None
94	M226						Yes	** NA **			None
95	MP2A						Yes	** NA **			None
96	M228						Yes	** NA **			None
97	M229						Yes	** NA **			None
98	MP3A						Yes	** NA **			None
99	M231						Yes	** NA **			None
100	M232						Yes	** NA **			None
101	MP4A						Yes	** NA **			None
102	M234						Yes	** NA **			None
103	M105						Yes	Default			None
104	M106						Yes	** NA **			None
105	MP1C						Yes	** NA **			None
106	M108						Yes	Default			None
107	M109						Yes	** NA **			None
108	M110						Yes	** NA **			None
109	MP2C						Yes	** NA **			None
110	M112						Yes	** NA **			None
111	M113						Yes	** NA **			None
112	MP3C						Yes	** NA **			None
113	M115						Yes	** NA **			None
114	M116						Yes	** NA **			None
115	MP4C						Yes	** NA **			None
116	M118						Yes	** NA **			None
117	M119						Yes	Default			None
118	M120						Yes	** NA **			None
119	MP1B						Yes	** NA **			None
120	M122						Yes	Default			None
121	M123						Yes	** NA **			None
122	M124						Yes	** NA **			None
123	MP2B						Yes	** NA **			None
124	M126						Yes	** NA **			None
125	M127						Yes	** NA **			None
126	MP3B						Yes	** NA **			None
127	M129						Yes	** NA **			None
128	M130						Yes	** NA **			None
129	MP4B						Yes	** NA **			None
130	M132						Yes	** NA **			None

Member Point Loads (BLC 1 : Antenna D)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	Y	-43.55	3
2	MP1A	My	-.022	3
3	MP1A	Mz	0	3
4	MP1A	Y	-43.55	5
5	MP1A	My	-.022	5
6	MP1A	Mz	0	5
7	MP1B	Y	-43.55	3
8	MP1B	My	.007	3
9	MP1B	Mz	-.02	3
10	MP1B	Y	-43.55	5
11	MP1B	My	.007	5
12	MP1B	Mz	-.02	5
13	MP1C	Y	-43.55	3
14	MP1C	My	.007	3
15	MP1C	Mz	.02	3
16	MP1C	Y	-43.55	5
17	MP1C	My	.007	5
18	MP1C	Mz	.02	5
19	OVP2	Y	-32	1
20	OVP2	My	0	1
21	OVP2	Mz	0	1
22	OVP	Y	-32	1
23	OVP	My	0	1
24	OVP	Mz	0	1
25	MP3A	Y	-31.65	1.5
26	MP3A	My	-.016	1.5
27	MP3A	Mz	-.018	1.5
28	MP3A	Y	-31.65	6.5
29	MP3A	My	-.016	6.5
30	MP3A	Mz	-.018	6.5
31	MP3B	Y	-31.65	1.5
32	MP3B	My	.023	1.5
33	MP3B	Mz	-.009	1.5
34	MP3B	Y	-31.65	6.5
35	MP3B	My	.023	6.5
36	MP3B	Mz	-.009	6.5
37	MP3C	Y	-31.65	1.5
38	MP3C	My	-.012	1.5
39	MP3C	Mz	.021	1.5
40	MP3C	Y	-31.65	6.5
41	MP3C	My	-.012	6.5
42	MP3C	Mz	.021	6.5
43	MP3A	Y	-31.65	1.5
44	MP3A	My	-.016	1.5
45	MP3A	Mz	.018	1.5
46	MP3A	Y	-31.65	6.5
47	MP3A	My	-.016	6.5
48	MP3A	Mz	.018	6.5
49	MP3B	Y	-31.65	1.5
50	MP3B	My	-.012	1.5
51	MP3B	Mz	-.021	1.5
52	MP3B	Y	-31.65	6.5
53	MP3B	My	-.012	6.5
54	MP3B	Mz	-.021	6.5
55	MP3C	Y	-31.65	1.5
56	MP3C	My	.023	1.5
57	MP3C	Mz	.009	1.5
58	MP3C	Y	-31.65	6.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
59	MP3C	My	.023	6.5
60	MP3C	Mz	.009	6.5
61	MP4A	Y	-4.95	2
62	MP4A	My	-.002	2
63	MP4A	Mz	-.000846	2
64	MP4A	Y	-4.95	6
65	MP4A	My	-.002	6
66	MP4A	Mz	-.000846	6
67	MP4B	Y	-4.95	2
68	MP4B	My	.002	2
69	MP4B	Mz	-.002	2
70	MP4B	Y	-4.95	6
71	MP4B	My	.002	6
72	MP4B	Mz	-.002	6
73	MP4C	Y	-4.95	2
74	MP4C	My	.00043	2
75	MP4C	Mz	.002	2
76	MP4C	Y	-4.95	6
77	MP4C	My	.00043	6
78	MP4C	Mz	.002	6
79	MP2A	Y	-10.4	5
80	MP2A	My	.005	5
81	MP2A	Mz	.000903	5
82	MP2B	Y	-10.4	5
83	MP2B	My	-.003	5
84	MP2B	Mz	.004	5
85	MP2C	Y	-10.4	5
86	MP2C	My	-.002	5
87	MP2C	Mz	-.005	5
88	MP2A	Y	-84.4	2
89	MP2A	My	.042	2
90	MP2A	Mz	.007	2
91	MP2B	Y	-84.4	2
92	MP2B	My	-.027	2
93	MP2B	Mz	.032	2
94	MP2C	Y	-84.4	2
95	MP2C	My	-.014	2
96	MP2C	Mz	-.04	2
97	MP3A	Y	-70.3	2
98	MP3A	My	.035	2
99	MP3A	Mz	.006	2
100	MP3B	Y	-70.3	2
101	MP3B	My	-.023	2
102	MP3B	Mz	.027	2
103	MP3C	Y	-70.3	2
104	MP3C	My	-.012	2
105	MP3C	Mz	-.033	2
106	MP3C	Y	-8.8	5
107	MP3C	My	-.000253	5
108	MP3C	Mz	-.009	5
109	MP3C	Y	-8.8	6
110	MP3C	My	-.000253	6
111	MP3C	Mz	-.009	6
112	MP3C	Y	-8.8	5
113	MP3C	My	-.006	5
114	MP3C	Mz	-.007	5
115	MP3C	Y	-8.8	6
116	MP3C	My	-.006	6
117	MP3C	Mz	-.007	6

Member Point Loads (BLC 2 : Antenna Di)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	Y	-36.516	3
2	MP1A	My	-.018	3
3	MP1A	Mz	0	3
4	MP1A	Y	-36.516	5
5	MP1A	My	-.018	5
6	MP1A	Mz	0	5
7	MP1B	Y	-36.516	3
8	MP1B	My	.006	3
9	MP1B	Mz	-.017	3
10	MP1B	Y	-36.516	5
11	MP1B	My	.006	5
12	MP1B	Mz	-.017	5
13	MP1C	Y	-36.516	3
14	MP1C	My	.006	3
15	MP1C	Mz	.017	3
16	MP1C	Y	-36.516	5
17	MP1C	My	.006	5
18	MP1C	Mz	.017	5
19	OVP2	Y	-77.856	1
20	OVP2	My	0	1
21	OVP2	Mz	0	1
22	OVP	Y	-77.856	1
23	OVP	My	0	1
24	OVP	Mz	0	1
25	MP3A	Y	-71.688	1.5
26	MP3A	My	-.036	1.5
27	MP3A	Mz	-.042	1.5
28	MP3A	Y	-71.688	6.5
29	MP3A	My	-.036	6.5
30	MP3A	Mz	-.042	6.5
31	MP3B	Y	-71.688	1.5
32	MP3B	My	.052	1.5
33	MP3B	Mz	-.019	1.5
34	MP3B	Y	-71.688	6.5
35	MP3B	My	.052	6.5
36	MP3B	Mz	-.019	6.5
37	MP3C	Y	-71.688	1.5
38	MP3C	My	-.027	1.5
39	MP3C	Mz	.048	1.5
40	MP3C	Y	-71.688	6.5
41	MP3C	My	-.027	6.5
42	MP3C	Mz	.048	6.5
43	MP3A	Y	-71.688	1.5
44	MP3A	My	-.036	1.5
45	MP3A	Mz	.042	1.5
46	MP3A	Y	-71.688	6.5
47	MP3A	My	-.036	6.5
48	MP3A	Mz	.042	6.5
49	MP3B	Y	-71.688	1.5
50	MP3B	My	-.027	1.5
51	MP3B	Mz	-.048	1.5
52	MP3B	Y	-71.688	6.5
53	MP3B	My	-.027	6.5
54	MP3B	Mz	-.048	6.5
55	MP3C	Y	-71.688	1.5
56	MP3C	My	.052	1.5
57	MP3C	Mz	.019	1.5
58	MP3C	Y	-71.688	6.5
59	MP3C	My	.052	6.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
60	MP3C	Mz	.019	6.5
61	MP4A	Y	-36.594	2
62	MP4A	My	-.017	2
63	MP4A	Mz	-.006	2
64	MP4A	Y	-36.594	6
65	MP4A	My	-.017	6
66	MP4A	Mz	-.006	6
67	MP4B	Y	-36.594	2
68	MP4B	My	.014	2
69	MP4B	Mz	-.012	2
70	MP4B	Y	-36.594	6
71	MP4B	My	.014	6
72	MP4B	Mz	-.012	6
73	MP4C	Y	-36.594	2
74	MP4C	My	.003	2
75	MP4C	Mz	.018	2
76	MP4C	Y	-36.594	6
77	MP4C	My	.003	6
78	MP4C	Mz	.018	6
79	MP2A	Y	-11.051	5
80	MP2A	My	.005	5
81	MP2A	Mz	.00096	5
82	MP2B	Y	-11.051	5
83	MP2B	My	-.004	5
84	MP2B	Mz	.004	5
85	MP2C	Y	-11.051	5
86	MP2C	My	-.002	5
87	MP2C	Mz	-.005	5
88	MP2A	Y	-46.055	2
89	MP2A	My	.023	2
90	MP2A	Mz	.004	2
91	MP2B	Y	-46.055	2
92	MP2B	My	-.015	2
93	MP2B	Mz	.018	2
94	MP2C	Y	-46.055	2
95	MP2C	My	-.008	2
96	MP2C	Mz	-.022	2
97	MP3A	Y	-41.425	2
98	MP3A	My	.02	2
99	MP3A	Mz	.004	2
100	MP3B	Y	-41.425	2
101	MP3B	My	-.013	2
102	MP3B	Mz	.016	2
103	MP3C	Y	-41.425	2
104	MP3C	My	-.007	2
105	MP3C	Mz	-.019	2
106	MP3C	Y	-8.913	5
107	MP3C	My	-.000257	5
108	MP3C	Mz	-.009	5
109	MP3C	Y	-8.913	6
110	MP3C	My	-.000257	6
111	MP3C	Mz	-.009	6
112	MP3C	Y	-8.913	5
113	MP3C	My	-.006	5
114	MP3C	Mz	-.007	5
115	MP3C	Y	-8.913	6
116	MP3C	My	-.006	6
117	MP3C	Mz	-.007	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	0	3
2	MP1A	Z	-102.728	3
3	MP1A	Mx	0	3
4	MP1A	X	0	5
5	MP1A	Z	-102.728	5
6	MP1A	Mx	0	5
7	MP1B	X	0	3
8	MP1B	Z	-43.257	3
9	MP1B	Mx	.02	3
10	MP1B	X	0	5
11	MP1B	Z	-43.257	5
12	MP1B	Mx	.02	5
13	MP1C	X	0	3
14	MP1C	Z	-43.257	3
15	MP1C	Mx	-.02	3
16	MP1C	X	0	5
17	MP1C	Z	-43.257	5
18	MP1C	Mx	-.02	5
19	OVP2	X	0	1
20	OVP2	Z	-196.618	1
21	OVP2	Mx	0	1
22	OVP	X	0	1
23	OVP	Z	-196.618	1
24	OVP	Mx	0	1
25	MP3A	X	0	1.5
26	MP3A	Z	-238.738	1.5
27	MP3A	Mx	.139	1.5
28	MP3A	X	0	6.5
29	MP3A	Z	-238.738	6.5
30	MP3A	Mx	.139	6.5
31	MP3B	X	0	1.5
32	MP3B	Z	-166.385	1.5
33	MP3B	Mx	.045	1.5
34	MP3B	X	0	6.5
35	MP3B	Z	-166.385	6.5
36	MP3B	Mx	.045	6.5
37	MP3C	X	0	1.5
38	MP3C	Z	-166.385	1.5
39	MP3C	Mx	-.111	1.5
40	MP3C	X	0	6.5
41	MP3C	Z	-166.385	6.5
42	MP3C	Mx	-.111	6.5
43	MP3A	X	0	1.5
44	MP3A	Z	-238.738	1.5
45	MP3A	Mx	-.139	1.5
46	MP3A	X	0	6.5
47	MP3A	Z	-238.738	6.5
48	MP3A	Mx	-.139	6.5
49	MP3B	X	0	1.5
50	MP3B	Z	-166.385	1.5
51	MP3B	Mx	.111	1.5
52	MP3B	X	0	6.5
53	MP3B	Z	-166.385	6.5
54	MP3B	Mx	.111	6.5
55	MP3C	X	0	1.5
56	MP3C	Z	-166.385	1.5
57	MP3C	Mx	-.045	1.5
58	MP3C	X	0	6.5
59	MP3C	Z	-166.385	6.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
60	MP3C	Mx	-.045	6.5
61	MP4A	X	0	2
62	MP4A	Z	-116.94	2
63	MP4A	Mx	.02	2
64	MP4A	X	0	6
65	MP4A	Z	-116.94	6
66	MP4A	Mx	.02	6
67	MP4B	X	0	2
68	MP4B	Z	-99.84	2
69	MP4B	Mx	.032	2
70	MP4B	X	0	6
71	MP4B	Z	-99.84	6
72	MP4B	Mx	.032	6
73	MP4C	X	0	2
74	MP4C	Z	-67.703	2
75	MP4C	Mx	-.033	2
76	MP4C	X	0	6
77	MP4C	Z	-67.703	6
78	MP4C	Mx	-.033	6
79	MP2A	X	0	5
80	MP2A	Z	-19.212	5
81	MP2A	Mx	-.002	5
82	MP2B	X	0	5
83	MP2B	Z	-15.886	5
84	MP2B	Mx	-.006	5
85	MP2C	X	0	5
86	MP2C	Z	-14.117	5
87	MP2C	Mx	.007	5
88	MP2A	X	0	2
89	MP2A	Z	-80.433	2
90	MP2A	Mx	-.007	2
91	MP2B	X	0	2
92	MP2B	Z	-65.553	2
93	MP2B	Mx	-.025	2
94	MP2C	X	0	2
95	MP2C	Z	-57.636	2
96	MP2C	Mx	.027	2
97	MP3A	X	0	2
98	MP3A	Z	-80.133	2
99	MP3A	Mx	-.007	2
100	MP3B	X	0	2
101	MP3B	Z	-59.709	2
102	MP3B	Mx	-.023	2
103	MP3C	X	0	2
104	MP3C	Z	-48.842	2
105	MP3C	Mx	.023	2
106	MP3C	X	0	5
107	MP3C	Z	-25.224	5
108	MP3C	Mx	.027	5
109	MP3C	X	0	6
110	MP3C	Z	-25.224	6
111	MP3C	Mx	.027	6
112	MP3C	X	0	5
113	MP3C	Z	-25.224	5
114	MP3C	Mx	.021	5
115	MP3C	X	0	6
116	MP3C	Z	-25.224	6
117	MP3C	Mx	.021	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	42.945	3
2	MP1A	Z	-74.384	3
3	MP1A	Mx	-.021	3
4	MP1A	X	42.945	5
5	MP1A	Z	-74.384	5
6	MP1A	Mx	-.021	5
7	MP1B	X	18.705	3
8	MP1B	Z	-32.397	3
9	MP1B	Mx	.018	3
10	MP1B	X	18.705	5
11	MP1B	Z	-32.397	5
12	MP1B	Mx	.018	5
13	MP1C	X	37.45	3
14	MP1C	Z	-64.866	3
15	MP1C	Mx	-.024	3
16	MP1C	X	37.45	5
17	MP1C	Z	-64.866	5
18	MP1C	Mx	-.024	5
19	OVP2	X	95.394	1
20	OVP2	Z	-165.226	1
21	OVP2	Mx	0	1
22	OVP	X	95.394	1
23	OVP	Z	-165.226	1
24	OVP	Mx	0	1
25	MP3A	X	109.127	1.5
26	MP3A	Z	-189.013	1.5
27	MP3A	Mx	.056	1.5
28	MP3A	X	109.127	6.5
29	MP3A	Z	-189.013	6.5
30	MP3A	Mx	.056	6.5
31	MP3B	X	79.636	1.5
32	MP3B	Z	-137.933	1.5
33	MP3B	Mx	.095	1.5
34	MP3B	X	79.636	6.5
35	MP3B	Z	-137.933	6.5
36	MP3B	Mx	.095	6.5
37	MP3C	X	102.442	1.5
38	MP3C	Z	-177.434	1.5
39	MP3C	Mx	-.157	1.5
40	MP3C	X	102.442	6.5
41	MP3C	Z	-177.434	6.5
42	MP3C	Mx	-.157	6.5
43	MP3A	X	109.127	1.5
44	MP3A	Z	-189.013	1.5
45	MP3A	Mx	-.165	1.5
46	MP3A	X	109.127	6.5
47	MP3A	Z	-189.013	6.5
48	MP3A	Mx	-.165	6.5
49	MP3B	X	79.636	1.5
50	MP3B	Z	-137.933	1.5
51	MP3B	Mx	.062	1.5
52	MP3B	X	79.636	6.5
53	MP3B	Z	-137.933	6.5
54	MP3B	Mx	.062	6.5
55	MP3C	X	102.442	1.5
56	MP3C	Z	-177.434	1.5
57	MP3C	Mx	.026	1.5
58	MP3C	X	102.442	6.5
59	MP3C	Z	-177.434	6.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
60	MP3C	Mx	.026	6.5
61	MP4A	X	60.976	2
62	MP4A	Z	-105.614	2
63	MP4A	Mx	-.011	2
64	MP4A	X	60.976	6
65	MP4A	Z	-105.614	6
66	MP4A	Mx	-.011	6
67	MP4B	X	36.358	2
68	MP4B	Z	-62.973	2
69	MP4B	Mx	.034	2
70	MP4B	X	36.358	6
71	MP4B	Z	-62.973	6
72	MP4B	Mx	.034	6
73	MP4C	X	44.907	2
74	MP4C	Z	-77.782	2
75	MP4C	Mx	-.034	2
76	MP4C	X	44.907	6
77	MP4C	Z	-77.782	6
78	MP4C	Mx	-.034	6
79	MP2A	X	9.347	5
80	MP2A	Z	-16.189	5
81	MP2A	Mx	.003	5
82	MP2B	X	6.799	5
83	MP2B	Z	-11.776	5
84	MP2B	Mx	-.007	5
85	MP2C	X	8.462	5
86	MP2C	Z	-14.656	5
87	MP2C	Mx	.005	5
88	MP2A	X	39.056	2
89	MP2A	Z	-67.647	2
90	MP2A	Mx	.013	2
91	MP2B	X	27.657	2
92	MP2B	Z	-47.904	2
93	MP2B	Mx	-.027	2
94	MP2C	X	35.097	2
95	MP2C	Z	-60.791	2
96	MP2C	Mx	.023	2
97	MP3A	X	38.474	2
98	MP3A	Z	-66.638	2
99	MP3A	Mx	.013	2
100	MP3B	X	22.828	2
101	MP3B	Z	-39.54	2
102	MP3B	Mx	-.022	2
103	MP3C	X	33.04	2
104	MP3C	Z	-57.227	2
105	MP3C	Mx	.021	2
106	MP3C	X	12.594	5
107	MP3C	Z	-21.814	5
108	MP3C	Mx	.023	5
109	MP3C	X	12.594	6
110	MP3C	Z	-21.814	6
111	MP3C	Mx	.023	6
112	MP3C	X	12.594	5
113	MP3C	Z	-21.814	5
114	MP3C	Mx	.01	5
115	MP3C	X	12.594	6
116	MP3C	Z	-21.814	6
117	MP3C	Mx	.01	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	45.22	3
2	MP1A	Z	-26.108	3
3	MP1A	Mx	-.023	3
4	MP1A	X	45.22	5
5	MP1A	Z	-26.108	5
6	MP1A	Mx	-.023	5
7	MP1B	X	54.738	3
8	MP1B	Z	-31.603	3
9	MP1B	Mx	.024	3
10	MP1B	X	54.738	5
11	MP1B	Z	-31.603	5
12	MP1B	Mx	.024	5
13	MP1C	X	87.207	3
14	MP1C	Z	-50.349	3
15	MP1C	Mx	-.009	3
16	MP1C	X	87.207	5
17	MP1C	Z	-50.349	5
18	MP1C	Mx	-.009	5
19	OVP2	X	137.9	1
20	OVP2	Z	-79.617	1
21	OVP2	Mx	0	1
22	OVP	X	137.9	1
23	OVP	Z	-79.617	1
24	OVP	Mx	0	1
25	MP3A	X	153.533	1.5
26	MP3A	Z	-88.642	1.5
27	MP3A	Mx	-.025	1.5
28	MP3A	X	153.533	6.5
29	MP3A	Z	-88.642	6.5
30	MP3A	Mx	-.025	6.5
31	MP3B	X	165.112	1.5
32	MP3B	Z	-95.328	1.5
33	MP3B	Mx	.145	1.5
34	MP3B	X	165.112	6.5
35	MP3B	Z	-95.328	6.5
36	MP3B	Mx	.145	6.5
37	MP3C	X	204.614	1.5
38	MP3C	Z	-118.134	1.5
39	MP3C	Mx	-.156	1.5
40	MP3C	X	204.614	6.5
41	MP3C	Z	-118.134	6.5
42	MP3C	Mx	-.156	6.5
43	MP3A	X	153.533	1.5
44	MP3A	Z	-88.642	1.5
45	MP3A	Mx	-.128	1.5
46	MP3A	X	153.533	6.5
47	MP3A	Z	-88.642	6.5
48	MP3A	Mx	-.128	6.5
49	MP3B	X	165.112	1.5
50	MP3B	Z	-95.328	1.5
51	MP3B	Mx	.002	1.5
52	MP3B	X	165.112	6.5
53	MP3B	Z	-95.328	6.5
54	MP3B	Mx	.002	6.5
55	MP3C	X	204.614	1.5
56	MP3C	Z	-118.134	1.5
57	MP3C	Mx	.115	1.5
58	MP3C	X	204.614	6.5
59	MP3C	Z	-118.134	6.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
60	MP3C	Mx	.115	6.5
61	MP4A	X	86.464	2
62	MP4A	Z	-49.92	2
63	MP4A	Mx	-.032	2
64	MP4A	X	86.464	6
65	MP4A	Z	-49.92	6
66	MP4A	Mx	-.032	6
67	MP4B	X	58.632	2
68	MP4B	Z	-33.851	2
69	MP4B	Mx	.033	2
70	MP4B	X	58.632	6
71	MP4B	Z	-33.851	6
72	MP4B	Mx	.033	6
73	MP4C	X	101.273	2
74	MP4C	Z	-58.47	2
75	MP4C	Mx	-.02	2
76	MP4C	X	101.273	6
77	MP4C	Z	-58.47	6
78	MP4C	Mx	-.02	6
79	MP2A	X	13.758	5
80	MP2A	Z	-7.943	5
81	MP2A	Mx	.006	5
82	MP2B	X	12.225	5
83	MP2B	Z	-7.058	5
84	MP2B	Mx	-.007	5
85	MP2C	X	16.638	5
86	MP2C	Z	-9.606	5
87	MP2C	Mx	.002	5
88	MP2A	X	56.771	2
89	MP2A	Z	-32.777	2
90	MP2A	Mx	.025	2
91	MP2B	X	49.914	2
92	MP2B	Z	-28.818	2
93	MP2B	Mx	-.027	2
94	MP2C	X	69.657	2
95	MP2C	Z	-40.217	2
96	MP2C	Mx	.007	2
97	MP3A	X	51.71	2
98	MP3A	Z	-29.855	2
99	MP3A	Mx	.023	2
100	MP3B	X	42.299	2
101	MP3B	Z	-24.421	2
102	MP3B	Mx	-.023	2
103	MP3C	X	69.397	2
104	MP3C	Z	-40.066	2
105	MP3C	Mx	.007	2
106	MP3C	X	21.789	5
107	MP3C	Z	-12.58	5
108	MP3C	Mx	.013	5
109	MP3C	X	21.789	6
110	MP3C	Z	-12.58	6
111	MP3C	Mx	.013	6
112	MP3C	X	21.789	5
113	MP3C	Z	-12.58	5
114	MP3C	Mx	-.004	5
115	MP3C	X	21.789	6
116	MP3C	Z	-12.58	6
117	MP3C	Mx	-.004	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	35.378	3
2	MP1A	Z	0	3
3	MP1A	Mx	-.018	3
4	MP1A	X	35.378	5
5	MP1A	Z	0	5
6	MP1A	Mx	-.018	5
7	MP1B	X	94.85	3
8	MP1B	Z	0	3
9	MP1B	Mx	.016	3
10	MP1B	X	94.85	5
11	MP1B	Z	0	5
12	MP1B	Mx	.016	5
13	MP1C	X	94.85	3
14	MP1C	Z	0	3
15	MP1C	Mx	.016	3
16	MP1C	X	94.85	5
17	MP1C	Z	0	5
18	MP1C	Mx	.016	5
19	OVP2	X	133.511	1
20	OVP2	Z	0	1
21	OVP2	Mx	0	1
22	OVP	X	133.511	1
23	OVP	Z	0	1
24	OVP	Mx	0	1
25	MP3A	X	156.8	1.5
26	MP3A	Z	0	1.5
27	MP3A	Mx	-.078	1.5
28	MP3A	X	156.8	6.5
29	MP3A	Z	0	6.5
30	MP3A	Mx	-.078	6.5
31	MP3B	X	229.153	1.5
32	MP3B	Z	0	1.5
33	MP3B	Mx	.165	1.5
34	MP3B	X	229.153	6.5
35	MP3B	Z	0	6.5
36	MP3B	Mx	.165	6.5
37	MP3C	X	229.153	1.5
38	MP3C	Z	0	1.5
39	MP3C	Mx	-.086	1.5
40	MP3C	X	229.153	6.5
41	MP3C	Z	0	6.5
42	MP3C	Mx	-.086	6.5
43	MP3A	X	156.8	1.5
44	MP3A	Z	0	1.5
45	MP3A	Mx	-.078	1.5
46	MP3A	X	156.8	6.5
47	MP3A	Z	0	6.5
48	MP3A	Mx	-.078	6.5
49	MP3B	X	229.153	1.5
50	MP3B	Z	0	1.5
51	MP3B	Mx	-.086	1.5
52	MP3B	X	229.153	6.5
53	MP3B	Z	0	6.5
54	MP3B	Mx	-.086	6.5
55	MP3C	X	229.153	1.5
56	MP3C	Z	0	1.5
57	MP3C	Mx	.165	1.5
58	MP3C	X	229.153	6.5
59	MP3C	Z	0	6.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
60	MP3C	Mx	.165	6.5
61	MP4A	X	72.715	2
62	MP4A	Z	0	2
63	MP4A	Mx	-.034	2
64	MP4A	X	72.715	6
65	MP4A	Z	0	6
66	MP4A	Mx	-.034	6
67	MP4B	X	89.815	2
68	MP4B	Z	0	2
69	MP4B	Mx	.034	2
70	MP4B	X	89.815	6
71	MP4B	Z	0	6
72	MP4B	Mx	.034	6
73	MP4C	X	121.952	2
74	MP4C	Z	0	2
75	MP4C	Mx	.011	2
76	MP4C	X	121.952	6
77	MP4C	Z	0	6
78	MP4C	Mx	.011	6
79	MP2A	X	13.598	5
80	MP2A	Z	0	5
81	MP2A	Mx	.007	5
82	MP2B	X	16.924	5
83	MP2B	Z	0	5
84	MP2B	Mx	-.005	5
85	MP2C	X	18.694	5
86	MP2C	Z	0	5
87	MP2C	Mx	-.003	5
88	MP2A	X	55.315	2
89	MP2A	Z	0	2
90	MP2A	Mx	.027	2
91	MP2B	X	70.195	2
92	MP2B	Z	0	2
93	MP2B	Mx	-.023	2
94	MP2C	X	78.112	2
95	MP2C	Z	0	2
96	MP2C	Mx	-.013	2
97	MP3A	X	45.657	2
98	MP3A	Z	0	2
99	MP3A	Mx	.022	2
100	MP3B	X	66.08	2
101	MP3B	Z	0	2
102	MP3B	Mx	-.021	2
103	MP3C	X	76.947	2
104	MP3C	Z	0	2
105	MP3C	Mx	-.013	2
106	MP3C	X	25.167	5
107	MP3C	Z	0	5
108	MP3C	Mx	-.000725	5
109	MP3C	X	25.167	6
110	MP3C	Z	0	6
111	MP3C	Mx	-.000725	6
112	MP3C	X	25.167	5
113	MP3C	Z	0	5
114	MP3C	Mx	-.016	5
115	MP3C	X	25.167	6
116	MP3C	Z	0	6
117	MP3C	Mx	-.016	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	45.22	3
2	MP1A	Z	26.108	3
3	MP1A	Mx	-.023	3
4	MP1A	X	45.22	5
5	MP1A	Z	26.108	5
6	MP1A	Mx	-.023	5
7	MP1B	X	87.207	3
8	MP1B	Z	50.349	3
9	MP1B	Mx	-.009	3
10	MP1B	X	87.207	5
11	MP1B	Z	50.349	5
12	MP1B	Mx	-.009	5
13	MP1C	X	54.738	3
14	MP1C	Z	31.603	3
15	MP1C	Mx	.024	3
16	MP1C	X	54.738	5
17	MP1C	Z	31.603	5
18	MP1C	Mx	.024	5
19	OVP2	X	120.674	1
20	OVP2	Z	69.671	1
21	OVP2	Mx	0	1
22	OVP	X	120.674	1
23	OVP	Z	69.671	1
24	OVP	Mx	0	1
25	MP3A	X	153.533	1.5
26	MP3A	Z	88.642	1.5
27	MP3A	Mx	-.128	1.5
28	MP3A	X	153.533	6.5
29	MP3A	Z	88.642	6.5
30	MP3A	Mx	-.128	6.5
31	MP3B	X	204.614	1.5
32	MP3B	Z	118.134	1.5
33	MP3B	Mx	.115	1.5
34	MP3B	X	204.614	6.5
35	MP3B	Z	118.134	6.5
36	MP3B	Mx	.115	6.5
37	MP3C	X	165.112	1.5
38	MP3C	Z	95.328	1.5
39	MP3C	Mx	.002	1.5
40	MP3C	X	165.112	6.5
41	MP3C	Z	95.328	6.5
42	MP3C	Mx	.002	6.5
43	MP3A	X	153.533	1.5
44	MP3A	Z	88.642	1.5
45	MP3A	Mx	-.025	1.5
46	MP3A	X	153.533	6.5
47	MP3A	Z	88.642	6.5
48	MP3A	Mx	-.025	6.5
49	MP3B	X	204.614	1.5
50	MP3B	Z	118.134	1.5
51	MP3B	Mx	-.156	1.5
52	MP3B	X	204.614	6.5
53	MP3B	Z	118.134	6.5
54	MP3B	Mx	-.156	6.5
55	MP3C	X	165.112	1.5
56	MP3C	Z	95.328	1.5
57	MP3C	Mx	.145	1.5
58	MP3C	X	165.112	6.5
59	MP3C	Z	95.328	6.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
60	MP3C	Mx	.145	6.5
61	MP4A	X	58.632	2
62	MP4A	Z	33.851	2
63	MP4A	Mx	-.033	2
64	MP4A	X	58.632	6
65	MP4A	Z	33.851	6
66	MP4A	Mx	-.033	6
67	MP4B	X	101.273	2
68	MP4B	Z	58.47	2
69	MP4B	Mx	.02	2
70	MP4B	X	101.273	6
71	MP4B	Z	58.47	6
72	MP4B	Mx	.02	6
73	MP4C	X	86.464	2
74	MP4C	Z	49.92	2
75	MP4C	Mx	.032	2
76	MP4C	X	86.464	6
77	MP4C	Z	49.92	6
78	MP4C	Mx	.032	6
79	MP2A	X	12.225	5
80	MP2A	Z	7.058	5
81	MP2A	Mx	.007	5
82	MP2B	X	16.638	5
83	MP2B	Z	9.606	5
84	MP2B	Mx	-.002	5
85	MP2C	X	13.758	5
86	MP2C	Z	7.943	5
87	MP2C	Mx	-.006	5
88	MP2A	X	49.914	2
89	MP2A	Z	28.818	2
90	MP2A	Mx	.027	2
91	MP2B	X	69.657	2
92	MP2B	Z	40.217	2
93	MP2B	Mx	-.007	2
94	MP2C	X	56.771	2
95	MP2C	Z	32.777	2
96	MP2C	Mx	-.025	2
97	MP3A	X	42.299	2
98	MP3A	Z	24.421	2
99	MP3A	Mx	.023	2
100	MP3B	X	69.397	2
101	MP3B	Z	40.066	2
102	MP3B	Mx	-.007	2
103	MP3C	X	51.71	2
104	MP3C	Z	29.855	2
105	MP3C	Mx	-.023	2
106	MP3C	X	21.825	5
107	MP3C	Z	12.601	5
108	MP3C	Mx	-.014	5
109	MP3C	X	21.825	6
110	MP3C	Z	12.601	6
111	MP3C	Mx	-.014	6
112	MP3C	X	21.825	5
113	MP3C	Z	12.601	5
114	MP3C	Mx	-.025	5
115	MP3C	X	21.825	6
116	MP3C	Z	12.601	6
117	MP3C	Mx	-.025	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	42.945	3
2	MP1A	Z	74.384	3
3	MP1A	Mx	-.021	3
4	MP1A	X	42.945	5
5	MP1A	Z	74.384	5
6	MP1A	Mx	-.021	5
7	MP1B	X	37.45	3
8	MP1B	Z	64.866	3
9	MP1B	Mx	-.024	3
10	MP1B	X	37.45	5
11	MP1B	Z	64.866	5
12	MP1B	Mx	-.024	5
13	MP1C	X	18.705	3
14	MP1C	Z	32.397	3
15	MP1C	Mx	.018	3
16	MP1C	X	18.705	5
17	MP1C	Z	32.397	5
18	MP1C	Mx	.018	5
19	OVP2	X	85.448	1
20	OVP2	Z	148	1
21	OVP2	Mx	0	1
22	OVP	X	85.448	1
23	OVP	Z	148	1
24	OVP	Mx	0	1
25	MP3A	X	109.127	1.5
26	MP3A	Z	189.013	1.5
27	MP3A	Mx	-.165	1.5
28	MP3A	X	109.127	6.5
29	MP3A	Z	189.013	6.5
30	MP3A	Mx	-.165	6.5
31	MP3B	X	102.442	1.5
32	MP3B	Z	177.434	1.5
33	MP3B	Mx	.026	1.5
34	MP3B	X	102.442	6.5
35	MP3B	Z	177.434	6.5
36	MP3B	Mx	.026	6.5
37	MP3C	X	79.636	1.5
38	MP3C	Z	137.933	1.5
39	MP3C	Mx	.062	1.5
40	MP3C	X	79.636	6.5
41	MP3C	Z	137.933	6.5
42	MP3C	Mx	.062	6.5
43	MP3A	X	109.127	1.5
44	MP3A	Z	189.013	1.5
45	MP3A	Mx	.056	1.5
46	MP3A	X	109.127	6.5
47	MP3A	Z	189.013	6.5
48	MP3A	Mx	.056	6.5
49	MP3B	X	102.442	1.5
50	MP3B	Z	177.434	1.5
51	MP3B	Mx	-.157	1.5
52	MP3B	X	102.442	6.5
53	MP3B	Z	177.434	6.5
54	MP3B	Mx	-.157	6.5
55	MP3C	X	79.636	1.5
56	MP3C	Z	137.933	1.5
57	MP3C	Mx	.095	1.5
58	MP3C	X	79.636	6.5
59	MP3C	Z	137.933	6.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
60	MP3C	Mx	.095	6.5
61	MP4A	X	44.907	2
62	MP4A	Z	77.782	2
63	MP4A	Mx	-.034	2
64	MP4A	X	44.907	6
65	MP4A	Z	77.782	6
66	MP4A	Mx	-.034	6
67	MP4B	X	60.976	2
68	MP4B	Z	105.614	2
69	MP4B	Mx	-.011	2
70	MP4B	X	60.976	6
71	MP4B	Z	105.614	6
72	MP4B	Mx	-.011	6
73	MP4C	X	36.358	2
74	MP4C	Z	62.973	2
75	MP4C	Mx	.034	2
76	MP4C	X	36.358	6
77	MP4C	Z	62.973	6
78	MP4C	Mx	.034	6
79	MP2A	X	8.462	5
80	MP2A	Z	14.656	5
81	MP2A	Mx	.005	5
82	MP2B	X	9.347	5
83	MP2B	Z	16.189	5
84	MP2B	Mx	.003	5
85	MP2C	X	6.799	5
86	MP2C	Z	11.776	5
87	MP2C	Mx	-.007	5
88	MP2A	X	35.097	2
89	MP2A	Z	60.791	2
90	MP2A	Mx	.023	2
91	MP2B	X	39.056	2
92	MP2B	Z	67.647	2
93	MP2B	Mx	.013	2
94	MP2C	X	27.657	2
95	MP2C	Z	47.904	2
96	MP2C	Mx	-.027	2
97	MP3A	X	33.04	2
98	MP3A	Z	57.227	2
99	MP3A	Mx	.021	2
100	MP3B	X	38.474	2
101	MP3B	Z	66.638	2
102	MP3B	Mx	.013	2
103	MP3C	X	22.828	2
104	MP3C	Z	39.54	2
105	MP3C	Mx	-.022	2
106	MP3C	X	12.615	5
107	MP3C	Z	21.85	5
108	MP3C	Mx	-.023	5
109	MP3C	X	12.615	6
110	MP3C	Z	21.85	6
111	MP3C	Mx	-.023	6
112	MP3C	X	12.615	5
113	MP3C	Z	21.85	5
114	MP3C	Mx	-.026	5
115	MP3C	X	12.615	6
116	MP3C	Z	21.85	6
117	MP3C	Mx	-.026	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	0	3
2	MP1A	Z	102.728	3
3	MP1A	Mx	0	3
4	MP1A	X	0	5
5	MP1A	Z	102.728	5
6	MP1A	Mx	0	5
7	MP1B	X	0	3
8	MP1B	Z	43.257	3
9	MP1B	Mx	-.02	3
10	MP1B	X	0	5
11	MP1B	Z	43.257	5
12	MP1B	Mx	-.02	5
13	MP1C	X	0	3
14	MP1C	Z	43.257	3
15	MP1C	Mx	.02	3
16	MP1C	X	0	5
17	MP1C	Z	43.257	5
18	MP1C	Mx	.02	5
19	OVP2	X	0	1
20	OVP2	Z	196.618	1
21	OVP2	Mx	0	1
22	OVP	X	0	1
23	OVP	Z	196.618	1
24	OVP	Mx	0	1
25	MP3A	X	0	1.5
26	MP3A	Z	238.738	1.5
27	MP3A	Mx	-.139	1.5
28	MP3A	X	0	6.5
29	MP3A	Z	238.738	6.5
30	MP3A	Mx	-.139	6.5
31	MP3B	X	0	1.5
32	MP3B	Z	166.385	1.5
33	MP3B	Mx	-.045	1.5
34	MP3B	X	0	6.5
35	MP3B	Z	166.385	6.5
36	MP3B	Mx	-.045	6.5
37	MP3C	X	0	1.5
38	MP3C	Z	166.385	1.5
39	MP3C	Mx	.111	1.5
40	MP3C	X	0	6.5
41	MP3C	Z	166.385	6.5
42	MP3C	Mx	.111	6.5
43	MP3A	X	0	1.5
44	MP3A	Z	238.738	1.5
45	MP3A	Mx	.139	1.5
46	MP3A	X	0	6.5
47	MP3A	Z	238.738	6.5
48	MP3A	Mx	.139	6.5
49	MP3B	X	0	1.5
50	MP3B	Z	166.385	1.5
51	MP3B	Mx	-.111	1.5
52	MP3B	X	0	6.5
53	MP3B	Z	166.385	6.5
54	MP3B	Mx	-.111	6.5
55	MP3C	X	0	1.5
56	MP3C	Z	166.385	1.5
57	MP3C	Mx	.045	1.5
58	MP3C	X	0	6.5
59	MP3C	Z	166.385	6.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
60	MP3C	Mx	.045	6.5
61	MP4A	X	0	2
62	MP4A	Z	116.94	2
63	MP4A	Mx	-.02	2
64	MP4A	X	0	6
65	MP4A	Z	116.94	6
66	MP4A	Mx	-.02	6
67	MP4B	X	0	2
68	MP4B	Z	99.84	2
69	MP4B	Mx	-.032	2
70	MP4B	X	0	6
71	MP4B	Z	99.84	6
72	MP4B	Mx	-.032	6
73	MP4C	X	0	2
74	MP4C	Z	67.703	2
75	MP4C	Mx	.033	2
76	MP4C	X	0	6
77	MP4C	Z	67.703	6
78	MP4C	Mx	.033	6
79	MP2A	X	0	5
80	MP2A	Z	19.212	5
81	MP2A	Mx	.002	5
82	MP2B	X	0	5
83	MP2B	Z	15.886	5
84	MP2B	Mx	.006	5
85	MP2C	X	0	5
86	MP2C	Z	14.117	5
87	MP2C	Mx	-.007	5
88	MP2A	X	0	2
89	MP2A	Z	80.433	2
90	MP2A	Mx	.007	2
91	MP2B	X	0	2
92	MP2B	Z	65.553	2
93	MP2B	Mx	.025	2
94	MP2C	X	0	2
95	MP2C	Z	57.636	2
96	MP2C	Mx	-.027	2
97	MP3A	X	0	2
98	MP3A	Z	80.133	2
99	MP3A	Mx	.007	2
100	MP3B	X	0	2
101	MP3B	Z	59.709	2
102	MP3B	Mx	.023	2
103	MP3C	X	0	2
104	MP3C	Z	48.842	2
105	MP3C	Mx	-.023	2
106	MP3C	X	0	5
107	MP3C	Z	25.224	5
108	MP3C	Mx	-.027	5
109	MP3C	X	0	6
110	MP3C	Z	25.224	6
111	MP3C	Mx	-.027	6
112	MP3C	X	0	5
113	MP3C	Z	25.224	5
114	MP3C	Mx	-.021	5
115	MP3C	X	0	6
116	MP3C	Z	25.224	6
117	MP3C	Mx	-.021	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-42.945	3
2	MP1A	Z	74.384	3
3	MP1A	Mx	.021	3
4	MP1A	X	-42.945	5
5	MP1A	Z	74.384	5
6	MP1A	Mx	.021	5
7	MP1B	X	-18.705	3
8	MP1B	Z	32.397	3
9	MP1B	Mx	-.018	3
10	MP1B	X	-18.705	5
11	MP1B	Z	32.397	5
12	MP1B	Mx	-.018	5
13	MP1C	X	-37.45	3
14	MP1C	Z	64.866	3
15	MP1C	Mx	.024	3
16	MP1C	X	-37.45	5
17	MP1C	Z	64.866	5
18	MP1C	Mx	.024	5
19	OVP2	X	-95.394	1
20	OVP2	Z	165.226	1
21	OVP2	Mx	0	1
22	OVP	X	-95.394	1
23	OVP	Z	165.226	1
24	OVP	Mx	0	1
25	MP3A	X	-109.127	1.5
26	MP3A	Z	189.013	1.5
27	MP3A	Mx	-.056	1.5
28	MP3A	X	-109.127	6.5
29	MP3A	Z	189.013	6.5
30	MP3A	Mx	-.056	6.5
31	MP3B	X	-79.636	1.5
32	MP3B	Z	137.933	1.5
33	MP3B	Mx	-.095	1.5
34	MP3B	X	-79.636	6.5
35	MP3B	Z	137.933	6.5
36	MP3B	Mx	-.095	6.5
37	MP3C	X	-102.442	1.5
38	MP3C	Z	177.434	1.5
39	MP3C	Mx	.157	1.5
40	MP3C	X	-102.442	6.5
41	MP3C	Z	177.434	6.5
42	MP3C	Mx	.157	6.5
43	MP3A	X	-109.127	1.5
44	MP3A	Z	189.013	1.5
45	MP3A	Mx	.165	1.5
46	MP3A	X	-109.127	6.5
47	MP3A	Z	189.013	6.5
48	MP3A	Mx	.165	6.5
49	MP3B	X	-79.636	1.5
50	MP3B	Z	137.933	1.5
51	MP3B	Mx	-.062	1.5
52	MP3B	X	-79.636	6.5
53	MP3B	Z	137.933	6.5
54	MP3B	Mx	-.062	6.5
55	MP3C	X	-102.442	1.5
56	MP3C	Z	177.434	1.5
57	MP3C	Mx	-.026	1.5
58	MP3C	X	-102.442	6.5
59	MP3C	Z	177.434	6.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
60	MP3C	Mx	-.026	6.5
61	MP4A	X	-60.976	2
62	MP4A	Z	105.614	2
63	MP4A	Mx	.011	2
64	MP4A	X	-60.976	6
65	MP4A	Z	105.614	6
66	MP4A	Mx	.011	6
67	MP4B	X	-36.358	2
68	MP4B	Z	62.973	2
69	MP4B	Mx	-.034	2
70	MP4B	X	-36.358	6
71	MP4B	Z	62.973	6
72	MP4B	Mx	-.034	6
73	MP4C	X	-44.907	2
74	MP4C	Z	77.782	2
75	MP4C	Mx	.034	2
76	MP4C	X	-44.907	6
77	MP4C	Z	77.782	6
78	MP4C	Mx	.034	6
79	MP2A	X	-9.347	5
80	MP2A	Z	16.189	5
81	MP2A	Mx	-.003	5
82	MP2B	X	-6.799	5
83	MP2B	Z	11.776	5
84	MP2B	Mx	.007	5
85	MP2C	X	-8.462	5
86	MP2C	Z	14.656	5
87	MP2C	Mx	-.005	5
88	MP2A	X	-39.056	2
89	MP2A	Z	67.647	2
90	MP2A	Mx	-.013	2
91	MP2B	X	-27.657	2
92	MP2B	Z	47.904	2
93	MP2B	Mx	.027	2
94	MP2C	X	-35.097	2
95	MP2C	Z	60.791	2
96	MP2C	Mx	-.023	2
97	MP3A	X	-38.474	2
98	MP3A	Z	66.638	2
99	MP3A	Mx	-.013	2
100	MP3B	X	-22.828	2
101	MP3B	Z	39.54	2
102	MP3B	Mx	.022	2
103	MP3C	X	-33.04	2
104	MP3C	Z	57.227	2
105	MP3C	Mx	-.021	2
106	MP3C	X	-12.594	5
107	MP3C	Z	21.814	5
108	MP3C	Mx	-.023	5
109	MP3C	X	-12.594	6
110	MP3C	Z	21.814	6
111	MP3C	Mx	-.023	6
112	MP3C	X	-12.594	5
113	MP3C	Z	21.814	5
114	MP3C	Mx	-.01	5
115	MP3C	X	-12.594	6
116	MP3C	Z	21.814	6
117	MP3C	Mx	-.01	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-45.22	3
2	MP1A	Z	26.108	3
3	MP1A	Mx	.023	3
4	MP1A	X	-45.22	5
5	MP1A	Z	26.108	5
6	MP1A	Mx	.023	5
7	MP1B	X	-54.738	3
8	MP1B	Z	31.603	3
9	MP1B	Mx	-.024	3
10	MP1B	X	-54.738	5
11	MP1B	Z	31.603	5
12	MP1B	Mx	-.024	5
13	MP1C	X	-87.207	3
14	MP1C	Z	50.349	3
15	MP1C	Mx	.009	3
16	MP1C	X	-87.207	5
17	MP1C	Z	50.349	5
18	MP1C	Mx	.009	5
19	OVP2	X	-137.9	1
20	OVP2	Z	79.617	1
21	OVP2	Mx	0	1
22	OVP	X	-137.9	1
23	OVP	Z	79.617	1
24	OVP	Mx	0	1
25	MP3A	X	-153.533	1.5
26	MP3A	Z	88.642	1.5
27	MP3A	Mx	.025	1.5
28	MP3A	X	-153.533	6.5
29	MP3A	Z	88.642	6.5
30	MP3A	Mx	.025	6.5
31	MP3B	X	-165.112	1.5
32	MP3B	Z	95.328	1.5
33	MP3B	Mx	-.145	1.5
34	MP3B	X	-165.112	6.5
35	MP3B	Z	95.328	6.5
36	MP3B	Mx	-.145	6.5
37	MP3C	X	-204.614	1.5
38	MP3C	Z	118.134	1.5
39	MP3C	Mx	.156	1.5
40	MP3C	X	-204.614	6.5
41	MP3C	Z	118.134	6.5
42	MP3C	Mx	.156	6.5
43	MP3A	X	-153.533	1.5
44	MP3A	Z	88.642	1.5
45	MP3A	Mx	.128	1.5
46	MP3A	X	-153.533	6.5
47	MP3A	Z	88.642	6.5
48	MP3A	Mx	.128	6.5
49	MP3B	X	-165.112	1.5
50	MP3B	Z	95.328	1.5
51	MP3B	Mx	-.002	1.5
52	MP3B	X	-165.112	6.5
53	MP3B	Z	95.328	6.5
54	MP3B	Mx	-.002	6.5
55	MP3C	X	-204.614	1.5
56	MP3C	Z	118.134	1.5
57	MP3C	Mx	-.115	1.5
58	MP3C	X	-204.614	6.5
59	MP3C	Z	118.134	6.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
60	MP3C	Mx	-.115	6.5
61	MP4A	X	-86.464	2
62	MP4A	Z	49.92	2
63	MP4A	Mx	.032	2
64	MP4A	X	-86.464	6
65	MP4A	Z	49.92	6
66	MP4A	Mx	.032	6
67	MP4B	X	-58.632	2
68	MP4B	Z	33.851	2
69	MP4B	Mx	-.033	2
70	MP4B	X	-58.632	6
71	MP4B	Z	33.851	6
72	MP4B	Mx	-.033	6
73	MP4C	X	-101.273	2
74	MP4C	Z	58.47	2
75	MP4C	Mx	.02	2
76	MP4C	X	-101.273	6
77	MP4C	Z	58.47	6
78	MP4C	Mx	.02	6
79	MP2A	X	-13.758	5
80	MP2A	Z	7.943	5
81	MP2A	Mx	-.006	5
82	MP2B	X	-12.225	5
83	MP2B	Z	7.058	5
84	MP2B	Mx	.007	5
85	MP2C	X	-16.638	5
86	MP2C	Z	9.606	5
87	MP2C	Mx	-.002	5
88	MP2A	X	-56.771	2
89	MP2A	Z	32.777	2
90	MP2A	Mx	-.025	2
91	MP2B	X	-49.914	2
92	MP2B	Z	28.818	2
93	MP2B	Mx	.027	2
94	MP2C	X	-69.657	2
95	MP2C	Z	40.217	2
96	MP2C	Mx	-.007	2
97	MP3A	X	-51.71	2
98	MP3A	Z	29.855	2
99	MP3A	Mx	-.023	2
100	MP3B	X	-42.299	2
101	MP3B	Z	24.421	2
102	MP3B	Mx	.023	2
103	MP3C	X	-69.397	2
104	MP3C	Z	40.066	2
105	MP3C	Mx	-.007	2
106	MP3C	X	-21.789	5
107	MP3C	Z	12.58	5
108	MP3C	Mx	-.013	5
109	MP3C	X	-21.789	6
110	MP3C	Z	12.58	6
111	MP3C	Mx	-.013	6
112	MP3C	X	-21.789	5
113	MP3C	Z	12.58	5
114	MP3C	Mx	.004	5
115	MP3C	X	-21.789	6
116	MP3C	Z	12.58	6
117	MP3C	Mx	.004	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-35.378	3
2	MP1A	Z	0	3
3	MP1A	Mx	.018	3
4	MP1A	X	-35.378	5
5	MP1A	Z	0	5
6	MP1A	Mx	.018	5
7	MP1B	X	-94.85	3
8	MP1B	Z	0	3
9	MP1B	Mx	-.016	3
10	MP1B	X	-94.85	5
11	MP1B	Z	0	5
12	MP1B	Mx	-.016	5
13	MP1C	X	-94.85	3
14	MP1C	Z	0	3
15	MP1C	Mx	-.016	3
16	MP1C	X	-94.85	5
17	MP1C	Z	0	5
18	MP1C	Mx	-.016	5
19	OVP2	X	-133.511	1
20	OVP2	Z	0	1
21	OVP2	Mx	0	1
22	OVP	X	-133.511	1
23	OVP	Z	0	1
24	OVP	Mx	0	1
25	MP3A	X	-156.8	1.5
26	MP3A	Z	0	1.5
27	MP3A	Mx	.078	1.5
28	MP3A	X	-156.8	6.5
29	MP3A	Z	0	6.5
30	MP3A	Mx	.078	6.5
31	MP3B	X	-229.153	1.5
32	MP3B	Z	0	1.5
33	MP3B	Mx	-.165	1.5
34	MP3B	X	-229.153	6.5
35	MP3B	Z	0	6.5
36	MP3B	Mx	-.165	6.5
37	MP3C	X	-229.153	1.5
38	MP3C	Z	0	1.5
39	MP3C	Mx	.086	1.5
40	MP3C	X	-229.153	6.5
41	MP3C	Z	0	6.5
42	MP3C	Mx	.086	6.5
43	MP3A	X	-156.8	1.5
44	MP3A	Z	0	1.5
45	MP3A	Mx	.078	1.5
46	MP3A	X	-156.8	6.5
47	MP3A	Z	0	6.5
48	MP3A	Mx	.078	6.5
49	MP3B	X	-229.153	1.5
50	MP3B	Z	0	1.5
51	MP3B	Mx	.086	1.5
52	MP3B	X	-229.153	6.5
53	MP3B	Z	0	6.5
54	MP3B	Mx	.086	6.5
55	MP3C	X	-229.153	1.5
56	MP3C	Z	0	1.5
57	MP3C	Mx	-.165	1.5
58	MP3C	X	-229.153	6.5
59	MP3C	Z	0	6.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
60	MP3C	Mx	-.165	6.5
61	MP4A	X	-72.715	2
62	MP4A	Z	0	2
63	MP4A	Mx	.034	2
64	MP4A	X	-72.715	6
65	MP4A	Z	0	6
66	MP4A	Mx	.034	6
67	MP4B	X	-89.815	2
68	MP4B	Z	0	2
69	MP4B	Mx	-.034	2
70	MP4B	X	-89.815	6
71	MP4B	Z	0	6
72	MP4B	Mx	-.034	6
73	MP4C	X	-121.952	2
74	MP4C	Z	0	2
75	MP4C	Mx	-.011	2
76	MP4C	X	-121.952	6
77	MP4C	Z	0	6
78	MP4C	Mx	-.011	6
79	MP2A	X	-13.598	5
80	MP2A	Z	0	5
81	MP2A	Mx	-.007	5
82	MP2B	X	-16.924	5
83	MP2B	Z	0	5
84	MP2B	Mx	.005	5
85	MP2C	X	-18.694	5
86	MP2C	Z	0	5
87	MP2C	Mx	.003	5
88	MP2A	X	-55.315	2
89	MP2A	Z	0	2
90	MP2A	Mx	-.027	2
91	MP2B	X	-70.195	2
92	MP2B	Z	0	2
93	MP2B	Mx	.023	2
94	MP2C	X	-78.112	2
95	MP2C	Z	0	2
96	MP2C	Mx	.013	2
97	MP3A	X	-45.657	2
98	MP3A	Z	0	2
99	MP3A	Mx	-.022	2
100	MP3B	X	-66.08	2
101	MP3B	Z	0	2
102	MP3B	Mx	.021	2
103	MP3C	X	-76.947	2
104	MP3C	Z	0	2
105	MP3C	Mx	.013	2
106	MP3C	X	-25.167	5
107	MP3C	Z	0	5
108	MP3C	Mx	.000725	5
109	MP3C	X	-25.167	6
110	MP3C	Z	0	6
111	MP3C	Mx	.000725	6
112	MP3C	X	-25.167	5
113	MP3C	Z	0	5
114	MP3C	Mx	.016	5
115	MP3C	X	-25.167	6
116	MP3C	Z	0	6
117	MP3C	Mx	.016	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-45.22	3
2	MP1A	Z	-26.108	3
3	MP1A	Mx	.023	3
4	MP1A	X	-45.22	5
5	MP1A	Z	-26.108	5
6	MP1A	Mx	.023	5
7	MP1B	X	-87.207	3
8	MP1B	Z	-50.349	3
9	MP1B	Mx	.009	3
10	MP1B	X	-87.207	5
11	MP1B	Z	-50.349	5
12	MP1B	Mx	.009	5
13	MP1C	X	-54.738	3
14	MP1C	Z	-31.603	3
15	MP1C	Mx	-.024	3
16	MP1C	X	-54.738	5
17	MP1C	Z	-31.603	5
18	MP1C	Mx	-.024	5
19	OVP2	X	-120.674	1
20	OVP2	Z	-69.671	1
21	OVP2	Mx	0	1
22	OVP	X	-120.674	1
23	OVP	Z	-69.671	1
24	OVP	Mx	0	1
25	MP3A	X	-153.533	1.5
26	MP3A	Z	-88.642	1.5
27	MP3A	Mx	.128	1.5
28	MP3A	X	-153.533	6.5
29	MP3A	Z	-88.642	6.5
30	MP3A	Mx	.128	6.5
31	MP3B	X	-204.614	1.5
32	MP3B	Z	-118.134	1.5
33	MP3B	Mx	-.115	1.5
34	MP3B	X	-204.614	6.5
35	MP3B	Z	-118.134	6.5
36	MP3B	Mx	-.115	6.5
37	MP3C	X	-165.112	1.5
38	MP3C	Z	-95.328	1.5
39	MP3C	Mx	-.002	1.5
40	MP3C	X	-165.112	6.5
41	MP3C	Z	-95.328	6.5
42	MP3C	Mx	-.002	6.5
43	MP3A	X	-153.533	1.5
44	MP3A	Z	-88.642	1.5
45	MP3A	Mx	.025	1.5
46	MP3A	X	-153.533	6.5
47	MP3A	Z	-88.642	6.5
48	MP3A	Mx	.025	6.5
49	MP3B	X	-204.614	1.5
50	MP3B	Z	-118.134	1.5
51	MP3B	Mx	.156	1.5
52	MP3B	X	-204.614	6.5
53	MP3B	Z	-118.134	6.5
54	MP3B	Mx	.156	6.5
55	MP3C	X	-165.112	1.5
56	MP3C	Z	-95.328	1.5
57	MP3C	Mx	-.145	1.5
58	MP3C	X	-165.112	6.5
59	MP3C	Z	-95.328	6.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
60	MP3C	Mx	-.145	6.5
61	MP4A	X	-58.632	2
62	MP4A	Z	-33.851	2
63	MP4A	Mx	.033	2
64	MP4A	X	-58.632	6
65	MP4A	Z	-33.851	6
66	MP4A	Mx	.033	6
67	MP4B	X	-101.273	2
68	MP4B	Z	-58.47	2
69	MP4B	Mx	-.02	2
70	MP4B	X	-101.273	6
71	MP4B	Z	-58.47	6
72	MP4B	Mx	-.02	6
73	MP4C	X	-86.464	2
74	MP4C	Z	-49.92	2
75	MP4C	Mx	-.032	2
76	MP4C	X	-86.464	6
77	MP4C	Z	-49.92	6
78	MP4C	Mx	-.032	6
79	MP2A	X	-12.225	5
80	MP2A	Z	-7.058	5
81	MP2A	Mx	-.007	5
82	MP2B	X	-16.638	5
83	MP2B	Z	-9.606	5
84	MP2B	Mx	.002	5
85	MP2C	X	-13.758	5
86	MP2C	Z	-7.943	5
87	MP2C	Mx	.006	5
88	MP2A	X	-49.914	2
89	MP2A	Z	-28.818	2
90	MP2A	Mx	-.027	2
91	MP2B	X	-69.657	2
92	MP2B	Z	-40.217	2
93	MP2B	Mx	.007	2
94	MP2C	X	-56.771	2
95	MP2C	Z	-32.777	2
96	MP2C	Mx	.025	2
97	MP3A	X	-42.299	2
98	MP3A	Z	-24.421	2
99	MP3A	Mx	-.023	2
100	MP3B	X	-69.397	2
101	MP3B	Z	-40.066	2
102	MP3B	Mx	.007	2
103	MP3C	X	-51.71	2
104	MP3C	Z	-29.855	2
105	MP3C	Mx	.023	2
106	MP3C	X	-21.825	5
107	MP3C	Z	-12.601	5
108	MP3C	Mx	.014	5
109	MP3C	X	-21.825	6
110	MP3C	Z	-12.601	6
111	MP3C	Mx	.014	6
112	MP3C	X	-21.825	5
113	MP3C	Z	-12.601	5
114	MP3C	Mx	.025	5
115	MP3C	X	-21.825	6
116	MP3C	Z	-12.601	6
117	MP3C	Mx	.025	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-42.945	3
2	MP1A	Z	-74.384	3
3	MP1A	Mx	.021	3
4	MP1A	X	-42.945	5
5	MP1A	Z	-74.384	5
6	MP1A	Mx	.021	5
7	MP1B	X	-37.45	3
8	MP1B	Z	-64.866	3
9	MP1B	Mx	.024	3
10	MP1B	X	-37.45	5
11	MP1B	Z	-64.866	5
12	MP1B	Mx	.024	5
13	MP1C	X	-18.705	3
14	MP1C	Z	-32.397	3
15	MP1C	Mx	-.018	3
16	MP1C	X	-18.705	5
17	MP1C	Z	-32.397	5
18	MP1C	Mx	-.018	5
19	OVP2	X	-85.448	1
20	OVP2	Z	-148	1
21	OVP2	Mx	0	1
22	OVP	X	-85.448	1
23	OVP	Z	-148	1
24	OVP	Mx	0	1
25	MP3A	X	-109.127	1.5
26	MP3A	Z	-189.013	1.5
27	MP3A	Mx	.165	1.5
28	MP3A	X	-109.127	6.5
29	MP3A	Z	-189.013	6.5
30	MP3A	Mx	.165	6.5
31	MP3B	X	-102.442	1.5
32	MP3B	Z	-177.434	1.5
33	MP3B	Mx	-.026	1.5
34	MP3B	X	-102.442	6.5
35	MP3B	Z	-177.434	6.5
36	MP3B	Mx	-.026	6.5
37	MP3C	X	-79.636	1.5
38	MP3C	Z	-137.933	1.5
39	MP3C	Mx	-.062	1.5
40	MP3C	X	-79.636	6.5
41	MP3C	Z	-137.933	6.5
42	MP3C	Mx	-.062	6.5
43	MP3A	X	-109.127	1.5
44	MP3A	Z	-189.013	1.5
45	MP3A	Mx	-.056	1.5
46	MP3A	X	-109.127	6.5
47	MP3A	Z	-189.013	6.5
48	MP3A	Mx	-.056	6.5
49	MP3B	X	-102.442	1.5
50	MP3B	Z	-177.434	1.5
51	MP3B	Mx	.157	1.5
52	MP3B	X	-102.442	6.5
53	MP3B	Z	-177.434	6.5
54	MP3B	Mx	.157	6.5
55	MP3C	X	-79.636	1.5
56	MP3C	Z	-137.933	1.5
57	MP3C	Mx	-.095	1.5
58	MP3C	X	-79.636	6.5
59	MP3C	Z	-137.933	6.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
60	MP3C	Mx	-.095	6.5
61	MP4A	X	-44.907	2
62	MP4A	Z	-77.782	2
63	MP4A	Mx	.034	2
64	MP4A	X	-44.907	6
65	MP4A	Z	-77.782	6
66	MP4A	Mx	.034	6
67	MP4B	X	-60.976	2
68	MP4B	Z	-105.614	2
69	MP4B	Mx	.011	2
70	MP4B	X	-60.976	6
71	MP4B	Z	-105.614	6
72	MP4B	Mx	.011	6
73	MP4C	X	-36.358	2
74	MP4C	Z	-62.973	2
75	MP4C	Mx	-.034	2
76	MP4C	X	-36.358	6
77	MP4C	Z	-62.973	6
78	MP4C	Mx	-.034	6
79	MP2A	X	-8.462	5
80	MP2A	Z	-14.656	5
81	MP2A	Mx	-.005	5
82	MP2B	X	-9.347	5
83	MP2B	Z	-16.189	5
84	MP2B	Mx	-.003	5
85	MP2C	X	-6.799	5
86	MP2C	Z	-11.776	5
87	MP2C	Mx	.007	5
88	MP2A	X	-35.097	2
89	MP2A	Z	-60.791	2
90	MP2A	Mx	-.023	2
91	MP2B	X	-39.056	2
92	MP2B	Z	-67.647	2
93	MP2B	Mx	-.013	2
94	MP2C	X	-27.657	2
95	MP2C	Z	-47.904	2
96	MP2C	Mx	.027	2
97	MP3A	X	-33.04	2
98	MP3A	Z	-57.227	2
99	MP3A	Mx	-.021	2
100	MP3B	X	-38.474	2
101	MP3B	Z	-66.638	2
102	MP3B	Mx	-.013	2
103	MP3C	X	-22.828	2
104	MP3C	Z	-39.54	2
105	MP3C	Mx	.022	2
106	MP3C	X	-12.615	5
107	MP3C	Z	-21.85	5
108	MP3C	Mx	.023	5
109	MP3C	X	-12.615	6
110	MP3C	Z	-21.85	6
111	MP3C	Mx	.023	6
112	MP3C	X	-12.615	5
113	MP3C	Z	-21.85	5
114	MP3C	Mx	.026	5
115	MP3C	X	-12.615	6
116	MP3C	Z	-21.85	6
117	MP3C	Mx	.026	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	0	3
2	MP1A	Z	-20.639	3
3	MP1A	Mx	0	3
4	MP1A	X	0	5
5	MP1A	Z	-20.639	5
6	MP1A	Mx	0	5
7	MP1B	X	0	3
8	MP1B	Z	-10.192	3
9	MP1B	Mx	.005	3
10	MP1B	X	0	5
11	MP1B	Z	-10.192	5
12	MP1B	Mx	.005	5
13	MP1C	X	0	3
14	MP1C	Z	-10.192	3
15	MP1C	Mx	-.005	3
16	MP1C	X	0	5
17	MP1C	Z	-10.192	5
18	MP1C	Mx	-.005	5
19	OVP2	X	0	1
20	OVP2	Z	-33.175	1
21	OVP2	Mx	0	1
22	OVP	X	0	1
23	OVP	Z	-33.175	1
24	OVP	Mx	0	1
25	MP3A	X	0	1.5
26	MP3A	Z	-38.78	1.5
27	MP3A	Mx	.023	1.5
28	MP3A	X	0	6.5
29	MP3A	Z	-38.78	6.5
30	MP3A	Mx	.023	6.5
31	MP3B	X	0	1.5
32	MP3B	Z	-27.915	1.5
33	MP3B	Mx	.008	1.5
34	MP3B	X	0	6.5
35	MP3B	Z	-27.915	6.5
36	MP3B	Mx	.008	6.5
37	MP3C	X	0	1.5
38	MP3C	Z	-27.915	1.5
39	MP3C	Mx	-.019	1.5
40	MP3C	X	0	6.5
41	MP3C	Z	-27.915	6.5
42	MP3C	Mx	-.019	6.5
43	MP3A	X	0	1.5
44	MP3A	Z	-38.78	1.5
45	MP3A	Mx	-.023	1.5
46	MP3A	X	0	6.5
47	MP3A	Z	-38.78	6.5
48	MP3A	Mx	-.023	6.5
49	MP3B	X	0	1.5
50	MP3B	Z	-27.915	1.5
51	MP3B	Mx	.019	1.5
52	MP3B	X	0	6.5
53	MP3B	Z	-27.915	6.5
54	MP3B	Mx	.019	6.5
55	MP3C	X	0	1.5
56	MP3C	Z	-27.915	1.5
57	MP3C	Mx	-.008	1.5
58	MP3C	X	0	6.5
59	MP3C	Z	-27.915	6.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
60	MP3C	Mx	-.008	6.5
61	MP4A	X	0	2
62	MP4A	Z	-19.679	2
63	MP4A	Mx	.003	2
64	MP4A	X	0	6
65	MP4A	Z	-19.679	6
66	MP4A	Mx	.003	6
67	MP4B	X	0	2
68	MP4B	Z	-17.079	2
69	MP4B	Mx	.005	2
70	MP4B	X	0	6
71	MP4B	Z	-17.079	6
72	MP4B	Mx	.005	6
73	MP4C	X	0	2
74	MP4C	Z	-12.193	2
75	MP4C	Mx	-.006	2
76	MP4C	X	0	6
77	MP4C	Z	-12.193	6
78	MP4C	Mx	-.006	6
79	MP2A	X	0	5
80	MP2A	Z	-4.215	5
81	MP2A	Mx	-.000366	5
82	MP2B	X	0	5
83	MP2B	Z	-3.627	5
84	MP2B	Mx	-.001	5
85	MP2C	X	0	5
86	MP2C	Z	-3.315	5
87	MP2C	Mx	.002	5
88	MP2A	X	0	2
89	MP2A	Z	-17.257	2
90	MP2A	Mx	-.001	2
91	MP2B	X	0	2
92	MP2B	Z	-14.312	2
93	MP2B	Mx	-.005	2
94	MP2C	X	0	2
95	MP2C	Z	-12.745	2
96	MP2C	Mx	.006	2
97	MP3A	X	0	2
98	MP3A	Z	-17.196	2
99	MP3A	Mx	-.001	2
100	MP3B	X	0	2
101	MP3B	Z	-13.132	2
102	MP3B	Mx	-.005	2
103	MP3C	X	0	2
104	MP3C	Z	-10.969	2
105	MP3C	Mx	.005	2
106	MP3C	X	0	5
107	MP3C	Z	-4.445	5
108	MP3C	Mx	.005	5
109	MP3C	X	0	6
110	MP3C	Z	-4.445	6
111	MP3C	Mx	.005	6
112	MP3C	X	0	5
113	MP3C	Z	-4.445	5
114	MP3C	Mx	.004	5
115	MP3C	X	0	6
116	MP3C	Z	-4.445	6
117	MP3C	Mx	.004	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	8.84	3
2	MP1A	Z	-15.312	3
3	MP1A	Mx	-.004	3
4	MP1A	X	8.84	5
5	MP1A	Z	-15.312	5
6	MP1A	Mx	-.004	5
7	MP1B	X	4.583	3
8	MP1B	Z	-7.937	3
9	MP1B	Mx	.005	3
10	MP1B	X	4.583	5
11	MP1B	Z	-7.937	5
12	MP1B	Mx	.005	5
13	MP1C	X	7.875	3
14	MP1C	Z	-13.64	3
15	MP1C	Mx	-.005	3
16	MP1C	X	7.875	5
17	MP1C	Z	-13.64	5
18	MP1C	Mx	-.005	5
19	OVP2	X	16.129	1
20	OVP2	Z	-27.936	1
21	OVP2	Mx	0	1
22	OVP	X	16.129	1
23	OVP	Z	-27.936	1
24	OVP	Mx	0	1
25	MP3A	X	17.852	1.5
26	MP3A	Z	-30.921	1.5
27	MP3A	Mx	.009	1.5
28	MP3A	X	17.852	6.5
29	MP3A	Z	-30.921	6.5
30	MP3A	Mx	.009	6.5
31	MP3B	X	13.423	1.5
32	MP3B	Z	-23.25	1.5
33	MP3B	Mx	.016	1.5
34	MP3B	X	13.423	6.5
35	MP3B	Z	-23.25	6.5
36	MP3B	Mx	.016	6.5
37	MP3C	X	16.848	1.5
38	MP3C	Z	-29.182	1.5
39	MP3C	Mx	-.026	1.5
40	MP3C	X	16.848	6.5
41	MP3C	Z	-29.182	6.5
42	MP3C	Mx	-.026	6.5
43	MP3A	X	17.852	1.5
44	MP3A	Z	-30.921	1.5
45	MP3A	Mx	-.027	1.5
46	MP3A	X	17.852	6.5
47	MP3A	Z	-30.921	6.5
48	MP3A	Mx	-.027	6.5
49	MP3B	X	13.423	1.5
50	MP3B	Z	-23.25	1.5
51	MP3B	Mx	.011	1.5
52	MP3B	X	13.423	6.5
53	MP3B	Z	-23.25	6.5
54	MP3B	Mx	.011	6.5
55	MP3C	X	16.848	1.5
56	MP3C	Z	-29.182	1.5
57	MP3C	Mx	.004	1.5
58	MP3C	X	16.848	6.5
59	MP3C	Z	-29.182	6.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
60	MP3C	Mx	.004	6.5
61	MP4A	X	10.22	2
62	MP4A	Z	-17.702	2
63	MP4A	Mx	-.002	2
64	MP4A	X	10.22	6
65	MP4A	Z	-17.702	6
66	MP4A	Mx	-.002	6
67	MP4B	X	6.477	2
68	MP4B	Z	-11.219	2
69	MP4B	Mx	.006	2
70	MP4B	X	6.477	6
71	MP4B	Z	-11.219	6
72	MP4B	Mx	.006	6
73	MP4C	X	7.777	2
74	MP4C	Z	-13.471	2
75	MP4C	Mx	-.006	2
76	MP4C	X	7.777	6
77	MP4C	Z	-13.471	6
78	MP4C	Mx	-.006	6
79	MP2A	X	2.061	5
80	MP2A	Z	-3.571	5
81	MP2A	Mx	.000705	5
82	MP2B	X	1.612	5
83	MP2B	Z	-2.791	5
84	MP2B	Mx	-.002	5
85	MP2C	X	1.905	5
86	MP2C	Z	-3.3	5
87	MP2C	Mx	.001	5
88	MP2A	X	8.399	2
89	MP2A	Z	-14.547	2
90	MP2A	Mx	.003	2
91	MP2B	X	6.143	2
92	MP2B	Z	-10.639	2
93	MP2B	Mx	-.006	2
94	MP2C	X	7.615	2
95	MP2C	Z	-13.19	2
96	MP2C	Mx	.005	2
97	MP3A	X	8.281	2
98	MP3A	Z	-14.343	2
99	MP3A	Mx	.003	2
100	MP3B	X	5.168	2
101	MP3B	Z	-8.951	2
102	MP3B	Mx	-.005	2
103	MP3C	X	7.2	2
104	MP3C	Z	-12.47	2
105	MP3C	Mx	.005	2
106	MP3C	X	1.523	5
107	MP3C	Z	-2.638	5
108	MP3C	Mx	.003	5
109	MP3C	X	1.523	6
110	MP3C	Z	-2.638	6
111	MP3C	Mx	.003	6
112	MP3C	X	1.523	5
113	MP3C	Z	-2.638	5
114	MP3C	Mx	.001	5
115	MP3C	X	1.523	6
116	MP3C	Z	-2.638	6
117	MP3C	Mx	.001	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	10.19	3
2	MP1A	Z	-5.883	3
3	MP1A	Mx	-.005	3
4	MP1A	X	10.19	5
5	MP1A	Z	-5.883	5
6	MP1A	Mx	-.005	5
7	MP1B	X	11.861	3
8	MP1B	Z	-6.848	3
9	MP1B	Mx	.005	3
10	MP1B	X	11.861	5
11	MP1B	Z	-6.848	5
12	MP1B	Mx	.005	5
13	MP1C	X	17.565	3
14	MP1C	Z	-10.141	3
15	MP1C	Mx	-.002	3
16	MP1C	X	17.565	5
17	MP1C	Z	-10.141	5
18	MP1C	Mx	-.002	5
19	OVP2	X	23.638	1
20	OVP2	Z	-13.647	1
21	OVP2	Mx	0	1
22	OVP	X	23.638	1
23	OVP	Z	-13.647	1
24	OVP	Mx	0	1
25	MP3A	X	25.593	1.5
26	MP3A	Z	-14.776	1.5
27	MP3A	Mx	-.004	1.5
28	MP3A	X	25.593	6.5
29	MP3A	Z	-14.776	6.5
30	MP3A	Mx	-.004	6.5
31	MP3B	X	27.331	1.5
32	MP3B	Z	-15.78	1.5
33	MP3B	Mx	.024	1.5
34	MP3B	X	27.331	6.5
35	MP3B	Z	-15.78	6.5
36	MP3B	Mx	.024	6.5
37	MP3C	X	33.263	1.5
38	MP3C	Z	-19.204	1.5
39	MP3C	Mx	-.025	1.5
40	MP3C	X	33.263	6.5
41	MP3C	Z	-19.204	6.5
42	MP3C	Mx	-.025	6.5
43	MP3A	X	25.593	1.5
44	MP3A	Z	-14.776	1.5
45	MP3A	Mx	-.021	1.5
46	MP3A	X	25.593	6.5
47	MP3A	Z	-14.776	6.5
48	MP3A	Mx	-.021	6.5
49	MP3B	X	27.331	1.5
50	MP3B	Z	-15.78	1.5
51	MP3B	Mx	.000255	1.5
52	MP3B	X	27.331	6.5
53	MP3B	Z	-15.78	6.5
54	MP3B	Mx	.000255	6.5
55	MP3C	X	33.263	1.5
56	MP3C	Z	-19.204	1.5
57	MP3C	Mx	.019	1.5
58	MP3C	X	33.263	6.5
59	MP3C	Z	-19.204	6.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
60	MP3C	Mx	.019	6.5
61	MP4A	X	14.791	2
62	MP4A	Z	-8.539	2
63	MP4A	Mx	-.005	2
64	MP4A	X	14.791	6
65	MP4A	Z	-8.539	6
66	MP4A	Mx	-.005	6
67	MP4B	X	10.559	2
68	MP4B	Z	-6.096	2
69	MP4B	Mx	.006	2
70	MP4B	X	10.559	6
71	MP4B	Z	-6.096	6
72	MP4B	Mx	.006	6
73	MP4C	X	17.042	2
74	MP4C	Z	-9.839	2
75	MP4C	Mx	-.003	2
76	MP4C	X	17.042	6
77	MP4C	Z	-9.839	6
78	MP4C	Mx	-.003	6
79	MP2A	X	3.141	5
80	MP2A	Z	-1.814	5
81	MP2A	Mx	.001	5
82	MP2B	X	2.871	5
83	MP2B	Z	-1.657	5
84	MP2B	Mx	-.002	5
85	MP2C	X	3.65	5
86	MP2C	Z	-2.107	5
87	MP2C	Mx	.000366	5
88	MP2A	X	12.394	2
89	MP2A	Z	-7.156	2
90	MP2A	Mx	.005	2
91	MP2B	X	11.037	2
92	MP2B	Z	-6.372	2
93	MP2B	Mx	-.006	2
94	MP2C	X	14.945	2
95	MP2C	Z	-8.628	2
96	MP2C	Mx	.001	2
97	MP3A	X	11.373	2
98	MP3A	Z	-6.566	2
99	MP3A	Mx	.005	2
100	MP3B	X	9.5	2
101	MP3B	Z	-5.485	2
102	MP3B	Mx	-.005	2
103	MP3C	X	14.892	2
104	MP3C	Z	-8.598	2
105	MP3C	Mx	.001	2
106	MP3C	X	1.649	5
107	MP3C	Z	-.952	5
108	MP3C	Mx	.000956	5
109	MP3C	X	1.649	6
110	MP3C	Z	-.952	6
111	MP3C	Mx	.000956	6
112	MP3C	X	1.649	5
113	MP3C	Z	-.952	5
114	MP3C	Mx	-.000294	5
115	MP3C	X	1.649	6
116	MP3C	Z	-.952	6
117	MP3C	Mx	-.000294	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	8.808	3
2	MP1A	Z	0	3
3	MP1A	Mx	-.004	3
4	MP1A	X	8.808	5
5	MP1A	Z	0	5
6	MP1A	Mx	-.004	5
7	MP1B	X	19.255	3
8	MP1B	Z	0	3
9	MP1B	Mx	.003	3
10	MP1B	X	19.255	5
11	MP1B	Z	0	5
12	MP1B	Mx	.003	5
13	MP1C	X	19.255	3
14	MP1C	Z	0	3
15	MP1C	Mx	.003	3
16	MP1C	X	19.255	5
17	MP1C	Z	0	5
18	MP1C	Mx	.003	5
19	OVP2	X	23.249	1
20	OVP2	Z	0	1
21	OVP2	Mx	0	1
22	OVP	X	23.249	1
23	OVP	Z	0	1
24	OVP	Mx	0	1
25	MP3A	X	26.476	1.5
26	MP3A	Z	0	1.5
27	MP3A	Mx	-.013	1.5
28	MP3A	X	26.476	6.5
29	MP3A	Z	0	6.5
30	MP3A	Mx	-.013	6.5
31	MP3B	X	37.341	1.5
32	MP3B	Z	0	1.5
33	MP3B	Mx	.027	1.5
34	MP3B	X	37.341	6.5
35	MP3B	Z	0	6.5
36	MP3B	Mx	.027	6.5
37	MP3C	X	37.341	1.5
38	MP3C	Z	0	1.5
39	MP3C	Mx	-.014	1.5
40	MP3C	X	37.341	6.5
41	MP3C	Z	0	6.5
42	MP3C	Mx	-.014	6.5
43	MP3A	X	26.476	1.5
44	MP3A	Z	0	1.5
45	MP3A	Mx	-.013	1.5
46	MP3A	X	26.476	6.5
47	MP3A	Z	0	6.5
48	MP3A	Mx	-.013	6.5
49	MP3B	X	37.341	1.5
50	MP3B	Z	0	1.5
51	MP3B	Mx	-.014	1.5
52	MP3B	X	37.341	6.5
53	MP3B	Z	0	6.5
54	MP3B	Mx	-.014	6.5
55	MP3C	X	37.341	1.5
56	MP3C	Z	0	1.5
57	MP3C	Mx	.027	1.5
58	MP3C	X	37.341	6.5
59	MP3C	Z	0	6.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
60	MP3C	Mx	.027	6.5
61	MP4A	X	12.955	2
62	MP4A	Z	0	2
63	MP4A	Mx	-.006	2
64	MP4A	X	12.955	6
65	MP4A	Z	0	6
66	MP4A	Mx	-.006	6
67	MP4B	X	15.555	2
68	MP4B	Z	0	2
69	MP4B	Mx	.006	2
70	MP4B	X	15.555	6
71	MP4B	Z	0	6
72	MP4B	Mx	.006	6
73	MP4C	X	20.441	2
74	MP4C	Z	0	2
75	MP4C	Mx	.002	2
76	MP4C	X	20.441	6
77	MP4C	Z	0	6
78	MP4C	Mx	.002	6
79	MP2A	X	3.223	5
80	MP2A	Z	0	5
81	MP2A	Mx	.002	5
82	MP2B	X	3.81	5
83	MP2B	Z	0	5
84	MP2B	Mx	-.001	5
85	MP2C	X	4.123	5
86	MP2C	Z	0	5
87	MP2C	Mx	-.000705	5
88	MP2A	X	12.285	2
89	MP2A	Z	0	2
90	MP2A	Mx	.006	2
91	MP2B	X	15.23	2
92	MP2B	Z	0	2
93	MP2B	Mx	-.005	2
94	MP2C	X	16.797	2
95	MP2C	Z	0	2
96	MP2C	Mx	-.003	2
97	MP3A	X	10.335	2
98	MP3A	Z	0	2
99	MP3A	Mx	.005	2
100	MP3B	X	14.4	2
101	MP3B	Z	0	2
102	MP3B	Mx	-.005	2
103	MP3C	X	16.562	2
104	MP3C	Z	0	2
105	MP3C	Mx	-.003	2
106	MP3C	X	2.163	5
107	MP3C	Z	0	5
108	MP3C	Mx	-6.2e-5	5
109	MP3C	X	2.163	6
110	MP3C	Z	0	6
111	MP3C	Mx	-6.2e-5	6
112	MP3C	X	2.163	5
113	MP3C	Z	0	5
114	MP3C	Mx	-.001	5
115	MP3C	X	2.163	6
116	MP3C	Z	0	6
117	MP3C	Mx	-.001	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	10.19	3
2	MP1A	Z	5.883	3
3	MP1A	Mx	-.005	3
4	MP1A	X	10.19	5
5	MP1A	Z	5.883	5
6	MP1A	Mx	-.005	5
7	MP1B	X	17.565	3
8	MP1B	Z	10.141	3
9	MP1B	Mx	-.002	3
10	MP1B	X	17.565	5
11	MP1B	Z	10.141	5
12	MP1B	Mx	-.002	5
13	MP1C	X	11.861	3
14	MP1C	Z	6.848	3
15	MP1C	Mx	.005	3
16	MP1C	X	11.861	5
17	MP1C	Z	6.848	5
18	MP1C	Mx	.005	5
19	OVP2	X	20.928	1
20	OVP2	Z	12.083	1
21	OVP2	Mx	0	1
22	OVP	X	20.928	1
23	OVP	Z	12.083	1
24	OVP	Mx	0	1
25	MP3A	X	25.593	1.5
26	MP3A	Z	14.776	1.5
27	MP3A	Mx	-.021	1.5
28	MP3A	X	25.593	6.5
29	MP3A	Z	14.776	6.5
30	MP3A	Mx	-.021	6.5
31	MP3B	X	33.263	1.5
32	MP3B	Z	19.204	1.5
33	MP3B	Mx	.019	1.5
34	MP3B	X	33.263	6.5
35	MP3B	Z	19.204	6.5
36	MP3B	Mx	.019	6.5
37	MP3C	X	27.331	1.5
38	MP3C	Z	15.78	1.5
39	MP3C	Mx	.000255	1.5
40	MP3C	X	27.331	6.5
41	MP3C	Z	15.78	6.5
42	MP3C	Mx	.000255	6.5
43	MP3A	X	25.593	1.5
44	MP3A	Z	14.776	1.5
45	MP3A	Mx	-.004	1.5
46	MP3A	X	25.593	6.5
47	MP3A	Z	14.776	6.5
48	MP3A	Mx	-.004	6.5
49	MP3B	X	33.263	1.5
50	MP3B	Z	19.204	1.5
51	MP3B	Mx	-.025	1.5
52	MP3B	X	33.263	6.5
53	MP3B	Z	19.204	6.5
54	MP3B	Mx	-.025	6.5
55	MP3C	X	27.331	1.5
56	MP3C	Z	15.78	1.5
57	MP3C	Mx	.024	1.5
58	MP3C	X	27.331	6.5
59	MP3C	Z	15.78	6.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
60	MP3C	Mx	.024	6.5
61	MP4A	X	10.559	2
62	MP4A	Z	6.096	2
63	MP4A	Mx	-.006	2
64	MP4A	X	10.559	6
65	MP4A	Z	6.096	6
66	MP4A	Mx	-.006	6
67	MP4B	X	17.042	2
68	MP4B	Z	9.839	2
69	MP4B	Mx	.003	2
70	MP4B	X	17.042	6
71	MP4B	Z	9.839	6
72	MP4B	Mx	.003	6
73	MP4C	X	14.791	2
74	MP4C	Z	8.539	2
75	MP4C	Mx	.005	2
76	MP4C	X	14.791	6
77	MP4C	Z	8.539	6
78	MP4C	Mx	.005	6
79	MP2A	X	2.871	5
80	MP2A	Z	1.657	5
81	MP2A	Mx	.002	5
82	MP2B	X	3.65	5
83	MP2B	Z	2.107	5
84	MP2B	Mx	-.000366	5
85	MP2C	X	3.141	5
86	MP2C	Z	1.814	5
87	MP2C	Mx	-.001	5
88	MP2A	X	11.037	2
89	MP2A	Z	6.372	2
90	MP2A	Mx	.006	2
91	MP2B	X	14.945	2
92	MP2B	Z	8.628	2
93	MP2B	Mx	-.001	2
94	MP2C	X	12.394	2
95	MP2C	Z	7.156	2
96	MP2C	Mx	-.005	2
97	MP3A	X	9.5	2
98	MP3A	Z	5.485	2
99	MP3A	Mx	.005	2
100	MP3B	X	14.892	2
101	MP3B	Z	8.598	2
102	MP3B	Mx	-.001	2
103	MP3C	X	11.373	2
104	MP3C	Z	6.566	2
105	MP3C	Mx	-.005	2
106	MP3C	X	3.086	5
107	MP3C	Z	1.781	5
108	MP3C	Mx	-.002	5
109	MP3C	X	3.086	6
110	MP3C	Z	1.781	6
111	MP3C	Mx	-.002	6
112	MP3C	X	3.086	5
113	MP3C	Z	1.781	5
114	MP3C	Mx	-.003	5
115	MP3C	X	3.086	6
116	MP3C	Z	1.781	6
117	MP3C	Mx	-.003	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	8.84	3
2	MP1A	Z	15.312	3
3	MP1A	Mx	-.004	3
4	MP1A	X	8.84	5
5	MP1A	Z	15.312	5
6	MP1A	Mx	-.004	5
7	MP1B	X	7.875	3
8	MP1B	Z	13.64	3
9	MP1B	Mx	-.005	3
10	MP1B	X	7.875	5
11	MP1B	Z	13.64	5
12	MP1B	Mx	-.005	5
13	MP1C	X	4.583	3
14	MP1C	Z	7.937	3
15	MP1C	Mx	.005	3
16	MP1C	X	4.583	5
17	MP1C	Z	7.937	5
18	MP1C	Mx	.005	5
19	OVP2	X	14.565	1
20	OVP2	Z	25.226	1
21	OVP2	Mx	0	1
22	OVP	X	14.565	1
23	OVP	Z	25.226	1
24	OVP	Mx	0	1
25	MP3A	X	17.852	1.5
26	MP3A	Z	30.921	1.5
27	MP3A	Mx	-.027	1.5
28	MP3A	X	17.852	6.5
29	MP3A	Z	30.921	6.5
30	MP3A	Mx	-.027	6.5
31	MP3B	X	16.848	1.5
32	MP3B	Z	29.182	1.5
33	MP3B	Mx	.004	1.5
34	MP3B	X	16.848	6.5
35	MP3B	Z	29.182	6.5
36	MP3B	Mx	.004	6.5
37	MP3C	X	13.423	1.5
38	MP3C	Z	23.25	1.5
39	MP3C	Mx	.011	1.5
40	MP3C	X	13.423	6.5
41	MP3C	Z	23.25	6.5
42	MP3C	Mx	.011	6.5
43	MP3A	X	17.852	1.5
44	MP3A	Z	30.921	1.5
45	MP3A	Mx	.009	1.5
46	MP3A	X	17.852	6.5
47	MP3A	Z	30.921	6.5
48	MP3A	Mx	.009	6.5
49	MP3B	X	16.848	1.5
50	MP3B	Z	29.182	1.5
51	MP3B	Mx	-.026	1.5
52	MP3B	X	16.848	6.5
53	MP3B	Z	29.182	6.5
54	MP3B	Mx	-.026	6.5
55	MP3C	X	13.423	1.5
56	MP3C	Z	23.25	1.5
57	MP3C	Mx	.016	1.5
58	MP3C	X	13.423	6.5
59	MP3C	Z	23.25	6.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
60	MP3C	Mx	.016	6.5
61	MP4A	X	7.777	2
62	MP4A	Z	13.471	2
63	MP4A	Mx	-.006	2
64	MP4A	X	7.777	6
65	MP4A	Z	13.471	6
66	MP4A	Mx	-.006	6
67	MP4B	X	10.22	2
68	MP4B	Z	17.702	2
69	MP4B	Mx	-.002	2
70	MP4B	X	10.22	6
71	MP4B	Z	17.702	6
72	MP4B	Mx	-.002	6
73	MP4C	X	6.477	2
74	MP4C	Z	11.219	2
75	MP4C	Mx	.006	2
76	MP4C	X	6.477	6
77	MP4C	Z	11.219	6
78	MP4C	Mx	.006	6
79	MP2A	X	1.905	5
80	MP2A	Z	3.3	5
81	MP2A	Mx	.001	5
82	MP2B	X	2.061	5
83	MP2B	Z	3.571	5
84	MP2B	Mx	.000705	5
85	MP2C	X	1.612	5
86	MP2C	Z	2.791	5
87	MP2C	Mx	-.002	5
88	MP2A	X	7.615	2
89	MP2A	Z	13.19	2
90	MP2A	Mx	.005	2
91	MP2B	X	8.399	2
92	MP2B	Z	14.547	2
93	MP2B	Mx	.003	2
94	MP2C	X	6.143	2
95	MP2C	Z	10.639	2
96	MP2C	Mx	-.006	2
97	MP3A	X	7.2	2
98	MP3A	Z	12.47	2
99	MP3A	Mx	.005	2
100	MP3B	X	8.281	2
101	MP3B	Z	14.343	2
102	MP3B	Mx	.003	2
103	MP3C	X	5.168	2
104	MP3C	Z	8.951	2
105	MP3C	Mx	-.005	2
106	MP3C	X	2.352	5
107	MP3C	Z	4.074	5
108	MP3C	Mx	-.004	5
109	MP3C	X	2.352	6
110	MP3C	Z	4.074	6
111	MP3C	Mx	-.004	6
112	MP3C	X	2.352	5
113	MP3C	Z	4.074	5
114	MP3C	Mx	-.005	5
115	MP3C	X	2.352	6
116	MP3C	Z	4.074	6
117	MP3C	Mx	-.005	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	0	3
2	MP1A	Z	20.639	3
3	MP1A	Mx	0	3
4	MP1A	X	0	5
5	MP1A	Z	20.639	5
6	MP1A	Mx	0	5
7	MP1B	X	0	3
8	MP1B	Z	10.192	3
9	MP1B	Mx	-.005	3
10	MP1B	X	0	5
11	MP1B	Z	10.192	5
12	MP1B	Mx	-.005	5
13	MP1C	X	0	3
14	MP1C	Z	10.192	3
15	MP1C	Mx	.005	3
16	MP1C	X	0	5
17	MP1C	Z	10.192	5
18	MP1C	Mx	.005	5
19	OVP2	X	0	1
20	OVP2	Z	33.175	1
21	OVP2	Mx	0	1
22	OVP	X	0	1
23	OVP	Z	33.175	1
24	OVP	Mx	0	1
25	MP3A	X	0	1.5
26	MP3A	Z	38.78	1.5
27	MP3A	Mx	-.023	1.5
28	MP3A	X	0	6.5
29	MP3A	Z	38.78	6.5
30	MP3A	Mx	-.023	6.5
31	MP3B	X	0	1.5
32	MP3B	Z	27.915	1.5
33	MP3B	Mx	-.008	1.5
34	MP3B	X	0	6.5
35	MP3B	Z	27.915	6.5
36	MP3B	Mx	-.008	6.5
37	MP3C	X	0	1.5
38	MP3C	Z	27.915	1.5
39	MP3C	Mx	.019	1.5
40	MP3C	X	0	6.5
41	MP3C	Z	27.915	6.5
42	MP3C	Mx	.019	6.5
43	MP3A	X	0	1.5
44	MP3A	Z	38.78	1.5
45	MP3A	Mx	.023	1.5
46	MP3A	X	0	6.5
47	MP3A	Z	38.78	6.5
48	MP3A	Mx	.023	6.5
49	MP3B	X	0	1.5
50	MP3B	Z	27.915	1.5
51	MP3B	Mx	-.019	1.5
52	MP3B	X	0	6.5
53	MP3B	Z	27.915	6.5
54	MP3B	Mx	-.019	6.5
55	MP3C	X	0	1.5
56	MP3C	Z	27.915	1.5
57	MP3C	Mx	.008	1.5
58	MP3C	X	0	6.5
59	MP3C	Z	27.915	6.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
60	MP3C	Mx	.008	6.5
61	MP4A	X	0	2
62	MP4A	Z	19.679	2
63	MP4A	Mx	-.003	2
64	MP4A	X	0	6
65	MP4A	Z	19.679	6
66	MP4A	Mx	-.003	6
67	MP4B	X	0	2
68	MP4B	Z	17.079	2
69	MP4B	Mx	-.005	2
70	MP4B	X	0	6
71	MP4B	Z	17.079	6
72	MP4B	Mx	-.005	6
73	MP4C	X	0	2
74	MP4C	Z	12.193	2
75	MP4C	Mx	.006	2
76	MP4C	X	0	6
77	MP4C	Z	12.193	6
78	MP4C	Mx	.006	6
79	MP2A	X	0	5
80	MP2A	Z	4.215	5
81	MP2A	Mx	.000366	5
82	MP2B	X	0	5
83	MP2B	Z	3.627	5
84	MP2B	Mx	.001	5
85	MP2C	X	0	5
86	MP2C	Z	3.315	5
87	MP2C	Mx	-.002	5
88	MP2A	X	0	2
89	MP2A	Z	17.257	2
90	MP2A	Mx	.001	2
91	MP2B	X	0	2
92	MP2B	Z	14.312	2
93	MP2B	Mx	.005	2
94	MP2C	X	0	2
95	MP2C	Z	12.745	2
96	MP2C	Mx	-.006	2
97	MP3A	X	0	2
98	MP3A	Z	17.196	2
99	MP3A	Mx	.001	2
100	MP3B	X	0	2
101	MP3B	Z	13.132	2
102	MP3B	Mx	.005	2
103	MP3C	X	0	2
104	MP3C	Z	10.969	2
105	MP3C	Mx	-.005	2
106	MP3C	X	0	5
107	MP3C	Z	4.445	5
108	MP3C	Mx	-.005	5
109	MP3C	X	0	6
110	MP3C	Z	4.445	6
111	MP3C	Mx	-.005	6
112	MP3C	X	0	5
113	MP3C	Z	4.445	5
114	MP3C	Mx	-.004	5
115	MP3C	X	0	6
116	MP3C	Z	4.445	6
117	MP3C	Mx	-.004	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-8.84	3
2	MP1A	Z	15.312	3
3	MP1A	Mx	.004	3
4	MP1A	X	-8.84	5
5	MP1A	Z	15.312	5
6	MP1A	Mx	.004	5
7	MP1B	X	-4.583	3
8	MP1B	Z	7.937	3
9	MP1B	Mx	-.005	3
10	MP1B	X	-4.583	5
11	MP1B	Z	7.937	5
12	MP1B	Mx	-.005	5
13	MP1C	X	-7.875	3
14	MP1C	Z	13.64	3
15	MP1C	Mx	.005	3
16	MP1C	X	-7.875	5
17	MP1C	Z	13.64	5
18	MP1C	Mx	.005	5
19	OVP2	X	-16.129	1
20	OVP2	Z	27.936	1
21	OVP2	Mx	0	1
22	OVP	X	-16.129	1
23	OVP	Z	27.936	1
24	OVP	Mx	0	1
25	MP3A	X	-17.852	1.5
26	MP3A	Z	30.921	1.5
27	MP3A	Mx	-.009	1.5
28	MP3A	X	-17.852	6.5
29	MP3A	Z	30.921	6.5
30	MP3A	Mx	-.009	6.5
31	MP3B	X	-13.423	1.5
32	MP3B	Z	23.25	1.5
33	MP3B	Mx	-.016	1.5
34	MP3B	X	-13.423	6.5
35	MP3B	Z	23.25	6.5
36	MP3B	Mx	-.016	6.5
37	MP3C	X	-16.848	1.5
38	MP3C	Z	29.182	1.5
39	MP3C	Mx	.026	1.5
40	MP3C	X	-16.848	6.5
41	MP3C	Z	29.182	6.5
42	MP3C	Mx	.026	6.5
43	MP3A	X	-17.852	1.5
44	MP3A	Z	30.921	1.5
45	MP3A	Mx	.027	1.5
46	MP3A	X	-17.852	6.5
47	MP3A	Z	30.921	6.5
48	MP3A	Mx	.027	6.5
49	MP3B	X	-13.423	1.5
50	MP3B	Z	23.25	1.5
51	MP3B	Mx	-.011	1.5
52	MP3B	X	-13.423	6.5
53	MP3B	Z	23.25	6.5
54	MP3B	Mx	-.011	6.5
55	MP3C	X	-16.848	1.5
56	MP3C	Z	29.182	1.5
57	MP3C	Mx	-.004	1.5
58	MP3C	X	-16.848	6.5
59	MP3C	Z	29.182	6.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
60	MP3C	Mx	-.004	6.5
61	MP4A	X	-10.22	2
62	MP4A	Z	17.702	2
63	MP4A	Mx	.002	2
64	MP4A	X	-10.22	6
65	MP4A	Z	17.702	6
66	MP4A	Mx	.002	6
67	MP4B	X	-6.477	2
68	MP4B	Z	11.219	2
69	MP4B	Mx	-.006	2
70	MP4B	X	-6.477	6
71	MP4B	Z	11.219	6
72	MP4B	Mx	-.006	6
73	MP4C	X	-7.777	2
74	MP4C	Z	13.471	2
75	MP4C	Mx	.006	2
76	MP4C	X	-7.777	6
77	MP4C	Z	13.471	6
78	MP4C	Mx	.006	6
79	MP2A	X	-2.061	5
80	MP2A	Z	3.571	5
81	MP2A	Mx	-.000705	5
82	MP2B	X	-1.612	5
83	MP2B	Z	2.791	5
84	MP2B	Mx	.002	5
85	MP2C	X	-1.905	5
86	MP2C	Z	3.3	5
87	MP2C	Mx	-.001	5
88	MP2A	X	-8.399	2
89	MP2A	Z	14.547	2
90	MP2A	Mx	-.003	2
91	MP2B	X	-6.143	2
92	MP2B	Z	10.639	2
93	MP2B	Mx	.006	2
94	MP2C	X	-7.615	2
95	MP2C	Z	13.19	2
96	MP2C	Mx	-.005	2
97	MP3A	X	-8.281	2
98	MP3A	Z	14.343	2
99	MP3A	Mx	-.003	2
100	MP3B	X	-5.168	2
101	MP3B	Z	8.951	2
102	MP3B	Mx	.005	2
103	MP3C	X	-7.2	2
104	MP3C	Z	12.47	2
105	MP3C	Mx	-.005	2
106	MP3C	X	-1.523	5
107	MP3C	Z	2.638	5
108	MP3C	Mx	-.003	5
109	MP3C	X	-1.523	6
110	MP3C	Z	2.638	6
111	MP3C	Mx	-.003	6
112	MP3C	X	-1.523	5
113	MP3C	Z	2.638	5
114	MP3C	Mx	-.001	5
115	MP3C	X	-1.523	6
116	MP3C	Z	2.638	6
117	MP3C	Mx	-.001	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-10.19	3
2	MP1A	Z	5.883	3
3	MP1A	Mx	.005	3
4	MP1A	X	-10.19	5
5	MP1A	Z	5.883	5
6	MP1A	Mx	.005	5
7	MP1B	X	-11.861	3
8	MP1B	Z	6.848	3
9	MP1B	Mx	-.005	3
10	MP1B	X	-11.861	5
11	MP1B	Z	6.848	5
12	MP1B	Mx	-.005	5
13	MP1C	X	-17.565	3
14	MP1C	Z	10.141	3
15	MP1C	Mx	.002	3
16	MP1C	X	-17.565	5
17	MP1C	Z	10.141	5
18	MP1C	Mx	.002	5
19	OVP2	X	-23.638	1
20	OVP2	Z	13.647	1
21	OVP2	Mx	0	1
22	OVP	X	-23.638	1
23	OVP	Z	13.647	1
24	OVP	Mx	0	1
25	MP3A	X	-25.593	1.5
26	MP3A	Z	14.776	1.5
27	MP3A	Mx	.004	1.5
28	MP3A	X	-25.593	6.5
29	MP3A	Z	14.776	6.5
30	MP3A	Mx	.004	6.5
31	MP3B	X	-27.331	1.5
32	MP3B	Z	15.78	1.5
33	MP3B	Mx	-.024	1.5
34	MP3B	X	-27.331	6.5
35	MP3B	Z	15.78	6.5
36	MP3B	Mx	-.024	6.5
37	MP3C	X	-33.263	1.5
38	MP3C	Z	19.204	1.5
39	MP3C	Mx	.025	1.5
40	MP3C	X	-33.263	6.5
41	MP3C	Z	19.204	6.5
42	MP3C	Mx	.025	6.5
43	MP3A	X	-25.593	1.5
44	MP3A	Z	14.776	1.5
45	MP3A	Mx	.021	1.5
46	MP3A	X	-25.593	6.5
47	MP3A	Z	14.776	6.5
48	MP3A	Mx	.021	6.5
49	MP3B	X	-27.331	1.5
50	MP3B	Z	15.78	1.5
51	MP3B	Mx	-.000255	1.5
52	MP3B	X	-27.331	6.5
53	MP3B	Z	15.78	6.5
54	MP3B	Mx	-.000255	6.5
55	MP3C	X	-33.263	1.5
56	MP3C	Z	19.204	1.5
57	MP3C	Mx	-.019	1.5
58	MP3C	X	-33.263	6.5
59	MP3C	Z	19.204	6.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
60	MP3C	Mx	-.019	6.5
61	MP4A	X	-14.791	2
62	MP4A	Z	8.539	2
63	MP4A	Mx	.005	2
64	MP4A	X	-14.791	6
65	MP4A	Z	8.539	6
66	MP4A	Mx	.005	6
67	MP4B	X	-10.559	2
68	MP4B	Z	6.096	2
69	MP4B	Mx	-.006	2
70	MP4B	X	-10.559	6
71	MP4B	Z	6.096	6
72	MP4B	Mx	-.006	6
73	MP4C	X	-17.042	2
74	MP4C	Z	9.839	2
75	MP4C	Mx	.003	2
76	MP4C	X	-17.042	6
77	MP4C	Z	9.839	6
78	MP4C	Mx	.003	6
79	MP2A	X	-3.141	5
80	MP2A	Z	1.814	5
81	MP2A	Mx	-.001	5
82	MP2B	X	-2.871	5
83	MP2B	Z	1.657	5
84	MP2B	Mx	.002	5
85	MP2C	X	-3.65	5
86	MP2C	Z	2.107	5
87	MP2C	Mx	-.000366	5
88	MP2A	X	-12.394	2
89	MP2A	Z	7.156	2
90	MP2A	Mx	-.005	2
91	MP2B	X	-11.037	2
92	MP2B	Z	6.372	2
93	MP2B	Mx	.006	2
94	MP2C	X	-14.945	2
95	MP2C	Z	8.628	2
96	MP2C	Mx	-.001	2
97	MP3A	X	-11.373	2
98	MP3A	Z	6.566	2
99	MP3A	Mx	-.005	2
100	MP3B	X	-9.5	2
101	MP3B	Z	5.485	2
102	MP3B	Mx	.005	2
103	MP3C	X	-14.892	2
104	MP3C	Z	8.598	2
105	MP3C	Mx	-.001	2
106	MP3C	X	-1.649	5
107	MP3C	Z	.952	5
108	MP3C	Mx	-.000956	5
109	MP3C	X	-1.649	6
110	MP3C	Z	.952	6
111	MP3C	Mx	-.000956	6
112	MP3C	X	-1.649	5
113	MP3C	Z	.952	5
114	MP3C	Mx	.000294	5
115	MP3C	X	-1.649	6
116	MP3C	Z	.952	6
117	MP3C	Mx	.000294	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-8.808	3
2	MP1A	Z	0	3
3	MP1A	Mx	.004	3
4	MP1A	X	-8.808	5
5	MP1A	Z	0	5
6	MP1A	Mx	.004	5
7	MP1B	X	-19.255	3
8	MP1B	Z	0	3
9	MP1B	Mx	-.003	3
10	MP1B	X	-19.255	5
11	MP1B	Z	0	5
12	MP1B	Mx	-.003	5
13	MP1C	X	-19.255	3
14	MP1C	Z	0	3
15	MP1C	Mx	-.003	3
16	MP1C	X	-19.255	5
17	MP1C	Z	0	5
18	MP1C	Mx	-.003	5
19	OVP2	X	-23.249	1
20	OVP2	Z	0	1
21	OVP2	Mx	0	1
22	OVP	X	-23.249	1
23	OVP	Z	0	1
24	OVP	Mx	0	1
25	MP3A	X	-26.476	1.5
26	MP3A	Z	0	1.5
27	MP3A	Mx	.013	1.5
28	MP3A	X	-26.476	6.5
29	MP3A	Z	0	6.5
30	MP3A	Mx	.013	6.5
31	MP3B	X	-37.341	1.5
32	MP3B	Z	0	1.5
33	MP3B	Mx	-.027	1.5
34	MP3B	X	-37.341	6.5
35	MP3B	Z	0	6.5
36	MP3B	Mx	-.027	6.5
37	MP3C	X	-37.341	1.5
38	MP3C	Z	0	1.5
39	MP3C	Mx	.014	1.5
40	MP3C	X	-37.341	6.5
41	MP3C	Z	0	6.5
42	MP3C	Mx	.014	6.5
43	MP3A	X	-26.476	1.5
44	MP3A	Z	0	1.5
45	MP3A	Mx	.013	1.5
46	MP3A	X	-26.476	6.5
47	MP3A	Z	0	6.5
48	MP3A	Mx	.013	6.5
49	MP3B	X	-37.341	1.5
50	MP3B	Z	0	1.5
51	MP3B	Mx	.014	1.5
52	MP3B	X	-37.341	6.5
53	MP3B	Z	0	6.5
54	MP3B	Mx	.014	6.5
55	MP3C	X	-37.341	1.5
56	MP3C	Z	0	1.5
57	MP3C	Mx	-.027	1.5
58	MP3C	X	-37.341	6.5
59	MP3C	Z	0	6.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
60	MP3C	Mx	-.027	6.5
61	MP4A	X	-12.955	2
62	MP4A	Z	0	2
63	MP4A	Mx	.006	2
64	MP4A	X	-12.955	6
65	MP4A	Z	0	6
66	MP4A	Mx	.006	6
67	MP4B	X	-15.555	2
68	MP4B	Z	0	2
69	MP4B	Mx	-.006	2
70	MP4B	X	-15.555	6
71	MP4B	Z	0	6
72	MP4B	Mx	-.006	6
73	MP4C	X	-20.441	2
74	MP4C	Z	0	2
75	MP4C	Mx	-.002	2
76	MP4C	X	-20.441	6
77	MP4C	Z	0	6
78	MP4C	Mx	-.002	6
79	MP2A	X	-3.223	5
80	MP2A	Z	0	5
81	MP2A	Mx	-.002	5
82	MP2B	X	-3.81	5
83	MP2B	Z	0	5
84	MP2B	Mx	.001	5
85	MP2C	X	-4.123	5
86	MP2C	Z	0	5
87	MP2C	Mx	.000705	5
88	MP2A	X	-12.285	2
89	MP2A	Z	0	2
90	MP2A	Mx	-.006	2
91	MP2B	X	-15.23	2
92	MP2B	Z	0	2
93	MP2B	Mx	.005	2
94	MP2C	X	-16.797	2
95	MP2C	Z	0	2
96	MP2C	Mx	.003	2
97	MP3A	X	-10.335	2
98	MP3A	Z	0	2
99	MP3A	Mx	-.005	2
100	MP3B	X	-14.4	2
101	MP3B	Z	0	2
102	MP3B	Mx	.005	2
103	MP3C	X	-16.562	2
104	MP3C	Z	0	2
105	MP3C	Mx	.003	2
106	MP3C	X	-2.163	5
107	MP3C	Z	0	5
108	MP3C	Mx	6.2e-5	5
109	MP3C	X	-2.163	6
110	MP3C	Z	0	6
111	MP3C	Mx	6.2e-5	6
112	MP3C	X	-2.163	5
113	MP3C	Z	0	5
114	MP3C	Mx	.001	5
115	MP3C	X	-2.163	6
116	MP3C	Z	0	6
117	MP3C	Mx	.001	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-10.19	3
2	MP1A	Z	-5.883	3
3	MP1A	Mx	.005	3
4	MP1A	X	-10.19	5
5	MP1A	Z	-5.883	5
6	MP1A	Mx	.005	5
7	MP1B	X	-17.565	3
8	MP1B	Z	-10.141	3
9	MP1B	Mx	.002	3
10	MP1B	X	-17.565	5
11	MP1B	Z	-10.141	5
12	MP1B	Mx	.002	5
13	MP1C	X	-11.861	3
14	MP1C	Z	-6.848	3
15	MP1C	Mx	-.005	3
16	MP1C	X	-11.861	5
17	MP1C	Z	-6.848	5
18	MP1C	Mx	-.005	5
19	OVP2	X	-20.928	1
20	OVP2	Z	-12.083	1
21	OVP2	Mx	0	1
22	OVP	X	-20.928	1
23	OVP	Z	-12.083	1
24	OVP	Mx	0	1
25	MP3A	X	-25.593	1.5
26	MP3A	Z	-14.776	1.5
27	MP3A	Mx	.021	1.5
28	MP3A	X	-25.593	6.5
29	MP3A	Z	-14.776	6.5
30	MP3A	Mx	.021	6.5
31	MP3B	X	-33.263	1.5
32	MP3B	Z	-19.204	1.5
33	MP3B	Mx	-.019	1.5
34	MP3B	X	-33.263	6.5
35	MP3B	Z	-19.204	6.5
36	MP3B	Mx	-.019	6.5
37	MP3C	X	-27.331	1.5
38	MP3C	Z	-15.78	1.5
39	MP3C	Mx	-.000255	1.5
40	MP3C	X	-27.331	6.5
41	MP3C	Z	-15.78	6.5
42	MP3C	Mx	-.000255	6.5
43	MP3A	X	-25.593	1.5
44	MP3A	Z	-14.776	1.5
45	MP3A	Mx	.004	1.5
46	MP3A	X	-25.593	6.5
47	MP3A	Z	-14.776	6.5
48	MP3A	Mx	.004	6.5
49	MP3B	X	-33.263	1.5
50	MP3B	Z	-19.204	1.5
51	MP3B	Mx	.025	1.5
52	MP3B	X	-33.263	6.5
53	MP3B	Z	-19.204	6.5
54	MP3B	Mx	.025	6.5
55	MP3C	X	-27.331	1.5
56	MP3C	Z	-15.78	1.5
57	MP3C	Mx	-.024	1.5
58	MP3C	X	-27.331	6.5
59	MP3C	Z	-15.78	6.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
60	MP3C	Mx	-.024	6.5
61	MP4A	X	-10.559	2
62	MP4A	Z	-6.096	2
63	MP4A	Mx	.006	2
64	MP4A	X	-10.559	6
65	MP4A	Z	-6.096	6
66	MP4A	Mx	.006	6
67	MP4B	X	-17.042	2
68	MP4B	Z	-9.839	2
69	MP4B	Mx	-.003	2
70	MP4B	X	-17.042	6
71	MP4B	Z	-9.839	6
72	MP4B	Mx	-.003	6
73	MP4C	X	-14.791	2
74	MP4C	Z	-8.539	2
75	MP4C	Mx	-.005	2
76	MP4C	X	-14.791	6
77	MP4C	Z	-8.539	6
78	MP4C	Mx	-.005	6
79	MP2A	X	-2.871	5
80	MP2A	Z	-1.657	5
81	MP2A	Mx	-.002	5
82	MP2B	X	-3.65	5
83	MP2B	Z	-2.107	5
84	MP2B	Mx	.000366	5
85	MP2C	X	-3.141	5
86	MP2C	Z	-1.814	5
87	MP2C	Mx	.001	5
88	MP2A	X	-11.037	2
89	MP2A	Z	-6.372	2
90	MP2A	Mx	-.006	2
91	MP2B	X	-14.945	2
92	MP2B	Z	-8.628	2
93	MP2B	Mx	.001	2
94	MP2C	X	-12.394	2
95	MP2C	Z	-7.156	2
96	MP2C	Mx	.005	2
97	MP3A	X	-9.5	2
98	MP3A	Z	-5.485	2
99	MP3A	Mx	-.005	2
100	MP3B	X	-14.892	2
101	MP3B	Z	-8.598	2
102	MP3B	Mx	.001	2
103	MP3C	X	-11.373	2
104	MP3C	Z	-6.566	2
105	MP3C	Mx	.005	2
106	MP3C	X	-3.086	5
107	MP3C	Z	-1.781	5
108	MP3C	Mx	.002	5
109	MP3C	X	-3.086	6
110	MP3C	Z	-1.781	6
111	MP3C	Mx	.002	6
112	MP3C	X	-3.086	5
113	MP3C	Z	-1.781	5
114	MP3C	Mx	.003	5
115	MP3C	X	-3.086	6
116	MP3C	Z	-1.781	6
117	MP3C	Mx	.003	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-8.84	3
2	MP1A	Z	-15.312	3
3	MP1A	Mx	.004	3
4	MP1A	X	-8.84	5
5	MP1A	Z	-15.312	5
6	MP1A	Mx	.004	5
7	MP1B	X	-7.875	3
8	MP1B	Z	-13.64	3
9	MP1B	Mx	.005	3
10	MP1B	X	-7.875	5
11	MP1B	Z	-13.64	5
12	MP1B	Mx	.005	5
13	MP1C	X	-4.583	3
14	MP1C	Z	-7.937	3
15	MP1C	Mx	-.005	3
16	MP1C	X	-4.583	5
17	MP1C	Z	-7.937	5
18	MP1C	Mx	-.005	5
19	OVP2	X	-14.565	1
20	OVP2	Z	-25.226	1
21	OVP2	Mx	0	1
22	OVP	X	-14.565	1
23	OVP	Z	-25.226	1
24	OVP	Mx	0	1
25	MP3A	X	-17.852	1.5
26	MP3A	Z	-30.921	1.5
27	MP3A	Mx	.027	1.5
28	MP3A	X	-17.852	6.5
29	MP3A	Z	-30.921	6.5
30	MP3A	Mx	.027	6.5
31	MP3B	X	-16.848	1.5
32	MP3B	Z	-29.182	1.5
33	MP3B	Mx	-.004	1.5
34	MP3B	X	-16.848	6.5
35	MP3B	Z	-29.182	6.5
36	MP3B	Mx	-.004	6.5
37	MP3C	X	-13.423	1.5
38	MP3C	Z	-23.25	1.5
39	MP3C	Mx	-.011	1.5
40	MP3C	X	-13.423	6.5
41	MP3C	Z	-23.25	6.5
42	MP3C	Mx	-.011	6.5
43	MP3A	X	-17.852	1.5
44	MP3A	Z	-30.921	1.5
45	MP3A	Mx	-.009	1.5
46	MP3A	X	-17.852	6.5
47	MP3A	Z	-30.921	6.5
48	MP3A	Mx	-.009	6.5
49	MP3B	X	-16.848	1.5
50	MP3B	Z	-29.182	1.5
51	MP3B	Mx	.026	1.5
52	MP3B	X	-16.848	6.5
53	MP3B	Z	-29.182	6.5
54	MP3B	Mx	.026	6.5
55	MP3C	X	-13.423	1.5
56	MP3C	Z	-23.25	1.5
57	MP3C	Mx	-.016	1.5
58	MP3C	X	-13.423	6.5
59	MP3C	Z	-23.25	6.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
60	MP3C	Mx	-.016	6.5
61	MP4A	X	-7.777	2
62	MP4A	Z	-13.471	2
63	MP4A	Mx	.006	2
64	MP4A	X	-7.777	6
65	MP4A	Z	-13.471	6
66	MP4A	Mx	.006	6
67	MP4B	X	-10.22	2
68	MP4B	Z	-17.702	2
69	MP4B	Mx	.002	2
70	MP4B	X	-10.22	6
71	MP4B	Z	-17.702	6
72	MP4B	Mx	.002	6
73	MP4C	X	-6.477	2
74	MP4C	Z	-11.219	2
75	MP4C	Mx	-.006	2
76	MP4C	X	-6.477	6
77	MP4C	Z	-11.219	6
78	MP4C	Mx	-.006	6
79	MP2A	X	-1.905	5
80	MP2A	Z	-3.3	5
81	MP2A	Mx	-.001	5
82	MP2B	X	-2.061	5
83	MP2B	Z	-3.571	5
84	MP2B	Mx	-.000705	5
85	MP2C	X	-1.612	5
86	MP2C	Z	-2.791	5
87	MP2C	Mx	.002	5
88	MP2A	X	-7.615	2
89	MP2A	Z	-13.19	2
90	MP2A	Mx	-.005	2
91	MP2B	X	-8.399	2
92	MP2B	Z	-14.547	2
93	MP2B	Mx	-.003	2
94	MP2C	X	-6.143	2
95	MP2C	Z	-10.639	2
96	MP2C	Mx	.006	2
97	MP3A	X	-7.2	2
98	MP3A	Z	-12.47	2
99	MP3A	Mx	-.005	2
100	MP3B	X	-8.281	2
101	MP3B	Z	-14.343	2
102	MP3B	Mx	-.003	2
103	MP3C	X	-5.168	2
104	MP3C	Z	-8.951	2
105	MP3C	Mx	.005	2
106	MP3C	X	-2.352	5
107	MP3C	Z	-4.074	5
108	MP3C	Mx	.004	5
109	MP3C	X	-2.352	6
110	MP3C	Z	-4.074	6
111	MP3C	Mx	.004	6
112	MP3C	X	-2.352	5
113	MP3C	Z	-4.074	5
114	MP3C	Mx	.005	5
115	MP3C	X	-2.352	6
116	MP3C	Z	-4.074	6
117	MP3C	Mx	.005	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	0	3
2	MP1A	Z	-5.471	3
3	MP1A	Mx	0	3
4	MP1A	X	0	5
5	MP1A	Z	-5.471	5
6	MP1A	Mx	0	5
7	MP1B	X	0	3
8	MP1B	Z	-2.304	3
9	MP1B	Mx	.001	3
10	MP1B	X	0	5
11	MP1B	Z	-2.304	5
12	MP1B	Mx	.001	5
13	MP1C	X	0	3
14	MP1C	Z	-2.304	3
15	MP1C	Mx	-.001	3
16	MP1C	X	0	5
17	MP1C	Z	-2.304	5
18	MP1C	Mx	-.001	5
19	OVP2	X	0	1
20	OVP2	Z	-10.471	1
21	OVP2	Mx	0	1
22	OVP	X	0	1
23	OVP	Z	-10.471	1
24	OVP	Mx	0	1
25	MP3A	X	0	1.5
26	MP3A	Z	-12.714	1.5
27	MP3A	Mx	.007	1.5
28	MP3A	X	0	6.5
29	MP3A	Z	-12.714	6.5
30	MP3A	Mx	.007	6.5
31	MP3B	X	0	1.5
32	MP3B	Z	-8.861	1.5
33	MP3B	Mx	.002	1.5
34	MP3B	X	0	6.5
35	MP3B	Z	-8.861	6.5
36	MP3B	Mx	.002	6.5
37	MP3C	X	0	1.5
38	MP3C	Z	-8.861	1.5
39	MP3C	Mx	-.006	1.5
40	MP3C	X	0	6.5
41	MP3C	Z	-8.861	6.5
42	MP3C	Mx	-.006	6.5
43	MP3A	X	0	1.5
44	MP3A	Z	-12.714	1.5
45	MP3A	Mx	-.007	1.5
46	MP3A	X	0	6.5
47	MP3A	Z	-12.714	6.5
48	MP3A	Mx	-.007	6.5
49	MP3B	X	0	1.5
50	MP3B	Z	-8.861	1.5
51	MP3B	Mx	.006	1.5
52	MP3B	X	0	6.5
53	MP3B	Z	-8.861	6.5
54	MP3B	Mx	.006	6.5
55	MP3C	X	0	1.5
56	MP3C	Z	-8.861	1.5
57	MP3C	Mx	-.002	1.5
58	MP3C	X	0	6.5
59	MP3C	Z	-8.861	6.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
60	MP3C	Mx	-.002	6.5
61	MP4A	X	0	2
62	MP4A	Z	-6.228	2
63	MP4A	Mx	.001	2
64	MP4A	X	0	6
65	MP4A	Z	-6.228	6
66	MP4A	Mx	.001	6
67	MP4B	X	0	2
68	MP4B	Z	-5.317	2
69	MP4B	Mx	.002	2
70	MP4B	X	0	6
71	MP4B	Z	-5.317	6
72	MP4B	Mx	.002	6
73	MP4C	X	0	2
74	MP4C	Z	-3.605	2
75	MP4C	Mx	-.002	2
76	MP4C	X	0	6
77	MP4C	Z	-3.605	6
78	MP4C	Mx	-.002	6
79	MP2A	X	0	5
80	MP2A	Z	-1.023	5
81	MP2A	Mx	-8.9e-5	5
82	MP2B	X	0	5
83	MP2B	Z	-.846	5
84	MP2B	Mx	-.000324	5
85	MP2C	X	0	5
86	MP2C	Z	-.752	5
87	MP2C	Mx	.000353	5
88	MP2A	X	0	2
89	MP2A	Z	-4.283	2
90	MP2A	Mx	-.000372	2
91	MP2B	X	0	2
92	MP2B	Z	-3.491	2
93	MP2B	Mx	-.001	2
94	MP2C	X	0	2
95	MP2C	Z	-3.069	2
96	MP2C	Mx	.001	2
97	MP3A	X	0	2
98	MP3A	Z	-4.267	2
99	MP3A	Mx	-.00037	2
100	MP3B	X	0	2
101	MP3B	Z	-3.18	2
102	MP3B	Mx	-.001	2
103	MP3C	X	0	2
104	MP3C	Z	-2.601	2
105	MP3C	Mx	.001	2
106	MP3C	X	0	5
107	MP3C	Z	-1.343	5
108	MP3C	Mx	.001	5
109	MP3C	X	0	6
110	MP3C	Z	-1.343	6
111	MP3C	Mx	.001	6
112	MP3C	X	0	5
113	MP3C	Z	-1.343	5
114	MP3C	Mx	.001	5
115	MP3C	X	0	6
116	MP3C	Z	-1.343	6
117	MP3C	Mx	.001	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	2.287	3
2	MP1A	Z	-3.961	3
3	MP1A	Mx	-.001	3
4	MP1A	X	2.287	5
5	MP1A	Z	-3.961	5
6	MP1A	Mx	-.001	5
7	MP1B	X	.996	3
8	MP1B	Z	-1.725	3
9	MP1B	Mx	.000981	3
10	MP1B	X	.996	5
11	MP1B	Z	-1.725	5
12	MP1B	Mx	.000981	5
13	MP1C	X	1.994	3
14	MP1C	Z	-3.454	3
15	MP1C	Mx	-.001	3
16	MP1C	X	1.994	5
17	MP1C	Z	-3.454	5
18	MP1C	Mx	-.001	5
19	OVP2	X	5.08	1
20	OVP2	Z	-8.799	1
21	OVP2	Mx	0	1
22	OVP	X	5.08	1
23	OVP	Z	-8.799	1
24	OVP	Mx	0	1
25	MP3A	X	5.811	1.5
26	MP3A	Z	-10.066	1.5
27	MP3A	Mx	.003	1.5
28	MP3A	X	5.811	6.5
29	MP3A	Z	-10.066	6.5
30	MP3A	Mx	.003	6.5
31	MP3B	X	4.241	1.5
32	MP3B	Z	-7.346	1.5
33	MP3B	Mx	.005	1.5
34	MP3B	X	4.241	6.5
35	MP3B	Z	-7.346	6.5
36	MP3B	Mx	.005	6.5
37	MP3C	X	5.455	1.5
38	MP3C	Z	-9.449	1.5
39	MP3C	Mx	-.008	1.5
40	MP3C	X	5.455	6.5
41	MP3C	Z	-9.449	6.5
42	MP3C	Mx	-.008	6.5
43	MP3A	X	5.811	1.5
44	MP3A	Z	-10.066	1.5
45	MP3A	Mx	-.009	1.5
46	MP3A	X	5.811	6.5
47	MP3A	Z	-10.066	6.5
48	MP3A	Mx	-.009	6.5
49	MP3B	X	4.241	1.5
50	MP3B	Z	-7.346	1.5
51	MP3B	Mx	.003	1.5
52	MP3B	X	4.241	6.5
53	MP3B	Z	-7.346	6.5
54	MP3B	Mx	.003	6.5
55	MP3C	X	5.455	1.5
56	MP3C	Z	-9.449	1.5
57	MP3C	Mx	.001	1.5
58	MP3C	X	5.455	6.5
59	MP3C	Z	-9.449	6.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
60	MP3C	Mx	.001	6.5
61	MP4A	X	3.247	2
62	MP4A	Z	-5.624	2
63	MP4A	Mx	-.000564	2
64	MP4A	X	3.247	6
65	MP4A	Z	-5.624	6
66	MP4A	Mx	-.000564	6
67	MP4B	X	1.936	2
68	MP4B	Z	-3.354	2
69	MP4B	Mx	.002	2
70	MP4B	X	1.936	6
71	MP4B	Z	-3.354	6
72	MP4B	Mx	.002	6
73	MP4C	X	2.392	2
74	MP4C	Z	-4.142	2
75	MP4C	Mx	-.002	2
76	MP4C	X	2.392	6
77	MP4C	Z	-4.142	6
78	MP4C	Mx	-.002	6
79	MP2A	X	.498	5
80	MP2A	Z	-.862	5
81	MP2A	Mx	.00017	5
82	MP2B	X	.362	5
83	MP2B	Z	-.627	5
84	MP2B	Mx	-.000356	5
85	MP2C	X	.451	5
86	MP2C	Z	-.781	5
87	MP2C	Mx	.00029	5
88	MP2A	X	2.08	2
89	MP2A	Z	-3.603	2
90	MP2A	Mx	.000711	2
91	MP2B	X	1.473	2
92	MP2B	Z	-2.551	2
93	MP2B	Mx	-.001	2
94	MP2C	X	1.869	2
95	MP2C	Z	-3.237	2
96	MP2C	Mx	.001	2
97	MP3A	X	2.049	2
98	MP3A	Z	-3.549	2
99	MP3A	Mx	.000701	2
100	MP3B	X	1.216	2
101	MP3B	Z	-2.106	2
102	MP3B	Mx	-.001	2
103	MP3C	X	1.76	2
104	MP3C	Z	-3.048	2
105	MP3C	Mx	.001	2
106	MP3C	X	.671	5
107	MP3C	Z	-1.162	5
108	MP3C	Mx	.001	5
109	MP3C	X	.671	6
110	MP3C	Z	-1.162	6
111	MP3C	Mx	.001	6
112	MP3C	X	.671	5
113	MP3C	Z	-1.162	5
114	MP3C	Mx	.00052	5
115	MP3C	X	.671	6
116	MP3C	Z	-1.162	6
117	MP3C	Mx	.00052	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	2.408	3
2	MP1A	Z	-1.39	3
3	MP1A	Mx	-.001	3
4	MP1A	X	2.408	5
5	MP1A	Z	-1.39	5
6	MP1A	Mx	-.001	5
7	MP1B	X	2.915	3
8	MP1B	Z	-1.683	3
9	MP1B	Mx	.001	3
10	MP1B	X	2.915	5
11	MP1B	Z	-1.683	5
12	MP1B	Mx	.001	5
13	MP1C	X	4.644	3
14	MP1C	Z	-2.681	3
15	MP1C	Mx	-.000465	3
16	MP1C	X	4.644	5
17	MP1C	Z	-2.681	5
18	MP1C	Mx	-.000465	5
19	OVP2	X	7.344	1
20	OVP2	Z	-4.24	1
21	OVP2	Mx	0	1
22	OVP	X	7.344	1
23	OVP	Z	-4.24	1
24	OVP	Mx	0	1
25	MP3A	X	8.176	1.5
26	MP3A	Z	-4.721	1.5
27	MP3A	Mx	-.001	1.5
28	MP3A	X	8.176	6.5
29	MP3A	Z	-4.721	6.5
30	MP3A	Mx	-.001	6.5
31	MP3B	X	8.793	1.5
32	MP3B	Z	-5.077	1.5
33	MP3B	Mx	.008	1.5
34	MP3B	X	8.793	6.5
35	MP3B	Z	-5.077	6.5
36	MP3B	Mx	.008	6.5
37	MP3C	X	10.897	1.5
38	MP3C	Z	-6.291	1.5
39	MP3C	Mx	-.008	1.5
40	MP3C	X	10.897	6.5
41	MP3C	Z	-6.291	6.5
42	MP3C	Mx	-.008	6.5
43	MP3A	X	8.176	1.5
44	MP3A	Z	-4.721	1.5
45	MP3A	Mx	-.007	1.5
46	MP3A	X	8.176	6.5
47	MP3A	Z	-4.721	6.5
48	MP3A	Mx	-.007	6.5
49	MP3B	X	8.793	1.5
50	MP3B	Z	-5.077	1.5
51	MP3B	Mx	8.2e-5	1.5
52	MP3B	X	8.793	6.5
53	MP3B	Z	-5.077	6.5
54	MP3B	Mx	8.2e-5	6.5
55	MP3C	X	10.897	1.5
56	MP3C	Z	-6.291	1.5
57	MP3C	Mx	.006	1.5
58	MP3C	X	10.897	6.5
59	MP3C	Z	-6.291	6.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
60	MP3C	Mx	.006	6.5
61	MP4A	X	4.605	2
62	MP4A	Z	-2.658	2
63	MP4A	Mx	-.002	2
64	MP4A	X	4.605	6
65	MP4A	Z	-2.658	6
66	MP4A	Mx	-.002	6
67	MP4B	X	3.122	2
68	MP4B	Z	-1.803	2
69	MP4B	Mx	.002	2
70	MP4B	X	3.122	6
71	MP4B	Z	-1.803	6
72	MP4B	Mx	.002	6
73	MP4C	X	5.393	2
74	MP4C	Z	-3.114	2
75	MP4C	Mx	-.001	2
76	MP4C	X	5.393	6
77	MP4C	Z	-3.114	6
78	MP4C	Mx	-.001	6
79	MP2A	X	.733	5
80	MP2A	Z	-.423	5
81	MP2A	Mx	.000324	5
82	MP2B	X	.651	5
83	MP2B	Z	-.376	5
84	MP2B	Mx	-.000353	5
85	MP2C	X	.886	5
86	MP2C	Z	-.512	5
87	MP2C	Mx	8.9e-5	5
88	MP2A	X	3.023	2
89	MP2A	Z	-1.745	2
90	MP2A	Mx	.001	2
91	MP2B	X	2.658	2
92	MP2B	Z	-1.535	2
93	MP2B	Mx	-.001	2
94	MP2C	X	3.71	2
95	MP2C	Z	-2.142	2
96	MP2C	Mx	.000372	2
97	MP3A	X	2.754	2
98	MP3A	Z	-1.59	2
99	MP3A	Mx	.001	2
100	MP3B	X	2.253	2
101	MP3B	Z	-1.301	2
102	MP3B	Mx	-.001	2
103	MP3C	X	3.696	2
104	MP3C	Z	-2.134	2
105	MP3C	Mx	.000371	2
106	MP3C	X	1.16	5
107	MP3C	Z	-.67	5
108	MP3C	Mx	.000673	5
109	MP3C	X	1.16	6
110	MP3C	Z	-.67	6
111	MP3C	Mx	.000673	6
112	MP3C	X	1.16	5
113	MP3C	Z	-.67	5
114	MP3C	Mx	-.000207	5
115	MP3C	X	1.16	6
116	MP3C	Z	-.67	6
117	MP3C	Mx	-.000207	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	1.884	3
2	MP1A	Z	0	3
3	MP1A	Mx	-.000942	3
4	MP1A	X	1.884	5
5	MP1A	Z	0	5
6	MP1A	Mx	-.000942	5
7	MP1B	X	5.051	3
8	MP1B	Z	0	3
9	MP1B	Mx	.000864	3
10	MP1B	X	5.051	5
11	MP1B	Z	0	5
12	MP1B	Mx	.000864	5
13	MP1C	X	5.051	3
14	MP1C	Z	0	3
15	MP1C	Mx	.000864	3
16	MP1C	X	5.051	5
17	MP1C	Z	0	5
18	MP1C	Mx	.000864	5
19	OVP2	X	7.11	1
20	OVP2	Z	0	1
21	OVP2	Mx	0	1
22	OVP	X	7.11	1
23	OVP	Z	0	1
24	OVP	Mx	0	1
25	MP3A	X	8.35	1.5
26	MP3A	Z	0	1.5
27	MP3A	Mx	-.004	1.5
28	MP3A	X	8.35	6.5
29	MP3A	Z	0	6.5
30	MP3A	Mx	-.004	6.5
31	MP3B	X	12.203	1.5
32	MP3B	Z	0	1.5
33	MP3B	Mx	.009	1.5
34	MP3B	X	12.203	6.5
35	MP3B	Z	0	6.5
36	MP3B	Mx	.009	6.5
37	MP3C	X	12.203	1.5
38	MP3C	Z	0	1.5
39	MP3C	Mx	-.005	1.5
40	MP3C	X	12.203	6.5
41	MP3C	Z	0	6.5
42	MP3C	Mx	-.005	6.5
43	MP3A	X	8.35	1.5
44	MP3A	Z	0	1.5
45	MP3A	Mx	-.004	1.5
46	MP3A	X	8.35	6.5
47	MP3A	Z	0	6.5
48	MP3A	Mx	-.004	6.5
49	MP3B	X	12.203	1.5
50	MP3B	Z	0	1.5
51	MP3B	Mx	-.005	1.5
52	MP3B	X	12.203	6.5
53	MP3B	Z	0	6.5
54	MP3B	Mx	-.005	6.5
55	MP3C	X	12.203	1.5
56	MP3C	Z	0	1.5
57	MP3C	Mx	.009	1.5
58	MP3C	X	12.203	6.5
59	MP3C	Z	0	6.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
60	MP3C	Mx	.009	6.5
61	MP4A	X	3.872	2
62	MP4A	Z	0	2
63	MP4A	Mx	-.002	2
64	MP4A	X	3.872	6
65	MP4A	Z	0	6
66	MP4A	Mx	-.002	6
67	MP4B	X	4.783	2
68	MP4B	Z	0	2
69	MP4B	Mx	.002	2
70	MP4B	X	4.783	6
71	MP4B	Z	0	6
72	MP4B	Mx	.002	6
73	MP4C	X	6.495	2
74	MP4C	Z	0	2
75	MP4C	Mx	.000564	2
76	MP4C	X	6.495	6
77	MP4C	Z	0	6
78	MP4C	Mx	.000564	6
79	MP2A	X	.724	5
80	MP2A	Z	0	5
81	MP2A	Mx	.000357	5
82	MP2B	X	.901	5
83	MP2B	Z	0	5
84	MP2B	Mx	-.00029	5
85	MP2C	X	.996	5
86	MP2C	Z	0	5
87	MP2C	Mx	-.00017	5
88	MP2A	X	2.946	2
89	MP2A	Z	0	2
90	MP2A	Mx	.001	2
91	MP2B	X	3.738	2
92	MP2B	Z	0	2
93	MP2B	Mx	-.001	2
94	MP2C	X	4.16	2
95	MP2C	Z	0	2
96	MP2C	Mx	-.000711	2
97	MP3A	X	2.431	2
98	MP3A	Z	0	2
99	MP3A	Mx	.001	2
100	MP3B	X	3.519	2
101	MP3B	Z	0	2
102	MP3B	Mx	-.001	2
103	MP3C	X	4.098	2
104	MP3C	Z	0	2
105	MP3C	Mx	-.000701	2
106	MP3C	X	1.34	5
107	MP3C	Z	0	5
108	MP3C	Mx	-3.9e-5	5
109	MP3C	X	1.34	6
110	MP3C	Z	0	6
111	MP3C	Mx	-3.9e-5	6
112	MP3C	X	1.34	5
113	MP3C	Z	0	5
114	MP3C	Mx	-.000878	5
115	MP3C	X	1.34	6
116	MP3C	Z	0	6
117	MP3C	Mx	-.000878	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	2.408	3
2	MP1A	Z	1.39	3
3	MP1A	Mx	-.001	3
4	MP1A	X	2.408	5
5	MP1A	Z	1.39	5
6	MP1A	Mx	-.001	5
7	MP1B	X	4.644	3
8	MP1B	Z	2.681	3
9	MP1B	Mx	-.000465	3
10	MP1B	X	4.644	5
11	MP1B	Z	2.681	5
12	MP1B	Mx	-.000465	5
13	MP1C	X	2.915	3
14	MP1C	Z	1.683	3
15	MP1C	Mx	.001	3
16	MP1C	X	2.915	5
17	MP1C	Z	1.683	5
18	MP1C	Mx	.001	5
19	OVP2	X	6.426	1
20	OVP2	Z	3.71	1
21	OVP2	Mx	0	1
22	OVP	X	6.426	1
23	OVP	Z	3.71	1
24	OVP	Mx	0	1
25	MP3A	X	8.176	1.5
26	MP3A	Z	4.721	1.5
27	MP3A	Mx	-.007	1.5
28	MP3A	X	8.176	6.5
29	MP3A	Z	4.721	6.5
30	MP3A	Mx	-.007	6.5
31	MP3B	X	10.897	1.5
32	MP3B	Z	6.291	1.5
33	MP3B	Mx	.006	1.5
34	MP3B	X	10.897	6.5
35	MP3B	Z	6.291	6.5
36	MP3B	Mx	.006	6.5
37	MP3C	X	8.793	1.5
38	MP3C	Z	5.077	1.5
39	MP3C	Mx	8.2e-5	1.5
40	MP3C	X	8.793	6.5
41	MP3C	Z	5.077	6.5
42	MP3C	Mx	8.2e-5	6.5
43	MP3A	X	8.176	1.5
44	MP3A	Z	4.721	1.5
45	MP3A	Mx	-.001	1.5
46	MP3A	X	8.176	6.5
47	MP3A	Z	4.721	6.5
48	MP3A	Mx	-.001	6.5
49	MP3B	X	10.897	1.5
50	MP3B	Z	6.291	1.5
51	MP3B	Mx	-.008	1.5
52	MP3B	X	10.897	6.5
53	MP3B	Z	6.291	6.5
54	MP3B	Mx	-.008	6.5
55	MP3C	X	8.793	1.5
56	MP3C	Z	5.077	1.5
57	MP3C	Mx	.008	1.5
58	MP3C	X	8.793	6.5
59	MP3C	Z	5.077	6.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
60	MP3C	Mx	.008	6.5
61	MP4A	X	3.122	2
62	MP4A	Z	1.803	2
63	MP4A	Mx	-.002	2
64	MP4A	X	3.122	6
65	MP4A	Z	1.803	6
66	MP4A	Mx	-.002	6
67	MP4B	X	5.393	2
68	MP4B	Z	3.114	2
69	MP4B	Mx	.001	2
70	MP4B	X	5.393	6
71	MP4B	Z	3.114	6
72	MP4B	Mx	.001	6
73	MP4C	X	4.605	2
74	MP4C	Z	2.658	2
75	MP4C	Mx	.002	2
76	MP4C	X	4.605	6
77	MP4C	Z	2.658	6
78	MP4C	Mx	.002	6
79	MP2A	X	.651	5
80	MP2A	Z	.376	5
81	MP2A	Mx	.000353	5
82	MP2B	X	.886	5
83	MP2B	Z	.512	5
84	MP2B	Mx	-8.9e-5	5
85	MP2C	X	.733	5
86	MP2C	Z	.423	5
87	MP2C	Mx	-.000324	5
88	MP2A	X	2.658	2
89	MP2A	Z	1.535	2
90	MP2A	Mx	.001	2
91	MP2B	X	3.71	2
92	MP2B	Z	2.142	2
93	MP2B	Mx	-.000372	2
94	MP2C	X	3.023	2
95	MP2C	Z	1.745	2
96	MP2C	Mx	-.001	2
97	MP3A	X	2.253	2
98	MP3A	Z	1.301	2
99	MP3A	Mx	.001	2
100	MP3B	X	3.696	2
101	MP3B	Z	2.134	2
102	MP3B	Mx	-.000371	2
103	MP3C	X	2.754	2
104	MP3C	Z	1.59	2
105	MP3C	Mx	-.001	2
106	MP3C	X	1.162	5
107	MP3C	Z	.671	5
108	MP3C	Mx	-.00074	5
109	MP3C	X	1.162	6
110	MP3C	Z	.671	6
111	MP3C	Mx	-.00074	6
112	MP3C	X	1.162	5
113	MP3C	Z	.671	5
114	MP3C	Mx	-.001	5
115	MP3C	X	1.162	6
116	MP3C	Z	.671	6
117	MP3C	Mx	-.001	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	2.287	3
2	MP1A	Z	3.961	3
3	MP1A	Mx	-.001	3
4	MP1A	X	2.287	5
5	MP1A	Z	3.961	5
6	MP1A	Mx	-.001	5
7	MP1B	X	1.994	3
8	MP1B	Z	3.454	3
9	MP1B	Mx	-.001	3
10	MP1B	X	1.994	5
11	MP1B	Z	3.454	5
12	MP1B	Mx	-.001	5
13	MP1C	X	.996	3
14	MP1C	Z	1.725	3
15	MP1C	Mx	.000981	3
16	MP1C	X	.996	5
17	MP1C	Z	1.725	5
18	MP1C	Mx	.000981	5
19	OVP2	X	4.55	1
20	OVP2	Z	7.882	1
21	OVP2	Mx	0	1
22	OVP	X	4.55	1
23	OVP	Z	7.882	1
24	OVP	Mx	0	1
25	MP3A	X	5.811	1.5
26	MP3A	Z	10.066	1.5
27	MP3A	Mx	-.009	1.5
28	MP3A	X	5.811	6.5
29	MP3A	Z	10.066	6.5
30	MP3A	Mx	-.009	6.5
31	MP3B	X	5.455	1.5
32	MP3B	Z	9.449	1.5
33	MP3B	Mx	.001	1.5
34	MP3B	X	5.455	6.5
35	MP3B	Z	9.449	6.5
36	MP3B	Mx	.001	6.5
37	MP3C	X	4.241	1.5
38	MP3C	Z	7.346	1.5
39	MP3C	Mx	.003	1.5
40	MP3C	X	4.241	6.5
41	MP3C	Z	7.346	6.5
42	MP3C	Mx	.003	6.5
43	MP3A	X	5.811	1.5
44	MP3A	Z	10.066	1.5
45	MP3A	Mx	.003	1.5
46	MP3A	X	5.811	6.5
47	MP3A	Z	10.066	6.5
48	MP3A	Mx	.003	6.5
49	MP3B	X	5.455	1.5
50	MP3B	Z	9.449	1.5
51	MP3B	Mx	-.008	1.5
52	MP3B	X	5.455	6.5
53	MP3B	Z	9.449	6.5
54	MP3B	Mx	-.008	6.5
55	MP3C	X	4.241	1.5
56	MP3C	Z	7.346	1.5
57	MP3C	Mx	.005	1.5
58	MP3C	X	4.241	6.5
59	MP3C	Z	7.346	6.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
60	MP3C	Mx	.005	6.5
61	MP4A	X	2.392	2
62	MP4A	Z	4.142	2
63	MP4A	Mx	-.002	2
64	MP4A	X	2.392	6
65	MP4A	Z	4.142	6
66	MP4A	Mx	-.002	6
67	MP4B	X	3.247	2
68	MP4B	Z	5.624	2
69	MP4B	Mx	-.000564	2
70	MP4B	X	3.247	6
71	MP4B	Z	5.624	6
72	MP4B	Mx	-.000564	6
73	MP4C	X	1.936	2
74	MP4C	Z	3.354	2
75	MP4C	Mx	.002	2
76	MP4C	X	1.936	6
77	MP4C	Z	3.354	6
78	MP4C	Mx	.002	6
79	MP2A	X	.451	5
80	MP2A	Z	.781	5
81	MP2A	Mx	.00029	5
82	MP2B	X	.498	5
83	MP2B	Z	.862	5
84	MP2B	Mx	.00017	5
85	MP2C	X	.362	5
86	MP2C	Z	.627	5
87	MP2C	Mx	-.000356	5
88	MP2A	X	1.869	2
89	MP2A	Z	3.237	2
90	MP2A	Mx	.001	2
91	MP2B	X	2.08	2
92	MP2B	Z	3.603	2
93	MP2B	Mx	.000712	2
94	MP2C	X	1.473	2
95	MP2C	Z	2.551	2
96	MP2C	Mx	-.001	2
97	MP3A	X	1.76	2
98	MP3A	Z	3.048	2
99	MP3A	Mx	.001	2
100	MP3B	X	2.049	2
101	MP3B	Z	3.549	2
102	MP3B	Mx	.000701	2
103	MP3C	X	1.216	2
104	MP3C	Z	2.106	2
105	MP3C	Mx	-.001	2
106	MP3C	X	.672	5
107	MP3C	Z	1.164	5
108	MP3C	Mx	-.001	5
109	MP3C	X	.672	6
110	MP3C	Z	1.164	6
111	MP3C	Mx	-.001	6
112	MP3C	X	.672	5
113	MP3C	Z	1.164	5
114	MP3C	Mx	-.001	5
115	MP3C	X	.672	6
116	MP3C	Z	1.164	6
117	MP3C	Mx	-.001	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	0	3
2	MP1A	Z	5.471	3
3	MP1A	Mx	0	3
4	MP1A	X	0	5
5	MP1A	Z	5.471	5
6	MP1A	Mx	0	5
7	MP1B	X	0	3
8	MP1B	Z	2.304	3
9	MP1B	Mx	-.001	3
10	MP1B	X	0	5
11	MP1B	Z	2.304	5
12	MP1B	Mx	-.001	5
13	MP1C	X	0	3
14	MP1C	Z	2.304	3
15	MP1C	Mx	.001	3
16	MP1C	X	0	5
17	MP1C	Z	2.304	5
18	MP1C	Mx	.001	5
19	OVP2	X	0	1
20	OVP2	Z	10.471	1
21	OVP2	Mx	0	1
22	OVP	X	0	1
23	OVP	Z	10.471	1
24	OVP	Mx	0	1
25	MP3A	X	0	1.5
26	MP3A	Z	12.714	1.5
27	MP3A	Mx	-.007	1.5
28	MP3A	X	0	6.5
29	MP3A	Z	12.714	6.5
30	MP3A	Mx	-.007	6.5
31	MP3B	X	0	1.5
32	MP3B	Z	8.861	1.5
33	MP3B	Mx	-.002	1.5
34	MP3B	X	0	6.5
35	MP3B	Z	8.861	6.5
36	MP3B	Mx	-.002	6.5
37	MP3C	X	0	1.5
38	MP3C	Z	8.861	1.5
39	MP3C	Mx	.006	1.5
40	MP3C	X	0	6.5
41	MP3C	Z	8.861	6.5
42	MP3C	Mx	.006	6.5
43	MP3A	X	0	1.5
44	MP3A	Z	12.714	1.5
45	MP3A	Mx	.007	1.5
46	MP3A	X	0	6.5
47	MP3A	Z	12.714	6.5
48	MP3A	Mx	.007	6.5
49	MP3B	X	0	1.5
50	MP3B	Z	8.861	1.5
51	MP3B	Mx	-.006	1.5
52	MP3B	X	0	6.5
53	MP3B	Z	8.861	6.5
54	MP3B	Mx	-.006	6.5
55	MP3C	X	0	1.5
56	MP3C	Z	8.861	1.5
57	MP3C	Mx	.002	1.5
58	MP3C	X	0	6.5
59	MP3C	Z	8.861	6.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
60	MP3C	Mx	.002	6.5
61	MP4A	X	0	2
62	MP4A	Z	6.228	2
63	MP4A	Mx	-.001	2
64	MP4A	X	0	6
65	MP4A	Z	6.228	6
66	MP4A	Mx	-.001	6
67	MP4B	X	0	2
68	MP4B	Z	5.317	2
69	MP4B	Mx	-.002	2
70	MP4B	X	0	6
71	MP4B	Z	5.317	6
72	MP4B	Mx	-.002	6
73	MP4C	X	0	2
74	MP4C	Z	3.605	2
75	MP4C	Mx	.002	2
76	MP4C	X	0	6
77	MP4C	Z	3.605	6
78	MP4C	Mx	.002	6
79	MP2A	X	0	5
80	MP2A	Z	1.023	5
81	MP2A	Mx	8.9e-5	5
82	MP2B	X	0	5
83	MP2B	Z	.846	5
84	MP2B	Mx	.000324	5
85	MP2C	X	0	5
86	MP2C	Z	.752	5
87	MP2C	Mx	-.000353	5
88	MP2A	X	0	2
89	MP2A	Z	4.283	2
90	MP2A	Mx	.000372	2
91	MP2B	X	0	2
92	MP2B	Z	3.491	2
93	MP2B	Mx	.001	2
94	MP2C	X	0	2
95	MP2C	Z	3.069	2
96	MP2C	Mx	-.001	2
97	MP3A	X	0	2
98	MP3A	Z	4.267	2
99	MP3A	Mx	.00037	2
100	MP3B	X	0	2
101	MP3B	Z	3.18	2
102	MP3B	Mx	.001	2
103	MP3C	X	0	2
104	MP3C	Z	2.601	2
105	MP3C	Mx	-.001	2
106	MP3C	X	0	5
107	MP3C	Z	1.343	5
108	MP3C	Mx	-.001	5
109	MP3C	X	0	6
110	MP3C	Z	1.343	6
111	MP3C	Mx	-.001	6
112	MP3C	X	0	5
113	MP3C	Z	1.343	5
114	MP3C	Mx	-.001	5
115	MP3C	X	0	6
116	MP3C	Z	1.343	6
117	MP3C	Mx	-.001	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-2.287	3
2	MP1A	Z	3.961	3
3	MP1A	Mx	.001	3
4	MP1A	X	-2.287	5
5	MP1A	Z	3.961	5
6	MP1A	Mx	.001	5
7	MP1B	X	-.996	3
8	MP1B	Z	1.725	3
9	MP1B	Mx	-.000981	3
10	MP1B	X	-.996	5
11	MP1B	Z	1.725	5
12	MP1B	Mx	-.000981	5
13	MP1C	X	-1.994	3
14	MP1C	Z	3.454	3
15	MP1C	Mx	.001	3
16	MP1C	X	-1.994	5
17	MP1C	Z	3.454	5
18	MP1C	Mx	.001	5
19	OVP2	X	-5.08	1
20	OVP2	Z	8.799	1
21	OVP2	Mx	0	1
22	OVP	X	-5.08	1
23	OVP	Z	8.799	1
24	OVP	Mx	0	1
25	MP3A	X	-5.811	1.5
26	MP3A	Z	10.066	1.5
27	MP3A	Mx	-.003	1.5
28	MP3A	X	-5.811	6.5
29	MP3A	Z	10.066	6.5
30	MP3A	Mx	-.003	6.5
31	MP3B	X	-4.241	1.5
32	MP3B	Z	7.346	1.5
33	MP3B	Mx	-.005	1.5
34	MP3B	X	-4.241	6.5
35	MP3B	Z	7.346	6.5
36	MP3B	Mx	-.005	6.5
37	MP3C	X	-5.455	1.5
38	MP3C	Z	9.449	1.5
39	MP3C	Mx	.008	1.5
40	MP3C	X	-5.455	6.5
41	MP3C	Z	9.449	6.5
42	MP3C	Mx	.008	6.5
43	MP3A	X	-5.811	1.5
44	MP3A	Z	10.066	1.5
45	MP3A	Mx	.009	1.5
46	MP3A	X	-5.811	6.5
47	MP3A	Z	10.066	6.5
48	MP3A	Mx	.009	6.5
49	MP3B	X	-4.241	1.5
50	MP3B	Z	7.346	1.5
51	MP3B	Mx	-.003	1.5
52	MP3B	X	-4.241	6.5
53	MP3B	Z	7.346	6.5
54	MP3B	Mx	-.003	6.5
55	MP3C	X	-5.455	1.5
56	MP3C	Z	9.449	1.5
57	MP3C	Mx	-.001	1.5
58	MP3C	X	-5.455	6.5
59	MP3C	Z	9.449	6.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
60	MP3C	Mx	-.001	6.5
61	MP4A	X	-3.247	2
62	MP4A	Z	5.624	2
63	MP4A	Mx	.000564	2
64	MP4A	X	-3.247	6
65	MP4A	Z	5.624	6
66	MP4A	Mx	.000564	6
67	MP4B	X	-1.936	2
68	MP4B	Z	3.354	2
69	MP4B	Mx	-.002	2
70	MP4B	X	-1.936	6
71	MP4B	Z	3.354	6
72	MP4B	Mx	-.002	6
73	MP4C	X	-2.392	2
74	MP4C	Z	4.142	2
75	MP4C	Mx	.002	2
76	MP4C	X	-2.392	6
77	MP4C	Z	4.142	6
78	MP4C	Mx	.002	6
79	MP2A	X	-.498	5
80	MP2A	Z	.862	5
81	MP2A	Mx	-.00017	5
82	MP2B	X	-.362	5
83	MP2B	Z	.627	5
84	MP2B	Mx	.000356	5
85	MP2C	X	-.451	5
86	MP2C	Z	.781	5
87	MP2C	Mx	-.00029	5
88	MP2A	X	-2.08	2
89	MP2A	Z	3.603	2
90	MP2A	Mx	-.000711	2
91	MP2B	X	-1.473	2
92	MP2B	Z	2.551	2
93	MP2B	Mx	.001	2
94	MP2C	X	-1.869	2
95	MP2C	Z	3.237	2
96	MP2C	Mx	-.001	2
97	MP3A	X	-2.049	2
98	MP3A	Z	3.549	2
99	MP3A	Mx	-.000701	2
100	MP3B	X	-1.216	2
101	MP3B	Z	2.106	2
102	MP3B	Mx	.001	2
103	MP3C	X	-1.76	2
104	MP3C	Z	3.048	2
105	MP3C	Mx	-.001	2
106	MP3C	X	-.671	5
107	MP3C	Z	1.162	5
108	MP3C	Mx	-.001	5
109	MP3C	X	-.671	6
110	MP3C	Z	1.162	6
111	MP3C	Mx	-.001	6
112	MP3C	X	-.671	5
113	MP3C	Z	1.162	5
114	MP3C	Mx	-.00052	5
115	MP3C	X	-.671	6
116	MP3C	Z	1.162	6
117	MP3C	Mx	-.00052	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-2.408	3
2	MP1A	Z	1.39	3
3	MP1A	Mx	.001	3
4	MP1A	X	-2.408	5
5	MP1A	Z	1.39	5
6	MP1A	Mx	.001	5
7	MP1B	X	-2.915	3
8	MP1B	Z	1.683	3
9	MP1B	Mx	-.001	3
10	MP1B	X	-2.915	5
11	MP1B	Z	1.683	5
12	MP1B	Mx	-.001	5
13	MP1C	X	-4.644	3
14	MP1C	Z	2.681	3
15	MP1C	Mx	.000465	3
16	MP1C	X	-4.644	5
17	MP1C	Z	2.681	5
18	MP1C	Mx	.000465	5
19	OVP2	X	-7.344	1
20	OVP2	Z	4.24	1
21	OVP2	Mx	0	1
22	OVP	X	-7.344	1
23	OVP	Z	4.24	1
24	OVP	Mx	0	1
25	MP3A	X	-8.176	1.5
26	MP3A	Z	4.721	1.5
27	MP3A	Mx	.001	1.5
28	MP3A	X	-8.176	6.5
29	MP3A	Z	4.721	6.5
30	MP3A	Mx	.001	6.5
31	MP3B	X	-8.793	1.5
32	MP3B	Z	5.077	1.5
33	MP3B	Mx	-.008	1.5
34	MP3B	X	-8.793	6.5
35	MP3B	Z	5.077	6.5
36	MP3B	Mx	-.008	6.5
37	MP3C	X	-10.897	1.5
38	MP3C	Z	6.291	1.5
39	MP3C	Mx	.008	1.5
40	MP3C	X	-10.897	6.5
41	MP3C	Z	6.291	6.5
42	MP3C	Mx	.008	6.5
43	MP3A	X	-8.176	1.5
44	MP3A	Z	4.721	1.5
45	MP3A	Mx	.007	1.5
46	MP3A	X	-8.176	6.5
47	MP3A	Z	4.721	6.5
48	MP3A	Mx	.007	6.5
49	MP3B	X	-8.793	1.5
50	MP3B	Z	5.077	1.5
51	MP3B	Mx	-8.2e-5	1.5
52	MP3B	X	-8.793	6.5
53	MP3B	Z	5.077	6.5
54	MP3B	Mx	-8.2e-5	6.5
55	MP3C	X	-10.897	1.5
56	MP3C	Z	6.291	1.5
57	MP3C	Mx	-.006	1.5
58	MP3C	X	-10.897	6.5
59	MP3C	Z	6.291	6.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
60	MP3C	Mx	-.006	6.5
61	MP4A	X	-4.605	2
62	MP4A	Z	2.658	2
63	MP4A	Mx	.002	2
64	MP4A	X	-4.605	6
65	MP4A	Z	2.658	6
66	MP4A	Mx	.002	6
67	MP4B	X	-3.122	2
68	MP4B	Z	1.803	2
69	MP4B	Mx	-.002	2
70	MP4B	X	-3.122	6
71	MP4B	Z	1.803	6
72	MP4B	Mx	-.002	6
73	MP4C	X	-5.393	2
74	MP4C	Z	3.114	2
75	MP4C	Mx	.001	2
76	MP4C	X	-5.393	6
77	MP4C	Z	3.114	6
78	MP4C	Mx	.001	6
79	MP2A	X	-.733	5
80	MP2A	Z	.423	5
81	MP2A	Mx	-.000324	5
82	MP2B	X	-.651	5
83	MP2B	Z	.376	5
84	MP2B	Mx	.000353	5
85	MP2C	X	-.886	5
86	MP2C	Z	.512	5
87	MP2C	Mx	-8.9e-5	5
88	MP2A	X	-3.023	2
89	MP2A	Z	1.745	2
90	MP2A	Mx	-.001	2
91	MP2B	X	-2.658	2
92	MP2B	Z	1.535	2
93	MP2B	Mx	.001	2
94	MP2C	X	-3.71	2
95	MP2C	Z	2.142	2
96	MP2C	Mx	-.000372	2
97	MP3A	X	-2.754	2
98	MP3A	Z	1.59	2
99	MP3A	Mx	-.001	2
100	MP3B	X	-2.253	2
101	MP3B	Z	1.301	2
102	MP3B	Mx	.001	2
103	MP3C	X	-3.696	2
104	MP3C	Z	2.134	2
105	MP3C	Mx	-.000371	2
106	MP3C	X	-1.16	5
107	MP3C	Z	.67	5
108	MP3C	Mx	-.000673	5
109	MP3C	X	-1.16	6
110	MP3C	Z	.67	6
111	MP3C	Mx	-.000673	6
112	MP3C	X	-1.16	5
113	MP3C	Z	.67	5
114	MP3C	Mx	.000207	5
115	MP3C	X	-1.16	6
116	MP3C	Z	.67	6
117	MP3C	Mx	.000207	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-1.884	3
2	MP1A	Z	0	3
3	MP1A	Mx	.000942	3
4	MP1A	X	-1.884	5
5	MP1A	Z	0	5
6	MP1A	Mx	.000942	5
7	MP1B	X	-5.051	3
8	MP1B	Z	0	3
9	MP1B	Mx	-.000864	3
10	MP1B	X	-5.051	5
11	MP1B	Z	0	5
12	MP1B	Mx	-.000864	5
13	MP1C	X	-5.051	3
14	MP1C	Z	0	3
15	MP1C	Mx	-.000864	3
16	MP1C	X	-5.051	5
17	MP1C	Z	0	5
18	MP1C	Mx	-.000864	5
19	OVP2	X	-7.11	1
20	OVP2	Z	0	1
21	OVP2	Mx	0	1
22	OVP	X	-7.11	1
23	OVP	Z	0	1
24	OVP	Mx	0	1
25	MP3A	X	-8.35	1.5
26	MP3A	Z	0	1.5
27	MP3A	Mx	.004	1.5
28	MP3A	X	-8.35	6.5
29	MP3A	Z	0	6.5
30	MP3A	Mx	.004	6.5
31	MP3B	X	-12.203	1.5
32	MP3B	Z	0	1.5
33	MP3B	Mx	-.009	1.5
34	MP3B	X	-12.203	6.5
35	MP3B	Z	0	6.5
36	MP3B	Mx	-.009	6.5
37	MP3C	X	-12.203	1.5
38	MP3C	Z	0	1.5
39	MP3C	Mx	.005	1.5
40	MP3C	X	-12.203	6.5
41	MP3C	Z	0	6.5
42	MP3C	Mx	.005	6.5
43	MP3A	X	-8.35	1.5
44	MP3A	Z	0	1.5
45	MP3A	Mx	.004	1.5
46	MP3A	X	-8.35	6.5
47	MP3A	Z	0	6.5
48	MP3A	Mx	.004	6.5
49	MP3B	X	-12.203	1.5
50	MP3B	Z	0	1.5
51	MP3B	Mx	.005	1.5
52	MP3B	X	-12.203	6.5
53	MP3B	Z	0	6.5
54	MP3B	Mx	.005	6.5
55	MP3C	X	-12.203	1.5
56	MP3C	Z	0	1.5
57	MP3C	Mx	-.009	1.5
58	MP3C	X	-12.203	6.5
59	MP3C	Z	0	6.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
60	MP3C	Mx	-.009	6.5
61	MP4A	X	-3.872	2
62	MP4A	Z	0	2
63	MP4A	Mx	.002	2
64	MP4A	X	-3.872	6
65	MP4A	Z	0	6
66	MP4A	Mx	.002	6
67	MP4B	X	-4.783	2
68	MP4B	Z	0	2
69	MP4B	Mx	-.002	2
70	MP4B	X	-4.783	6
71	MP4B	Z	0	6
72	MP4B	Mx	-.002	6
73	MP4C	X	-6.495	2
74	MP4C	Z	0	2
75	MP4C	Mx	-.000564	2
76	MP4C	X	-6.495	6
77	MP4C	Z	0	6
78	MP4C	Mx	-.000564	6
79	MP2A	X	-.724	5
80	MP2A	Z	0	5
81	MP2A	Mx	-.000357	5
82	MP2B	X	-.901	5
83	MP2B	Z	0	5
84	MP2B	Mx	.00029	5
85	MP2C	X	-.996	5
86	MP2C	Z	0	5
87	MP2C	Mx	.00017	5
88	MP2A	X	-2.946	2
89	MP2A	Z	0	2
90	MP2A	Mx	-.001	2
91	MP2B	X	-3.738	2
92	MP2B	Z	0	2
93	MP2B	Mx	.001	2
94	MP2C	X	-4.16	2
95	MP2C	Z	0	2
96	MP2C	Mx	.000711	2
97	MP3A	X	-2.431	2
98	MP3A	Z	0	2
99	MP3A	Mx	-.001	2
100	MP3B	X	-3.519	2
101	MP3B	Z	0	2
102	MP3B	Mx	.001	2
103	MP3C	X	-4.098	2
104	MP3C	Z	0	2
105	MP3C	Mx	.000701	2
106	MP3C	X	-1.34	5
107	MP3C	Z	0	5
108	MP3C	Mx	3.9e-5	5
109	MP3C	X	-1.34	6
110	MP3C	Z	0	6
111	MP3C	Mx	3.9e-5	6
112	MP3C	X	-1.34	5
113	MP3C	Z	0	5
114	MP3C	Mx	.000878	5
115	MP3C	X	-1.34	6
116	MP3C	Z	0	6
117	MP3C	Mx	.000878	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-2.408	3
2	MP1A	Z	-1.39	3
3	MP1A	Mx	.001	3
4	MP1A	X	-2.408	5
5	MP1A	Z	-1.39	5
6	MP1A	Mx	.001	5
7	MP1B	X	-4.644	3
8	MP1B	Z	-2.681	3
9	MP1B	Mx	.000465	3
10	MP1B	X	-4.644	5
11	MP1B	Z	-2.681	5
12	MP1B	Mx	.000465	5
13	MP1C	X	-2.915	3
14	MP1C	Z	-1.683	3
15	MP1C	Mx	-.001	3
16	MP1C	X	-2.915	5
17	MP1C	Z	-1.683	5
18	MP1C	Mx	-.001	5
19	OVP2	X	-6.426	1
20	OVP2	Z	-3.71	1
21	OVP2	Mx	0	1
22	OVP	X	-6.426	1
23	OVP	Z	-3.71	1
24	OVP	Mx	0	1
25	MP3A	X	-8.176	1.5
26	MP3A	Z	-4.721	1.5
27	MP3A	Mx	.007	1.5
28	MP3A	X	-8.176	6.5
29	MP3A	Z	-4.721	6.5
30	MP3A	Mx	.007	6.5
31	MP3B	X	-10.897	1.5
32	MP3B	Z	-6.291	1.5
33	MP3B	Mx	-.006	1.5
34	MP3B	X	-10.897	6.5
35	MP3B	Z	-6.291	6.5
36	MP3B	Mx	-.006	6.5
37	MP3C	X	-8.793	1.5
38	MP3C	Z	-5.077	1.5
39	MP3C	Mx	-8.2e-5	1.5
40	MP3C	X	-8.793	6.5
41	MP3C	Z	-5.077	6.5
42	MP3C	Mx	-8.2e-5	6.5
43	MP3A	X	-8.176	1.5
44	MP3A	Z	-4.721	1.5
45	MP3A	Mx	.001	1.5
46	MP3A	X	-8.176	6.5
47	MP3A	Z	-4.721	6.5
48	MP3A	Mx	.001	6.5
49	MP3B	X	-10.897	1.5
50	MP3B	Z	-6.291	1.5
51	MP3B	Mx	.008	1.5
52	MP3B	X	-10.897	6.5
53	MP3B	Z	-6.291	6.5
54	MP3B	Mx	.008	6.5
55	MP3C	X	-8.793	1.5
56	MP3C	Z	-5.077	1.5
57	MP3C	Mx	-.008	1.5
58	MP3C	X	-8.793	6.5
59	MP3C	Z	-5.077	6.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
60	MP3C	Mx	-.008	6.5
61	MP4A	X	-3.122	2
62	MP4A	Z	-1.803	2
63	MP4A	Mx	.002	2
64	MP4A	X	-3.122	6
65	MP4A	Z	-1.803	6
66	MP4A	Mx	.002	6
67	MP4B	X	-5.393	2
68	MP4B	Z	-3.114	2
69	MP4B	Mx	-.001	2
70	MP4B	X	-5.393	6
71	MP4B	Z	-3.114	6
72	MP4B	Mx	-.001	6
73	MP4C	X	-4.605	2
74	MP4C	Z	-2.658	2
75	MP4C	Mx	-.002	2
76	MP4C	X	-4.605	6
77	MP4C	Z	-2.658	6
78	MP4C	Mx	-.002	6
79	MP2A	X	-.651	5
80	MP2A	Z	-.376	5
81	MP2A	Mx	-.000353	5
82	MP2B	X	-.886	5
83	MP2B	Z	-.512	5
84	MP2B	Mx	8.9e-5	5
85	MP2C	X	-.733	5
86	MP2C	Z	-.423	5
87	MP2C	Mx	.000324	5
88	MP2A	X	-2.658	2
89	MP2A	Z	-1.535	2
90	MP2A	Mx	-.001	2
91	MP2B	X	-3.71	2
92	MP2B	Z	-2.142	2
93	MP2B	Mx	.000372	2
94	MP2C	X	-3.023	2
95	MP2C	Z	-1.745	2
96	MP2C	Mx	.001	2
97	MP3A	X	-2.253	2
98	MP3A	Z	-1.301	2
99	MP3A	Mx	-.001	2
100	MP3B	X	-3.696	2
101	MP3B	Z	-2.134	2
102	MP3B	Mx	.000371	2
103	MP3C	X	-2.754	2
104	MP3C	Z	-1.59	2
105	MP3C	Mx	.001	2
106	MP3C	X	-1.162	5
107	MP3C	Z	-.671	5
108	MP3C	Mx	.00074	5
109	MP3C	X	-1.162	6
110	MP3C	Z	-.671	6
111	MP3C	Mx	.00074	6
112	MP3C	X	-1.162	5
113	MP3C	Z	-.671	5
114	MP3C	Mx	.001	5
115	MP3C	X	-1.162	6
116	MP3C	Z	-.671	6
117	MP3C	Mx	.001	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-2.287	3
2	MP1A	Z	-3.961	3
3	MP1A	Mx	.001	3
4	MP1A	X	-2.287	5
5	MP1A	Z	-3.961	5
6	MP1A	Mx	.001	5
7	MP1B	X	-1.994	3
8	MP1B	Z	-3.454	3
9	MP1B	Mx	.001	3
10	MP1B	X	-1.994	5
11	MP1B	Z	-3.454	5
12	MP1B	Mx	.001	5
13	MP1C	X	-.996	3
14	MP1C	Z	-1.725	3
15	MP1C	Mx	-.000981	3
16	MP1C	X	-.996	5
17	MP1C	Z	-1.725	5
18	MP1C	Mx	-.000981	5
19	OVP2	X	-4.55	1
20	OVP2	Z	-7.882	1
21	OVP2	Mx	0	1
22	OVP	X	-4.55	1
23	OVP	Z	-7.882	1
24	OVP	Mx	0	1
25	MP3A	X	-5.811	1.5
26	MP3A	Z	-10.066	1.5
27	MP3A	Mx	.009	1.5
28	MP3A	X	-5.811	6.5
29	MP3A	Z	-10.066	6.5
30	MP3A	Mx	.009	6.5
31	MP3B	X	-5.455	1.5
32	MP3B	Z	-9.449	1.5
33	MP3B	Mx	-.001	1.5
34	MP3B	X	-5.455	6.5
35	MP3B	Z	-9.449	6.5
36	MP3B	Mx	-.001	6.5
37	MP3C	X	-4.241	1.5
38	MP3C	Z	-7.346	1.5
39	MP3C	Mx	-.003	1.5
40	MP3C	X	-4.241	6.5
41	MP3C	Z	-7.346	6.5
42	MP3C	Mx	-.003	6.5
43	MP3A	X	-5.811	1.5
44	MP3A	Z	-10.066	1.5
45	MP3A	Mx	-.003	1.5
46	MP3A	X	-5.811	6.5
47	MP3A	Z	-10.066	6.5
48	MP3A	Mx	-.003	6.5
49	MP3B	X	-5.455	1.5
50	MP3B	Z	-9.449	1.5
51	MP3B	Mx	.008	1.5
52	MP3B	X	-5.455	6.5
53	MP3B	Z	-9.449	6.5
54	MP3B	Mx	.008	6.5
55	MP3C	X	-4.241	1.5
56	MP3C	Z	-7.346	1.5
57	MP3C	Mx	-.005	1.5
58	MP3C	X	-4.241	6.5
59	MP3C	Z	-7.346	6.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
60	MP3C	Mx	-.005	6.5
61	MP4A	X	-2.392	2
62	MP4A	Z	-4.142	2
63	MP4A	Mx	.002	2
64	MP4A	X	-2.392	6
65	MP4A	Z	-4.142	6
66	MP4A	Mx	.002	6
67	MP4B	X	-3.247	2
68	MP4B	Z	-5.624	2
69	MP4B	Mx	.000564	2
70	MP4B	X	-3.247	6
71	MP4B	Z	-5.624	6
72	MP4B	Mx	.000564	6
73	MP4C	X	-1.936	2
74	MP4C	Z	-3.354	2
75	MP4C	Mx	-.002	2
76	MP4C	X	-1.936	6
77	MP4C	Z	-3.354	6
78	MP4C	Mx	-.002	6
79	MP2A	X	-.451	5
80	MP2A	Z	-.781	5
81	MP2A	Mx	-.00029	5
82	MP2B	X	-.498	5
83	MP2B	Z	-.862	5
84	MP2B	Mx	-.00017	5
85	MP2C	X	-.362	5
86	MP2C	Z	-.627	5
87	MP2C	Mx	.000356	5
88	MP2A	X	-1.869	2
89	MP2A	Z	-3.237	2
90	MP2A	Mx	-.001	2
91	MP2B	X	-2.08	2
92	MP2B	Z	-3.603	2
93	MP2B	Mx	-.000712	2
94	MP2C	X	-1.473	2
95	MP2C	Z	-2.551	2
96	MP2C	Mx	.001	2
97	MP3A	X	-1.76	2
98	MP3A	Z	-3.048	2
99	MP3A	Mx	-.001	2
100	MP3B	X	-2.049	2
101	MP3B	Z	-3.549	2
102	MP3B	Mx	-.000701	2
103	MP3C	X	-1.216	2
104	MP3C	Z	-2.106	2
105	MP3C	Mx	.001	2
106	MP3C	X	-.672	5
107	MP3C	Z	-1.164	5
108	MP3C	Mx	.001	5
109	MP3C	X	-.672	6
110	MP3C	Z	-1.164	6
111	MP3C	Mx	.001	6
112	MP3C	X	-.672	5
113	MP3C	Z	-1.164	5
114	MP3C	Mx	.001	5
115	MP3C	X	-.672	6
116	MP3C	Z	-1.164	6
117	MP3C	Mx	.001	6

Member Point Loads (BLC 77 : Lm1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M221	Y	-500	%2

Member Point Loads (BLC 78 : Lm2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M221	Y	-500	%66

Member Point Loads (BLC 79 : Lv1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M221	Y	-250	12.5

Member Point Loads (BLC 80 : Lv2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M221	Y	-250	%50

Member Point Loads (BLC 81 : Antenna Ev)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	Y	0	3
2	MP1A	My	0	3
3	MP1A	Mz	0	3
4	MP1A	Y	0	5
5	MP1A	My	0	5
6	MP1A	Mz	0	5
7	MP1B	Y	0	3
8	MP1B	My	0	3
9	MP1B	Mz	0	3
10	MP1B	Y	0	5
11	MP1B	My	0	5
12	MP1B	Mz	0	5
13	MP1C	Y	0	3
14	MP1C	My	0	3
15	MP1C	Mz	0	3
16	MP1C	Y	0	5
17	MP1C	My	0	5
18	MP1C	Mz	0	5
19	OVP2	Y	0	1
20	OVP2	My	0	1
21	OVP2	Mz	0	1
22	OVP	Y	0	1
23	OVP	My	0	1
24	OVP	Mz	0	1
25	MP3A	Y	0	1.5
26	MP3A	My	0	1.5
27	MP3A	Mz	0	1.5
28	MP3A	Y	0	6.5
29	MP3A	My	0	6.5
30	MP3A	Mz	0	6.5
31	MP3B	Y	0	1.5
32	MP3B	My	0	1.5
33	MP3B	Mz	0	1.5
34	MP3B	Y	0	6.5
35	MP3B	My	0	6.5
36	MP3B	Mz	0	6.5
37	MP3C	Y	0	1.5
38	MP3C	My	0	1.5
39	MP3C	Mz	0	1.5
40	MP3C	Y	0	6.5
41	MP3C	My	0	6.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
42	MP3C	Mz	0	6.5
43	MP3A	Y	0	1.5
44	MP3A	My	0	1.5
45	MP3A	Mz	0	1.5
46	MP3A	Y	0	6.5
47	MP3A	My	0	6.5
48	MP3A	Mz	0	6.5
49	MP3B	Y	0	1.5
50	MP3B	My	0	1.5
51	MP3B	Mz	0	1.5
52	MP3B	Y	0	6.5
53	MP3B	My	0	6.5
54	MP3B	Mz	0	6.5
55	MP3C	Y	0	1.5
56	MP3C	My	0	1.5
57	MP3C	Mz	0	1.5
58	MP3C	Y	0	6.5
59	MP3C	My	0	6.5
60	MP3C	Mz	0	6.5
61	MP4A	Y	0	2
62	MP4A	My	0	2
63	MP4A	Mz	0	2
64	MP4A	Y	0	6
65	MP4A	My	0	6
66	MP4A	Mz	0	6
67	MP4B	Y	0	2
68	MP4B	My	0	2
69	MP4B	Mz	0	2
70	MP4B	Y	0	6
71	MP4B	My	0	6
72	MP4B	Mz	0	6
73	MP4C	Y	0	2
74	MP4C	My	0	2
75	MP4C	Mz	0	2
76	MP4C	Y	0	6
77	MP4C	My	0	6
78	MP4C	Mz	0	6
79	MP2A	Y	0	5
80	MP2A	My	0	5
81	MP2A	Mz	0	5
82	MP2B	Y	0	5
83	MP2B	My	0	5
84	MP2B	Mz	0	5
85	MP2C	Y	0	5
86	MP2C	My	0	5
87	MP2C	Mz	0	5
88	MP2A	Y	0	2
89	MP2A	My	0	2
90	MP2A	Mz	0	2
91	MP2B	Y	0	2
92	MP2B	My	0	2
93	MP2B	Mz	0	2
94	MP2C	Y	0	2
95	MP2C	My	0	2
96	MP2C	Mz	0	2
97	MP3A	Y	0	2
98	MP3A	My	0	2
99	MP3A	Mz	0	2
100	MP3B	Y	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
101	MP3B	My	0	2
102	MP3B	Mz	0	2
103	MP3C	Y	0	2
104	MP3C	My	0	2
105	MP3C	Mz	0	2
106	MP3C	Y	0	5
107	MP3C	My	0	5
108	MP3C	Mz	0	5
109	MP3C	Y	0	6
110	MP3C	My	0	6
111	MP3C	Mz	0	6
112	MP3C	Y	0	5
113	MP3C	My	0	5
114	MP3C	Mz	0	5
115	MP3C	Y	0	6
116	MP3C	My	0	6
117	MP3C	Mz	0	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	Z	-1.306	3
2	MP1A	Mx	0	3
3	MP1A	Z	-1.306	5
4	MP1A	Mx	0	5
5	MP1B	Z	-1.306	3
6	MP1B	Mx	.000614	3
7	MP1B	Z	-1.306	5
8	MP1B	Mx	.000614	5
9	MP1C	Z	-1.306	3
10	MP1C	Mx	-.000614	3
11	MP1C	Z	-1.306	5
12	MP1C	Mx	-.000614	5
13	OVP2	Z	-.96	1
14	OVP2	Mx	0	1
15	OVP	Z	-.96	1
16	OVP	Mx	0	1
17	MP3A	Z	-.95	1.5
18	MP3A	Mx	.000554	1.5
19	MP3A	Z	-.95	6.5
20	MP3A	Mx	.000554	6.5
21	MP3B	Z	-.95	1.5
22	MP3B	Mx	.000257	1.5
23	MP3B	Z	-.95	6.5
24	MP3B	Mx	.000257	6.5
25	MP3C	Z	-.95	1.5
26	MP3C	Mx	-.000636	1.5
27	MP3C	Z	-.95	6.5
28	MP3C	Mx	-.000636	6.5
29	MP3A	Z	-.95	1.5
30	MP3A	Mx	-.000554	1.5
31	MP3A	Z	-.95	6.5
32	MP3A	Mx	-.000554	6.5
33	MP3B	Z	-.95	1.5
34	MP3B	Mx	.000636	1.5
35	MP3B	Z	-.95	6.5
36	MP3B	Mx	.000636	6.5
37	MP3C	Z	-.95	1.5
38	MP3C	Mx	-.000257	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
39	MP3C	Z	-.95	6.5
40	MP3C	Mx	-.000257	6.5
41	MP4A	Z	-.148	2
42	MP4A	Mx	2.5e-5	2
43	MP4A	Z	-.148	6
44	MP4A	Mx	2.5e-5	6
45	MP4B	Z	-.148	2
46	MP4B	Mx	4.8e-5	2
47	MP4B	Z	-.148	6
48	MP4B	Mx	4.8e-5	6
49	MP4C	Z	-.148	2
50	MP4C	Mx	-7.3e-5	2
51	MP4C	Z	-.148	6
52	MP4C	Mx	-7.3e-5	6
53	MP2A	Z	-.312	5
54	MP2A	Mx	-2.7e-5	5
55	MP2B	Z	-.312	5
56	MP2B	Mx	-.00012	5
57	MP2C	Z	-.312	5
58	MP2C	Mx	.000147	5
59	MP2A	Z	-2.532	2
60	MP2A	Mx	-.00022	2
61	MP2B	Z	-2.532	2
62	MP2B	Mx	-.00097	2
63	MP2C	Z	-2.532	2
64	MP2C	Mx	.001	2
65	MP3A	Z	-2.109	2
66	MP3A	Mx	-.000183	2
67	MP3B	Z	-2.109	2
68	MP3B	Mx	-.000808	2
69	MP3C	Z	-2.109	2
70	MP3C	Mx	.000991	2
71	MP3C	Z	-.264	5
72	MP3C	Mx	.000278	5
73	MP3C	Z	-.264	6
74	MP3C	Mx	.000278	6
75	MP3C	Z	-.264	5
76	MP3C	Mx	.000218	5
77	MP3C	Z	-.264	6
78	MP3C	Mx	.000218	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	1.306	3
2	MP1A	Mx	-.000653	3
3	MP1A	X	1.306	5
4	MP1A	Mx	-.000653	5
5	MP1B	X	1.306	3
6	MP1B	Mx	.000223	3
7	MP1B	X	1.306	5
8	MP1B	Mx	.000223	5
9	MP1C	X	1.306	3
10	MP1C	Mx	.000223	3
11	MP1C	X	1.306	5
12	MP1C	Mx	.000223	5
13	OVP2	X	.96	1
14	OVP2	Mx	0	1
15	OVP	X	.96	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
16	OVP	Mx	0	1
17	MP3A	X	.95	1.5
18	MP3A	Mx	-.000475	1.5
19	MP3A	X	.95	6.5
20	MP3A	Mx	-.000475	6.5
21	MP3B	X	.95	1.5
22	MP3B	Mx	.000683	1.5
23	MP3B	X	.95	6.5
24	MP3B	Mx	.000683	6.5
25	MP3C	X	.95	1.5
26	MP3C	Mx	-.000358	1.5
27	MP3C	X	.95	6.5
28	MP3C	Mx	-.000358	6.5
29	MP3A	X	.95	1.5
30	MP3A	Mx	-.000475	1.5
31	MP3A	X	.95	6.5
32	MP3A	Mx	-.000475	6.5
33	MP3B	X	.95	1.5
34	MP3B	Mx	-.000358	1.5
35	MP3B	X	.95	6.5
36	MP3B	Mx	-.000358	6.5
37	MP3C	X	.95	1.5
38	MP3C	Mx	.000683	1.5
39	MP3C	X	.95	6.5
40	MP3C	Mx	.000683	6.5
41	MP4A	X	.148	2
42	MP4A	Mx	-7e-5	2
43	MP4A	X	.148	6
44	MP4A	Mx	-7e-5	6
45	MP4B	X	.148	2
46	MP4B	Mx	5.7e-5	2
47	MP4B	X	.148	6
48	MP4B	Mx	5.7e-5	6
49	MP4C	X	.148	2
50	MP4C	Mx	1.3e-5	2
51	MP4C	X	.148	6
52	MP4C	Mx	1.3e-5	6
53	MP2A	X	.312	5
54	MP2A	Mx	.000154	5
55	MP2B	X	.312	5
56	MP2B	Mx	-.0001	5
57	MP2C	X	.312	5
58	MP2C	Mx	-5.3e-5	5
59	MP2A	X	2.532	2
60	MP2A	Mx	.001	2
61	MP2B	X	2.532	2
62	MP2B	Mx	-.000814	2
63	MP2C	X	2.532	2
64	MP2C	Mx	-.000433	2
65	MP3A	X	2.109	2
66	MP3A	Mx	.001	2
67	MP3B	X	2.109	2
68	MP3B	Mx	-.000678	2
69	MP3C	X	2.109	2
70	MP3C	Mx	-.000361	2
71	MP3C	X	.264	5
72	MP3C	Mx	-8e-6	5
73	MP3C	X	.264	6
74	MP3C	Mx	-8e-6	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
75	MP3C	X	.264	5
76	MP3C	Mx	-.000173	5
77	MP3C	X	.264	6
78	MP3C	Mx	-.000173	6

Member Distributed Loads (BLC 40 : Structure Di)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M131B	Y	-9.858	-9.858	0	%100
2	M132A	Y	-9.858	-9.858	0	%100
3	M133A	Y	-9.858	-9.858	0	%100
4	M134A	Y	-10.383	-10.383	0	%100
5	M137A	Y	-5.78	-5.78	0	%100
6	M138A	Y	-5.78	-5.78	0	%100
7	M142A	Y	-10.37	-10.37	0	%100
8	M143A	Y	-10.37	-10.37	0	%100
9	M145A	Y	-10.383	-10.383	0	%100
10	M147A	Y	-10.37	-10.37	0	%100
11	M148A	Y	-10.37	-10.37	0	%100
12	M150A	Y	-10.383	-10.383	0	%100
13	M157A	Y	-6.8	-6.8	0	%100
14	M160A	Y	-9.452	-9.452	0	%100
15	M161A	Y	-9.858	-9.858	0	%100
16	M162A	Y	-9.858	-9.858	0	%100
17	M163A	Y	-9.858	-9.858	0	%100
18	M164A	Y	-10.383	-10.383	0	%100
19	M167A	Y	-5.78	-5.78	0	%100
20	M168A	Y	-5.78	-5.78	0	%100
21	M172A	Y	-10.37	-10.37	0	%100
22	M173A	Y	-10.37	-10.37	0	%100
23	M175	Y	-10.383	-10.383	0	%100
24	M177	Y	-10.37	-10.37	0	%100
25	M178	Y	-10.37	-10.37	0	%100
26	M180	Y	-10.383	-10.383	0	%100
27	M187	Y	-6.8	-6.8	0	%100
28	OVP2	Y	-5.126	-5.126	0	%100
29	M190	Y	-9.452	-9.452	0	%100
30	M191	Y	-9.858	-9.858	0	%100
31	M192	Y	-9.858	-9.858	0	%100
32	M193	Y	-9.858	-9.858	0	%100
33	M194	Y	-10.383	-10.383	0	%100
34	M197	Y	-5.78	-5.78	0	%100
35	M198	Y	-5.78	-5.78	0	%100
36	M202	Y	-10.37	-10.37	0	%100
37	M203	Y	-10.37	-10.37	0	%100
38	M205	Y	-10.383	-10.383	0	%100
39	M207	Y	-10.37	-10.37	0	%100
40	M208	Y	-10.37	-10.37	0	%100
41	M210	Y	-10.383	-10.383	0	%100
42	M217	Y	-6.8	-6.8	0	%100
43	OVP	Y	-5.126	-5.126	0	%100
44	M220	Y	-9.452	-9.452	0	%100
45	M221	Y	-6.748	-6.748	0	%100
46	MP1A	Y	-5.126	-5.126	0	%100
47	M224	Y	-5.126	-5.126	0	%100
48	MP2A	Y	-5.126	-5.126	0	%100
49	MP3A	Y	-5.847	-5.847	0	%100
50	MP4A	Y	-5.126	-5.126	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
51	M105	Y	-6.748	-6.748	0	%100
52	MP1C	Y	-5.126	-5.126	0	%100
53	M108	Y	-5.126	-5.126	0	%100
54	MP2C	Y	-5.126	-5.126	0	%100
55	MP3C	Y	-5.847	-5.847	0	%100
56	MP4C	Y	-5.126	-5.126	0	%100
57	M119	Y	-6.748	-6.748	0	%100
58	MP1B	Y	-5.126	-5.126	0	%100
59	M122	Y	-5.126	-5.126	0	%100
60	MP2B	Y	-5.126	-5.126	0	%100
61	MP3B	Y	-5.847	-5.847	0	%100
62	MP4B	Y	-5.126	-5.126	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M131B	X	0	0	0	%100
2	M131B	Z	0	0	0	%100
3	M132A	X	0	0	0	%100
4	M132A	Z	-15.766	-15.766	0	%100
5	M133A	X	0	0	0	%100
6	M133A	Z	-15.766	-15.766	0	%100
7	M134A	X	0	0	0	%100
8	M134A	Z	-31.447	-31.447	0	%100
9	M137A	X	0	0	0	%100
10	M137A	Z	-4.366	-4.366	0	%100
11	M138A	X	0	0	0	%100
12	M138A	Z	-4.366	-4.366	0	%100
13	M142A	X	0	0	0	%100
14	M142A	Z	0	0	0	%100
15	M143A	X	0	0	0	%100
16	M143A	Z	-8.007	-8.007	0	%100
17	M145A	X	0	0	0	%100
18	M145A	Z	-8.434	-8.434	0	%100
19	M147A	X	0	0	0	%100
20	M147A	Z	0	0	0	%100
21	M148A	X	0	0	0	%100
22	M148A	Z	-8.007	-8.007	0	%100
23	M150A	X	0	0	0	%100
24	M150A	Z	-8.434	-8.434	0	%100
25	M157A	X	0	0	0	%100
26	M157A	Z	-14.906	-14.906	0	%100
27	M160A	X	0	0	0	%100
28	M160A	Z	-9.685	-9.685	0	%100
29	M161A	X	0	0	0	%100
30	M161A	Z	-13.974	-13.974	0	%100
31	M162A	X	0	0	0	%100
32	M162A	Z	-3.942	-3.942	0	%100
33	M163A	X	0	0	0	%100
34	M163A	Z	-3.942	-3.942	0	%100
35	M164A	X	0	0	0	%100
36	M164A	Z	-7.862	-7.862	0	%100
37	M167A	X	0	0	0	%100
38	M167A	Z	-4.366	-4.366	0	%100
39	M168A	X	0	0	0	%100
40	M168A	Z	-17.462	-17.462	0	%100
41	M172A	X	0	0	0	%100
42	M172A	Z	-23.586	-23.586	0	%100
43	M173A	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,...	Start Location[ft,%]	End Location[ft,%]
44	M173A	Z	-8.007	-8.007	0	%100
45	M175	X	0	0	0	%100
46	M175	Z	-8.434	-8.434	0	%100
47	M177	X	0	0	0	%100
48	M177	Z	-23.586	-23.586	0	%100
49	M178	X	0	0	0	%100
50	M178	Z	-32.03	-32.03	0	%100
51	M180	X	0	0	0	%100
52	M180	Z	-33.736	-33.736	0	%100
53	M187	X	0	0	0	%100
54	M187	Z	-3.727	-3.727	0	%100
55	OVP2	X	0	0	0	%100
56	OVP2	Z	-10.179	-10.179	0	%100
57	M190	X	0	0	0	%100
58	M190	Z	-18.272	-18.272	0	%100
59	M191	X	0	0	0	%100
60	M191	Z	-13.974	-13.974	0	%100
61	M192	X	0	0	0	%100
62	M192	Z	-3.942	-3.942	0	%100
63	M193	X	0	0	0	%100
64	M193	Z	-3.942	-3.942	0	%100
65	M194	X	0	0	0	%100
66	M194	Z	-7.862	-7.862	0	%100
67	M197	X	0	0	0	%100
68	M197	Z	-17.462	-17.462	0	%100
69	M198	X	0	0	0	%100
70	M198	Z	-4.366	-4.366	0	%100
71	M202	X	0	0	0	%100
72	M202	Z	-23.586	-23.586	0	%100
73	M203	X	0	0	0	%100
74	M203	Z	-32.03	-32.03	0	%100
75	M205	X	0	0	0	%100
76	M205	Z	-33.736	-33.736	0	%100
77	M207	X	0	0	0	%100
78	M207	Z	-23.586	-23.586	0	%100
79	M208	X	0	0	0	%100
80	M208	Z	-8.007	-8.007	0	%100
81	M210	X	0	0	0	%100
82	M210	Z	-8.434	-8.434	0	%100
83	M217	X	0	0	0	%100
84	M217	Z	-3.727	-3.727	0	%100
85	OVP	X	0	0	0	%100
86	OVP	Z	-10.179	-10.179	0	%100
87	M220	X	0	0	0	%100
88	M220	Z	-18.272	-18.272	0	%100
89	M221	X	0	0	0	%100
90	M221	Z	-15.851	-15.851	0	%100
91	MP1A	X	0	0	0	%100
92	MP1A	Z	-12.448	-12.448	0	%100
93	M224	X	0	0	0	%100
94	M224	Z	-12.448	-12.448	0	%100
95	MP2A	X	0	0	0	%100
96	MP2A	Z	-12.448	-12.448	0	%100
97	MP3A	X	0	0	0	%100
98	MP3A	Z	-15.069	-15.069	0	%100
99	MP4A	X	0	0	0	%100
100	MP4A	Z	-12.448	-12.448	0	%100
101	M105	X	0	0	0	%100
102	M105	Z	-3.963	-3.963	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
103	MP1C	X	0	0	0	%100
104	MP1C	Z	-12.448	-12.448	0	%100
105	M108	X	0	0	0	%100
106	M108	Z	-3.112	-3.112	0	%100
107	MP2C	X	0	0	0	%100
108	MP2C	Z	-12.448	-12.448	0	%100
109	MP3C	X	0	0	0	%100
110	MP3C	Z	-15.069	-15.069	0	%100
111	MP4C	X	0	0	0	%100
112	MP4C	Z	-12.448	-12.448	0	%100
113	M119	X	0	0	0	%100
114	M119	Z	-3.963	-3.963	0	%100
115	MP1B	X	0	0	0	%100
116	MP1B	Z	-12.448	-12.448	0	%100
117	M122	X	0	0	0	%100
118	M122	Z	-3.112	-3.112	0	%100
119	MP2B	X	0	0	0	%100
120	MP2B	Z	-12.448	-12.448	0	%100
121	MP3B	X	0	0	0	%100
122	MP3B	Z	-15.069	-15.069	0	%100
123	MP4B	X	0	0	0	%100
124	MP4B	Z	-12.448	-12.448	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M131B	X	2.329	2.329	0	%100
2	M131B	Z	-4.034	-4.034	0	%100
3	M132A	X	5.912	5.912	0	%100
4	M132A	Z	-10.24	-10.24	0	%100
5	M133A	X	5.912	5.912	0	%100
6	M133A	Z	-10.24	-10.24	0	%100
7	M134A	X	11.793	11.793	0	%100
8	M134A	Z	-20.426	-20.426	0	%100
9	M137A	X	6.548	6.548	0	%100
10	M137A	Z	-11.342	-11.342	0	%100
11	M138A	X	0	0	0	%100
12	M138A	Z	0	0	0	%100
13	M142A	X	3.931	3.931	0	%100
14	M142A	Z	-6.809	-6.809	0	%100
15	M143A	X	12.011	12.011	0	%100
16	M143A	Z	-20.804	-20.804	0	%100
17	M145A	X	12.651	12.651	0	%100
18	M145A	Z	-21.912	-21.912	0	%100
19	M147A	X	3.931	3.931	0	%100
20	M147A	Z	-6.809	-6.809	0	%100
21	M148A	X	0	0	0	%100
22	M148A	Z	0	0	0	%100
23	M150A	X	0	0	0	%100
24	M150A	Z	0	0	0	%100
25	M157A	X	5.59	5.59	0	%100
26	M157A	Z	-9.682	-9.682	0	%100
27	M160A	X	6.274	6.274	0	%100
28	M160A	Z	-10.866	-10.866	0	%100
29	M161A	X	2.329	2.329	0	%100
30	M161A	Z	-4.034	-4.034	0	%100
31	M162A	X	5.912	5.912	0	%100
32	M162A	Z	-10.24	-10.24	0	%100
33	M163A	X	5.912	5.912	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
34	M163A	Z	-10.24	-10.24	0	%100
35	M164A	X	11.793	11.793	0	%100
36	M164A	Z	-20.426	-20.426	0	%100
37	M167A	X	0	0	0	%100
38	M167A	Z	0	0	0	%100
39	M168A	X	6.548	6.548	0	%100
40	M168A	Z	-11.342	-11.342	0	%100
41	M172A	X	3.931	3.931	0	%100
42	M172A	Z	-6.809	-6.809	0	%100
43	M173A	X	0	0	0	%100
44	M173A	Z	0	0	0	%100
45	M175	X	0	0	0	%100
46	M175	Z	0	0	0	%100
47	M177	X	3.931	3.931	0	%100
48	M177	Z	-6.809	-6.809	0	%100
49	M178	X	12.011	12.011	0	%100
50	M178	Z	-20.804	-20.804	0	%100
51	M180	X	12.651	12.651	0	%100
52	M180	Z	-21.912	-21.912	0	%100
53	M187	X	5.59	5.59	0	%100
54	M187	Z	-9.682	-9.682	0	%100
55	OVP2	X	5.09	5.09	0	%100
56	OVP2	Z	-8.815	-8.815	0	%100
57	M190	X	6.274	6.274	0	%100
58	M190	Z	-10.866	-10.866	0	%100
59	M191	X	9.316	9.316	0	%100
60	M191	Z	-16.136	-16.136	0	%100
61	M192	X	0	0	0	%100
62	M192	Z	0	0	0	%100
63	M193	X	0	0	0	%100
64	M193	Z	0	0	0	%100
65	M194	X	0	0	0	%100
66	M194	Z	0	0	0	%100
67	M197	X	6.548	6.548	0	%100
68	M197	Z	-11.342	-11.342	0	%100
69	M198	X	6.548	6.548	0	%100
70	M198	Z	-11.342	-11.342	0	%100
71	M202	X	15.724	15.724	0	%100
72	M202	Z	-27.234	-27.234	0	%100
73	M203	X	12.011	12.011	0	%100
74	M203	Z	-20.804	-20.804	0	%100
75	M205	X	12.651	12.651	0	%100
76	M205	Z	-21.912	-21.912	0	%100
77	M207	X	15.724	15.724	0	%100
78	M207	Z	-27.234	-27.234	0	%100
79	M208	X	12.011	12.011	0	%100
80	M208	Z	-20.804	-20.804	0	%100
81	M210	X	12.651	12.651	0	%100
82	M210	Z	-21.912	-21.912	0	%100
83	M217	X	0	0	0	%100
84	M217	Z	0	0	0	%100
85	OVP	X	5.09	5.09	0	%100
86	OVP	Z	-8.815	-8.815	0	%100
87	M220	X	10.567	10.567	0	%100
88	M220	Z	-18.303	-18.303	0	%100
89	M221	X	5.944	5.944	0	%100
90	M221	Z	-10.296	-10.296	0	%100
91	MP1A	X	6.224	6.224	0	%100
92	MP1A	Z	-10.78	-10.78	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
93	M224	X	4.668	4.668	0	%100
94	M224	Z	-8.085	-8.085	0	%100
95	MP2A	X	6.224	6.224	0	%100
96	MP2A	Z	-10.78	-10.78	0	%100
97	MP3A	X	7.534	7.534	0	%100
98	MP3A	Z	-13.05	-13.05	0	%100
99	MP4A	X	6.224	6.224	0	%100
100	MP4A	Z	-10.78	-10.78	0	%100
101	M105	X	5.944	5.944	0	%100
102	M105	Z	-10.296	-10.296	0	%100
103	MP1C	X	6.224	6.224	0	%100
104	MP1C	Z	-10.78	-10.78	0	%100
105	M108	X	4.668	4.668	0	%100
106	M108	Z	-8.085	-8.085	0	%100
107	MP2C	X	6.224	6.224	0	%100
108	MP2C	Z	-10.78	-10.78	0	%100
109	MP3C	X	7.534	7.534	0	%100
110	MP3C	Z	-13.05	-13.05	0	%100
111	MP4C	X	6.224	6.224	0	%100
112	MP4C	Z	-10.78	-10.78	0	%100
113	M119	X	0	0	0	%100
114	M119	Z	0	0	0	%100
115	MP1B	X	6.224	6.224	0	%100
116	MP1B	Z	-10.78	-10.78	0	%100
117	M122	X	0	0	0	%100
118	M122	Z	0	0	0	%100
119	MP2B	X	6.224	6.224	0	%100
120	MP2B	Z	-10.78	-10.78	0	%100
121	MP3B	X	7.534	7.534	0	%100
122	MP3B	Z	-13.05	-13.05	0	%100
123	MP4B	X	6.224	6.224	0	%100
124	MP4B	Z	-10.78	-10.78	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M131B	X	12.102	12.102	0	%100
2	M131B	Z	-6.987	-6.987	0	%100
3	M132A	X	3.413	3.413	0	%100
4	M132A	Z	-1.971	-1.971	0	%100
5	M133A	X	3.413	3.413	0	%100
6	M133A	Z	-1.971	-1.971	0	%100
7	M134A	X	6.809	6.809	0	%100
8	M134A	Z	-3.931	-3.931	0	%100
9	M137A	X	15.123	15.123	0	%100
10	M137A	Z	-8.731	-8.731	0	%100
11	M138A	X	3.781	3.781	0	%100
12	M138A	Z	-2.183	-2.183	0	%100
13	M142A	X	20.426	20.426	0	%100
14	M142A	Z	-11.793	-11.793	0	%100
15	M143A	X	27.739	27.739	0	%100
16	M143A	Z	-16.015	-16.015	0	%100
17	M145A	X	29.216	29.216	0	%100
18	M145A	Z	-16.868	-16.868	0	%100
19	M147A	X	20.426	20.426	0	%100
20	M147A	Z	-11.793	-11.793	0	%100
21	M148A	X	6.935	6.935	0	%100
22	M148A	Z	-4.004	-4.004	0	%100
23	M150A	X	7.304	7.304	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
24	M150A	Z	-4.217	-4.217	0	%100
25	M157A	X	3.227	3.227	0	%100
26	M157A	Z	-1.863	-1.863	0	%100
27	M160A	X	15.824	15.824	0	%100
28	M160A	Z	-9.136	-9.136	0	%100
29	M161A	X	0	0	0	%100
30	M161A	Z	0	0	0	%100
31	M162A	X	13.654	13.654	0	%100
32	M162A	Z	-7.883	-7.883	0	%100
33	M163A	X	13.654	13.654	0	%100
34	M163A	Z	-7.883	-7.883	0	%100
35	M164A	X	27.234	27.234	0	%100
36	M164A	Z	-15.724	-15.724	0	%100
37	M167A	X	3.781	3.781	0	%100
38	M167A	Z	-2.183	-2.183	0	%100
39	M168A	X	3.781	3.781	0	%100
40	M168A	Z	-2.183	-2.183	0	%100
41	M172A	X	0	0	0	%100
42	M172A	Z	0	0	0	%100
43	M173A	X	6.935	6.935	0	%100
44	M173A	Z	-4.004	-4.004	0	%100
45	M175	X	7.304	7.304	0	%100
46	M175	Z	-4.217	-4.217	0	%100
47	M177	X	0	0	0	%100
48	M177	Z	0	0	0	%100
49	M178	X	6.935	6.935	0	%100
50	M178	Z	-4.004	-4.004	0	%100
51	M180	X	7.304	7.304	0	%100
52	M180	Z	-4.217	-4.217	0	%100
53	M187	X	12.909	12.909	0	%100
54	M187	Z	-7.453	-7.453	0	%100
55	OVP2	X	8.815	8.815	0	%100
56	OVP2	Z	-5.09	-5.09	0	%100
57	M190	X	8.387	8.387	0	%100
58	M190	Z	-4.842	-4.842	0	%100
59	M191	X	12.102	12.102	0	%100
60	M191	Z	-6.987	-6.987	0	%100
61	M192	X	3.413	3.413	0	%100
62	M192	Z	-1.971	-1.971	0	%100
63	M193	X	3.413	3.413	0	%100
64	M193	Z	-1.971	-1.971	0	%100
65	M194	X	6.809	6.809	0	%100
66	M194	Z	-3.931	-3.931	0	%100
67	M197	X	3.781	3.781	0	%100
68	M197	Z	-2.183	-2.183	0	%100
69	M198	X	15.123	15.123	0	%100
70	M198	Z	-8.731	-8.731	0	%100
71	M202	X	20.426	20.426	0	%100
72	M202	Z	-11.793	-11.793	0	%100
73	M203	X	6.935	6.935	0	%100
74	M203	Z	-4.004	-4.004	0	%100
75	M205	X	7.304	7.304	0	%100
76	M205	Z	-4.217	-4.217	0	%100
77	M207	X	20.426	20.426	0	%100
78	M207	Z	-11.793	-11.793	0	%100
79	M208	X	27.739	27.739	0	%100
80	M208	Z	-16.015	-16.015	0	%100
81	M210	X	29.216	29.216	0	%100
82	M210	Z	-16.868	-16.868	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
83	M217	X	3.227	3.227	0	%100
84	M217	Z	-1.863	-1.863	0	%100
85	OVP	X	8.815	8.815	0	%100
86	OVP	Z	-5.09	-5.09	0	%100
87	M220	X	15.824	15.824	0	%100
88	M220	Z	-9.136	-9.136	0	%100
89	M221	X	3.432	3.432	0	%100
90	M221	Z	-1.981	-1.981	0	%100
91	MP1A	X	10.78	10.78	0	%100
92	MP1A	Z	-6.224	-6.224	0	%100
93	M224	X	2.695	2.695	0	%100
94	M224	Z	-1.556	-1.556	0	%100
95	MP2A	X	10.78	10.78	0	%100
96	MP2A	Z	-6.224	-6.224	0	%100
97	MP3A	X	13.05	13.05	0	%100
98	MP3A	Z	-7.534	-7.534	0	%100
99	MP4A	X	10.78	10.78	0	%100
100	MP4A	Z	-6.224	-6.224	0	%100
101	M105	X	13.728	13.728	0	%100
102	M105	Z	-7.926	-7.926	0	%100
103	MP1C	X	10.78	10.78	0	%100
104	MP1C	Z	-6.224	-6.224	0	%100
105	M108	X	10.78	10.78	0	%100
106	M108	Z	-6.224	-6.224	0	%100
107	MP2C	X	10.78	10.78	0	%100
108	MP2C	Z	-6.224	-6.224	0	%100
109	MP3C	X	13.05	13.05	0	%100
110	MP3C	Z	-7.534	-7.534	0	%100
111	MP4C	X	10.78	10.78	0	%100
112	MP4C	Z	-6.224	-6.224	0	%100
113	M119	X	3.432	3.432	0	%100
114	M119	Z	-1.981	-1.981	0	%100
115	MP1B	X	10.78	10.78	0	%100
116	MP1B	Z	-6.224	-6.224	0	%100
117	M122	X	2.695	2.695	0	%100
118	M122	Z	-1.556	-1.556	0	%100
119	MP2B	X	10.78	10.78	0	%100
120	MP2B	Z	-6.224	-6.224	0	%100
121	MP3B	X	13.05	13.05	0	%100
122	MP3B	Z	-7.534	-7.534	0	%100
123	MP4B	X	10.78	10.78	0	%100
124	MP4B	Z	-6.224	-6.224	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M131B	X	18.632	18.632	0	%100
2	M131B	Z	0	0	0	%100
3	M132A	X	0	0	0	%100
4	M132A	Z	0	0	0	%100
5	M133A	X	0	0	0	%100
6	M133A	Z	0	0	0	%100
7	M134A	X	0	0	0	%100
8	M134A	Z	0	0	0	%100
9	M137A	X	13.097	13.097	0	%100
10	M137A	Z	0	0	0	%100
11	M138A	X	13.097	13.097	0	%100
12	M138A	Z	0	0	0	%100
13	M142A	X	31.447	31.447	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
14	M142A	Z	0	0	0	%100
15	M143A	X	24.022	24.022	0	%100
16	M143A	Z	0	0	0	%100
17	M145A	X	25.302	25.302	0	%100
18	M145A	Z	0	0	0	%100
19	M147A	X	31.447	31.447	0	%100
20	M147A	Z	0	0	0	%100
21	M148A	X	24.022	24.022	0	%100
22	M148A	Z	0	0	0	%100
23	M150A	X	25.302	25.302	0	%100
24	M150A	Z	0	0	0	%100
25	M157A	X	0	0	0	%100
26	M157A	Z	0	0	0	%100
27	M160A	X	21.135	21.135	0	%100
28	M160A	Z	0	0	0	%100
29	M161A	X	4.658	4.658	0	%100
30	M161A	Z	0	0	0	%100
31	M162A	X	11.825	11.825	0	%100
32	M162A	Z	0	0	0	%100
33	M163A	X	11.825	11.825	0	%100
34	M163A	Z	0	0	0	%100
35	M164A	X	23.586	23.586	0	%100
36	M164A	Z	0	0	0	%100
37	M167A	X	13.097	13.097	0	%100
38	M167A	Z	0	0	0	%100
39	M168A	X	0	0	0	%100
40	M168A	Z	0	0	0	%100
41	M172A	X	7.862	7.862	0	%100
42	M172A	Z	0	0	0	%100
43	M173A	X	24.022	24.022	0	%100
44	M173A	Z	0	0	0	%100
45	M175	X	25.302	25.302	0	%100
46	M175	Z	0	0	0	%100
47	M177	X	7.862	7.862	0	%100
48	M177	Z	0	0	0	%100
49	M178	X	0	0	0	%100
50	M178	Z	0	0	0	%100
51	M180	X	0	0	0	%100
52	M180	Z	0	0	0	%100
53	M187	X	11.18	11.18	0	%100
54	M187	Z	0	0	0	%100
55	OVP2	X	10.179	10.179	0	%100
56	OVP2	Z	0	0	0	%100
57	M190	X	12.547	12.547	0	%100
58	M190	Z	0	0	0	%100
59	M191	X	4.658	4.658	0	%100
60	M191	Z	0	0	0	%100
61	M192	X	11.825	11.825	0	%100
62	M192	Z	0	0	0	%100
63	M193	X	11.825	11.825	0	%100
64	M193	Z	0	0	0	%100
65	M194	X	23.586	23.586	0	%100
66	M194	Z	0	0	0	%100
67	M197	X	0	0	0	%100
68	M197	Z	0	0	0	%100
69	M198	X	13.097	13.097	0	%100
70	M198	Z	0	0	0	%100
71	M202	X	7.862	7.862	0	%100
72	M202	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,...	Start Location[ft,%]	End Location[ft,%]
73	M203	X	0	0	0	%100
74	M203	Z	0	0	0	%100
75	M205	X	0	0	0	%100
76	M205	Z	0	0	0	%100
77	M207	X	7.862	7.862	0	%100
78	M207	Z	0	0	0	%100
79	M208	X	24.022	24.022	0	%100
80	M208	Z	0	0	0	%100
81	M210	X	25.302	25.302	0	%100
82	M210	Z	0	0	0	%100
83	M217	X	11.18	11.18	0	%100
84	M217	Z	0	0	0	%100
85	OVP	X	10.179	10.179	0	%100
86	OVP	Z	0	0	0	%100
87	M220	X	12.547	12.547	0	%100
88	M220	Z	0	0	0	%100
89	M221	X	0	0	0	%100
90	M221	Z	0	0	0	%100
91	MP1A	X	12.448	12.448	0	%100
92	MP1A	Z	0	0	0	%100
93	M224	X	0	0	0	%100
94	M224	Z	0	0	0	%100
95	MP2A	X	12.448	12.448	0	%100
96	MP2A	Z	0	0	0	%100
97	MP3A	X	15.069	15.069	0	%100
98	MP3A	Z	0	0	0	%100
99	MP4A	X	12.448	12.448	0	%100
100	MP4A	Z	0	0	0	%100
101	M105	X	11.889	11.889	0	%100
102	M105	Z	0	0	0	%100
103	MP1C	X	12.448	12.448	0	%100
104	MP1C	Z	0	0	0	%100
105	M108	X	9.336	9.336	0	%100
106	M108	Z	0	0	0	%100
107	MP2C	X	12.448	12.448	0	%100
108	MP2C	Z	0	0	0	%100
109	MP3C	X	15.069	15.069	0	%100
110	MP3C	Z	0	0	0	%100
111	MP4C	X	12.448	12.448	0	%100
112	MP4C	Z	0	0	0	%100
113	M119	X	11.889	11.889	0	%100
114	M119	Z	0	0	0	%100
115	MP1B	X	12.448	12.448	0	%100
116	MP1B	Z	0	0	0	%100
117	M122	X	9.336	9.336	0	%100
118	M122	Z	0	0	0	%100
119	MP2B	X	12.448	12.448	0	%100
120	MP2B	Z	0	0	0	%100
121	MP3B	X	15.069	15.069	0	%100
122	MP3B	Z	0	0	0	%100
123	MP4B	X	12.448	12.448	0	%100
124	MP4B	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,...	Start Location[ft,%]	End Location[ft,%]
1	M131B	X	12.102	12.102	0	%100
2	M131B	Z	6.987	6.987	0	%100
3	M132A	X	3.413	3.413	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
4	M132A	Z	1.971	1.971	0	%100
5	M133A	X	3.413	3.413	0	%100
6	M133A	Z	1.971	1.971	0	%100
7	M134A	X	6.809	6.809	0	%100
8	M134A	Z	3.931	3.931	0	%100
9	M137A	X	3.781	3.781	0	%100
10	M137A	Z	2.183	2.183	0	%100
11	M138A	X	15.123	15.123	0	%100
12	M138A	Z	8.731	8.731	0	%100
13	M142A	X	20.426	20.426	0	%100
14	M142A	Z	11.793	11.793	0	%100
15	M143A	X	6.935	6.935	0	%100
16	M143A	Z	4.004	4.004	0	%100
17	M145A	X	7.304	7.304	0	%100
18	M145A	Z	4.217	4.217	0	%100
19	M147A	X	20.426	20.426	0	%100
20	M147A	Z	11.793	11.793	0	%100
21	M148A	X	27.739	27.739	0	%100
22	M148A	Z	16.015	16.015	0	%100
23	M150A	X	29.216	29.216	0	%100
24	M150A	Z	16.868	16.868	0	%100
25	M157A	X	3.227	3.227	0	%100
26	M157A	Z	1.863	1.863	0	%100
27	M160A	X	15.824	15.824	0	%100
28	M160A	Z	9.136	9.136	0	%100
29	M161A	X	12.102	12.102	0	%100
30	M161A	Z	6.987	6.987	0	%100
31	M162A	X	3.413	3.413	0	%100
32	M162A	Z	1.971	1.971	0	%100
33	M163A	X	3.413	3.413	0	%100
34	M163A	Z	1.971	1.971	0	%100
35	M164A	X	6.809	6.809	0	%100
36	M164A	Z	3.931	3.931	0	%100
37	M167A	X	15.123	15.123	0	%100
38	M167A	Z	8.731	8.731	0	%100
39	M168A	X	3.781	3.781	0	%100
40	M168A	Z	2.183	2.183	0	%100
41	M172A	X	20.426	20.426	0	%100
42	M172A	Z	11.793	11.793	0	%100
43	M173A	X	27.739	27.739	0	%100
44	M173A	Z	16.015	16.015	0	%100
45	M175	X	29.216	29.216	0	%100
46	M175	Z	16.868	16.868	0	%100
47	M177	X	20.426	20.426	0	%100
48	M177	Z	11.793	11.793	0	%100
49	M178	X	6.935	6.935	0	%100
50	M178	Z	4.004	4.004	0	%100
51	M180	X	7.304	7.304	0	%100
52	M180	Z	4.217	4.217	0	%100
53	M187	X	3.227	3.227	0	%100
54	M187	Z	1.863	1.863	0	%100
55	OVP2	X	8.815	8.815	0	%100
56	OVP2	Z	5.09	5.09	0	%100
57	M190	X	15.824	15.824	0	%100
58	M190	Z	9.136	9.136	0	%100
59	M191	X	0	0	0	%100
60	M191	Z	0	0	0	%100
61	M192	X	13.654	13.654	0	%100
62	M192	Z	7.883	7.883	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
63	M193	X	13.654	13.654	0	%100
64	M193	Z	7.883	7.883	0	%100
65	M194	X	27.234	27.234	0	%100
66	M194	Z	15.724	15.724	0	%100
67	M197	X	3.781	3.781	0	%100
68	M197	Z	2.183	2.183	0	%100
69	M198	X	3.781	3.781	0	%100
70	M198	Z	2.183	2.183	0	%100
71	M202	X	0	0	0	%100
72	M202	Z	0	0	0	%100
73	M203	X	6.935	6.935	0	%100
74	M203	Z	4.004	4.004	0	%100
75	M205	X	7.304	7.304	0	%100
76	M205	Z	4.217	4.217	0	%100
77	M207	X	0	0	0	%100
78	M207	Z	0	0	0	%100
79	M208	X	6.935	6.935	0	%100
80	M208	Z	4.004	4.004	0	%100
81	M210	X	7.304	7.304	0	%100
82	M210	Z	4.217	4.217	0	%100
83	M217	X	12.909	12.909	0	%100
84	M217	Z	7.453	7.453	0	%100
85	OVP	X	8.815	8.815	0	%100
86	OVP	Z	5.09	5.09	0	%100
87	M220	X	8.387	8.387	0	%100
88	M220	Z	4.842	4.842	0	%100
89	M221	X	3.432	3.432	0	%100
90	M221	Z	1.981	1.981	0	%100
91	MP1A	X	10.78	10.78	0	%100
92	MP1A	Z	6.224	6.224	0	%100
93	M224	X	2.695	2.695	0	%100
94	M224	Z	1.556	1.556	0	%100
95	MP2A	X	10.78	10.78	0	%100
96	MP2A	Z	6.224	6.224	0	%100
97	MP3A	X	13.05	13.05	0	%100
98	MP3A	Z	7.534	7.534	0	%100
99	MP4A	X	10.78	10.78	0	%100
100	MP4A	Z	6.224	6.224	0	%100
101	M105	X	3.432	3.432	0	%100
102	M105	Z	1.981	1.981	0	%100
103	MP1C	X	10.78	10.78	0	%100
104	MP1C	Z	6.224	6.224	0	%100
105	M108	X	2.695	2.695	0	%100
106	M108	Z	1.556	1.556	0	%100
107	MP2C	X	10.78	10.78	0	%100
108	MP2C	Z	6.224	6.224	0	%100
109	MP3C	X	13.05	13.05	0	%100
110	MP3C	Z	7.534	7.534	0	%100
111	MP4C	X	10.78	10.78	0	%100
112	MP4C	Z	6.224	6.224	0	%100
113	M119	X	13.728	13.728	0	%100
114	M119	Z	7.926	7.926	0	%100
115	MP1B	X	10.78	10.78	0	%100
116	MP1B	Z	6.224	6.224	0	%100
117	M122	X	10.78	10.78	0	%100
118	M122	Z	6.224	6.224	0	%100
119	MP2B	X	10.78	10.78	0	%100
120	MP2B	Z	6.224	6.224	0	%100
121	MP3B	X	13.05	13.05	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
122	MP3B	Z	7.534	7.534	0	%100
123	MP4B	X	10.78	10.78	0	%100
124	MP4B	Z	6.224	6.224	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M131B	X	2.329	2.329	0	%100
2	M131B	Z	4.034	4.034	0	%100
3	M132A	X	5.912	5.912	0	%100
4	M132A	Z	10.24	10.24	0	%100
5	M133A	X	5.912	5.912	0	%100
6	M133A	Z	10.24	10.24	0	%100
7	M134A	X	11.793	11.793	0	%100
8	M134A	Z	20.426	20.426	0	%100
9	M137A	X	0	0	0	%100
10	M137A	Z	0	0	0	%100
11	M138A	X	6.548	6.548	0	%100
12	M138A	Z	11.342	11.342	0	%100
13	M142A	X	3.931	3.931	0	%100
14	M142A	Z	6.809	6.809	0	%100
15	M143A	X	0	0	0	%100
16	M143A	Z	0	0	0	%100
17	M145A	X	0	0	0	%100
18	M145A	Z	0	0	0	%100
19	M147A	X	3.931	3.931	0	%100
20	M147A	Z	6.809	6.809	0	%100
21	M148A	X	12.011	12.011	0	%100
22	M148A	Z	20.804	20.804	0	%100
23	M150A	X	12.651	12.651	0	%100
24	M150A	Z	21.912	21.912	0	%100
25	M157A	X	5.59	5.59	0	%100
26	M157A	Z	9.682	9.682	0	%100
27	M160A	X	6.274	6.274	0	%100
28	M160A	Z	10.866	10.866	0	%100
29	M161A	X	9.316	9.316	0	%100
30	M161A	Z	16.136	16.136	0	%100
31	M162A	X	0	0	0	%100
32	M162A	Z	0	0	0	%100
33	M163A	X	0	0	0	%100
34	M163A	Z	0	0	0	%100
35	M164A	X	0	0	0	%100
36	M164A	Z	0	0	0	%100
37	M167A	X	6.548	6.548	0	%100
38	M167A	Z	11.342	11.342	0	%100
39	M168A	X	6.548	6.548	0	%100
40	M168A	Z	11.342	11.342	0	%100
41	M172A	X	15.724	15.724	0	%100
42	M172A	Z	27.234	27.234	0	%100
43	M173A	X	12.011	12.011	0	%100
44	M173A	Z	20.804	20.804	0	%100
45	M175	X	12.651	12.651	0	%100
46	M175	Z	21.912	21.912	0	%100
47	M177	X	15.724	15.724	0	%100
48	M177	Z	27.234	27.234	0	%100
49	M178	X	12.011	12.011	0	%100
50	M178	Z	20.804	20.804	0	%100
51	M180	X	12.651	12.651	0	%100
52	M180	Z	21.912	21.912	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
53	M187	X	0	0	0	%100
54	M187	Z	0	0	0	%100
55	OVP2	X	5.09	5.09	0	%100
56	OVP2	Z	8.815	8.815	0	%100
57	M190	X	10.567	10.567	0	%100
58	M190	Z	18.303	18.303	0	%100
59	M191	X	2.329	2.329	0	%100
60	M191	Z	4.034	4.034	0	%100
61	M192	X	5.912	5.912	0	%100
62	M192	Z	10.24	10.24	0	%100
63	M193	X	5.912	5.912	0	%100
64	M193	Z	10.24	10.24	0	%100
65	M194	X	11.793	11.793	0	%100
66	M194	Z	20.426	20.426	0	%100
67	M197	X	6.548	6.548	0	%100
68	M197	Z	11.342	11.342	0	%100
69	M198	X	0	0	0	%100
70	M198	Z	0	0	0	%100
71	M202	X	3.931	3.931	0	%100
72	M202	Z	6.809	6.809	0	%100
73	M203	X	12.011	12.011	0	%100
74	M203	Z	20.804	20.804	0	%100
75	M205	X	12.651	12.651	0	%100
76	M205	Z	21.912	21.912	0	%100
77	M207	X	3.931	3.931	0	%100
78	M207	Z	6.809	6.809	0	%100
79	M208	X	0	0	0	%100
80	M208	Z	0	0	0	%100
81	M210	X	0	0	0	%100
82	M210	Z	0	0	0	%100
83	M217	X	5.59	5.59	0	%100
84	M217	Z	9.682	9.682	0	%100
85	OVP	X	5.09	5.09	0	%100
86	OVP	Z	8.815	8.815	0	%100
87	M220	X	6.274	6.274	0	%100
88	M220	Z	10.866	10.866	0	%100
89	M221	X	5.944	5.944	0	%100
90	M221	Z	10.296	10.296	0	%100
91	MP1A	X	6.224	6.224	0	%100
92	MP1A	Z	10.78	10.78	0	%100
93	M224	X	4.668	4.668	0	%100
94	M224	Z	8.085	8.085	0	%100
95	MP2A	X	6.224	6.224	0	%100
96	MP2A	Z	10.78	10.78	0	%100
97	MP3A	X	7.534	7.534	0	%100
98	MP3A	Z	13.05	13.05	0	%100
99	MP4A	X	6.224	6.224	0	%100
100	MP4A	Z	10.78	10.78	0	%100
101	M105	X	0	0	0	%100
102	M105	Z	0	0	0	%100
103	MP1C	X	6.224	6.224	0	%100
104	MP1C	Z	10.78	10.78	0	%100
105	M108	X	0	0	0	%100
106	M108	Z	0	0	0	%100
107	MP2C	X	6.224	6.224	0	%100
108	MP2C	Z	10.78	10.78	0	%100
109	MP3C	X	7.534	7.534	0	%100
110	MP3C	Z	13.05	13.05	0	%100
111	MP4C	X	6.224	6.224	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
112	MP4C	Z	10.78	10.78	0	%100
113	M119	X	5.944	5.944	0	%100
114	M119	Z	10.296	10.296	0	%100
115	MP1B	X	6.224	6.224	0	%100
116	MP1B	Z	10.78	10.78	0	%100
117	M122	X	4.668	4.668	0	%100
118	M122	Z	8.085	8.085	0	%100
119	MP2B	X	6.224	6.224	0	%100
120	MP2B	Z	10.78	10.78	0	%100
121	MP3B	X	7.534	7.534	0	%100
122	MP3B	Z	13.05	13.05	0	%100
123	MP4B	X	6.224	6.224	0	%100
124	MP4B	Z	10.78	10.78	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M131B	X	0	0	0	%100
2	M131B	Z	0	0	0	%100
3	M132A	X	0	0	0	%100
4	M132A	Z	15.766	15.766	0	%100
5	M133A	X	0	0	0	%100
6	M133A	Z	15.766	15.766	0	%100
7	M134A	X	0	0	0	%100
8	M134A	Z	31.447	31.447	0	%100
9	M137A	X	0	0	0	%100
10	M137A	Z	4.366	4.366	0	%100
11	M138A	X	0	0	0	%100
12	M138A	Z	4.366	4.366	0	%100
13	M142A	X	0	0	0	%100
14	M142A	Z	0	0	0	%100
15	M143A	X	0	0	0	%100
16	M143A	Z	8.007	8.007	0	%100
17	M145A	X	0	0	0	%100
18	M145A	Z	8.434	8.434	0	%100
19	M147A	X	0	0	0	%100
20	M147A	Z	0	0	0	%100
21	M148A	X	0	0	0	%100
22	M148A	Z	8.007	8.007	0	%100
23	M150A	X	0	0	0	%100
24	M150A	Z	8.434	8.434	0	%100
25	M157A	X	0	0	0	%100
26	M157A	Z	14.906	14.906	0	%100
27	M160A	X	0	0	0	%100
28	M160A	Z	9.685	9.685	0	%100
29	M161A	X	0	0	0	%100
30	M161A	Z	13.974	13.974	0	%100
31	M162A	X	0	0	0	%100
32	M162A	Z	3.942	3.942	0	%100
33	M163A	X	0	0	0	%100
34	M163A	Z	3.942	3.942	0	%100
35	M164A	X	0	0	0	%100
36	M164A	Z	7.862	7.862	0	%100
37	M167A	X	0	0	0	%100
38	M167A	Z	4.366	4.366	0	%100
39	M168A	X	0	0	0	%100
40	M168A	Z	17.462	17.462	0	%100
41	M172A	X	0	0	0	%100
42	M172A	Z	23.586	23.586	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
43	M173A	X	0	0	0	%100
44	M173A	Z	8.007	8.007	0	%100
45	M175	X	0	0	0	%100
46	M175	Z	8.434	8.434	0	%100
47	M177	X	0	0	0	%100
48	M177	Z	23.586	23.586	0	%100
49	M178	X	0	0	0	%100
50	M178	Z	32.03	32.03	0	%100
51	M180	X	0	0	0	%100
52	M180	Z	33.736	33.736	0	%100
53	M187	X	0	0	0	%100
54	M187	Z	3.727	3.727	0	%100
55	OVP2	X	0	0	0	%100
56	OVP2	Z	10.179	10.179	0	%100
57	M190	X	0	0	0	%100
58	M190	Z	18.272	18.272	0	%100
59	M191	X	0	0	0	%100
60	M191	Z	13.974	13.974	0	%100
61	M192	X	0	0	0	%100
62	M192	Z	3.942	3.942	0	%100
63	M193	X	0	0	0	%100
64	M193	Z	3.942	3.942	0	%100
65	M194	X	0	0	0	%100
66	M194	Z	7.862	7.862	0	%100
67	M197	X	0	0	0	%100
68	M197	Z	17.462	17.462	0	%100
69	M198	X	0	0	0	%100
70	M198	Z	4.366	4.366	0	%100
71	M202	X	0	0	0	%100
72	M202	Z	23.586	23.586	0	%100
73	M203	X	0	0	0	%100
74	M203	Z	32.03	32.03	0	%100
75	M205	X	0	0	0	%100
76	M205	Z	33.736	33.736	0	%100
77	M207	X	0	0	0	%100
78	M207	Z	23.586	23.586	0	%100
79	M208	X	0	0	0	%100
80	M208	Z	8.007	8.007	0	%100
81	M210	X	0	0	0	%100
82	M210	Z	8.434	8.434	0	%100
83	M217	X	0	0	0	%100
84	M217	Z	3.727	3.727	0	%100
85	OVP	X	0	0	0	%100
86	OVP	Z	10.179	10.179	0	%100
87	M220	X	0	0	0	%100
88	M220	Z	18.272	18.272	0	%100
89	M221	X	0	0	0	%100
90	M221	Z	15.851	15.851	0	%100
91	MP1A	X	0	0	0	%100
92	MP1A	Z	12.448	12.448	0	%100
93	M224	X	0	0	0	%100
94	M224	Z	12.448	12.448	0	%100
95	MP2A	X	0	0	0	%100
96	MP2A	Z	12.448	12.448	0	%100
97	MP3A	X	0	0	0	%100
98	MP3A	Z	15.069	15.069	0	%100
99	MP4A	X	0	0	0	%100
100	MP4A	Z	12.448	12.448	0	%100
101	M105	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,...	Start Location[ft,%]	End Location[ft,%]
102	M105	Z	3.963	3.963	0	%100
103	MP1C	X	0	0	0	%100
104	MP1C	Z	12.448	12.448	0	%100
105	M108	X	0	0	0	%100
106	M108	Z	3.112	3.112	0	%100
107	MP2C	X	0	0	0	%100
108	MP2C	Z	12.448	12.448	0	%100
109	MP3C	X	0	0	0	%100
110	MP3C	Z	15.069	15.069	0	%100
111	MP4C	X	0	0	0	%100
112	MP4C	Z	12.448	12.448	0	%100
113	M119	X	0	0	0	%100
114	M119	Z	3.963	3.963	0	%100
115	MP1B	X	0	0	0	%100
116	MP1B	Z	12.448	12.448	0	%100
117	M122	X	0	0	0	%100
118	M122	Z	3.112	3.112	0	%100
119	MP2B	X	0	0	0	%100
120	MP2B	Z	12.448	12.448	0	%100
121	MP3B	X	0	0	0	%100
122	MP3B	Z	15.069	15.069	0	%100
123	MP4B	X	0	0	0	%100
124	MP4B	Z	12.448	12.448	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M131B	X	-2.329	-2.329	0	%100
2	M131B	Z	4.034	4.034	0	%100
3	M132A	X	-5.912	-5.912	0	%100
4	M132A	Z	10.24	10.24	0	%100
5	M133A	X	-5.912	-5.912	0	%100
6	M133A	Z	10.24	10.24	0	%100
7	M134A	X	-11.793	-11.793	0	%100
8	M134A	Z	20.426	20.426	0	%100
9	M137A	X	-6.548	-6.548	0	%100
10	M137A	Z	11.342	11.342	0	%100
11	M138A	X	0	0	0	%100
12	M138A	Z	0	0	0	%100
13	M142A	X	-3.931	-3.931	0	%100
14	M142A	Z	6.809	6.809	0	%100
15	M143A	X	-12.011	-12.011	0	%100
16	M143A	Z	20.804	20.804	0	%100
17	M145A	X	-12.651	-12.651	0	%100
18	M145A	Z	21.912	21.912	0	%100
19	M147A	X	-3.931	-3.931	0	%100
20	M147A	Z	6.809	6.809	0	%100
21	M148A	X	0	0	0	%100
22	M148A	Z	0	0	0	%100
23	M150A	X	0	0	0	%100
24	M150A	Z	0	0	0	%100
25	M157A	X	-5.59	-5.59	0	%100
26	M157A	Z	9.682	9.682	0	%100
27	M160A	X	-6.274	-6.274	0	%100
28	M160A	Z	10.866	10.866	0	%100
29	M161A	X	-2.329	-2.329	0	%100
30	M161A	Z	4.034	4.034	0	%100
31	M162A	X	-5.912	-5.912	0	%100
32	M162A	Z	10.24	10.24	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
33	M163A	X	-5.912	-5.912	0	%100
34	M163A	Z	10.24	10.24	0	%100
35	M164A	X	-11.793	-11.793	0	%100
36	M164A	Z	20.426	20.426	0	%100
37	M167A	X	0	0	0	%100
38	M167A	Z	0	0	0	%100
39	M168A	X	-6.548	-6.548	0	%100
40	M168A	Z	11.342	11.342	0	%100
41	M172A	X	-3.931	-3.931	0	%100
42	M172A	Z	6.809	6.809	0	%100
43	M173A	X	0	0	0	%100
44	M173A	Z	0	0	0	%100
45	M175	X	0	0	0	%100
46	M175	Z	0	0	0	%100
47	M177	X	-3.931	-3.931	0	%100
48	M177	Z	6.809	6.809	0	%100
49	M178	X	-12.011	-12.011	0	%100
50	M178	Z	20.804	20.804	0	%100
51	M180	X	-12.651	-12.651	0	%100
52	M180	Z	21.912	21.912	0	%100
53	M187	X	-5.59	-5.59	0	%100
54	M187	Z	9.682	9.682	0	%100
55	OVP2	X	-5.09	-5.09	0	%100
56	OVP2	Z	8.815	8.815	0	%100
57	M190	X	-6.274	-6.274	0	%100
58	M190	Z	10.866	10.866	0	%100
59	M191	X	-9.316	-9.316	0	%100
60	M191	Z	16.136	16.136	0	%100
61	M192	X	0	0	0	%100
62	M192	Z	0	0	0	%100
63	M193	X	0	0	0	%100
64	M193	Z	0	0	0	%100
65	M194	X	0	0	0	%100
66	M194	Z	0	0	0	%100
67	M197	X	-6.548	-6.548	0	%100
68	M197	Z	11.342	11.342	0	%100
69	M198	X	-6.548	-6.548	0	%100
70	M198	Z	11.342	11.342	0	%100
71	M202	X	-15.724	-15.724	0	%100
72	M202	Z	27.234	27.234	0	%100
73	M203	X	-12.011	-12.011	0	%100
74	M203	Z	20.804	20.804	0	%100
75	M205	X	-12.651	-12.651	0	%100
76	M205	Z	21.912	21.912	0	%100
77	M207	X	-15.724	-15.724	0	%100
78	M207	Z	27.234	27.234	0	%100
79	M208	X	-12.011	-12.011	0	%100
80	M208	Z	20.804	20.804	0	%100
81	M210	X	-12.651	-12.651	0	%100
82	M210	Z	21.912	21.912	0	%100
83	M217	X	0	0	0	%100
84	M217	Z	0	0	0	%100
85	OVP	X	-5.09	-5.09	0	%100
86	OVP	Z	8.815	8.815	0	%100
87	M220	X	-10.567	-10.567	0	%100
88	M220	Z	18.303	18.303	0	%100
89	M221	X	-5.944	-5.944	0	%100
90	M221	Z	10.296	10.296	0	%100
91	MP1A	X	-6.224	-6.224	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
92	MP1A	Z	10.78	10.78	0	%100
93	M224	X	-4.668	-4.668	0	%100
94	M224	Z	8.085	8.085	0	%100
95	MP2A	X	-6.224	-6.224	0	%100
96	MP2A	Z	10.78	10.78	0	%100
97	MP3A	X	-7.534	-7.534	0	%100
98	MP3A	Z	13.05	13.05	0	%100
99	MP4A	X	-6.224	-6.224	0	%100
100	MP4A	Z	10.78	10.78	0	%100
101	M105	X	-5.944	-5.944	0	%100
102	M105	Z	10.296	10.296	0	%100
103	MP1C	X	-6.224	-6.224	0	%100
104	MP1C	Z	10.78	10.78	0	%100
105	M108	X	-4.668	-4.668	0	%100
106	M108	Z	8.085	8.085	0	%100
107	MP2C	X	-6.224	-6.224	0	%100
108	MP2C	Z	10.78	10.78	0	%100
109	MP3C	X	-7.534	-7.534	0	%100
110	MP3C	Z	13.05	13.05	0	%100
111	MP4C	X	-6.224	-6.224	0	%100
112	MP4C	Z	10.78	10.78	0	%100
113	M119	X	0	0	0	%100
114	M119	Z	0	0	0	%100
115	MP1B	X	-6.224	-6.224	0	%100
116	MP1B	Z	10.78	10.78	0	%100
117	M122	X	0	0	0	%100
118	M122	Z	0	0	0	%100
119	MP2B	X	-6.224	-6.224	0	%100
120	MP2B	Z	10.78	10.78	0	%100
121	MP3B	X	-7.534	-7.534	0	%100
122	MP3B	Z	13.05	13.05	0	%100
123	MP4B	X	-6.224	-6.224	0	%100
124	MP4B	Z	10.78	10.78	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M131B	X	-12.102	-12.102	0	%100
2	M131B	Z	6.987	6.987	0	%100
3	M132A	X	-3.413	-3.413	0	%100
4	M132A	Z	1.971	1.971	0	%100
5	M133A	X	-3.413	-3.413	0	%100
6	M133A	Z	1.971	1.971	0	%100
7	M134A	X	-6.809	-6.809	0	%100
8	M134A	Z	3.931	3.931	0	%100
9	M137A	X	-15.123	-15.123	0	%100
10	M137A	Z	8.731	8.731	0	%100
11	M138A	X	-3.781	-3.781	0	%100
12	M138A	Z	2.183	2.183	0	%100
13	M142A	X	-20.426	-20.426	0	%100
14	M142A	Z	11.793	11.793	0	%100
15	M143A	X	-27.739	-27.739	0	%100
16	M143A	Z	16.015	16.015	0	%100
17	M145A	X	-29.216	-29.216	0	%100
18	M145A	Z	16.868	16.868	0	%100
19	M147A	X	-20.426	-20.426	0	%100
20	M147A	Z	11.793	11.793	0	%100
21	M148A	X	-6.935	-6.935	0	%100
22	M148A	Z	4.004	4.004	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
23	M150A	X	-7.304	-7.304	0	%100
24	M150A	Z	4.217	4.217	0	%100
25	M157A	X	-3.227	-3.227	0	%100
26	M157A	Z	1.863	1.863	0	%100
27	M160A	X	-15.824	-15.824	0	%100
28	M160A	Z	9.136	9.136	0	%100
29	M161A	X	0	0	0	%100
30	M161A	Z	0	0	0	%100
31	M162A	X	-13.654	-13.654	0	%100
32	M162A	Z	7.883	7.883	0	%100
33	M163A	X	-13.654	-13.654	0	%100
34	M163A	Z	7.883	7.883	0	%100
35	M164A	X	-27.234	-27.234	0	%100
36	M164A	Z	15.724	15.724	0	%100
37	M167A	X	-3.781	-3.781	0	%100
38	M167A	Z	2.183	2.183	0	%100
39	M168A	X	-3.781	-3.781	0	%100
40	M168A	Z	2.183	2.183	0	%100
41	M172A	X	0	0	0	%100
42	M172A	Z	0	0	0	%100
43	M173A	X	-6.935	-6.935	0	%100
44	M173A	Z	4.004	4.004	0	%100
45	M175	X	-7.304	-7.304	0	%100
46	M175	Z	4.217	4.217	0	%100
47	M177	X	0	0	0	%100
48	M177	Z	0	0	0	%100
49	M178	X	-6.935	-6.935	0	%100
50	M178	Z	4.004	4.004	0	%100
51	M180	X	-7.304	-7.304	0	%100
52	M180	Z	4.217	4.217	0	%100
53	M187	X	-12.909	-12.909	0	%100
54	M187	Z	7.453	7.453	0	%100
55	OVP2	X	-8.815	-8.815	0	%100
56	OVP2	Z	5.09	5.09	0	%100
57	M190	X	-8.387	-8.387	0	%100
58	M190	Z	4.842	4.842	0	%100
59	M191	X	-12.102	-12.102	0	%100
60	M191	Z	6.987	6.987	0	%100
61	M192	X	-3.413	-3.413	0	%100
62	M192	Z	1.971	1.971	0	%100
63	M193	X	-3.413	-3.413	0	%100
64	M193	Z	1.971	1.971	0	%100
65	M194	X	-6.809	-6.809	0	%100
66	M194	Z	3.931	3.931	0	%100
67	M197	X	-3.781	-3.781	0	%100
68	M197	Z	2.183	2.183	0	%100
69	M198	X	-15.123	-15.123	0	%100
70	M198	Z	8.731	8.731	0	%100
71	M202	X	-20.426	-20.426	0	%100
72	M202	Z	11.793	11.793	0	%100
73	M203	X	-6.935	-6.935	0	%100
74	M203	Z	4.004	4.004	0	%100
75	M205	X	-7.304	-7.304	0	%100
76	M205	Z	4.217	4.217	0	%100
77	M207	X	-20.426	-20.426	0	%100
78	M207	Z	11.793	11.793	0	%100
79	M208	X	-27.739	-27.739	0	%100
80	M208	Z	16.015	16.015	0	%100
81	M210	X	-29.216	-29.216	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
82	M210	Z	16.868	16.868	0	%100
83	M217	X	-3.227	-3.227	0	%100
84	M217	Z	1.863	1.863	0	%100
85	OVP	X	-8.815	-8.815	0	%100
86	OVP	Z	5.09	5.09	0	%100
87	M220	X	-15.824	-15.824	0	%100
88	M220	Z	9.136	9.136	0	%100
89	M221	X	-3.432	-3.432	0	%100
90	M221	Z	1.981	1.981	0	%100
91	MP1A	X	-10.78	-10.78	0	%100
92	MP1A	Z	6.224	6.224	0	%100
93	M224	X	-2.695	-2.695	0	%100
94	M224	Z	1.556	1.556	0	%100
95	MP2A	X	-10.78	-10.78	0	%100
96	MP2A	Z	6.224	6.224	0	%100
97	MP3A	X	-13.05	-13.05	0	%100
98	MP3A	Z	7.534	7.534	0	%100
99	MP4A	X	-10.78	-10.78	0	%100
100	MP4A	Z	6.224	6.224	0	%100
101	M105	X	-13.728	-13.728	0	%100
102	M105	Z	7.926	7.926	0	%100
103	MP1C	X	-10.78	-10.78	0	%100
104	MP1C	Z	6.224	6.224	0	%100
105	M108	X	-10.78	-10.78	0	%100
106	M108	Z	6.224	6.224	0	%100
107	MP2C	X	-10.78	-10.78	0	%100
108	MP2C	Z	6.224	6.224	0	%100
109	MP3C	X	-13.05	-13.05	0	%100
110	MP3C	Z	7.534	7.534	0	%100
111	MP4C	X	-10.78	-10.78	0	%100
112	MP4C	Z	6.224	6.224	0	%100
113	M119	X	-3.432	-3.432	0	%100
114	M119	Z	1.981	1.981	0	%100
115	MP1B	X	-10.78	-10.78	0	%100
116	MP1B	Z	6.224	6.224	0	%100
117	M122	X	-2.695	-2.695	0	%100
118	M122	Z	1.556	1.556	0	%100
119	MP2B	X	-10.78	-10.78	0	%100
120	MP2B	Z	6.224	6.224	0	%100
121	MP3B	X	-13.05	-13.05	0	%100
122	MP3B	Z	7.534	7.534	0	%100
123	MP4B	X	-10.78	-10.78	0	%100
124	MP4B	Z	6.224	6.224	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M131B	X	-18.632	-18.632	0	%100
2	M131B	Z	0	0	0	%100
3	M132A	X	0	0	0	%100
4	M132A	Z	0	0	0	%100
5	M133A	X	0	0	0	%100
6	M133A	Z	0	0	0	%100
7	M134A	X	0	0	0	%100
8	M134A	Z	0	0	0	%100
9	M137A	X	-13.097	-13.097	0	%100
10	M137A	Z	0	0	0	%100
11	M138A	X	-13.097	-13.097	0	%100
12	M138A	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,...	Start Location[ft,%]	End Location[ft,%]
13	M142A	X	-31.447	-31.447	0	%100
14	M142A	Z	0	0	0	%100
15	M143A	X	-24.022	-24.022	0	%100
16	M143A	Z	0	0	0	%100
17	M145A	X	-25.302	-25.302	0	%100
18	M145A	Z	0	0	0	%100
19	M147A	X	-31.447	-31.447	0	%100
20	M147A	Z	0	0	0	%100
21	M148A	X	-24.022	-24.022	0	%100
22	M148A	Z	0	0	0	%100
23	M150A	X	-25.302	-25.302	0	%100
24	M150A	Z	0	0	0	%100
25	M157A	X	0	0	0	%100
26	M157A	Z	0	0	0	%100
27	M160A	X	-21.135	-21.135	0	%100
28	M160A	Z	0	0	0	%100
29	M161A	X	-4.658	-4.658	0	%100
30	M161A	Z	0	0	0	%100
31	M162A	X	-11.825	-11.825	0	%100
32	M162A	Z	0	0	0	%100
33	M163A	X	-11.825	-11.825	0	%100
34	M163A	Z	0	0	0	%100
35	M164A	X	-23.586	-23.586	0	%100
36	M164A	Z	0	0	0	%100
37	M167A	X	-13.097	-13.097	0	%100
38	M167A	Z	0	0	0	%100
39	M168A	X	0	0	0	%100
40	M168A	Z	0	0	0	%100
41	M172A	X	-7.862	-7.862	0	%100
42	M172A	Z	0	0	0	%100
43	M173A	X	-24.022	-24.022	0	%100
44	M173A	Z	0	0	0	%100
45	M175	X	-25.302	-25.302	0	%100
46	M175	Z	0	0	0	%100
47	M177	X	-7.862	-7.862	0	%100
48	M177	Z	0	0	0	%100
49	M178	X	0	0	0	%100
50	M178	Z	0	0	0	%100
51	M180	X	0	0	0	%100
52	M180	Z	0	0	0	%100
53	M187	X	-11.18	-11.18	0	%100
54	M187	Z	0	0	0	%100
55	OVP2	X	-10.179	-10.179	0	%100
56	OVP2	Z	0	0	0	%100
57	M190	X	-12.547	-12.547	0	%100
58	M190	Z	0	0	0	%100
59	M191	X	-4.658	-4.658	0	%100
60	M191	Z	0	0	0	%100
61	M192	X	-11.825	-11.825	0	%100
62	M192	Z	0	0	0	%100
63	M193	X	-11.825	-11.825	0	%100
64	M193	Z	0	0	0	%100
65	M194	X	-23.586	-23.586	0	%100
66	M194	Z	0	0	0	%100
67	M197	X	0	0	0	%100
68	M197	Z	0	0	0	%100
69	M198	X	-13.097	-13.097	0	%100
70	M198	Z	0	0	0	%100
71	M202	X	-7.862	-7.862	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
72	M202	Z	0	0	0	%100
73	M203	X	0	0	0	%100
74	M203	Z	0	0	0	%100
75	M205	X	0	0	0	%100
76	M205	Z	0	0	0	%100
77	M207	X	-7.862	-7.862	0	%100
78	M207	Z	0	0	0	%100
79	M208	X	-24.022	-24.022	0	%100
80	M208	Z	0	0	0	%100
81	M210	X	-25.302	-25.302	0	%100
82	M210	Z	0	0	0	%100
83	M217	X	-11.18	-11.18	0	%100
84	M217	Z	0	0	0	%100
85	OVP	X	-10.179	-10.179	0	%100
86	OVP	Z	0	0	0	%100
87	M220	X	-12.547	-12.547	0	%100
88	M220	Z	0	0	0	%100
89	M221	X	0	0	0	%100
90	M221	Z	0	0	0	%100
91	MP1A	X	-12.448	-12.448	0	%100
92	MP1A	Z	0	0	0	%100
93	M224	X	0	0	0	%100
94	M224	Z	0	0	0	%100
95	MP2A	X	-12.448	-12.448	0	%100
96	MP2A	Z	0	0	0	%100
97	MP3A	X	-15.069	-15.069	0	%100
98	MP3A	Z	0	0	0	%100
99	MP4A	X	-12.448	-12.448	0	%100
100	MP4A	Z	0	0	0	%100
101	M105	X	-11.889	-11.889	0	%100
102	M105	Z	0	0	0	%100
103	MP1C	X	-12.448	-12.448	0	%100
104	MP1C	Z	0	0	0	%100
105	M108	X	-9.336	-9.336	0	%100
106	M108	Z	0	0	0	%100
107	MP2C	X	-12.448	-12.448	0	%100
108	MP2C	Z	0	0	0	%100
109	MP3C	X	-15.069	-15.069	0	%100
110	MP3C	Z	0	0	0	%100
111	MP4C	X	-12.448	-12.448	0	%100
112	MP4C	Z	0	0	0	%100
113	M119	X	-11.889	-11.889	0	%100
114	M119	Z	0	0	0	%100
115	MP1B	X	-12.448	-12.448	0	%100
116	MP1B	Z	0	0	0	%100
117	M122	X	-9.336	-9.336	0	%100
118	M122	Z	0	0	0	%100
119	MP2B	X	-12.448	-12.448	0	%100
120	MP2B	Z	0	0	0	%100
121	MP3B	X	-15.069	-15.069	0	%100
122	MP3B	Z	0	0	0	%100
123	MP4B	X	-12.448	-12.448	0	%100
124	MP4B	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,...	Start Location[ft,%]	End Location[ft,%]
1	M131B	X	-12.102	-12.102	0	%100
2	M131B	Z	-6.987	-6.987	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
3	M132A	X	-3.413	-3.413	0	%100
4	M132A	Z	-1.971	-1.971	0	%100
5	M133A	X	-3.413	-3.413	0	%100
6	M133A	Z	-1.971	-1.971	0	%100
7	M134A	X	-6.809	-6.809	0	%100
8	M134A	Z	-3.931	-3.931	0	%100
9	M137A	X	-3.781	-3.781	0	%100
10	M137A	Z	-2.183	-2.183	0	%100
11	M138A	X	-15.123	-15.123	0	%100
12	M138A	Z	-8.731	-8.731	0	%100
13	M142A	X	-20.426	-20.426	0	%100
14	M142A	Z	-11.793	-11.793	0	%100
15	M143A	X	-6.935	-6.935	0	%100
16	M143A	Z	-4.004	-4.004	0	%100
17	M145A	X	-7.304	-7.304	0	%100
18	M145A	Z	-4.217	-4.217	0	%100
19	M147A	X	-20.426	-20.426	0	%100
20	M147A	Z	-11.793	-11.793	0	%100
21	M148A	X	-27.739	-27.739	0	%100
22	M148A	Z	-16.015	-16.015	0	%100
23	M150A	X	-29.216	-29.216	0	%100
24	M150A	Z	-16.868	-16.868	0	%100
25	M157A	X	-3.227	-3.227	0	%100
26	M157A	Z	-1.863	-1.863	0	%100
27	M160A	X	-15.824	-15.824	0	%100
28	M160A	Z	-9.136	-9.136	0	%100
29	M161A	X	-12.102	-12.102	0	%100
30	M161A	Z	-6.987	-6.987	0	%100
31	M162A	X	-3.413	-3.413	0	%100
32	M162A	Z	-1.971	-1.971	0	%100
33	M163A	X	-3.413	-3.413	0	%100
34	M163A	Z	-1.971	-1.971	0	%100
35	M164A	X	-6.809	-6.809	0	%100
36	M164A	Z	-3.931	-3.931	0	%100
37	M167A	X	-15.123	-15.123	0	%100
38	M167A	Z	-8.731	-8.731	0	%100
39	M168A	X	-3.781	-3.781	0	%100
40	M168A	Z	-2.183	-2.183	0	%100
41	M172A	X	-20.426	-20.426	0	%100
42	M172A	Z	-11.793	-11.793	0	%100
43	M173A	X	-27.739	-27.739	0	%100
44	M173A	Z	-16.015	-16.015	0	%100
45	M175	X	-29.216	-29.216	0	%100
46	M175	Z	-16.868	-16.868	0	%100
47	M177	X	-20.426	-20.426	0	%100
48	M177	Z	-11.793	-11.793	0	%100
49	M178	X	-6.935	-6.935	0	%100
50	M178	Z	-4.004	-4.004	0	%100
51	M180	X	-7.304	-7.304	0	%100
52	M180	Z	-4.217	-4.217	0	%100
53	M187	X	-3.227	-3.227	0	%100
54	M187	Z	-1.863	-1.863	0	%100
55	OVP2	X	-8.815	-8.815	0	%100
56	OVP2	Z	-5.09	-5.09	0	%100
57	M190	X	-15.824	-15.824	0	%100
58	M190	Z	-9.136	-9.136	0	%100
59	M191	X	0	0	0	%100
60	M191	Z	0	0	0	%100
61	M192	X	-13.654	-13.654	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
62	M192	Z	-7.883	-7.883	0	%100
63	M193	X	-13.654	-13.654	0	%100
64	M193	Z	-7.883	-7.883	0	%100
65	M194	X	-27.234	-27.234	0	%100
66	M194	Z	-15.724	-15.724	0	%100
67	M197	X	-3.781	-3.781	0	%100
68	M197	Z	-2.183	-2.183	0	%100
69	M198	X	-3.781	-3.781	0	%100
70	M198	Z	-2.183	-2.183	0	%100
71	M202	X	0	0	0	%100
72	M202	Z	0	0	0	%100
73	M203	X	-6.935	-6.935	0	%100
74	M203	Z	-4.004	-4.004	0	%100
75	M205	X	-7.304	-7.304	0	%100
76	M205	Z	-4.217	-4.217	0	%100
77	M207	X	0	0	0	%100
78	M207	Z	0	0	0	%100
79	M208	X	-6.935	-6.935	0	%100
80	M208	Z	-4.004	-4.004	0	%100
81	M210	X	-7.304	-7.304	0	%100
82	M210	Z	-4.217	-4.217	0	%100
83	M217	X	-12.909	-12.909	0	%100
84	M217	Z	-7.453	-7.453	0	%100
85	OVP	X	-8.815	-8.815	0	%100
86	OVP	Z	-5.09	-5.09	0	%100
87	M220	X	-8.387	-8.387	0	%100
88	M220	Z	-4.842	-4.842	0	%100
89	M221	X	-3.432	-3.432	0	%100
90	M221	Z	-1.981	-1.981	0	%100
91	MP1A	X	-10.78	-10.78	0	%100
92	MP1A	Z	-6.224	-6.224	0	%100
93	M224	X	-2.695	-2.695	0	%100
94	M224	Z	-1.556	-1.556	0	%100
95	MP2A	X	-10.78	-10.78	0	%100
96	MP2A	Z	-6.224	-6.224	0	%100
97	MP3A	X	-13.05	-13.05	0	%100
98	MP3A	Z	-7.534	-7.534	0	%100
99	MP4A	X	-10.78	-10.78	0	%100
100	MP4A	Z	-6.224	-6.224	0	%100
101	M105	X	-3.432	-3.432	0	%100
102	M105	Z	-1.981	-1.981	0	%100
103	MP1C	X	-10.78	-10.78	0	%100
104	MP1C	Z	-6.224	-6.224	0	%100
105	M108	X	-2.695	-2.695	0	%100
106	M108	Z	-1.556	-1.556	0	%100
107	MP2C	X	-10.78	-10.78	0	%100
108	MP2C	Z	-6.224	-6.224	0	%100
109	MP3C	X	-13.05	-13.05	0	%100
110	MP3C	Z	-7.534	-7.534	0	%100
111	MP4C	X	-10.78	-10.78	0	%100
112	MP4C	Z	-6.224	-6.224	0	%100
113	M119	X	-13.728	-13.728	0	%100
114	M119	Z	-7.926	-7.926	0	%100
115	MP1B	X	-10.78	-10.78	0	%100
116	MP1B	Z	-6.224	-6.224	0	%100
117	M122	X	-10.78	-10.78	0	%100
118	M122	Z	-6.224	-6.224	0	%100
119	MP2B	X	-10.78	-10.78	0	%100
120	MP2B	Z	-6.224	-6.224	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
121	MP3B	X	-13.05	-13.05	0	%100
122	MP3B	Z	-7.534	-7.534	0	%100
123	MP4B	X	-10.78	-10.78	0	%100
124	MP4B	Z	-6.224	-6.224	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M131B	X	-2.329	-2.329	0	%100
2	M131B	Z	-4.034	-4.034	0	%100
3	M132A	X	-5.912	-5.912	0	%100
4	M132A	Z	-10.24	-10.24	0	%100
5	M133A	X	-5.912	-5.912	0	%100
6	M133A	Z	-10.24	-10.24	0	%100
7	M134A	X	-11.793	-11.793	0	%100
8	M134A	Z	-20.426	-20.426	0	%100
9	M137A	X	0	0	0	%100
10	M137A	Z	0	0	0	%100
11	M138A	X	-6.548	-6.548	0	%100
12	M138A	Z	-11.342	-11.342	0	%100
13	M142A	X	-3.931	-3.931	0	%100
14	M142A	Z	-6.809	-6.809	0	%100
15	M143A	X	0	0	0	%100
16	M143A	Z	0	0	0	%100
17	M145A	X	0	0	0	%100
18	M145A	Z	0	0	0	%100
19	M147A	X	-3.931	-3.931	0	%100
20	M147A	Z	-6.809	-6.809	0	%100
21	M148A	X	-12.011	-12.011	0	%100
22	M148A	Z	-20.804	-20.804	0	%100
23	M150A	X	-12.651	-12.651	0	%100
24	M150A	Z	-21.912	-21.912	0	%100
25	M157A	X	-5.59	-5.59	0	%100
26	M157A	Z	-9.682	-9.682	0	%100
27	M160A	X	-6.274	-6.274	0	%100
28	M160A	Z	-10.866	-10.866	0	%100
29	M161A	X	-9.316	-9.316	0	%100
30	M161A	Z	-16.136	-16.136	0	%100
31	M162A	X	0	0	0	%100
32	M162A	Z	0	0	0	%100
33	M163A	X	0	0	0	%100
34	M163A	Z	0	0	0	%100
35	M164A	X	0	0	0	%100
36	M164A	Z	0	0	0	%100
37	M167A	X	-6.548	-6.548	0	%100
38	M167A	Z	-11.342	-11.342	0	%100
39	M168A	X	-6.548	-6.548	0	%100
40	M168A	Z	-11.342	-11.342	0	%100
41	M172A	X	-15.724	-15.724	0	%100
42	M172A	Z	-27.234	-27.234	0	%100
43	M173A	X	-12.011	-12.011	0	%100
44	M173A	Z	-20.804	-20.804	0	%100
45	M175	X	-12.651	-12.651	0	%100
46	M175	Z	-21.912	-21.912	0	%100
47	M177	X	-15.724	-15.724	0	%100
48	M177	Z	-27.234	-27.234	0	%100
49	M178	X	-12.011	-12.011	0	%100
50	M178	Z	-20.804	-20.804	0	%100
51	M180	X	-12.651	-12.651	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
52	M180	Z	-21.912	-21.912	0	%100
53	M187	X	0	0	0	%100
54	M187	Z	0	0	0	%100
55	OVP2	X	-5.09	-5.09	0	%100
56	OVP2	Z	-8.815	-8.815	0	%100
57	M190	X	-10.567	-10.567	0	%100
58	M190	Z	-18.303	-18.303	0	%100
59	M191	X	-2.329	-2.329	0	%100
60	M191	Z	-4.034	-4.034	0	%100
61	M192	X	-5.912	-5.912	0	%100
62	M192	Z	-10.24	-10.24	0	%100
63	M193	X	-5.912	-5.912	0	%100
64	M193	Z	-10.24	-10.24	0	%100
65	M194	X	-11.793	-11.793	0	%100
66	M194	Z	-20.426	-20.426	0	%100
67	M197	X	-6.548	-6.548	0	%100
68	M197	Z	-11.342	-11.342	0	%100
69	M198	X	0	0	0	%100
70	M198	Z	0	0	0	%100
71	M202	X	-3.931	-3.931	0	%100
72	M202	Z	-6.809	-6.809	0	%100
73	M203	X	-12.011	-12.011	0	%100
74	M203	Z	-20.804	-20.804	0	%100
75	M205	X	-12.651	-12.651	0	%100
76	M205	Z	-21.912	-21.912	0	%100
77	M207	X	-3.931	-3.931	0	%100
78	M207	Z	-6.809	-6.809	0	%100
79	M208	X	0	0	0	%100
80	M208	Z	0	0	0	%100
81	M210	X	0	0	0	%100
82	M210	Z	0	0	0	%100
83	M217	X	-5.59	-5.59	0	%100
84	M217	Z	-9.682	-9.682	0	%100
85	OVP	X	-5.09	-5.09	0	%100
86	OVP	Z	-8.815	-8.815	0	%100
87	M220	X	-6.274	-6.274	0	%100
88	M220	Z	-10.866	-10.866	0	%100
89	M221	X	-5.944	-5.944	0	%100
90	M221	Z	-10.296	-10.296	0	%100
91	MP1A	X	-6.224	-6.224	0	%100
92	MP1A	Z	-10.78	-10.78	0	%100
93	M224	X	-4.668	-4.668	0	%100
94	M224	Z	-8.085	-8.085	0	%100
95	MP2A	X	-6.224	-6.224	0	%100
96	MP2A	Z	-10.78	-10.78	0	%100
97	MP3A	X	-7.534	-7.534	0	%100
98	MP3A	Z	-13.05	-13.05	0	%100
99	MP4A	X	-6.224	-6.224	0	%100
100	MP4A	Z	-10.78	-10.78	0	%100
101	M105	X	0	0	0	%100
102	M105	Z	0	0	0	%100
103	MP1C	X	-6.224	-6.224	0	%100
104	MP1C	Z	-10.78	-10.78	0	%100
105	M108	X	0	0	0	%100
106	M108	Z	0	0	0	%100
107	MP2C	X	-6.224	-6.224	0	%100
108	MP2C	Z	-10.78	-10.78	0	%100
109	MP3C	X	-7.534	-7.534	0	%100
110	MP3C	Z	-13.05	-13.05	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
111	MP4C	X	-6.224	-6.224	0	%100
112	MP4C	Z	-10.78	-10.78	0	%100
113	M119	X	-5.944	-5.944	0	%100
114	M119	Z	-10.296	-10.296	0	%100
115	MP1B	X	-6.224	-6.224	0	%100
116	MP1B	Z	-10.78	-10.78	0	%100
117	M122	X	-4.668	-4.668	0	%100
118	M122	Z	-8.085	-8.085	0	%100
119	MP2B	X	-6.224	-6.224	0	%100
120	MP2B	Z	-10.78	-10.78	0	%100
121	MP3B	X	-7.534	-7.534	0	%100
122	MP3B	Z	-13.05	-13.05	0	%100
123	MP4B	X	-6.224	-6.224	0	%100
124	MP4B	Z	-10.78	-10.78	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M131B	X	0	0	0	%100
2	M131B	Z	0	0	0	%100
3	M132A	X	0	0	0	%100
4	M132A	Z	-3.724	-3.724	0	%100
5	M133A	X	0	0	0	%100
6	M133A	Z	-3.724	-3.724	0	%100
7	M134A	X	0	0	0	%100
8	M134A	Z	-5.812	-5.812	0	%100
9	M137A	X	0	0	0	%100
10	M137A	Z	-1.071	-1.071	0	%100
11	M138A	X	0	0	0	%100
12	M138A	Z	-1.071	-1.071	0	%100
13	M142A	X	0	0	0	%100
14	M142A	Z	0	0	0	%100
15	M143A	X	0	0	0	%100
16	M143A	Z	-1.451	-1.451	0	%100
17	M145A	X	0	0	0	%100
18	M145A	Z	-1.515	-1.515	0	%100
19	M147A	X	0	0	0	%100
20	M147A	Z	0	0	0	%100
21	M148A	X	0	0	0	%100
22	M148A	Z	-1.451	-1.451	0	%100
23	M150A	X	0	0	0	%100
24	M150A	Z	-1.515	-1.515	0	%100
25	M157A	X	0	0	0	%100
26	M157A	Z	-3.411	-3.411	0	%100
27	M160A	X	0	0	0	%100
28	M160A	Z	-1.923	-1.923	0	%100
29	M161A	X	0	0	0	%100
30	M161A	Z	-3.44	-3.44	0	%100
31	M162A	X	0	0	0	%100
32	M162A	Z	-.931	-.931	0	%100
33	M163A	X	0	0	0	%100
34	M163A	Z	-.931	-.931	0	%100
35	M164A	X	0	0	0	%100
36	M164A	Z	-1.453	-1.453	0	%100
37	M167A	X	0	0	0	%100
38	M167A	Z	-1.071	-1.071	0	%100
39	M168A	X	0	0	0	%100
40	M168A	Z	-4.283	-4.283	0	%100
41	M172A	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,...	Start Location[ft,%]	End Location[ft,%]
42	M172A	Z	-4.29	-4.29	0	%100
43	M173A	X	0	0	0	%100
44	M173A	Z	-1.451	-1.451	0	%100
45	M175	X	0	0	0	%100
46	M175	Z	-1.515	-1.515	0	%100
47	M177	X	0	0	0	%100
48	M177	Z	-4.29	-4.29	0	%100
49	M178	X	0	0	0	%100
50	M178	Z	-5.806	-5.806	0	%100
51	M180	X	0	0	0	%100
52	M180	Z	-6.058	-6.058	0	%100
53	M187	X	0	0	0	%100
54	M187	Z	-.853	-.853	0	%100
55	OVP2	X	0	0	0	%100
56	OVP2	Z	-3.006	-3.006	0	%100
57	M190	X	0	0	0	%100
58	M190	Z	-4.184	-4.184	0	%100
59	M191	X	0	0	0	%100
60	M191	Z	-3.44	-3.44	0	%100
61	M192	X	0	0	0	%100
62	M192	Z	-.931	-.931	0	%100
63	M193	X	0	0	0	%100
64	M193	Z	-.931	-.931	0	%100
65	M194	X	0	0	0	%100
66	M194	Z	-1.453	-1.453	0	%100
67	M197	X	0	0	0	%100
68	M197	Z	-4.283	-4.283	0	%100
69	M198	X	0	0	0	%100
70	M198	Z	-1.071	-1.071	0	%100
71	M202	X	0	0	0	%100
72	M202	Z	-4.29	-4.29	0	%100
73	M203	X	0	0	0	%100
74	M203	Z	-5.806	-5.806	0	%100
75	M205	X	0	0	0	%100
76	M205	Z	-6.058	-6.058	0	%100
77	M207	X	0	0	0	%100
78	M207	Z	-4.29	-4.29	0	%100
79	M208	X	0	0	0	%100
80	M208	Z	-1.451	-1.451	0	%100
81	M210	X	0	0	0	%100
82	M210	Z	-1.515	-1.515	0	%100
83	M217	X	0	0	0	%100
84	M217	Z	-.853	-.853	0	%100
85	OVP	X	0	0	0	%100
86	OVP	Z	-3.006	-3.006	0	%100
87	M220	X	0	0	0	%100
88	M220	Z	-4.184	-4.184	0	%100
89	M221	X	0	0	0	%100
90	M221	Z	-4.544	-4.544	0	%100
91	MP1A	X	0	0	0	%100
92	MP1A	Z	-3.671	-3.671	0	%100
93	M224	X	0	0	0	%100
94	M224	Z	-3.671	-3.671	0	%100
95	MP2A	X	0	0	0	%100
96	MP2A	Z	-3.671	-3.671	0	%100
97	MP3A	X	0	0	0	%100
98	MP3A	Z	-4.059	-4.059	0	%100
99	MP4A	X	0	0	0	%100
100	MP4A	Z	-3.671	-3.671	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
101	M105	X	0	0	0	%100
102	M105	Z	-1.136	-1.136	0	%100
103	MP1C	X	0	0	0	%100
104	MP1C	Z	-3.671	-3.671	0	%100
105	M108	X	0	0	0	%100
106	M108	Z	-.918	-.918	0	%100
107	MP2C	X	0	0	0	%100
108	MP2C	Z	-3.671	-3.671	0	%100
109	MP3C	X	0	0	0	%100
110	MP3C	Z	-4.059	-4.059	0	%100
111	MP4C	X	0	0	0	%100
112	MP4C	Z	-3.671	-3.671	0	%100
113	M119	X	0	0	0	%100
114	M119	Z	-1.136	-1.136	0	%100
115	MP1B	X	0	0	0	%100
116	MP1B	Z	-3.671	-3.671	0	%100
117	M122	X	0	0	0	%100
118	M122	Z	-.918	-.918	0	%100
119	MP2B	X	0	0	0	%100
120	MP2B	Z	-3.671	-3.671	0	%100
121	MP3B	X	0	0	0	%100
122	MP3B	Z	-4.059	-4.059	0	%100
123	MP4B	X	0	0	0	%100
124	MP4B	Z	-3.671	-3.671	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M131B	X	.573	.573	0	%100
2	M131B	Z	-.993	-.993	0	%100
3	M132A	X	1.397	1.397	0	%100
4	M132A	Z	-2.419	-2.419	0	%100
5	M133A	X	1.397	1.397	0	%100
6	M133A	Z	-2.419	-2.419	0	%100
7	M134A	X	2.18	2.18	0	%100
8	M134A	Z	-3.775	-3.775	0	%100
9	M137A	X	1.606	1.606	0	%100
10	M137A	Z	-2.782	-2.782	0	%100
11	M138A	X	0	0	0	%100
12	M138A	Z	0	0	0	%100
13	M142A	X	.715	.715	0	%100
14	M142A	Z	-1.238	-1.238	0	%100
15	M143A	X	2.177	2.177	0	%100
16	M143A	Z	-3.771	-3.771	0	%100
17	M145A	X	2.272	2.272	0	%100
18	M145A	Z	-3.935	-3.935	0	%100
19	M147A	X	.715	.715	0	%100
20	M147A	Z	-1.238	-1.238	0	%100
21	M148A	X	0	0	0	%100
22	M148A	Z	0	0	0	%100
23	M150A	X	0	0	0	%100
24	M150A	Z	0	0	0	%100
25	M157A	X	1.279	1.279	0	%100
26	M157A	Z	-2.216	-2.216	0	%100
27	M160A	X	1.338	1.338	0	%100
28	M160A	Z	-2.318	-2.318	0	%100
29	M161A	X	.573	.573	0	%100
30	M161A	Z	-.993	-.993	0	%100
31	M162A	X	1.397	1.397	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
32	M162A	Z	-2.419	-2.419	0	%100
33	M163A	X	1.397	1.397	0	%100
34	M163A	Z	-2.419	-2.419	0	%100
35	M164A	X	2.18	2.18	0	%100
36	M164A	Z	-3.775	-3.775	0	%100
37	M167A	X	0	0	0	%100
38	M167A	Z	0	0	0	%100
39	M168A	X	1.606	1.606	0	%100
40	M168A	Z	-2.782	-2.782	0	%100
41	M172A	X	.715	.715	0	%100
42	M172A	Z	-1.238	-1.238	0	%100
43	M173A	X	0	0	0	%100
44	M173A	Z	0	0	0	%100
45	M175	X	0	0	0	%100
46	M175	Z	0	0	0	%100
47	M177	X	.715	.715	0	%100
48	M177	Z	-1.238	-1.238	0	%100
49	M178	X	2.177	2.177	0	%100
50	M178	Z	-3.771	-3.771	0	%100
51	M180	X	2.272	2.272	0	%100
52	M180	Z	-3.935	-3.935	0	%100
53	M187	X	1.279	1.279	0	%100
54	M187	Z	-2.216	-2.216	0	%100
55	OVP2	X	1.503	1.503	0	%100
56	OVP2	Z	-2.603	-2.603	0	%100
57	M190	X	1.338	1.338	0	%100
58	M190	Z	-2.318	-2.318	0	%100
59	M191	X	2.293	2.293	0	%100
60	M191	Z	-3.972	-3.972	0	%100
61	M192	X	0	0	0	%100
62	M192	Z	0	0	0	%100
63	M193	X	0	0	0	%100
64	M193	Z	0	0	0	%100
65	M194	X	0	0	0	%100
66	M194	Z	0	0	0	%100
67	M197	X	1.606	1.606	0	%100
68	M197	Z	-2.782	-2.782	0	%100
69	M198	X	1.606	1.606	0	%100
70	M198	Z	-2.782	-2.782	0	%100
71	M202	X	2.86	2.86	0	%100
72	M202	Z	-4.953	-4.953	0	%100
73	M203	X	2.177	2.177	0	%100
74	M203	Z	-3.771	-3.771	0	%100
75	M205	X	2.272	2.272	0	%100
76	M205	Z	-3.935	-3.935	0	%100
77	M207	X	2.86	2.86	0	%100
78	M207	Z	-4.953	-4.953	0	%100
79	M208	X	2.177	2.177	0	%100
80	M208	Z	-3.771	-3.771	0	%100
81	M210	X	2.272	2.272	0	%100
82	M210	Z	-3.935	-3.935	0	%100
83	M217	X	0	0	0	%100
84	M217	Z	0	0	0	%100
85	OVP	X	1.503	1.503	0	%100
86	OVP	Z	-2.603	-2.603	0	%100
87	M220	X	2.469	2.469	0	%100
88	M220	Z	-4.276	-4.276	0	%100
89	M221	X	1.704	1.704	0	%100
90	M221	Z	-2.951	-2.951	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
91	MP1A	X	1.836	1.836	0	%100
92	MP1A	Z	-3.18	-3.18	0	%100
93	M224	X	1.377	1.377	0	%100
94	M224	Z	-2.385	-2.385	0	%100
95	MP2A	X	1.836	1.836	0	%100
96	MP2A	Z	-3.18	-3.18	0	%100
97	MP3A	X	2.03	2.03	0	%100
98	MP3A	Z	-3.515	-3.515	0	%100
99	MP4A	X	1.836	1.836	0	%100
100	MP4A	Z	-3.18	-3.18	0	%100
101	M105	X	1.704	1.704	0	%100
102	M105	Z	-2.951	-2.951	0	%100
103	MP1C	X	1.836	1.836	0	%100
104	MP1C	Z	-3.18	-3.18	0	%100
105	M108	X	1.377	1.377	0	%100
106	M108	Z	-2.385	-2.385	0	%100
107	MP2C	X	1.836	1.836	0	%100
108	MP2C	Z	-3.18	-3.18	0	%100
109	MP3C	X	2.03	2.03	0	%100
110	MP3C	Z	-3.515	-3.515	0	%100
111	MP4C	X	1.836	1.836	0	%100
112	MP4C	Z	-3.18	-3.18	0	%100
113	M119	X	0	0	0	%100
114	M119	Z	0	0	0	%100
115	MP1B	X	1.836	1.836	0	%100
116	MP1B	Z	-3.18	-3.18	0	%100
117	M122	X	0	0	0	%100
118	M122	Z	0	0	0	%100
119	MP2B	X	1.836	1.836	0	%100
120	MP2B	Z	-3.18	-3.18	0	%100
121	MP3B	X	2.03	2.03	0	%100
122	MP3B	Z	-3.515	-3.515	0	%100
123	MP4B	X	1.836	1.836	0	%100
124	MP4B	Z	-3.18	-3.18	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M131B	X	2.979	2.979	0	%100
2	M131B	Z	-1.72	-1.72	0	%100
3	M132A	X	.806	.806	0	%100
4	M132A	Z	-.466	-.466	0	%100
5	M133A	X	.806	.806	0	%100
6	M133A	Z	-.466	-.466	0	%100
7	M134A	X	1.258	1.258	0	%100
8	M134A	Z	-.727	-.727	0	%100
9	M137A	X	3.709	3.709	0	%100
10	M137A	Z	-2.142	-2.142	0	%100
11	M138A	X	.927	.927	0	%100
12	M138A	Z	-.535	-.535	0	%100
13	M142A	X	3.715	3.715	0	%100
14	M142A	Z	-2.145	-2.145	0	%100
15	M143A	X	5.028	5.028	0	%100
16	M143A	Z	-2.903	-2.903	0	%100
17	M145A	X	5.246	5.246	0	%100
18	M145A	Z	-3.029	-3.029	0	%100
19	M147A	X	3.715	3.715	0	%100
20	M147A	Z	-2.145	-2.145	0	%100
21	M148A	X	1.257	1.257	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
22	M148A	Z	-.726	-.726	0	%100
23	M150A	X	1.312	1.312	0	%100
24	M150A	Z	-.757	-.757	0	%100
25	M157A	X	.739	.739	0	%100
26	M157A	Z	-.426	-.426	0	%100
27	M160A	X	3.623	3.623	0	%100
28	M160A	Z	-2.092	-2.092	0	%100
29	M161A	X	0	0	0	%100
30	M161A	Z	0	0	0	%100
31	M162A	X	3.225	3.225	0	%100
32	M162A	Z	-1.862	-1.862	0	%100
33	M163A	X	3.225	3.225	0	%100
34	M163A	Z	-1.862	-1.862	0	%100
35	M164A	X	5.034	5.034	0	%100
36	M164A	Z	-2.906	-2.906	0	%100
37	M167A	X	.927	.927	0	%100
38	M167A	Z	-.535	-.535	0	%100
39	M168A	X	.927	.927	0	%100
40	M168A	Z	-.535	-.535	0	%100
41	M172A	X	0	0	0	%100
42	M172A	Z	0	0	0	%100
43	M173A	X	1.257	1.257	0	%100
44	M173A	Z	-.726	-.726	0	%100
45	M175	X	1.312	1.312	0	%100
46	M175	Z	-.757	-.757	0	%100
47	M177	X	0	0	0	%100
48	M177	Z	0	0	0	%100
49	M178	X	1.257	1.257	0	%100
50	M178	Z	-.726	-.726	0	%100
51	M180	X	1.312	1.312	0	%100
52	M180	Z	-.757	-.757	0	%100
53	M187	X	2.954	2.954	0	%100
54	M187	Z	-1.706	-1.706	0	%100
55	OVP2	X	2.603	2.603	0	%100
56	OVP2	Z	-1.503	-1.503	0	%100
57	M190	X	1.665	1.665	0	%100
58	M190	Z	-.961	-.961	0	%100
59	M191	X	2.979	2.979	0	%100
60	M191	Z	-1.72	-1.72	0	%100
61	M192	X	.806	.806	0	%100
62	M192	Z	-.466	-.466	0	%100
63	M193	X	.806	.806	0	%100
64	M193	Z	-.466	-.466	0	%100
65	M194	X	1.258	1.258	0	%100
66	M194	Z	-.727	-.727	0	%100
67	M197	X	.927	.927	0	%100
68	M197	Z	-.535	-.535	0	%100
69	M198	X	3.709	3.709	0	%100
70	M198	Z	-2.142	-2.142	0	%100
71	M202	X	3.715	3.715	0	%100
72	M202	Z	-2.145	-2.145	0	%100
73	M203	X	1.257	1.257	0	%100
74	M203	Z	-.726	-.726	0	%100
75	M205	X	1.312	1.312	0	%100
76	M205	Z	-.757	-.757	0	%100
77	M207	X	3.715	3.715	0	%100
78	M207	Z	-2.145	-2.145	0	%100
79	M208	X	5.028	5.028	0	%100
80	M208	Z	-2.903	-2.903	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
81	M210	X	5.246	5.246	0	%100
82	M210	Z	-3.029	-3.029	0	%100
83	M217	X	.739	.739	0	%100
84	M217	Z	-.426	-.426	0	%100
85	OVP	X	2.603	2.603	0	%100
86	OVP	Z	-1.503	-1.503	0	%100
87	M220	X	3.623	3.623	0	%100
88	M220	Z	-2.092	-2.092	0	%100
89	M221	X	.984	.984	0	%100
90	M221	Z	-.568	-.568	0	%100
91	MP1A	X	3.18	3.18	0	%100
92	MP1A	Z	-1.836	-1.836	0	%100
93	M224	X	.795	.795	0	%100
94	M224	Z	-.459	-.459	0	%100
95	MP2A	X	3.18	3.18	0	%100
96	MP2A	Z	-1.836	-1.836	0	%100
97	MP3A	X	3.515	3.515	0	%100
98	MP3A	Z	-2.03	-2.03	0	%100
99	MP4A	X	3.18	3.18	0	%100
100	MP4A	Z	-1.836	-1.836	0	%100
101	M105	X	3.935	3.935	0	%100
102	M105	Z	-2.272	-2.272	0	%100
103	MP1C	X	3.18	3.18	0	%100
104	MP1C	Z	-1.836	-1.836	0	%100
105	M108	X	3.18	3.18	0	%100
106	M108	Z	-1.836	-1.836	0	%100
107	MP2C	X	3.18	3.18	0	%100
108	MP2C	Z	-1.836	-1.836	0	%100
109	MP3C	X	3.515	3.515	0	%100
110	MP3C	Z	-2.03	-2.03	0	%100
111	MP4C	X	3.18	3.18	0	%100
112	MP4C	Z	-1.836	-1.836	0	%100
113	M119	X	.984	.984	0	%100
114	M119	Z	-.568	-.568	0	%100
115	MP1B	X	3.18	3.18	0	%100
116	MP1B	Z	-1.836	-1.836	0	%100
117	M122	X	.795	.795	0	%100
118	M122	Z	-.459	-.459	0	%100
119	MP2B	X	3.18	3.18	0	%100
120	MP2B	Z	-1.836	-1.836	0	%100
121	MP3B	X	3.515	3.515	0	%100
122	MP3B	Z	-2.03	-2.03	0	%100
123	MP4B	X	3.18	3.18	0	%100
124	MP4B	Z	-1.836	-1.836	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M131B	X	4.586	4.586	0	%100
2	M131B	Z	0	0	0	%100
3	M132A	X	0	0	0	%100
4	M132A	Z	0	0	0	%100
5	M133A	X	0	0	0	%100
6	M133A	Z	0	0	0	%100
7	M134A	X	0	0	0	%100
8	M134A	Z	0	0	0	%100
9	M137A	X	3.212	3.212	0	%100
10	M137A	Z	0	0	0	%100
11	M138A	X	3.212	3.212	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
12	M138A	Z	0	0	0	%100
13	M142A	X	5.72	5.72	0	%100
14	M142A	Z	0	0	0	%100
15	M143A	X	4.354	4.354	0	%100
16	M143A	Z	0	0	0	%100
17	M145A	X	4.544	4.544	0	%100
18	M145A	Z	0	0	0	%100
19	M147A	X	5.72	5.72	0	%100
20	M147A	Z	0	0	0	%100
21	M148A	X	4.354	4.354	0	%100
22	M148A	Z	0	0	0	%100
23	M150A	X	4.544	4.544	0	%100
24	M150A	Z	0	0	0	%100
25	M157A	X	0	0	0	%100
26	M157A	Z	0	0	0	%100
27	M160A	X	4.937	4.937	0	%100
28	M160A	Z	0	0	0	%100
29	M161A	X	1.147	1.147	0	%100
30	M161A	Z	0	0	0	%100
31	M162A	X	2.793	2.793	0	%100
32	M162A	Z	0	0	0	%100
33	M163A	X	2.793	2.793	0	%100
34	M163A	Z	0	0	0	%100
35	M164A	X	4.359	4.359	0	%100
36	M164A	Z	0	0	0	%100
37	M167A	X	3.212	3.212	0	%100
38	M167A	Z	0	0	0	%100
39	M168A	X	0	0	0	%100
40	M168A	Z	0	0	0	%100
41	M172A	X	1.43	1.43	0	%100
42	M172A	Z	0	0	0	%100
43	M173A	X	4.354	4.354	0	%100
44	M173A	Z	0	0	0	%100
45	M175	X	4.544	4.544	0	%100
46	M175	Z	0	0	0	%100
47	M177	X	1.43	1.43	0	%100
48	M177	Z	0	0	0	%100
49	M178	X	0	0	0	%100
50	M178	Z	0	0	0	%100
51	M180	X	0	0	0	%100
52	M180	Z	0	0	0	%100
53	M187	X	2.558	2.558	0	%100
54	M187	Z	0	0	0	%100
55	OVP2	X	3.006	3.006	0	%100
56	OVP2	Z	0	0	0	%100
57	M190	X	2.676	2.676	0	%100
58	M190	Z	0	0	0	%100
59	M191	X	1.147	1.147	0	%100
60	M191	Z	0	0	0	%100
61	M192	X	2.793	2.793	0	%100
62	M192	Z	0	0	0	%100
63	M193	X	2.793	2.793	0	%100
64	M193	Z	0	0	0	%100
65	M194	X	4.359	4.359	0	%100
66	M194	Z	0	0	0	%100
67	M197	X	0	0	0	%100
68	M197	Z	0	0	0	%100
69	M198	X	3.212	3.212	0	%100
70	M198	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,...	Start Location[ft,%]	End Location[ft,%]
71	M202	X	1.43	1.43	0	%100
72	M202	Z	0	0	0	%100
73	M203	X	0	0	0	%100
74	M203	Z	0	0	0	%100
75	M205	X	0	0	0	%100
76	M205	Z	0	0	0	%100
77	M207	X	1.43	1.43	0	%100
78	M207	Z	0	0	0	%100
79	M208	X	4.354	4.354	0	%100
80	M208	Z	0	0	0	%100
81	M210	X	4.544	4.544	0	%100
82	M210	Z	0	0	0	%100
83	M217	X	2.558	2.558	0	%100
84	M217	Z	0	0	0	%100
85	OVP	X	3.006	3.006	0	%100
86	OVP	Z	0	0	0	%100
87	M220	X	2.676	2.676	0	%100
88	M220	Z	0	0	0	%100
89	M221	X	0	0	0	%100
90	M221	Z	0	0	0	%100
91	MP1A	X	3.671	3.671	0	%100
92	MP1A	Z	0	0	0	%100
93	M224	X	0	0	0	%100
94	M224	Z	0	0	0	%100
95	MP2A	X	3.671	3.671	0	%100
96	MP2A	Z	0	0	0	%100
97	MP3A	X	4.059	4.059	0	%100
98	MP3A	Z	0	0	0	%100
99	MP4A	X	3.671	3.671	0	%100
100	MP4A	Z	0	0	0	%100
101	M105	X	3.408	3.408	0	%100
102	M105	Z	0	0	0	%100
103	MP1C	X	3.671	3.671	0	%100
104	MP1C	Z	0	0	0	%100
105	M108	X	2.754	2.754	0	%100
106	M108	Z	0	0	0	%100
107	MP2C	X	3.671	3.671	0	%100
108	MP2C	Z	0	0	0	%100
109	MP3C	X	4.059	4.059	0	%100
110	MP3C	Z	0	0	0	%100
111	MP4C	X	3.671	3.671	0	%100
112	MP4C	Z	0	0	0	%100
113	M119	X	3.408	3.408	0	%100
114	M119	Z	0	0	0	%100
115	MP1B	X	3.671	3.671	0	%100
116	MP1B	Z	0	0	0	%100
117	M122	X	2.754	2.754	0	%100
118	M122	Z	0	0	0	%100
119	MP2B	X	3.671	3.671	0	%100
120	MP2B	Z	0	0	0	%100
121	MP3B	X	4.059	4.059	0	%100
122	MP3B	Z	0	0	0	%100
123	MP4B	X	3.671	3.671	0	%100
124	MP4B	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,...	Start Location[ft,%]	End Location[ft,%]
1	M131B	X	2.979	2.979	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
2	M131B	Z	1.72	1.72	0	%100
3	M132A	X	.806	.806	0	%100
4	M132A	Z	.466	.466	0	%100
5	M133A	X	.806	.806	0	%100
6	M133A	Z	.466	.466	0	%100
7	M134A	X	1.258	1.258	0	%100
8	M134A	Z	.727	.727	0	%100
9	M137A	X	.927	.927	0	%100
10	M137A	Z	.535	.535	0	%100
11	M138A	X	3.709	3.709	0	%100
12	M138A	Z	2.142	2.142	0	%100
13	M142A	X	3.715	3.715	0	%100
14	M142A	Z	2.145	2.145	0	%100
15	M143A	X	1.257	1.257	0	%100
16	M143A	Z	.726	.726	0	%100
17	M145A	X	1.312	1.312	0	%100
18	M145A	Z	.757	.757	0	%100
19	M147A	X	3.715	3.715	0	%100
20	M147A	Z	2.145	2.145	0	%100
21	M148A	X	5.028	5.028	0	%100
22	M148A	Z	2.903	2.903	0	%100
23	M150A	X	5.246	5.246	0	%100
24	M150A	Z	3.029	3.029	0	%100
25	M157A	X	.739	.739	0	%100
26	M157A	Z	.426	.426	0	%100
27	M160A	X	3.623	3.623	0	%100
28	M160A	Z	2.092	2.092	0	%100
29	M161A	X	2.979	2.979	0	%100
30	M161A	Z	1.72	1.72	0	%100
31	M162A	X	.806	.806	0	%100
32	M162A	Z	.466	.466	0	%100
33	M163A	X	.806	.806	0	%100
34	M163A	Z	.466	.466	0	%100
35	M164A	X	1.258	1.258	0	%100
36	M164A	Z	.727	.727	0	%100
37	M167A	X	3.709	3.709	0	%100
38	M167A	Z	2.142	2.142	0	%100
39	M168A	X	.927	.927	0	%100
40	M168A	Z	.535	.535	0	%100
41	M172A	X	3.715	3.715	0	%100
42	M172A	Z	2.145	2.145	0	%100
43	M173A	X	5.028	5.028	0	%100
44	M173A	Z	2.903	2.903	0	%100
45	M175	X	5.246	5.246	0	%100
46	M175	Z	3.029	3.029	0	%100
47	M177	X	3.715	3.715	0	%100
48	M177	Z	2.145	2.145	0	%100
49	M178	X	1.257	1.257	0	%100
50	M178	Z	.726	.726	0	%100
51	M180	X	1.312	1.312	0	%100
52	M180	Z	.757	.757	0	%100
53	M187	X	.739	.739	0	%100
54	M187	Z	.426	.426	0	%100
55	OVP2	X	2.603	2.603	0	%100
56	OVP2	Z	1.503	1.503	0	%100
57	M190	X	3.623	3.623	0	%100
58	M190	Z	2.092	2.092	0	%100
59	M191	X	0	0	0	%100
60	M191	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
61	M192	X	3.225	3.225	0	%100
62	M192	Z	1.862	1.862	0	%100
63	M193	X	3.225	3.225	0	%100
64	M193	Z	1.862	1.862	0	%100
65	M194	X	5.034	5.034	0	%100
66	M194	Z	2.906	2.906	0	%100
67	M197	X	.927	.927	0	%100
68	M197	Z	.535	.535	0	%100
69	M198	X	.927	.927	0	%100
70	M198	Z	.535	.535	0	%100
71	M202	X	0	0	0	%100
72	M202	Z	0	0	0	%100
73	M203	X	1.257	1.257	0	%100
74	M203	Z	.726	.726	0	%100
75	M205	X	1.312	1.312	0	%100
76	M205	Z	.757	.757	0	%100
77	M207	X	0	0	0	%100
78	M207	Z	0	0	0	%100
79	M208	X	1.257	1.257	0	%100
80	M208	Z	.726	.726	0	%100
81	M210	X	1.312	1.312	0	%100
82	M210	Z	.757	.757	0	%100
83	M217	X	2.954	2.954	0	%100
84	M217	Z	1.706	1.706	0	%100
85	OVP	X	2.603	2.603	0	%100
86	OVP	Z	1.503	1.503	0	%100
87	M220	X	1.665	1.665	0	%100
88	M220	Z	.961	.961	0	%100
89	M221	X	.984	.984	0	%100
90	M221	Z	.568	.568	0	%100
91	MP1A	X	3.18	3.18	0	%100
92	MP1A	Z	1.836	1.836	0	%100
93	M224	X	.795	.795	0	%100
94	M224	Z	.459	.459	0	%100
95	MP2A	X	3.18	3.18	0	%100
96	MP2A	Z	1.836	1.836	0	%100
97	MP3A	X	3.515	3.515	0	%100
98	MP3A	Z	2.03	2.03	0	%100
99	MP4A	X	3.18	3.18	0	%100
100	MP4A	Z	1.836	1.836	0	%100
101	M105	X	.984	.984	0	%100
102	M105	Z	.568	.568	0	%100
103	MP1C	X	3.18	3.18	0	%100
104	MP1C	Z	1.836	1.836	0	%100
105	M108	X	.795	.795	0	%100
106	M108	Z	.459	.459	0	%100
107	MP2C	X	3.18	3.18	0	%100
108	MP2C	Z	1.836	1.836	0	%100
109	MP3C	X	3.515	3.515	0	%100
110	MP3C	Z	2.03	2.03	0	%100
111	MP4C	X	3.18	3.18	0	%100
112	MP4C	Z	1.836	1.836	0	%100
113	M119	X	3.935	3.935	0	%100
114	M119	Z	2.272	2.272	0	%100
115	MP1B	X	3.18	3.18	0	%100
116	MP1B	Z	1.836	1.836	0	%100
117	M122	X	3.18	3.18	0	%100
118	M122	Z	1.836	1.836	0	%100
119	MP2B	X	3.18	3.18	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
120	MP2B	Z	1.836	1.836	0	%100
121	MP3B	X	3.515	3.515	0	%100
122	MP3B	Z	2.03	2.03	0	%100
123	MP4B	X	3.18	3.18	0	%100
124	MP4B	Z	1.836	1.836	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M131B	X	.573	.573	0	%100
2	M131B	Z	.993	.993	0	%100
3	M132A	X	1.397	1.397	0	%100
4	M132A	Z	2.419	2.419	0	%100
5	M133A	X	1.397	1.397	0	%100
6	M133A	Z	2.419	2.419	0	%100
7	M134A	X	2.18	2.18	0	%100
8	M134A	Z	3.775	3.775	0	%100
9	M137A	X	0	0	0	%100
10	M137A	Z	0	0	0	%100
11	M138A	X	1.606	1.606	0	%100
12	M138A	Z	2.782	2.782	0	%100
13	M142A	X	.715	.715	0	%100
14	M142A	Z	1.238	1.238	0	%100
15	M143A	X	0	0	0	%100
16	M143A	Z	0	0	0	%100
17	M145A	X	0	0	0	%100
18	M145A	Z	0	0	0	%100
19	M147A	X	.715	.715	0	%100
20	M147A	Z	1.238	1.238	0	%100
21	M148A	X	2.177	2.177	0	%100
22	M148A	Z	3.771	3.771	0	%100
23	M150A	X	2.272	2.272	0	%100
24	M150A	Z	3.935	3.935	0	%100
25	M157A	X	1.279	1.279	0	%100
26	M157A	Z	2.216	2.216	0	%100
27	M160A	X	1.338	1.338	0	%100
28	M160A	Z	2.318	2.318	0	%100
29	M161A	X	2.293	2.293	0	%100
30	M161A	Z	3.972	3.972	0	%100
31	M162A	X	0	0	0	%100
32	M162A	Z	0	0	0	%100
33	M163A	X	0	0	0	%100
34	M163A	Z	0	0	0	%100
35	M164A	X	0	0	0	%100
36	M164A	Z	0	0	0	%100
37	M167A	X	1.606	1.606	0	%100
38	M167A	Z	2.782	2.782	0	%100
39	M168A	X	1.606	1.606	0	%100
40	M168A	Z	2.782	2.782	0	%100
41	M172A	X	2.86	2.86	0	%100
42	M172A	Z	4.953	4.953	0	%100
43	M173A	X	2.177	2.177	0	%100
44	M173A	Z	3.771	3.771	0	%100
45	M175	X	2.272	2.272	0	%100
46	M175	Z	3.935	3.935	0	%100
47	M177	X	2.86	2.86	0	%100
48	M177	Z	4.953	4.953	0	%100
49	M178	X	2.177	2.177	0	%100
50	M178	Z	3.771	3.771	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
51	M180	X	2.272	2.272	0	%100
52	M180	Z	3.935	3.935	0	%100
53	M187	X	0	0	0	%100
54	M187	Z	0	0	0	%100
55	OVP2	X	1.503	1.503	0	%100
56	OVP2	Z	2.603	2.603	0	%100
57	M190	X	2.469	2.469	0	%100
58	M190	Z	4.276	4.276	0	%100
59	M191	X	.573	.573	0	%100
60	M191	Z	.993	.993	0	%100
61	M192	X	1.397	1.397	0	%100
62	M192	Z	2.419	2.419	0	%100
63	M193	X	1.397	1.397	0	%100
64	M193	Z	2.419	2.419	0	%100
65	M194	X	2.18	2.18	0	%100
66	M194	Z	3.775	3.775	0	%100
67	M197	X	1.606	1.606	0	%100
68	M197	Z	2.782	2.782	0	%100
69	M198	X	0	0	0	%100
70	M198	Z	0	0	0	%100
71	M202	X	.715	.715	0	%100
72	M202	Z	1.238	1.238	0	%100
73	M203	X	2.177	2.177	0	%100
74	M203	Z	3.771	3.771	0	%100
75	M205	X	2.272	2.272	0	%100
76	M205	Z	3.935	3.935	0	%100
77	M207	X	.715	.715	0	%100
78	M207	Z	1.238	1.238	0	%100
79	M208	X	0	0	0	%100
80	M208	Z	0	0	0	%100
81	M210	X	0	0	0	%100
82	M210	Z	0	0	0	%100
83	M217	X	1.279	1.279	0	%100
84	M217	Z	2.216	2.216	0	%100
85	OVP	X	1.503	1.503	0	%100
86	OVP	Z	2.603	2.603	0	%100
87	M220	X	1.338	1.338	0	%100
88	M220	Z	2.318	2.318	0	%100
89	M221	X	1.704	1.704	0	%100
90	M221	Z	2.951	2.951	0	%100
91	MP1A	X	1.836	1.836	0	%100
92	MP1A	Z	3.18	3.18	0	%100
93	M224	X	1.377	1.377	0	%100
94	M224	Z	2.385	2.385	0	%100
95	MP2A	X	1.836	1.836	0	%100
96	MP2A	Z	3.18	3.18	0	%100
97	MP3A	X	2.03	2.03	0	%100
98	MP3A	Z	3.515	3.515	0	%100
99	MP4A	X	1.836	1.836	0	%100
100	MP4A	Z	3.18	3.18	0	%100
101	M105	X	0	0	0	%100
102	M105	Z	0	0	0	%100
103	MP1C	X	1.836	1.836	0	%100
104	MP1C	Z	3.18	3.18	0	%100
105	M108	X	0	0	0	%100
106	M108	Z	0	0	0	%100
107	MP2C	X	1.836	1.836	0	%100
108	MP2C	Z	3.18	3.18	0	%100
109	MP3C	X	2.03	2.03	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
110	MP3C	Z	3.515	3.515	0	%100
111	MP4C	X	1.836	1.836	0	%100
112	MP4C	Z	3.18	3.18	0	%100
113	M119	X	1.704	1.704	0	%100
114	M119	Z	2.951	2.951	0	%100
115	MP1B	X	1.836	1.836	0	%100
116	MP1B	Z	3.18	3.18	0	%100
117	M122	X	1.377	1.377	0	%100
118	M122	Z	2.385	2.385	0	%100
119	MP2B	X	1.836	1.836	0	%100
120	MP2B	Z	3.18	3.18	0	%100
121	MP3B	X	2.03	2.03	0	%100
122	MP3B	Z	3.515	3.515	0	%100
123	MP4B	X	1.836	1.836	0	%100
124	MP4B	Z	3.18	3.18	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M131B	X	0	0	0	%100
2	M131B	Z	0	0	0	%100
3	M132A	X	0	0	0	%100
4	M132A	Z	3.724	3.724	0	%100
5	M133A	X	0	0	0	%100
6	M133A	Z	3.724	3.724	0	%100
7	M134A	X	0	0	0	%100
8	M134A	Z	5.812	5.812	0	%100
9	M137A	X	0	0	0	%100
10	M137A	Z	1.071	1.071	0	%100
11	M138A	X	0	0	0	%100
12	M138A	Z	1.071	1.071	0	%100
13	M142A	X	0	0	0	%100
14	M142A	Z	0	0	0	%100
15	M143A	X	0	0	0	%100
16	M143A	Z	1.451	1.451	0	%100
17	M145A	X	0	0	0	%100
18	M145A	Z	1.515	1.515	0	%100
19	M147A	X	0	0	0	%100
20	M147A	Z	0	0	0	%100
21	M148A	X	0	0	0	%100
22	M148A	Z	1.451	1.451	0	%100
23	M150A	X	0	0	0	%100
24	M150A	Z	1.515	1.515	0	%100
25	M157A	X	0	0	0	%100
26	M157A	Z	3.411	3.411	0	%100
27	M160A	X	0	0	0	%100
28	M160A	Z	1.923	1.923	0	%100
29	M161A	X	0	0	0	%100
30	M161A	Z	3.44	3.44	0	%100
31	M162A	X	0	0	0	%100
32	M162A	Z	.931	.931	0	%100
33	M163A	X	0	0	0	%100
34	M163A	Z	.931	.931	0	%100
35	M164A	X	0	0	0	%100
36	M164A	Z	1.453	1.453	0	%100
37	M167A	X	0	0	0	%100
38	M167A	Z	1.071	1.071	0	%100
39	M168A	X	0	0	0	%100
40	M168A	Z	4.283	4.283	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
41	M172A	X	0	0	0	%100
42	M172A	Z	4.29	4.29	0	%100
43	M173A	X	0	0	0	%100
44	M173A	Z	1.451	1.451	0	%100
45	M175	X	0	0	0	%100
46	M175	Z	1.515	1.515	0	%100
47	M177	X	0	0	0	%100
48	M177	Z	4.29	4.29	0	%100
49	M178	X	0	0	0	%100
50	M178	Z	5.806	5.806	0	%100
51	M180	X	0	0	0	%100
52	M180	Z	6.058	6.058	0	%100
53	M187	X	0	0	0	%100
54	M187	Z	.853	.853	0	%100
55	OVP2	X	0	0	0	%100
56	OVP2	Z	3.006	3.006	0	%100
57	M190	X	0	0	0	%100
58	M190	Z	4.184	4.184	0	%100
59	M191	X	0	0	0	%100
60	M191	Z	3.44	3.44	0	%100
61	M192	X	0	0	0	%100
62	M192	Z	.931	.931	0	%100
63	M193	X	0	0	0	%100
64	M193	Z	.931	.931	0	%100
65	M194	X	0	0	0	%100
66	M194	Z	1.453	1.453	0	%100
67	M197	X	0	0	0	%100
68	M197	Z	4.283	4.283	0	%100
69	M198	X	0	0	0	%100
70	M198	Z	1.071	1.071	0	%100
71	M202	X	0	0	0	%100
72	M202	Z	4.29	4.29	0	%100
73	M203	X	0	0	0	%100
74	M203	Z	5.806	5.806	0	%100
75	M205	X	0	0	0	%100
76	M205	Z	6.058	6.058	0	%100
77	M207	X	0	0	0	%100
78	M207	Z	4.29	4.29	0	%100
79	M208	X	0	0	0	%100
80	M208	Z	1.451	1.451	0	%100
81	M210	X	0	0	0	%100
82	M210	Z	1.515	1.515	0	%100
83	M217	X	0	0	0	%100
84	M217	Z	.853	.853	0	%100
85	OVP	X	0	0	0	%100
86	OVP	Z	3.006	3.006	0	%100
87	M220	X	0	0	0	%100
88	M220	Z	4.184	4.184	0	%100
89	M221	X	0	0	0	%100
90	M221	Z	4.544	4.544	0	%100
91	MP1A	X	0	0	0	%100
92	MP1A	Z	3.671	3.671	0	%100
93	M224	X	0	0	0	%100
94	M224	Z	3.671	3.671	0	%100
95	MP2A	X	0	0	0	%100
96	MP2A	Z	3.671	3.671	0	%100
97	MP3A	X	0	0	0	%100
98	MP3A	Z	4.059	4.059	0	%100
99	MP4A	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,...	Start Location[ft,%]	End Location[ft,%]
100	MP4A	Z	3.671	3.671	0	%100
101	M105	X	0	0	0	%100
102	M105	Z	1.136	1.136	0	%100
103	MP1C	X	0	0	0	%100
104	MP1C	Z	3.671	3.671	0	%100
105	M108	X	0	0	0	%100
106	M108	Z	.918	.918	0	%100
107	MP2C	X	0	0	0	%100
108	MP2C	Z	3.671	3.671	0	%100
109	MP3C	X	0	0	0	%100
110	MP3C	Z	4.059	4.059	0	%100
111	MP4C	X	0	0	0	%100
112	MP4C	Z	3.671	3.671	0	%100
113	M119	X	0	0	0	%100
114	M119	Z	1.136	1.136	0	%100
115	MP1B	X	0	0	0	%100
116	MP1B	Z	3.671	3.671	0	%100
117	M122	X	0	0	0	%100
118	M122	Z	.918	.918	0	%100
119	MP2B	X	0	0	0	%100
120	MP2B	Z	3.671	3.671	0	%100
121	MP3B	X	0	0	0	%100
122	MP3B	Z	4.059	4.059	0	%100
123	MP4B	X	0	0	0	%100
124	MP4B	Z	3.671	3.671	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M131B	X	-.573	-.573	0	%100
2	M131B	Z	.993	.993	0	%100
3	M132A	X	-1.397	-1.397	0	%100
4	M132A	Z	2.419	2.419	0	%100
5	M133A	X	-1.397	-1.397	0	%100
6	M133A	Z	2.419	2.419	0	%100
7	M134A	X	-2.18	-2.18	0	%100
8	M134A	Z	3.775	3.775	0	%100
9	M137A	X	-1.606	-1.606	0	%100
10	M137A	Z	2.782	2.782	0	%100
11	M138A	X	0	0	0	%100
12	M138A	Z	0	0	0	%100
13	M142A	X	-.715	-.715	0	%100
14	M142A	Z	1.238	1.238	0	%100
15	M143A	X	-2.177	-2.177	0	%100
16	M143A	Z	3.771	3.771	0	%100
17	M145A	X	-2.272	-2.272	0	%100
18	M145A	Z	3.935	3.935	0	%100
19	M147A	X	-.715	-.715	0	%100
20	M147A	Z	1.238	1.238	0	%100
21	M148A	X	0	0	0	%100
22	M148A	Z	0	0	0	%100
23	M150A	X	0	0	0	%100
24	M150A	Z	0	0	0	%100
25	M157A	X	-1.279	-1.279	0	%100
26	M157A	Z	2.216	2.216	0	%100
27	M160A	X	-1.338	-1.338	0	%100
28	M160A	Z	2.318	2.318	0	%100
29	M161A	X	-.573	-.573	0	%100
30	M161A	Z	.993	.993	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
31	M162A	X	-1.397	-1.397	0	%100
32	M162A	Z	2.419	2.419	0	%100
33	M163A	X	-1.397	-1.397	0	%100
34	M163A	Z	2.419	2.419	0	%100
35	M164A	X	-2.18	-2.18	0	%100
36	M164A	Z	3.775	3.775	0	%100
37	M167A	X	0	0	0	%100
38	M167A	Z	0	0	0	%100
39	M168A	X	-1.606	-1.606	0	%100
40	M168A	Z	2.782	2.782	0	%100
41	M172A	X	-.715	-.715	0	%100
42	M172A	Z	1.238	1.238	0	%100
43	M173A	X	0	0	0	%100
44	M173A	Z	0	0	0	%100
45	M175	X	0	0	0	%100
46	M175	Z	0	0	0	%100
47	M177	X	-.715	-.715	0	%100
48	M177	Z	1.238	1.238	0	%100
49	M178	X	-2.177	-2.177	0	%100
50	M178	Z	3.771	3.771	0	%100
51	M180	X	-2.272	-2.272	0	%100
52	M180	Z	3.935	3.935	0	%100
53	M187	X	-1.279	-1.279	0	%100
54	M187	Z	2.216	2.216	0	%100
55	OVP2	X	-1.503	-1.503	0	%100
56	OVP2	Z	2.603	2.603	0	%100
57	M190	X	-1.338	-1.338	0	%100
58	M190	Z	2.318	2.318	0	%100
59	M191	X	-2.293	-2.293	0	%100
60	M191	Z	3.972	3.972	0	%100
61	M192	X	0	0	0	%100
62	M192	Z	0	0	0	%100
63	M193	X	0	0	0	%100
64	M193	Z	0	0	0	%100
65	M194	X	0	0	0	%100
66	M194	Z	0	0	0	%100
67	M197	X	-1.606	-1.606	0	%100
68	M197	Z	2.782	2.782	0	%100
69	M198	X	-1.606	-1.606	0	%100
70	M198	Z	2.782	2.782	0	%100
71	M202	X	-2.86	-2.86	0	%100
72	M202	Z	4.953	4.953	0	%100
73	M203	X	-2.177	-2.177	0	%100
74	M203	Z	3.771	3.771	0	%100
75	M205	X	-2.272	-2.272	0	%100
76	M205	Z	3.935	3.935	0	%100
77	M207	X	-2.86	-2.86	0	%100
78	M207	Z	4.953	4.953	0	%100
79	M208	X	-2.177	-2.177	0	%100
80	M208	Z	3.771	3.771	0	%100
81	M210	X	-2.272	-2.272	0	%100
82	M210	Z	3.935	3.935	0	%100
83	M217	X	0	0	0	%100
84	M217	Z	0	0	0	%100
85	OVP	X	-1.503	-1.503	0	%100
86	OVP	Z	2.603	2.603	0	%100
87	M220	X	-2.469	-2.469	0	%100
88	M220	Z	4.276	4.276	0	%100
89	M221	X	-1.704	-1.704	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
90	M221	Z	2.951	2.951	0	%100
91	MP1A	X	-1.836	-1.836	0	%100
92	MP1A	Z	3.18	3.18	0	%100
93	M224	X	-1.377	-1.377	0	%100
94	M224	Z	2.385	2.385	0	%100
95	MP2A	X	-1.836	-1.836	0	%100
96	MP2A	Z	3.18	3.18	0	%100
97	MP3A	X	-2.03	-2.03	0	%100
98	MP3A	Z	3.515	3.515	0	%100
99	MP4A	X	-1.836	-1.836	0	%100
100	MP4A	Z	3.18	3.18	0	%100
101	M105	X	-1.704	-1.704	0	%100
102	M105	Z	2.951	2.951	0	%100
103	MP1C	X	-1.836	-1.836	0	%100
104	MP1C	Z	3.18	3.18	0	%100
105	M108	X	-1.377	-1.377	0	%100
106	M108	Z	2.385	2.385	0	%100
107	MP2C	X	-1.836	-1.836	0	%100
108	MP2C	Z	3.18	3.18	0	%100
109	MP3C	X	-2.03	-2.03	0	%100
110	MP3C	Z	3.515	3.515	0	%100
111	MP4C	X	-1.836	-1.836	0	%100
112	MP4C	Z	3.18	3.18	0	%100
113	M119	X	0	0	0	%100
114	M119	Z	0	0	0	%100
115	MP1B	X	-1.836	-1.836	0	%100
116	MP1B	Z	3.18	3.18	0	%100
117	M122	X	0	0	0	%100
118	M122	Z	0	0	0	%100
119	MP2B	X	-1.836	-1.836	0	%100
120	MP2B	Z	3.18	3.18	0	%100
121	MP3B	X	-2.03	-2.03	0	%100
122	MP3B	Z	3.515	3.515	0	%100
123	MP4B	X	-1.836	-1.836	0	%100
124	MP4B	Z	3.18	3.18	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M131B	X	-2.979	-2.979	0	%100
2	M131B	Z	1.72	1.72	0	%100
3	M132A	X	-.806	-.806	0	%100
4	M132A	Z	.466	.466	0	%100
5	M133A	X	-.806	-.806	0	%100
6	M133A	Z	.466	.466	0	%100
7	M134A	X	-1.258	-1.258	0	%100
8	M134A	Z	.727	.727	0	%100
9	M137A	X	-3.709	-3.709	0	%100
10	M137A	Z	2.142	2.142	0	%100
11	M138A	X	-.927	-.927	0	%100
12	M138A	Z	.535	.535	0	%100
13	M142A	X	-3.715	-3.715	0	%100
14	M142A	Z	2.145	2.145	0	%100
15	M143A	X	-5.028	-5.028	0	%100
16	M143A	Z	2.903	2.903	0	%100
17	M145A	X	-5.246	-5.246	0	%100
18	M145A	Z	3.029	3.029	0	%100
19	M147A	X	-3.715	-3.715	0	%100
20	M147A	Z	2.145	2.145	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
21	M148A	X	-1.257	-1.257	0	%100
22	M148A	Z	.726	.726	0	%100
23	M150A	X	-1.312	-1.312	0	%100
24	M150A	Z	.757	.757	0	%100
25	M157A	X	-.739	-.739	0	%100
26	M157A	Z	.426	.426	0	%100
27	M160A	X	-3.623	-3.623	0	%100
28	M160A	Z	2.092	2.092	0	%100
29	M161A	X	0	0	0	%100
30	M161A	Z	0	0	0	%100
31	M162A	X	-3.225	-3.225	0	%100
32	M162A	Z	1.862	1.862	0	%100
33	M163A	X	-3.225	-3.225	0	%100
34	M163A	Z	1.862	1.862	0	%100
35	M164A	X	-5.034	-5.034	0	%100
36	M164A	Z	2.906	2.906	0	%100
37	M167A	X	-.927	-.927	0	%100
38	M167A	Z	.535	.535	0	%100
39	M168A	X	-.927	-.927	0	%100
40	M168A	Z	.535	.535	0	%100
41	M172A	X	0	0	0	%100
42	M172A	Z	0	0	0	%100
43	M173A	X	-1.257	-1.257	0	%100
44	M173A	Z	.726	.726	0	%100
45	M175	X	-1.312	-1.312	0	%100
46	M175	Z	.757	.757	0	%100
47	M177	X	0	0	0	%100
48	M177	Z	0	0	0	%100
49	M178	X	-1.257	-1.257	0	%100
50	M178	Z	.726	.726	0	%100
51	M180	X	-1.312	-1.312	0	%100
52	M180	Z	.757	.757	0	%100
53	M187	X	-2.954	-2.954	0	%100
54	M187	Z	1.706	1.706	0	%100
55	OVP2	X	-2.603	-2.603	0	%100
56	OVP2	Z	1.503	1.503	0	%100
57	M190	X	-1.665	-1.665	0	%100
58	M190	Z	.961	.961	0	%100
59	M191	X	-2.979	-2.979	0	%100
60	M191	Z	1.72	1.72	0	%100
61	M192	X	-.806	-.806	0	%100
62	M192	Z	.466	.466	0	%100
63	M193	X	-.806	-.806	0	%100
64	M193	Z	.466	.466	0	%100
65	M194	X	-1.258	-1.258	0	%100
66	M194	Z	.727	.727	0	%100
67	M197	X	-.927	-.927	0	%100
68	M197	Z	.535	.535	0	%100
69	M198	X	-3.709	-3.709	0	%100
70	M198	Z	2.142	2.142	0	%100
71	M202	X	-3.715	-3.715	0	%100
72	M202	Z	2.145	2.145	0	%100
73	M203	X	-1.257	-1.257	0	%100
74	M203	Z	.726	.726	0	%100
75	M205	X	-1.312	-1.312	0	%100
76	M205	Z	.757	.757	0	%100
77	M207	X	-3.715	-3.715	0	%100
78	M207	Z	2.145	2.145	0	%100
79	M208	X	-5.028	-5.028	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
80	M208	Z	2.903	2.903	0	%100
81	M210	X	-5.246	-5.246	0	%100
82	M210	Z	3.029	3.029	0	%100
83	M217	X	-.739	-.739	0	%100
84	M217	Z	.426	.426	0	%100
85	OVP	X	-2.603	-2.603	0	%100
86	OVP	Z	1.503	1.503	0	%100
87	M220	X	-3.623	-3.623	0	%100
88	M220	Z	2.092	2.092	0	%100
89	M221	X	-.984	-.984	0	%100
90	M221	Z	.568	.568	0	%100
91	MP1A	X	-3.18	-3.18	0	%100
92	MP1A	Z	1.836	1.836	0	%100
93	M224	X	-.795	-.795	0	%100
94	M224	Z	.459	.459	0	%100
95	MP2A	X	-3.18	-3.18	0	%100
96	MP2A	Z	1.836	1.836	0	%100
97	MP3A	X	-3.515	-3.515	0	%100
98	MP3A	Z	2.03	2.03	0	%100
99	MP4A	X	-3.18	-3.18	0	%100
100	MP4A	Z	1.836	1.836	0	%100
101	M105	X	-3.935	-3.935	0	%100
102	M105	Z	2.272	2.272	0	%100
103	MP1C	X	-3.18	-3.18	0	%100
104	MP1C	Z	1.836	1.836	0	%100
105	M108	X	-3.18	-3.18	0	%100
106	M108	Z	1.836	1.836	0	%100
107	MP2C	X	-3.18	-3.18	0	%100
108	MP2C	Z	1.836	1.836	0	%100
109	MP3C	X	-3.515	-3.515	0	%100
110	MP3C	Z	2.03	2.03	0	%100
111	MP4C	X	-3.18	-3.18	0	%100
112	MP4C	Z	1.836	1.836	0	%100
113	M119	X	-.984	-.984	0	%100
114	M119	Z	.568	.568	0	%100
115	MP1B	X	-3.18	-3.18	0	%100
116	MP1B	Z	1.836	1.836	0	%100
117	M122	X	-.795	-.795	0	%100
118	M122	Z	.459	.459	0	%100
119	MP2B	X	-3.18	-3.18	0	%100
120	MP2B	Z	1.836	1.836	0	%100
121	MP3B	X	-3.515	-3.515	0	%100
122	MP3B	Z	2.03	2.03	0	%100
123	MP4B	X	-3.18	-3.18	0	%100
124	MP4B	Z	1.836	1.836	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M131B	X	-4.586	-4.586	0	%100
2	M131B	Z	0	0	0	%100
3	M132A	X	0	0	0	%100
4	M132A	Z	0	0	0	%100
5	M133A	X	0	0	0	%100
6	M133A	Z	0	0	0	%100
7	M134A	X	0	0	0	%100
8	M134A	Z	0	0	0	%100
9	M137A	X	-3.212	-3.212	0	%100
10	M137A	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,...	Start Location[ft,%]	End Location[ft,%]
11	M138A	X	-3.212	-3.212	0	%100
12	M138A	Z	0	0	0	%100
13	M142A	X	-5.72	-5.72	0	%100
14	M142A	Z	0	0	0	%100
15	M143A	X	-4.354	-4.354	0	%100
16	M143A	Z	0	0	0	%100
17	M145A	X	-4.544	-4.544	0	%100
18	M145A	Z	0	0	0	%100
19	M147A	X	-5.72	-5.72	0	%100
20	M147A	Z	0	0	0	%100
21	M148A	X	-4.354	-4.354	0	%100
22	M148A	Z	0	0	0	%100
23	M150A	X	-4.544	-4.544	0	%100
24	M150A	Z	0	0	0	%100
25	M157A	X	0	0	0	%100
26	M157A	Z	0	0	0	%100
27	M160A	X	-4.937	-4.937	0	%100
28	M160A	Z	0	0	0	%100
29	M161A	X	-1.147	-1.147	0	%100
30	M161A	Z	0	0	0	%100
31	M162A	X	-2.793	-2.793	0	%100
32	M162A	Z	0	0	0	%100
33	M163A	X	-2.793	-2.793	0	%100
34	M163A	Z	0	0	0	%100
35	M164A	X	-4.359	-4.359	0	%100
36	M164A	Z	0	0	0	%100
37	M167A	X	-3.212	-3.212	0	%100
38	M167A	Z	0	0	0	%100
39	M168A	X	0	0	0	%100
40	M168A	Z	0	0	0	%100
41	M172A	X	-1.43	-1.43	0	%100
42	M172A	Z	0	0	0	%100
43	M173A	X	-4.354	-4.354	0	%100
44	M173A	Z	0	0	0	%100
45	M175	X	-4.544	-4.544	0	%100
46	M175	Z	0	0	0	%100
47	M177	X	-1.43	-1.43	0	%100
48	M177	Z	0	0	0	%100
49	M178	X	0	0	0	%100
50	M178	Z	0	0	0	%100
51	M180	X	0	0	0	%100
52	M180	Z	0	0	0	%100
53	M187	X	-2.558	-2.558	0	%100
54	M187	Z	0	0	0	%100
55	OVP2	X	-3.006	-3.006	0	%100
56	OVP2	Z	0	0	0	%100
57	M190	X	-2.676	-2.676	0	%100
58	M190	Z	0	0	0	%100
59	M191	X	-1.147	-1.147	0	%100
60	M191	Z	0	0	0	%100
61	M192	X	-2.793	-2.793	0	%100
62	M192	Z	0	0	0	%100
63	M193	X	-2.793	-2.793	0	%100
64	M193	Z	0	0	0	%100
65	M194	X	-4.359	-4.359	0	%100
66	M194	Z	0	0	0	%100
67	M197	X	0	0	0	%100
68	M197	Z	0	0	0	%100
69	M198	X	-3.212	-3.212	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
70	M198	Z	0	0	0	%100
71	M202	X	-1.43	-1.43	0	%100
72	M202	Z	0	0	0	%100
73	M203	X	0	0	0	%100
74	M203	Z	0	0	0	%100
75	M205	X	0	0	0	%100
76	M205	Z	0	0	0	%100
77	M207	X	-1.43	-1.43	0	%100
78	M207	Z	0	0	0	%100
79	M208	X	-4.354	-4.354	0	%100
80	M208	Z	0	0	0	%100
81	M210	X	-4.544	-4.544	0	%100
82	M210	Z	0	0	0	%100
83	M217	X	-2.558	-2.558	0	%100
84	M217	Z	0	0	0	%100
85	OVP	X	-3.006	-3.006	0	%100
86	OVP	Z	0	0	0	%100
87	M220	X	-2.676	-2.676	0	%100
88	M220	Z	0	0	0	%100
89	M221	X	0	0	0	%100
90	M221	Z	0	0	0	%100
91	MP1A	X	-3.671	-3.671	0	%100
92	MP1A	Z	0	0	0	%100
93	M224	X	0	0	0	%100
94	M224	Z	0	0	0	%100
95	MP2A	X	-3.671	-3.671	0	%100
96	MP2A	Z	0	0	0	%100
97	MP3A	X	-4.059	-4.059	0	%100
98	MP3A	Z	0	0	0	%100
99	MP4A	X	-3.671	-3.671	0	%100
100	MP4A	Z	0	0	0	%100
101	M105	X	-3.408	-3.408	0	%100
102	M105	Z	0	0	0	%100
103	MP1C	X	-3.671	-3.671	0	%100
104	MP1C	Z	0	0	0	%100
105	M108	X	-2.754	-2.754	0	%100
106	M108	Z	0	0	0	%100
107	MP2C	X	-3.671	-3.671	0	%100
108	MP2C	Z	0	0	0	%100
109	MP3C	X	-4.059	-4.059	0	%100
110	MP3C	Z	0	0	0	%100
111	MP4C	X	-3.671	-3.671	0	%100
112	MP4C	Z	0	0	0	%100
113	M119	X	-3.408	-3.408	0	%100
114	M119	Z	0	0	0	%100
115	MP1B	X	-3.671	-3.671	0	%100
116	MP1B	Z	0	0	0	%100
117	M122	X	-2.754	-2.754	0	%100
118	M122	Z	0	0	0	%100
119	MP2B	X	-3.671	-3.671	0	%100
120	MP2B	Z	0	0	0	%100
121	MP3B	X	-4.059	-4.059	0	%100
122	MP3B	Z	0	0	0	%100
123	MP4B	X	-3.671	-3.671	0	%100
124	MP4B	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,...	Start Location[ft,%]	End Location[ft,%]

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M131B	X	-2.979	-2.979	0	%100
2	M131B	Z	-1.72	-1.72	0	%100
3	M132A	X	-.806	-.806	0	%100
4	M132A	Z	-.466	-.466	0	%100
5	M133A	X	-.806	-.806	0	%100
6	M133A	Z	-.466	-.466	0	%100
7	M134A	X	-1.258	-1.258	0	%100
8	M134A	Z	-.727	-.727	0	%100
9	M137A	X	-.927	-.927	0	%100
10	M137A	Z	-.535	-.535	0	%100
11	M138A	X	-3.709	-3.709	0	%100
12	M138A	Z	-2.142	-2.142	0	%100
13	M142A	X	-3.715	-3.715	0	%100
14	M142A	Z	-2.145	-2.145	0	%100
15	M143A	X	-1.257	-1.257	0	%100
16	M143A	Z	-.726	-.726	0	%100
17	M145A	X	-1.312	-1.312	0	%100
18	M145A	Z	-.757	-.757	0	%100
19	M147A	X	-3.715	-3.715	0	%100
20	M147A	Z	-2.145	-2.145	0	%100
21	M148A	X	-5.028	-5.028	0	%100
22	M148A	Z	-2.903	-2.903	0	%100
23	M150A	X	-5.246	-5.246	0	%100
24	M150A	Z	-3.029	-3.029	0	%100
25	M157A	X	-.739	-.739	0	%100
26	M157A	Z	-.426	-.426	0	%100
27	M160A	X	-3.623	-3.623	0	%100
28	M160A	Z	-2.092	-2.092	0	%100
29	M161A	X	-2.979	-2.979	0	%100
30	M161A	Z	-1.72	-1.72	0	%100
31	M162A	X	-.806	-.806	0	%100
32	M162A	Z	-.466	-.466	0	%100
33	M163A	X	-.806	-.806	0	%100
34	M163A	Z	-.466	-.466	0	%100
35	M164A	X	-1.258	-1.258	0	%100
36	M164A	Z	-.727	-.727	0	%100
37	M167A	X	-3.709	-3.709	0	%100
38	M167A	Z	-2.142	-2.142	0	%100
39	M168A	X	-.927	-.927	0	%100
40	M168A	Z	-.535	-.535	0	%100
41	M172A	X	-3.715	-3.715	0	%100
42	M172A	Z	-2.145	-2.145	0	%100
43	M173A	X	-5.028	-5.028	0	%100
44	M173A	Z	-2.903	-2.903	0	%100
45	M175	X	-5.246	-5.246	0	%100
46	M175	Z	-3.029	-3.029	0	%100
47	M177	X	-3.715	-3.715	0	%100
48	M177	Z	-2.145	-2.145	0	%100
49	M178	X	-1.257	-1.257	0	%100
50	M178	Z	-.726	-.726	0	%100
51	M180	X	-1.312	-1.312	0	%100
52	M180	Z	-.757	-.757	0	%100
53	M187	X	-.739	-.739	0	%100
54	M187	Z	-.426	-.426	0	%100
55	OVP2	X	-2.603	-2.603	0	%100
56	OVP2	Z	-1.503	-1.503	0	%100
57	M190	X	-3.623	-3.623	0	%100
58	M190	Z	-2.092	-2.092	0	%100
59	M191	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
60	M191	Z	0	0	0	%100
61	M192	X	-3.225	-3.225	0	%100
62	M192	Z	-1.862	-1.862	0	%100
63	M193	X	-3.225	-3.225	0	%100
64	M193	Z	-1.862	-1.862	0	%100
65	M194	X	-5.034	-5.034	0	%100
66	M194	Z	-2.906	-2.906	0	%100
67	M197	X	-.927	-.927	0	%100
68	M197	Z	-.535	-.535	0	%100
69	M198	X	-.927	-.927	0	%100
70	M198	Z	-.535	-.535	0	%100
71	M202	X	0	0	0	%100
72	M202	Z	0	0	0	%100
73	M203	X	-1.257	-1.257	0	%100
74	M203	Z	-.726	-.726	0	%100
75	M205	X	-1.312	-1.312	0	%100
76	M205	Z	-.757	-.757	0	%100
77	M207	X	0	0	0	%100
78	M207	Z	0	0	0	%100
79	M208	X	-1.257	-1.257	0	%100
80	M208	Z	-.726	-.726	0	%100
81	M210	X	-1.312	-1.312	0	%100
82	M210	Z	-.757	-.757	0	%100
83	M217	X	-2.954	-2.954	0	%100
84	M217	Z	-1.706	-1.706	0	%100
85	OVP	X	-2.603	-2.603	0	%100
86	OVP	Z	-1.503	-1.503	0	%100
87	M220	X	-1.665	-1.665	0	%100
88	M220	Z	-.961	-.961	0	%100
89	M221	X	-.984	-.984	0	%100
90	M221	Z	-.568	-.568	0	%100
91	MP1A	X	-3.18	-3.18	0	%100
92	MP1A	Z	-1.836	-1.836	0	%100
93	M224	X	-.795	-.795	0	%100
94	M224	Z	-.459	-.459	0	%100
95	MP2A	X	-3.18	-3.18	0	%100
96	MP2A	Z	-1.836	-1.836	0	%100
97	MP3A	X	-3.515	-3.515	0	%100
98	MP3A	Z	-2.03	-2.03	0	%100
99	MP4A	X	-3.18	-3.18	0	%100
100	MP4A	Z	-1.836	-1.836	0	%100
101	M105	X	-.984	-.984	0	%100
102	M105	Z	-.568	-.568	0	%100
103	MP1C	X	-3.18	-3.18	0	%100
104	MP1C	Z	-1.836	-1.836	0	%100
105	M108	X	-.795	-.795	0	%100
106	M108	Z	-.459	-.459	0	%100
107	MP2C	X	-3.18	-3.18	0	%100
108	MP2C	Z	-1.836	-1.836	0	%100
109	MP3C	X	-3.515	-3.515	0	%100
110	MP3C	Z	-2.03	-2.03	0	%100
111	MP4C	X	-3.18	-3.18	0	%100
112	MP4C	Z	-1.836	-1.836	0	%100
113	M119	X	-3.935	-3.935	0	%100
114	M119	Z	-2.272	-2.272	0	%100
115	MP1B	X	-3.18	-3.18	0	%100
116	MP1B	Z	-1.836	-1.836	0	%100
117	M122	X	-3.18	-3.18	0	%100
118	M122	Z	-1.836	-1.836	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
119	MP2B	X	-3.18	-3.18	0	%100
120	MP2B	Z	-1.836	-1.836	0	%100
121	MP3B	X	-3.515	-3.515	0	%100
122	MP3B	Z	-2.03	-2.03	0	%100
123	MP4B	X	-3.18	-3.18	0	%100
124	MP4B	Z	-1.836	-1.836	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M131B	X	-.573	-.573	0	%100
2	M131B	Z	-.993	-.993	0	%100
3	M132A	X	-1.397	-1.397	0	%100
4	M132A	Z	-2.419	-2.419	0	%100
5	M133A	X	-1.397	-1.397	0	%100
6	M133A	Z	-2.419	-2.419	0	%100
7	M134A	X	-2.18	-2.18	0	%100
8	M134A	Z	-3.775	-3.775	0	%100
9	M137A	X	0	0	0	%100
10	M137A	Z	0	0	0	%100
11	M138A	X	-1.606	-1.606	0	%100
12	M138A	Z	-2.782	-2.782	0	%100
13	M142A	X	-.715	-.715	0	%100
14	M142A	Z	-1.238	-1.238	0	%100
15	M143A	X	0	0	0	%100
16	M143A	Z	0	0	0	%100
17	M145A	X	0	0	0	%100
18	M145A	Z	0	0	0	%100
19	M147A	X	-.715	-.715	0	%100
20	M147A	Z	-1.238	-1.238	0	%100
21	M148A	X	-2.177	-2.177	0	%100
22	M148A	Z	-3.771	-3.771	0	%100
23	M150A	X	-2.272	-2.272	0	%100
24	M150A	Z	-3.935	-3.935	0	%100
25	M157A	X	-1.279	-1.279	0	%100
26	M157A	Z	-2.216	-2.216	0	%100
27	M160A	X	-1.338	-1.338	0	%100
28	M160A	Z	-2.318	-2.318	0	%100
29	M161A	X	-2.293	-2.293	0	%100
30	M161A	Z	-3.972	-3.972	0	%100
31	M162A	X	0	0	0	%100
32	M162A	Z	0	0	0	%100
33	M163A	X	0	0	0	%100
34	M163A	Z	0	0	0	%100
35	M164A	X	0	0	0	%100
36	M164A	Z	0	0	0	%100
37	M167A	X	-1.606	-1.606	0	%100
38	M167A	Z	-2.782	-2.782	0	%100
39	M168A	X	-1.606	-1.606	0	%100
40	M168A	Z	-2.782	-2.782	0	%100
41	M172A	X	-2.86	-2.86	0	%100
42	M172A	Z	-4.953	-4.953	0	%100
43	M173A	X	-2.177	-2.177	0	%100
44	M173A	Z	-3.771	-3.771	0	%100
45	M175	X	-2.272	-2.272	0	%100
46	M175	Z	-3.935	-3.935	0	%100
47	M177	X	-2.86	-2.86	0	%100
48	M177	Z	-4.953	-4.953	0	%100
49	M178	X	-2.177	-2.177	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
50	M178	Z	-3.771	-3.771	0	%100
51	M180	X	-2.272	-2.272	0	%100
52	M180	Z	-3.935	-3.935	0	%100
53	M187	X	0	0	0	%100
54	M187	Z	0	0	0	%100
55	OVP2	X	-1.503	-1.503	0	%100
56	OVP2	Z	-2.603	-2.603	0	%100
57	M190	X	-2.469	-2.469	0	%100
58	M190	Z	-4.276	-4.276	0	%100
59	M191	X	-.573	-.573	0	%100
60	M191	Z	-.993	-.993	0	%100
61	M192	X	-1.397	-1.397	0	%100
62	M192	Z	-2.419	-2.419	0	%100
63	M193	X	-1.397	-1.397	0	%100
64	M193	Z	-2.419	-2.419	0	%100
65	M194	X	-2.18	-2.18	0	%100
66	M194	Z	-3.775	-3.775	0	%100
67	M197	X	-1.606	-1.606	0	%100
68	M197	Z	-2.782	-2.782	0	%100
69	M198	X	0	0	0	%100
70	M198	Z	0	0	0	%100
71	M202	X	-.715	-.715	0	%100
72	M202	Z	-1.238	-1.238	0	%100
73	M203	X	-2.177	-2.177	0	%100
74	M203	Z	-3.771	-3.771	0	%100
75	M205	X	-2.272	-2.272	0	%100
76	M205	Z	-3.935	-3.935	0	%100
77	M207	X	-.715	-.715	0	%100
78	M207	Z	-1.238	-1.238	0	%100
79	M208	X	0	0	0	%100
80	M208	Z	0	0	0	%100
81	M210	X	0	0	0	%100
82	M210	Z	0	0	0	%100
83	M217	X	-1.279	-1.279	0	%100
84	M217	Z	-2.216	-2.216	0	%100
85	OVP	X	-1.503	-1.503	0	%100
86	OVP	Z	-2.603	-2.603	0	%100
87	M220	X	-1.338	-1.338	0	%100
88	M220	Z	-2.318	-2.318	0	%100
89	M221	X	-1.704	-1.704	0	%100
90	M221	Z	-2.951	-2.951	0	%100
91	MP1A	X	-1.836	-1.836	0	%100
92	MP1A	Z	-3.18	-3.18	0	%100
93	M224	X	-1.377	-1.377	0	%100
94	M224	Z	-2.385	-2.385	0	%100
95	MP2A	X	-1.836	-1.836	0	%100
96	MP2A	Z	-3.18	-3.18	0	%100
97	MP3A	X	-2.03	-2.03	0	%100
98	MP3A	Z	-3.515	-3.515	0	%100
99	MP4A	X	-1.836	-1.836	0	%100
100	MP4A	Z	-3.18	-3.18	0	%100
101	M105	X	0	0	0	%100
102	M105	Z	0	0	0	%100
103	MP1C	X	-1.836	-1.836	0	%100
104	MP1C	Z	-3.18	-3.18	0	%100
105	M108	X	0	0	0	%100
106	M108	Z	0	0	0	%100
107	MP2C	X	-1.836	-1.836	0	%100
108	MP2C	Z	-3.18	-3.18	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
109	MP3C	X	-2.03	-2.03	0	%100
110	MP3C	Z	-3.515	-3.515	0	%100
111	MP4C	X	-1.836	-1.836	0	%100
112	MP4C	Z	-3.18	-3.18	0	%100
113	M119	X	-1.704	-1.704	0	%100
114	M119	Z	-2.951	-2.951	0	%100
115	MP1B	X	-1.836	-1.836	0	%100
116	MP1B	Z	-3.18	-3.18	0	%100
117	M122	X	-1.377	-1.377	0	%100
118	M122	Z	-2.385	-2.385	0	%100
119	MP2B	X	-1.836	-1.836	0	%100
120	MP2B	Z	-3.18	-3.18	0	%100
121	MP3B	X	-2.03	-2.03	0	%100
122	MP3B	Z	-3.515	-3.515	0	%100
123	MP4B	X	-1.836	-1.836	0	%100
124	MP4B	Z	-3.18	-3.18	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M131B	X	0	0	0	%100
2	M131B	Z	0	0	0	%100
3	M132A	X	0	0	0	%100
4	M132A	Z	-.84	-.84	0	%100
5	M133A	X	0	0	0	%100
6	M133A	Z	-.84	-.84	0	%100
7	M134A	X	0	0	0	%100
8	M134A	Z	-1.675	-1.675	0	%100
9	M137A	X	0	0	0	%100
10	M137A	Z	-.232	-.232	0	%100
11	M138A	X	0	0	0	%100
12	M138A	Z	-.232	-.232	0	%100
13	M142A	X	0	0	0	%100
14	M142A	Z	0	0	0	%100
15	M143A	X	0	0	0	%100
16	M143A	Z	-.426	-.426	0	%100
17	M145A	X	0	0	0	%100
18	M145A	Z	-.449	-.449	0	%100
19	M147A	X	0	0	0	%100
20	M147A	Z	0	0	0	%100
21	M148A	X	0	0	0	%100
22	M148A	Z	-.426	-.426	0	%100
23	M150A	X	0	0	0	%100
24	M150A	Z	-.449	-.449	0	%100
25	M157A	X	0	0	0	%100
26	M157A	Z	-.794	-.794	0	%100
27	M160A	X	0	0	0	%100
28	M160A	Z	-.516	-.516	0	%100
29	M161A	X	0	0	0	%100
30	M161A	Z	-.744	-.744	0	%100
31	M162A	X	0	0	0	%100
32	M162A	Z	-.21	-.21	0	%100
33	M163A	X	0	0	0	%100
34	M163A	Z	-.21	-.21	0	%100
35	M164A	X	0	0	0	%100
36	M164A	Z	-.419	-.419	0	%100
37	M167A	X	0	0	0	%100
38	M167A	Z	-.232	-.232	0	%100
39	M168A	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,...	Start Location[ft,%]	End Location[ft,%]
40	M168A	Z	-.93	-.93	0	%100
41	M172A	X	0	0	0	%100
42	M172A	Z	-1.256	-1.256	0	%100
43	M173A	X	0	0	0	%100
44	M173A	Z	-.426	-.426	0	%100
45	M175	X	0	0	0	%100
46	M175	Z	-.449	-.449	0	%100
47	M177	X	0	0	0	%100
48	M177	Z	-1.256	-1.256	0	%100
49	M178	X	0	0	0	%100
50	M178	Z	-1.706	-1.706	0	%100
51	M180	X	0	0	0	%100
52	M180	Z	-1.797	-1.797	0	%100
53	M187	X	0	0	0	%100
54	M187	Z	-.198	-.198	0	%100
55	OVP2	X	0	0	0	%100
56	OVP2	Z	-.542	-.542	0	%100
57	M190	X	0	0	0	%100
58	M190	Z	-.973	-.973	0	%100
59	M191	X	0	0	0	%100
60	M191	Z	-.744	-.744	0	%100
61	M192	X	0	0	0	%100
62	M192	Z	-.21	-.21	0	%100
63	M193	X	0	0	0	%100
64	M193	Z	-.21	-.21	0	%100
65	M194	X	0	0	0	%100
66	M194	Z	-.419	-.419	0	%100
67	M197	X	0	0	0	%100
68	M197	Z	-.93	-.93	0	%100
69	M198	X	0	0	0	%100
70	M198	Z	-.232	-.232	0	%100
71	M202	X	0	0	0	%100
72	M202	Z	-1.256	-1.256	0	%100
73	M203	X	0	0	0	%100
74	M203	Z	-1.706	-1.706	0	%100
75	M205	X	0	0	0	%100
76	M205	Z	-1.797	-1.797	0	%100
77	M207	X	0	0	0	%100
78	M207	Z	-1.256	-1.256	0	%100
79	M208	X	0	0	0	%100
80	M208	Z	-.426	-.426	0	%100
81	M210	X	0	0	0	%100
82	M210	Z	-.449	-.449	0	%100
83	M217	X	0	0	0	%100
84	M217	Z	-.198	-.198	0	%100
85	OVP	X	0	0	0	%100
86	OVP	Z	-.542	-.542	0	%100
87	M220	X	0	0	0	%100
88	M220	Z	-.973	-.973	0	%100
89	M221	X	0	0	0	%100
90	M221	Z	-.844	-.844	0	%100
91	MP1A	X	0	0	0	%100
92	MP1A	Z	-.663	-.663	0	%100
93	M224	X	0	0	0	%100
94	M224	Z	-.663	-.663	0	%100
95	MP2A	X	0	0	0	%100
96	MP2A	Z	-.663	-.663	0	%100
97	MP3A	X	0	0	0	%100
98	MP3A	Z	-.802	-.802	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
99	MP4A	X	0	0	0	%100
100	MP4A	Z	-.663	-.663	0	%100
101	M105	X	0	0	0	%100
102	M105	Z	-.211	-.211	0	%100
103	MP1C	X	0	0	0	%100
104	MP1C	Z	-.663	-.663	0	%100
105	M108	X	0	0	0	%100
106	M108	Z	-.166	-.166	0	%100
107	MP2C	X	0	0	0	%100
108	MP2C	Z	-.663	-.663	0	%100
109	MP3C	X	0	0	0	%100
110	MP3C	Z	-.802	-.802	0	%100
111	MP4C	X	0	0	0	%100
112	MP4C	Z	-.663	-.663	0	%100
113	M119	X	0	0	0	%100
114	M119	Z	-.211	-.211	0	%100
115	MP1B	X	0	0	0	%100
116	MP1B	Z	-.663	-.663	0	%100
117	M122	X	0	0	0	%100
118	M122	Z	-.166	-.166	0	%100
119	MP2B	X	0	0	0	%100
120	MP2B	Z	-.663	-.663	0	%100
121	MP3B	X	0	0	0	%100
122	MP3B	Z	-.802	-.802	0	%100
123	MP4B	X	0	0	0	%100
124	MP4B	Z	-.663	-.663	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M131B	X	.124	.124	0	%100
2	M131B	Z	-.215	-.215	0	%100
3	M132A	X	.315	.315	0	%100
4	M132A	Z	-.545	-.545	0	%100
5	M133A	X	.315	.315	0	%100
6	M133A	Z	-.545	-.545	0	%100
7	M134A	X	.628	.628	0	%100
8	M134A	Z	-1.088	-1.088	0	%100
9	M137A	X	.349	.349	0	%100
10	M137A	Z	-.604	-.604	0	%100
11	M138A	X	0	0	0	%100
12	M138A	Z	0	0	0	%100
13	M142A	X	.209	.209	0	%100
14	M142A	Z	-.363	-.363	0	%100
15	M143A	X	.64	.64	0	%100
16	M143A	Z	-1.108	-1.108	0	%100
17	M145A	X	.674	.674	0	%100
18	M145A	Z	-1.167	-1.167	0	%100
19	M147A	X	.209	.209	0	%100
20	M147A	Z	-.363	-.363	0	%100
21	M148A	X	0	0	0	%100
22	M148A	Z	0	0	0	%100
23	M150A	X	0	0	0	%100
24	M150A	Z	0	0	0	%100
25	M157A	X	.298	.298	0	%100
26	M157A	Z	-.516	-.516	0	%100
27	M160A	X	.334	.334	0	%100
28	M160A	Z	-.579	-.579	0	%100
29	M161A	X	.124	.124	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
30	M161A	Z	-.215	-.215	0	%100
31	M162A	X	.315	.315	0	%100
32	M162A	Z	-.545	-.545	0	%100
33	M163A	X	.315	.315	0	%100
34	M163A	Z	-.545	-.545	0	%100
35	M164A	X	.628	.628	0	%100
36	M164A	Z	-1.088	-1.088	0	%100
37	M167A	X	0	0	0	%100
38	M167A	Z	0	0	0	%100
39	M168A	X	.349	.349	0	%100
40	M168A	Z	-.604	-.604	0	%100
41	M172A	X	.209	.209	0	%100
42	M172A	Z	-.363	-.363	0	%100
43	M173A	X	0	0	0	%100
44	M173A	Z	0	0	0	%100
45	M175	X	0	0	0	%100
46	M175	Z	0	0	0	%100
47	M177	X	.209	.209	0	%100
48	M177	Z	-.363	-.363	0	%100
49	M178	X	.64	.64	0	%100
50	M178	Z	-1.108	-1.108	0	%100
51	M180	X	.674	.674	0	%100
52	M180	Z	-1.167	-1.167	0	%100
53	M187	X	.298	.298	0	%100
54	M187	Z	-.516	-.516	0	%100
55	OVP2	X	.271	.271	0	%100
56	OVP2	Z	-.469	-.469	0	%100
57	M190	X	.334	.334	0	%100
58	M190	Z	-.579	-.579	0	%100
59	M191	X	.496	.496	0	%100
60	M191	Z	-.859	-.859	0	%100
61	M192	X	0	0	0	%100
62	M192	Z	0	0	0	%100
63	M193	X	0	0	0	%100
64	M193	Z	0	0	0	%100
65	M194	X	0	0	0	%100
66	M194	Z	0	0	0	%100
67	M197	X	.349	.349	0	%100
68	M197	Z	-.604	-.604	0	%100
69	M198	X	.349	.349	0	%100
70	M198	Z	-.604	-.604	0	%100
71	M202	X	.837	.837	0	%100
72	M202	Z	-1.45	-1.45	0	%100
73	M203	X	.64	.64	0	%100
74	M203	Z	-1.108	-1.108	0	%100
75	M205	X	.674	.674	0	%100
76	M205	Z	-1.167	-1.167	0	%100
77	M207	X	.837	.837	0	%100
78	M207	Z	-1.45	-1.45	0	%100
79	M208	X	.64	.64	0	%100
80	M208	Z	-1.108	-1.108	0	%100
81	M210	X	.674	.674	0	%100
82	M210	Z	-1.167	-1.167	0	%100
83	M217	X	0	0	0	%100
84	M217	Z	0	0	0	%100
85	OVP	X	.271	.271	0	%100
86	OVP	Z	-.469	-.469	0	%100
87	M220	X	.563	.563	0	%100
88	M220	Z	-.975	-.975	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
89	M221	X	.317	.317	0	%100
90	M221	Z	-.548	-.548	0	%100
91	MP1A	X	.331	.331	0	%100
92	MP1A	Z	-.574	-.574	0	%100
93	M224	X	.249	.249	0	%100
94	M224	Z	-.431	-.431	0	%100
95	MP2A	X	.331	.331	0	%100
96	MP2A	Z	-.574	-.574	0	%100
97	MP3A	X	.401	.401	0	%100
98	MP3A	Z	-.695	-.695	0	%100
99	MP4A	X	.331	.331	0	%100
100	MP4A	Z	-.574	-.574	0	%100
101	M105	X	.317	.317	0	%100
102	M105	Z	-.548	-.548	0	%100
103	MP1C	X	.331	.331	0	%100
104	MP1C	Z	-.574	-.574	0	%100
105	M108	X	.249	.249	0	%100
106	M108	Z	-.431	-.431	0	%100
107	MP2C	X	.331	.331	0	%100
108	MP2C	Z	-.574	-.574	0	%100
109	MP3C	X	.401	.401	0	%100
110	MP3C	Z	-.695	-.695	0	%100
111	MP4C	X	.331	.331	0	%100
112	MP4C	Z	-.574	-.574	0	%100
113	M119	X	0	0	0	%100
114	M119	Z	0	0	0	%100
115	MP1B	X	.331	.331	0	%100
116	MP1B	Z	-.574	-.574	0	%100
117	M122	X	0	0	0	%100
118	M122	Z	0	0	0	%100
119	MP2B	X	.331	.331	0	%100
120	MP2B	Z	-.574	-.574	0	%100
121	MP3B	X	.401	.401	0	%100
122	MP3B	Z	-.695	-.695	0	%100
123	MP4B	X	.331	.331	0	%100
124	MP4B	Z	-.574	-.574	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M131B	X	.644	.644	0	%100
2	M131B	Z	-.372	-.372	0	%100
3	M132A	X	.182	.182	0	%100
4	M132A	Z	-.105	-.105	0	%100
5	M133A	X	.182	.182	0	%100
6	M133A	Z	-.105	-.105	0	%100
7	M134A	X	.363	.363	0	%100
8	M134A	Z	-.209	-.209	0	%100
9	M137A	X	.805	.805	0	%100
10	M137A	Z	-.465	-.465	0	%100
11	M138A	X	.201	.201	0	%100
12	M138A	Z	-.116	-.116	0	%100
13	M142A	X	1.088	1.088	0	%100
14	M142A	Z	-.628	-.628	0	%100
15	M143A	X	1.477	1.477	0	%100
16	M143A	Z	-.853	-.853	0	%100
17	M145A	X	1.556	1.556	0	%100
18	M145A	Z	-.898	-.898	0	%100
19	M147A	X	1.088	1.088	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
20	M147A	Z	-.628	-.628	0	%100
21	M148A	X	.369	.369	0	%100
22	M148A	Z	-.213	-.213	0	%100
23	M150A	X	.389	.389	0	%100
24	M150A	Z	-.225	-.225	0	%100
25	M157A	X	.172	.172	0	%100
26	M157A	Z	-.099	-.099	0	%100
27	M160A	X	.843	.843	0	%100
28	M160A	Z	-.487	-.487	0	%100
29	M161A	X	0	0	0	%100
30	M161A	Z	0	0	0	%100
31	M162A	X	.727	.727	0	%100
32	M162A	Z	-.42	-.42	0	%100
33	M163A	X	.727	.727	0	%100
34	M163A	Z	-.42	-.42	0	%100
35	M164A	X	1.45	1.45	0	%100
36	M164A	Z	-.837	-.837	0	%100
37	M167A	X	.201	.201	0	%100
38	M167A	Z	-.116	-.116	0	%100
39	M168A	X	.201	.201	0	%100
40	M168A	Z	-.116	-.116	0	%100
41	M172A	X	0	0	0	%100
42	M172A	Z	0	0	0	%100
43	M173A	X	.369	.369	0	%100
44	M173A	Z	-.213	-.213	0	%100
45	M175	X	.389	.389	0	%100
46	M175	Z	-.225	-.225	0	%100
47	M177	X	0	0	0	%100
48	M177	Z	0	0	0	%100
49	M178	X	.369	.369	0	%100
50	M178	Z	-.213	-.213	0	%100
51	M180	X	.389	.389	0	%100
52	M180	Z	-.225	-.225	0	%100
53	M187	X	.687	.687	0	%100
54	M187	Z	-.397	-.397	0	%100
55	OVP2	X	.469	.469	0	%100
56	OVP2	Z	-.271	-.271	0	%100
57	M190	X	.447	.447	0	%100
58	M190	Z	-.258	-.258	0	%100
59	M191	X	.644	.644	0	%100
60	M191	Z	-.372	-.372	0	%100
61	M192	X	.182	.182	0	%100
62	M192	Z	-.105	-.105	0	%100
63	M193	X	.182	.182	0	%100
64	M193	Z	-.105	-.105	0	%100
65	M194	X	.363	.363	0	%100
66	M194	Z	-.209	-.209	0	%100
67	M197	X	.201	.201	0	%100
68	M197	Z	-.116	-.116	0	%100
69	M198	X	.805	.805	0	%100
70	M198	Z	-.465	-.465	0	%100
71	M202	X	1.088	1.088	0	%100
72	M202	Z	-.628	-.628	0	%100
73	M203	X	.369	.369	0	%100
74	M203	Z	-.213	-.213	0	%100
75	M205	X	.389	.389	0	%100
76	M205	Z	-.225	-.225	0	%100
77	M207	X	1.088	1.088	0	%100
78	M207	Z	-.628	-.628	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
79	M208	X	1.477	1.477	0	%100
80	M208	Z	-.853	-.853	0	%100
81	M210	X	1.556	1.556	0	%100
82	M210	Z	-.898	-.898	0	%100
83	M217	X	.172	.172	0	%100
84	M217	Z	-.099	-.099	0	%100
85	OVP	X	.469	.469	0	%100
86	OVP	Z	-.271	-.271	0	%100
87	M220	X	.843	.843	0	%100
88	M220	Z	-.487	-.487	0	%100
89	M221	X	.183	.183	0	%100
90	M221	Z	-.106	-.106	0	%100
91	MP1A	X	.574	.574	0	%100
92	MP1A	Z	-.331	-.331	0	%100
93	M224	X	.144	.144	0	%100
94	M224	Z	-.083	-.083	0	%100
95	MP2A	X	.574	.574	0	%100
96	MP2A	Z	-.331	-.331	0	%100
97	MP3A	X	.695	.695	0	%100
98	MP3A	Z	-.401	-.401	0	%100
99	MP4A	X	.574	.574	0	%100
100	MP4A	Z	-.331	-.331	0	%100
101	M105	X	.731	.731	0	%100
102	M105	Z	-.422	-.422	0	%100
103	MP1C	X	.574	.574	0	%100
104	MP1C	Z	-.331	-.331	0	%100
105	M108	X	.574	.574	0	%100
106	M108	Z	-.331	-.331	0	%100
107	MP2C	X	.574	.574	0	%100
108	MP2C	Z	-.331	-.331	0	%100
109	MP3C	X	.695	.695	0	%100
110	MP3C	Z	-.401	-.401	0	%100
111	MP4C	X	.574	.574	0	%100
112	MP4C	Z	-.331	-.331	0	%100
113	M119	X	.183	.183	0	%100
114	M119	Z	-.106	-.106	0	%100
115	MP1B	X	.574	.574	0	%100
116	MP1B	Z	-.331	-.331	0	%100
117	M122	X	.144	.144	0	%100
118	M122	Z	-.083	-.083	0	%100
119	MP2B	X	.574	.574	0	%100
120	MP2B	Z	-.331	-.331	0	%100
121	MP3B	X	.695	.695	0	%100
122	MP3B	Z	-.401	-.401	0	%100
123	MP4B	X	.574	.574	0	%100
124	MP4B	Z	-.331	-.331	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M131B	X	.992	.992	0	%100
2	M131B	Z	0	0	0	%100
3	M132A	X	0	0	0	%100
4	M132A	Z	0	0	0	%100
5	M133A	X	0	0	0	%100
6	M133A	Z	0	0	0	%100
7	M134A	X	0	0	0	%100
8	M134A	Z	0	0	0	%100
9	M137A	X	.697	.697	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
10	M137A	Z	0	0	0	%100
11	M138A	X	.697	.697	0	%100
12	M138A	Z	0	0	0	%100
13	M142A	X	1.675	1.675	0	%100
14	M142A	Z	0	0	0	%100
15	M143A	X	1.279	1.279	0	%100
16	M143A	Z	0	0	0	%100
17	M145A	X	1.347	1.347	0	%100
18	M145A	Z	0	0	0	%100
19	M147A	X	1.675	1.675	0	%100
20	M147A	Z	0	0	0	%100
21	M148A	X	1.279	1.279	0	%100
22	M148A	Z	0	0	0	%100
23	M150A	X	1.347	1.347	0	%100
24	M150A	Z	0	0	0	%100
25	M157A	X	0	0	0	%100
26	M157A	Z	0	0	0	%100
27	M160A	X	1.126	1.126	0	%100
28	M160A	Z	0	0	0	%100
29	M161A	X	.248	.248	0	%100
30	M161A	Z	0	0	0	%100
31	M162A	X	.63	.63	0	%100
32	M162A	Z	0	0	0	%100
33	M163A	X	.63	.63	0	%100
34	M163A	Z	0	0	0	%100
35	M164A	X	1.256	1.256	0	%100
36	M164A	Z	0	0	0	%100
37	M167A	X	.697	.697	0	%100
38	M167A	Z	0	0	0	%100
39	M168A	X	0	0	0	%100
40	M168A	Z	0	0	0	%100
41	M172A	X	.419	.419	0	%100
42	M172A	Z	0	0	0	%100
43	M173A	X	1.279	1.279	0	%100
44	M173A	Z	0	0	0	%100
45	M175	X	1.347	1.347	0	%100
46	M175	Z	0	0	0	%100
47	M177	X	.419	.419	0	%100
48	M177	Z	0	0	0	%100
49	M178	X	0	0	0	%100
50	M178	Z	0	0	0	%100
51	M180	X	0	0	0	%100
52	M180	Z	0	0	0	%100
53	M187	X	.595	.595	0	%100
54	M187	Z	0	0	0	%100
55	OVP2	X	.542	.542	0	%100
56	OVP2	Z	0	0	0	%100
57	M190	X	.668	.668	0	%100
58	M190	Z	0	0	0	%100
59	M191	X	.248	.248	0	%100
60	M191	Z	0	0	0	%100
61	M192	X	.63	.63	0	%100
62	M192	Z	0	0	0	%100
63	M193	X	.63	.63	0	%100
64	M193	Z	0	0	0	%100
65	M194	X	1.256	1.256	0	%100
66	M194	Z	0	0	0	%100
67	M197	X	0	0	0	%100
68	M197	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,...	Start Location[ft,%]	End Location[ft,%]
69	M198	X	.697	.697	0	%100
70	M198	Z	0	0	0	%100
71	M202	X	.419	.419	0	%100
72	M202	Z	0	0	0	%100
73	M203	X	0	0	0	%100
74	M203	Z	0	0	0	%100
75	M205	X	0	0	0	%100
76	M205	Z	0	0	0	%100
77	M207	X	.419	.419	0	%100
78	M207	Z	0	0	0	%100
79	M208	X	1.279	1.279	0	%100
80	M208	Z	0	0	0	%100
81	M210	X	1.347	1.347	0	%100
82	M210	Z	0	0	0	%100
83	M217	X	.595	.595	0	%100
84	M217	Z	0	0	0	%100
85	OVP	X	.542	.542	0	%100
86	OVP	Z	0	0	0	%100
87	M220	X	.668	.668	0	%100
88	M220	Z	0	0	0	%100
89	M221	X	0	0	0	%100
90	M221	Z	0	0	0	%100
91	MP1A	X	.663	.663	0	%100
92	MP1A	Z	0	0	0	%100
93	M224	X	0	0	0	%100
94	M224	Z	0	0	0	%100
95	MP2A	X	.663	.663	0	%100
96	MP2A	Z	0	0	0	%100
97	MP3A	X	.802	.802	0	%100
98	MP3A	Z	0	0	0	%100
99	MP4A	X	.663	.663	0	%100
100	MP4A	Z	0	0	0	%100
101	M105	X	.633	.633	0	%100
102	M105	Z	0	0	0	%100
103	MP1C	X	.663	.663	0	%100
104	MP1C	Z	0	0	0	%100
105	M108	X	.497	.497	0	%100
106	M108	Z	0	0	0	%100
107	MP2C	X	.663	.663	0	%100
108	MP2C	Z	0	0	0	%100
109	MP3C	X	.802	.802	0	%100
110	MP3C	Z	0	0	0	%100
111	MP4C	X	.663	.663	0	%100
112	MP4C	Z	0	0	0	%100
113	M119	X	.633	.633	0	%100
114	M119	Z	0	0	0	%100
115	MP1B	X	.663	.663	0	%100
116	MP1B	Z	0	0	0	%100
117	M122	X	.497	.497	0	%100
118	M122	Z	0	0	0	%100
119	MP2B	X	.663	.663	0	%100
120	MP2B	Z	0	0	0	%100
121	MP3B	X	.802	.802	0	%100
122	MP3B	Z	0	0	0	%100
123	MP4B	X	.663	.663	0	%100
124	MP4B	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,...	Start Location[ft,%]	End Location[ft,%]

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M131B	X	.644	.644	0	%100
2	M131B	Z	.372	.372	0	%100
3	M132A	X	.182	.182	0	%100
4	M132A	Z	.105	.105	0	%100
5	M133A	X	.182	.182	0	%100
6	M133A	Z	.105	.105	0	%100
7	M134A	X	.363	.363	0	%100
8	M134A	Z	.209	.209	0	%100
9	M137A	X	.201	.201	0	%100
10	M137A	Z	.116	.116	0	%100
11	M138A	X	.805	.805	0	%100
12	M138A	Z	.465	.465	0	%100
13	M142A	X	1.088	1.088	0	%100
14	M142A	Z	.628	.628	0	%100
15	M143A	X	.369	.369	0	%100
16	M143A	Z	.213	.213	0	%100
17	M145A	X	.389	.389	0	%100
18	M145A	Z	.225	.225	0	%100
19	M147A	X	1.088	1.088	0	%100
20	M147A	Z	.628	.628	0	%100
21	M148A	X	1.477	1.477	0	%100
22	M148A	Z	.853	.853	0	%100
23	M150A	X	1.556	1.556	0	%100
24	M150A	Z	.898	.898	0	%100
25	M157A	X	.172	.172	0	%100
26	M157A	Z	.099	.099	0	%100
27	M160A	X	.843	.843	0	%100
28	M160A	Z	.487	.487	0	%100
29	M161A	X	.644	.644	0	%100
30	M161A	Z	.372	.372	0	%100
31	M162A	X	.182	.182	0	%100
32	M162A	Z	.105	.105	0	%100
33	M163A	X	.182	.182	0	%100
34	M163A	Z	.105	.105	0	%100
35	M164A	X	.363	.363	0	%100
36	M164A	Z	.209	.209	0	%100
37	M167A	X	.805	.805	0	%100
38	M167A	Z	.465	.465	0	%100
39	M168A	X	.201	.201	0	%100
40	M168A	Z	.116	.116	0	%100
41	M172A	X	1.088	1.088	0	%100
42	M172A	Z	.628	.628	0	%100
43	M173A	X	1.477	1.477	0	%100
44	M173A	Z	.853	.853	0	%100
45	M175	X	1.556	1.556	0	%100
46	M175	Z	.898	.898	0	%100
47	M177	X	1.088	1.088	0	%100
48	M177	Z	.628	.628	0	%100
49	M178	X	.369	.369	0	%100
50	M178	Z	.213	.213	0	%100
51	M180	X	.389	.389	0	%100
52	M180	Z	.225	.225	0	%100
53	M187	X	.172	.172	0	%100
54	M187	Z	.099	.099	0	%100
55	OVP2	X	.469	.469	0	%100
56	OVP2	Z	.271	.271	0	%100
57	M190	X	.843	.843	0	%100
58	M190	Z	.487	.487	0	%100
59	M191	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
60	M191	Z	0	0	0	%100
61	M192	X	.727	.727	0	%100
62	M192	Z	.42	.42	0	%100
63	M193	X	.727	.727	0	%100
64	M193	Z	.42	.42	0	%100
65	M194	X	1.45	1.45	0	%100
66	M194	Z	.837	.837	0	%100
67	M197	X	.201	.201	0	%100
68	M197	Z	.116	.116	0	%100
69	M198	X	.201	.201	0	%100
70	M198	Z	.116	.116	0	%100
71	M202	X	0	0	0	%100
72	M202	Z	0	0	0	%100
73	M203	X	.369	.369	0	%100
74	M203	Z	.213	.213	0	%100
75	M205	X	.389	.389	0	%100
76	M205	Z	.225	.225	0	%100
77	M207	X	0	0	0	%100
78	M207	Z	0	0	0	%100
79	M208	X	.369	.369	0	%100
80	M208	Z	.213	.213	0	%100
81	M210	X	.389	.389	0	%100
82	M210	Z	.225	.225	0	%100
83	M217	X	.687	.687	0	%100
84	M217	Z	.397	.397	0	%100
85	OVP	X	.469	.469	0	%100
86	OVP	Z	.271	.271	0	%100
87	M220	X	.447	.447	0	%100
88	M220	Z	.258	.258	0	%100
89	M221	X	.183	.183	0	%100
90	M221	Z	.106	.106	0	%100
91	MP1A	X	.574	.574	0	%100
92	MP1A	Z	.331	.331	0	%100
93	M224	X	.144	.144	0	%100
94	M224	Z	.083	.083	0	%100
95	MP2A	X	.574	.574	0	%100
96	MP2A	Z	.331	.331	0	%100
97	MP3A	X	.695	.695	0	%100
98	MP3A	Z	.401	.401	0	%100
99	MP4A	X	.574	.574	0	%100
100	MP4A	Z	.331	.331	0	%100
101	M105	X	.183	.183	0	%100
102	M105	Z	.106	.106	0	%100
103	MP1C	X	.574	.574	0	%100
104	MP1C	Z	.331	.331	0	%100
105	M108	X	.144	.144	0	%100
106	M108	Z	.083	.083	0	%100
107	MP2C	X	.574	.574	0	%100
108	MP2C	Z	.331	.331	0	%100
109	MP3C	X	.695	.695	0	%100
110	MP3C	Z	.401	.401	0	%100
111	MP4C	X	.574	.574	0	%100
112	MP4C	Z	.331	.331	0	%100
113	M119	X	.731	.731	0	%100
114	M119	Z	.422	.422	0	%100
115	MP1B	X	.574	.574	0	%100
116	MP1B	Z	.331	.331	0	%100
117	M122	X	.574	.574	0	%100
118	M122	Z	.331	.331	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
119	MP2B	X	.574	.574	0	%100
120	MP2B	Z	.331	.331	0	%100
121	MP3B	X	.695	.695	0	%100
122	MP3B	Z	.401	.401	0	%100
123	MP4B	X	.574	.574	0	%100
124	MP4B	Z	.331	.331	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M131B	X	.124	.124	0	%100
2	M131B	Z	.215	.215	0	%100
3	M132A	X	.315	.315	0	%100
4	M132A	Z	.545	.545	0	%100
5	M133A	X	.315	.315	0	%100
6	M133A	Z	.545	.545	0	%100
7	M134A	X	.628	.628	0	%100
8	M134A	Z	1.088	1.088	0	%100
9	M137A	X	0	0	0	%100
10	M137A	Z	0	0	0	%100
11	M138A	X	.349	.349	0	%100
12	M138A	Z	.604	.604	0	%100
13	M142A	X	.209	.209	0	%100
14	M142A	Z	.363	.363	0	%100
15	M143A	X	0	0	0	%100
16	M143A	Z	0	0	0	%100
17	M145A	X	0	0	0	%100
18	M145A	Z	0	0	0	%100
19	M147A	X	.209	.209	0	%100
20	M147A	Z	.363	.363	0	%100
21	M148A	X	.64	.64	0	%100
22	M148A	Z	1.108	1.108	0	%100
23	M150A	X	.674	.674	0	%100
24	M150A	Z	1.167	1.167	0	%100
25	M157A	X	.298	.298	0	%100
26	M157A	Z	.516	.516	0	%100
27	M160A	X	.334	.334	0	%100
28	M160A	Z	.579	.579	0	%100
29	M161A	X	.496	.496	0	%100
30	M161A	Z	.859	.859	0	%100
31	M162A	X	0	0	0	%100
32	M162A	Z	0	0	0	%100
33	M163A	X	0	0	0	%100
34	M163A	Z	0	0	0	%100
35	M164A	X	0	0	0	%100
36	M164A	Z	0	0	0	%100
37	M167A	X	.349	.349	0	%100
38	M167A	Z	.604	.604	0	%100
39	M168A	X	.349	.349	0	%100
40	M168A	Z	.604	.604	0	%100
41	M172A	X	.837	.837	0	%100
42	M172A	Z	1.45	1.45	0	%100
43	M173A	X	.64	.64	0	%100
44	M173A	Z	1.108	1.108	0	%100
45	M175	X	.674	.674	0	%100
46	M175	Z	1.167	1.167	0	%100
47	M177	X	.837	.837	0	%100
48	M177	Z	1.45	1.45	0	%100
49	M178	X	.64	.64	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
50	M178	Z	1.108	1.108	0	%100
51	M180	X	.674	.674	0	%100
52	M180	Z	1.167	1.167	0	%100
53	M187	X	0	0	0	%100
54	M187	Z	0	0	0	%100
55	OVP2	X	.271	.271	0	%100
56	OVP2	Z	.469	.469	0	%100
57	M190	X	.563	.563	0	%100
58	M190	Z	.975	.975	0	%100
59	M191	X	.124	.124	0	%100
60	M191	Z	.215	.215	0	%100
61	M192	X	.315	.315	0	%100
62	M192	Z	.545	.545	0	%100
63	M193	X	.315	.315	0	%100
64	M193	Z	.545	.545	0	%100
65	M194	X	.628	.628	0	%100
66	M194	Z	1.088	1.088	0	%100
67	M197	X	.349	.349	0	%100
68	M197	Z	.604	.604	0	%100
69	M198	X	0	0	0	%100
70	M198	Z	0	0	0	%100
71	M202	X	.209	.209	0	%100
72	M202	Z	.363	.363	0	%100
73	M203	X	.64	.64	0	%100
74	M203	Z	1.108	1.108	0	%100
75	M205	X	.674	.674	0	%100
76	M205	Z	1.167	1.167	0	%100
77	M207	X	.209	.209	0	%100
78	M207	Z	.363	.363	0	%100
79	M208	X	0	0	0	%100
80	M208	Z	0	0	0	%100
81	M210	X	0	0	0	%100
82	M210	Z	0	0	0	%100
83	M217	X	.298	.298	0	%100
84	M217	Z	.516	.516	0	%100
85	OVP	X	.271	.271	0	%100
86	OVP	Z	.469	.469	0	%100
87	M220	X	.334	.334	0	%100
88	M220	Z	.579	.579	0	%100
89	M221	X	.317	.317	0	%100
90	M221	Z	.548	.548	0	%100
91	MP1A	X	.331	.331	0	%100
92	MP1A	Z	.574	.574	0	%100
93	M224	X	.249	.249	0	%100
94	M224	Z	.431	.431	0	%100
95	MP2A	X	.331	.331	0	%100
96	MP2A	Z	.574	.574	0	%100
97	MP3A	X	.401	.401	0	%100
98	MP3A	Z	.695	.695	0	%100
99	MP4A	X	.331	.331	0	%100
100	MP4A	Z	.574	.574	0	%100
101	M105	X	0	0	0	%100
102	M105	Z	0	0	0	%100
103	MP1C	X	.331	.331	0	%100
104	MP1C	Z	.574	.574	0	%100
105	M108	X	0	0	0	%100
106	M108	Z	0	0	0	%100
107	MP2C	X	.331	.331	0	%100
108	MP2C	Z	.574	.574	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
109	MP3C	X	.401	.401	0	%100
110	MP3C	Z	.695	.695	0	%100
111	MP4C	X	.331	.331	0	%100
112	MP4C	Z	.574	.574	0	%100
113	M119	X	.317	.317	0	%100
114	M119	Z	.548	.548	0	%100
115	MP1B	X	.331	.331	0	%100
116	MP1B	Z	.574	.574	0	%100
117	M122	X	.249	.249	0	%100
118	M122	Z	.431	.431	0	%100
119	MP2B	X	.331	.331	0	%100
120	MP2B	Z	.574	.574	0	%100
121	MP3B	X	.401	.401	0	%100
122	MP3B	Z	.695	.695	0	%100
123	MP4B	X	.331	.331	0	%100
124	MP4B	Z	.574	.574	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M131B	X	0	0	0	%100
2	M131B	Z	0	0	0	%100
3	M132A	X	0	0	0	%100
4	M132A	Z	.84	.84	0	%100
5	M133A	X	0	0	0	%100
6	M133A	Z	.84	.84	0	%100
7	M134A	X	0	0	0	%100
8	M134A	Z	1.675	1.675	0	%100
9	M137A	X	0	0	0	%100
10	M137A	Z	.232	.232	0	%100
11	M138A	X	0	0	0	%100
12	M138A	Z	.232	.232	0	%100
13	M142A	X	0	0	0	%100
14	M142A	Z	0	0	0	%100
15	M143A	X	0	0	0	%100
16	M143A	Z	.426	.426	0	%100
17	M145A	X	0	0	0	%100
18	M145A	Z	.449	.449	0	%100
19	M147A	X	0	0	0	%100
20	M147A	Z	0	0	0	%100
21	M148A	X	0	0	0	%100
22	M148A	Z	.426	.426	0	%100
23	M150A	X	0	0	0	%100
24	M150A	Z	.449	.449	0	%100
25	M157A	X	0	0	0	%100
26	M157A	Z	.794	.794	0	%100
27	M160A	X	0	0	0	%100
28	M160A	Z	.516	.516	0	%100
29	M161A	X	0	0	0	%100
30	M161A	Z	.744	.744	0	%100
31	M162A	X	0	0	0	%100
32	M162A	Z	.21	.21	0	%100
33	M163A	X	0	0	0	%100
34	M163A	Z	.21	.21	0	%100
35	M164A	X	0	0	0	%100
36	M164A	Z	.419	.419	0	%100
37	M167A	X	0	0	0	%100
38	M167A	Z	.232	.232	0	%100
39	M168A	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,...	Start Location[ft,%]	End Location[ft,%]
40	M168A	Z	.93	.93	0	%100
41	M172A	X	0	0	0	%100
42	M172A	Z	1.256	1.256	0	%100
43	M173A	X	0	0	0	%100
44	M173A	Z	.426	.426	0	%100
45	M175	X	0	0	0	%100
46	M175	Z	.449	.449	0	%100
47	M177	X	0	0	0	%100
48	M177	Z	1.256	1.256	0	%100
49	M178	X	0	0	0	%100
50	M178	Z	1.706	1.706	0	%100
51	M180	X	0	0	0	%100
52	M180	Z	1.797	1.797	0	%100
53	M187	X	0	0	0	%100
54	M187	Z	.198	.198	0	%100
55	OVP2	X	0	0	0	%100
56	OVP2	Z	.542	.542	0	%100
57	M190	X	0	0	0	%100
58	M190	Z	.973	.973	0	%100
59	M191	X	0	0	0	%100
60	M191	Z	.744	.744	0	%100
61	M192	X	0	0	0	%100
62	M192	Z	.21	.21	0	%100
63	M193	X	0	0	0	%100
64	M193	Z	.21	.21	0	%100
65	M194	X	0	0	0	%100
66	M194	Z	.419	.419	0	%100
67	M197	X	0	0	0	%100
68	M197	Z	.93	.93	0	%100
69	M198	X	0	0	0	%100
70	M198	Z	.232	.232	0	%100
71	M202	X	0	0	0	%100
72	M202	Z	1.256	1.256	0	%100
73	M203	X	0	0	0	%100
74	M203	Z	1.706	1.706	0	%100
75	M205	X	0	0	0	%100
76	M205	Z	1.797	1.797	0	%100
77	M207	X	0	0	0	%100
78	M207	Z	1.256	1.256	0	%100
79	M208	X	0	0	0	%100
80	M208	Z	.426	.426	0	%100
81	M210	X	0	0	0	%100
82	M210	Z	.449	.449	0	%100
83	M217	X	0	0	0	%100
84	M217	Z	.198	.198	0	%100
85	OVP	X	0	0	0	%100
86	OVP	Z	.542	.542	0	%100
87	M220	X	0	0	0	%100
88	M220	Z	.973	.973	0	%100
89	M221	X	0	0	0	%100
90	M221	Z	.844	.844	0	%100
91	MP1A	X	0	0	0	%100
92	MP1A	Z	.663	.663	0	%100
93	M224	X	0	0	0	%100
94	M224	Z	.663	.663	0	%100
95	MP2A	X	0	0	0	%100
96	MP2A	Z	.663	.663	0	%100
97	MP3A	X	0	0	0	%100
98	MP3A	Z	.802	.802	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
99	MP4A	X	0	0	0	%100
100	MP4A	Z	.663	.663	0	%100
101	M105	X	0	0	0	%100
102	M105	Z	.211	.211	0	%100
103	MP1C	X	0	0	0	%100
104	MP1C	Z	.663	.663	0	%100
105	M108	X	0	0	0	%100
106	M108	Z	.166	.166	0	%100
107	MP2C	X	0	0	0	%100
108	MP2C	Z	.663	.663	0	%100
109	MP3C	X	0	0	0	%100
110	MP3C	Z	.802	.802	0	%100
111	MP4C	X	0	0	0	%100
112	MP4C	Z	.663	.663	0	%100
113	M119	X	0	0	0	%100
114	M119	Z	.211	.211	0	%100
115	MP1B	X	0	0	0	%100
116	MP1B	Z	.663	.663	0	%100
117	M122	X	0	0	0	%100
118	M122	Z	.166	.166	0	%100
119	MP2B	X	0	0	0	%100
120	MP2B	Z	.663	.663	0	%100
121	MP3B	X	0	0	0	%100
122	MP3B	Z	.802	.802	0	%100
123	MP4B	X	0	0	0	%100
124	MP4B	Z	.663	.663	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M131B	X	-.124	-.124	0	%100
2	M131B	Z	.215	.215	0	%100
3	M132A	X	-.315	-.315	0	%100
4	M132A	Z	.545	.545	0	%100
5	M133A	X	-.315	-.315	0	%100
6	M133A	Z	.545	.545	0	%100
7	M134A	X	-.628	-.628	0	%100
8	M134A	Z	1.088	1.088	0	%100
9	M137A	X	-.349	-.349	0	%100
10	M137A	Z	.604	.604	0	%100
11	M138A	X	0	0	0	%100
12	M138A	Z	0	0	0	%100
13	M142A	X	-.209	-.209	0	%100
14	M142A	Z	.363	.363	0	%100
15	M143A	X	-.64	-.64	0	%100
16	M143A	Z	1.108	1.108	0	%100
17	M145A	X	-.674	-.674	0	%100
18	M145A	Z	1.167	1.167	0	%100
19	M147A	X	-.209	-.209	0	%100
20	M147A	Z	.363	.363	0	%100
21	M148A	X	0	0	0	%100
22	M148A	Z	0	0	0	%100
23	M150A	X	0	0	0	%100
24	M150A	Z	0	0	0	%100
25	M157A	X	-.298	-.298	0	%100
26	M157A	Z	.516	.516	0	%100
27	M160A	X	-.334	-.334	0	%100
28	M160A	Z	.579	.579	0	%100
29	M161A	X	-.124	-.124	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
30	M161A	Z	.215	.215	0	%100
31	M162A	X	-.315	-.315	0	%100
32	M162A	Z	.545	.545	0	%100
33	M163A	X	-.315	-.315	0	%100
34	M163A	Z	.545	.545	0	%100
35	M164A	X	-.628	-.628	0	%100
36	M164A	Z	1.088	1.088	0	%100
37	M167A	X	0	0	0	%100
38	M167A	Z	0	0	0	%100
39	M168A	X	-.349	-.349	0	%100
40	M168A	Z	.604	.604	0	%100
41	M172A	X	-.209	-.209	0	%100
42	M172A	Z	.363	.363	0	%100
43	M173A	X	0	0	0	%100
44	M173A	Z	0	0	0	%100
45	M175	X	0	0	0	%100
46	M175	Z	0	0	0	%100
47	M177	X	-.209	-.209	0	%100
48	M177	Z	.363	.363	0	%100
49	M178	X	-.64	-.64	0	%100
50	M178	Z	1.108	1.108	0	%100
51	M180	X	-.674	-.674	0	%100
52	M180	Z	1.167	1.167	0	%100
53	M187	X	-.298	-.298	0	%100
54	M187	Z	.516	.516	0	%100
55	OVP2	X	-.271	-.271	0	%100
56	OVP2	Z	.469	.469	0	%100
57	M190	X	-.334	-.334	0	%100
58	M190	Z	.579	.579	0	%100
59	M191	X	-.496	-.496	0	%100
60	M191	Z	.859	.859	0	%100
61	M192	X	0	0	0	%100
62	M192	Z	0	0	0	%100
63	M193	X	0	0	0	%100
64	M193	Z	0	0	0	%100
65	M194	X	0	0	0	%100
66	M194	Z	0	0	0	%100
67	M197	X	-.349	-.349	0	%100
68	M197	Z	.604	.604	0	%100
69	M198	X	-.349	-.349	0	%100
70	M198	Z	.604	.604	0	%100
71	M202	X	-.837	-.837	0	%100
72	M202	Z	1.45	1.45	0	%100
73	M203	X	-.64	-.64	0	%100
74	M203	Z	1.108	1.108	0	%100
75	M205	X	-.674	-.674	0	%100
76	M205	Z	1.167	1.167	0	%100
77	M207	X	-.837	-.837	0	%100
78	M207	Z	1.45	1.45	0	%100
79	M208	X	-.64	-.64	0	%100
80	M208	Z	1.108	1.108	0	%100
81	M210	X	-.674	-.674	0	%100
82	M210	Z	1.167	1.167	0	%100
83	M217	X	0	0	0	%100
84	M217	Z	0	0	0	%100
85	OVP	X	-.271	-.271	0	%100
86	OVP	Z	.469	.469	0	%100
87	M220	X	-.563	-.563	0	%100
88	M220	Z	.975	.975	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
89	M221	X	-.317	-.317	0	%100
90	M221	Z	.548	.548	0	%100
91	MP1A	X	-.331	-.331	0	%100
92	MP1A	Z	.574	.574	0	%100
93	M224	X	-.249	-.249	0	%100
94	M224	Z	.431	.431	0	%100
95	MP2A	X	-.331	-.331	0	%100
96	MP2A	Z	.574	.574	0	%100
97	MP3A	X	-.401	-.401	0	%100
98	MP3A	Z	.695	.695	0	%100
99	MP4A	X	-.331	-.331	0	%100
100	MP4A	Z	.574	.574	0	%100
101	M105	X	-.317	-.317	0	%100
102	M105	Z	.548	.548	0	%100
103	MP1C	X	-.331	-.331	0	%100
104	MP1C	Z	.574	.574	0	%100
105	M108	X	-.249	-.249	0	%100
106	M108	Z	.431	.431	0	%100
107	MP2C	X	-.331	-.331	0	%100
108	MP2C	Z	.574	.574	0	%100
109	MP3C	X	-.401	-.401	0	%100
110	MP3C	Z	.695	.695	0	%100
111	MP4C	X	-.331	-.331	0	%100
112	MP4C	Z	.574	.574	0	%100
113	M119	X	0	0	0	%100
114	M119	Z	0	0	0	%100
115	MP1B	X	-.331	-.331	0	%100
116	MP1B	Z	.574	.574	0	%100
117	M122	X	0	0	0	%100
118	M122	Z	0	0	0	%100
119	MP2B	X	-.331	-.331	0	%100
120	MP2B	Z	.574	.574	0	%100
121	MP3B	X	-.401	-.401	0	%100
122	MP3B	Z	.695	.695	0	%100
123	MP4B	X	-.331	-.331	0	%100
124	MP4B	Z	.574	.574	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M131B	X	-.644	-.644	0	%100
2	M131B	Z	.372	.372	0	%100
3	M132A	X	-.182	-.182	0	%100
4	M132A	Z	.105	.105	0	%100
5	M133A	X	-.182	-.182	0	%100
6	M133A	Z	.105	.105	0	%100
7	M134A	X	-.363	-.363	0	%100
8	M134A	Z	.209	.209	0	%100
9	M137A	X	-.805	-.805	0	%100
10	M137A	Z	.465	.465	0	%100
11	M138A	X	-.201	-.201	0	%100
12	M138A	Z	.116	.116	0	%100
13	M142A	X	-1.088	-1.088	0	%100
14	M142A	Z	.628	.628	0	%100
15	M143A	X	-1.477	-1.477	0	%100
16	M143A	Z	.853	.853	0	%100
17	M145A	X	-1.556	-1.556	0	%100
18	M145A	Z	.898	.898	0	%100
19	M147A	X	-1.088	-1.088	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
20	M147A	Z	.628	.628	0	%100
21	M148A	X	-.369	-.369	0	%100
22	M148A	Z	.213	.213	0	%100
23	M150A	X	-.389	-.389	0	%100
24	M150A	Z	.225	.225	0	%100
25	M157A	X	-.172	-.172	0	%100
26	M157A	Z	.099	.099	0	%100
27	M160A	X	-.843	-.843	0	%100
28	M160A	Z	.487	.487	0	%100
29	M161A	X	0	0	0	%100
30	M161A	Z	0	0	0	%100
31	M162A	X	-.727	-.727	0	%100
32	M162A	Z	.42	.42	0	%100
33	M163A	X	-.727	-.727	0	%100
34	M163A	Z	.42	.42	0	%100
35	M164A	X	-1.45	-1.45	0	%100
36	M164A	Z	.837	.837	0	%100
37	M167A	X	-.201	-.201	0	%100
38	M167A	Z	.116	.116	0	%100
39	M168A	X	-.201	-.201	0	%100
40	M168A	Z	.116	.116	0	%100
41	M172A	X	0	0	0	%100
42	M172A	Z	0	0	0	%100
43	M173A	X	-.369	-.369	0	%100
44	M173A	Z	.213	.213	0	%100
45	M175	X	-.389	-.389	0	%100
46	M175	Z	.225	.225	0	%100
47	M177	X	0	0	0	%100
48	M177	Z	0	0	0	%100
49	M178	X	-.369	-.369	0	%100
50	M178	Z	.213	.213	0	%100
51	M180	X	-.389	-.389	0	%100
52	M180	Z	.225	.225	0	%100
53	M187	X	-.687	-.687	0	%100
54	M187	Z	.397	.397	0	%100
55	OVP2	X	-.469	-.469	0	%100
56	OVP2	Z	.271	.271	0	%100
57	M190	X	-.447	-.447	0	%100
58	M190	Z	.258	.258	0	%100
59	M191	X	-.644	-.644	0	%100
60	M191	Z	.372	.372	0	%100
61	M192	X	-.182	-.182	0	%100
62	M192	Z	.105	.105	0	%100
63	M193	X	-.182	-.182	0	%100
64	M193	Z	.105	.105	0	%100
65	M194	X	-.363	-.363	0	%100
66	M194	Z	.209	.209	0	%100
67	M197	X	-.201	-.201	0	%100
68	M197	Z	.116	.116	0	%100
69	M198	X	-.805	-.805	0	%100
70	M198	Z	.465	.465	0	%100
71	M202	X	-1.088	-1.088	0	%100
72	M202	Z	.628	.628	0	%100
73	M203	X	-.369	-.369	0	%100
74	M203	Z	.213	.213	0	%100
75	M205	X	-.389	-.389	0	%100
76	M205	Z	.225	.225	0	%100
77	M207	X	-1.088	-1.088	0	%100
78	M207	Z	.628	.628	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
79	M208	X	-1.477	-1.477	0	%100
80	M208	Z	.853	.853	0	%100
81	M210	X	-1.556	-1.556	0	%100
82	M210	Z	.898	.898	0	%100
83	M217	X	-.172	-.172	0	%100
84	M217	Z	.099	.099	0	%100
85	OVP	X	-.469	-.469	0	%100
86	OVP	Z	.271	.271	0	%100
87	M220	X	-.843	-.843	0	%100
88	M220	Z	.487	.487	0	%100
89	M221	X	-.183	-.183	0	%100
90	M221	Z	.106	.106	0	%100
91	MP1A	X	-.574	-.574	0	%100
92	MP1A	Z	.331	.331	0	%100
93	M224	X	-.144	-.144	0	%100
94	M224	Z	.083	.083	0	%100
95	MP2A	X	-.574	-.574	0	%100
96	MP2A	Z	.331	.331	0	%100
97	MP3A	X	-.695	-.695	0	%100
98	MP3A	Z	.401	.401	0	%100
99	MP4A	X	-.574	-.574	0	%100
100	MP4A	Z	.331	.331	0	%100
101	M105	X	-.731	-.731	0	%100
102	M105	Z	.422	.422	0	%100
103	MP1C	X	-.574	-.574	0	%100
104	MP1C	Z	.331	.331	0	%100
105	M108	X	-.574	-.574	0	%100
106	M108	Z	.331	.331	0	%100
107	MP2C	X	-.574	-.574	0	%100
108	MP2C	Z	.331	.331	0	%100
109	MP3C	X	-.695	-.695	0	%100
110	MP3C	Z	.401	.401	0	%100
111	MP4C	X	-.574	-.574	0	%100
112	MP4C	Z	.331	.331	0	%100
113	M119	X	-.183	-.183	0	%100
114	M119	Z	.106	.106	0	%100
115	MP1B	X	-.574	-.574	0	%100
116	MP1B	Z	.331	.331	0	%100
117	M122	X	-.144	-.144	0	%100
118	M122	Z	.083	.083	0	%100
119	MP2B	X	-.574	-.574	0	%100
120	MP2B	Z	.331	.331	0	%100
121	MP3B	X	-.695	-.695	0	%100
122	MP3B	Z	.401	.401	0	%100
123	MP4B	X	-.574	-.574	0	%100
124	MP4B	Z	.331	.331	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M131B	X	-.992	-.992	0	%100
2	M131B	Z	0	0	0	%100
3	M132A	X	0	0	0	%100
4	M132A	Z	0	0	0	%100
5	M133A	X	0	0	0	%100
6	M133A	Z	0	0	0	%100
7	M134A	X	0	0	0	%100
8	M134A	Z	0	0	0	%100
9	M137A	X	-.697	-.697	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
10	M137A	Z	0	0	0	%100
11	M138A	X	-.697	-.697	0	%100
12	M138A	Z	0	0	0	%100
13	M142A	X	-1.675	-1.675	0	%100
14	M142A	Z	0	0	0	%100
15	M143A	X	-1.279	-1.279	0	%100
16	M143A	Z	0	0	0	%100
17	M145A	X	-1.347	-1.347	0	%100
18	M145A	Z	0	0	0	%100
19	M147A	X	-1.675	-1.675	0	%100
20	M147A	Z	0	0	0	%100
21	M148A	X	-1.279	-1.279	0	%100
22	M148A	Z	0	0	0	%100
23	M150A	X	-1.347	-1.347	0	%100
24	M150A	Z	0	0	0	%100
25	M157A	X	0	0	0	%100
26	M157A	Z	0	0	0	%100
27	M160A	X	-1.126	-1.126	0	%100
28	M160A	Z	0	0	0	%100
29	M161A	X	-.248	-.248	0	%100
30	M161A	Z	0	0	0	%100
31	M162A	X	-.63	-.63	0	%100
32	M162A	Z	0	0	0	%100
33	M163A	X	-.63	-.63	0	%100
34	M163A	Z	0	0	0	%100
35	M164A	X	-1.256	-1.256	0	%100
36	M164A	Z	0	0	0	%100
37	M167A	X	-.697	-.697	0	%100
38	M167A	Z	0	0	0	%100
39	M168A	X	0	0	0	%100
40	M168A	Z	0	0	0	%100
41	M172A	X	-.419	-.419	0	%100
42	M172A	Z	0	0	0	%100
43	M173A	X	-1.279	-1.279	0	%100
44	M173A	Z	0	0	0	%100
45	M175	X	-1.347	-1.347	0	%100
46	M175	Z	0	0	0	%100
47	M177	X	-.419	-.419	0	%100
48	M177	Z	0	0	0	%100
49	M178	X	0	0	0	%100
50	M178	Z	0	0	0	%100
51	M180	X	0	0	0	%100
52	M180	Z	0	0	0	%100
53	M187	X	-.595	-.595	0	%100
54	M187	Z	0	0	0	%100
55	OVP2	X	-.542	-.542	0	%100
56	OVP2	Z	0	0	0	%100
57	M190	X	-.668	-.668	0	%100
58	M190	Z	0	0	0	%100
59	M191	X	-.248	-.248	0	%100
60	M191	Z	0	0	0	%100
61	M192	X	-.63	-.63	0	%100
62	M192	Z	0	0	0	%100
63	M193	X	-.63	-.63	0	%100
64	M193	Z	0	0	0	%100
65	M194	X	-1.256	-1.256	0	%100
66	M194	Z	0	0	0	%100
67	M197	X	0	0	0	%100
68	M197	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,...	Start Location[ft,%]	End Location[ft,%]
69	M198	X	-.697	-.697	0	%100
70	M198	Z	0	0	0	%100
71	M202	X	-.419	-.419	0	%100
72	M202	Z	0	0	0	%100
73	M203	X	0	0	0	%100
74	M203	Z	0	0	0	%100
75	M205	X	0	0	0	%100
76	M205	Z	0	0	0	%100
77	M207	X	-.419	-.419	0	%100
78	M207	Z	0	0	0	%100
79	M208	X	-1.279	-1.279	0	%100
80	M208	Z	0	0	0	%100
81	M210	X	-1.347	-1.347	0	%100
82	M210	Z	0	0	0	%100
83	M217	X	-.595	-.595	0	%100
84	M217	Z	0	0	0	%100
85	OVP	X	-.542	-.542	0	%100
86	OVP	Z	0	0	0	%100
87	M220	X	-.668	-.668	0	%100
88	M220	Z	0	0	0	%100
89	M221	X	0	0	0	%100
90	M221	Z	0	0	0	%100
91	MP1A	X	-.663	-.663	0	%100
92	MP1A	Z	0	0	0	%100
93	M224	X	0	0	0	%100
94	M224	Z	0	0	0	%100
95	MP2A	X	-.663	-.663	0	%100
96	MP2A	Z	0	0	0	%100
97	MP3A	X	-.802	-.802	0	%100
98	MP3A	Z	0	0	0	%100
99	MP4A	X	-.663	-.663	0	%100
100	MP4A	Z	0	0	0	%100
101	M105	X	-.633	-.633	0	%100
102	M105	Z	0	0	0	%100
103	MP1C	X	-.663	-.663	0	%100
104	MP1C	Z	0	0	0	%100
105	M108	X	-.497	-.497	0	%100
106	M108	Z	0	0	0	%100
107	MP2C	X	-.663	-.663	0	%100
108	MP2C	Z	0	0	0	%100
109	MP3C	X	-.802	-.802	0	%100
110	MP3C	Z	0	0	0	%100
111	MP4C	X	-.663	-.663	0	%100
112	MP4C	Z	0	0	0	%100
113	M119	X	-.633	-.633	0	%100
114	M119	Z	0	0	0	%100
115	MP1B	X	-.663	-.663	0	%100
116	MP1B	Z	0	0	0	%100
117	M122	X	-.497	-.497	0	%100
118	M122	Z	0	0	0	%100
119	MP2B	X	-.663	-.663	0	%100
120	MP2B	Z	0	0	0	%100
121	MP3B	X	-.802	-.802	0	%100
122	MP3B	Z	0	0	0	%100
123	MP4B	X	-.663	-.663	0	%100
124	MP4B	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,...	Start Location[ft,%]	End Location[ft,%]

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M131B	X	-.644	-.644	0	%100
2	M131B	Z	-.372	-.372	0	%100
3	M132A	X	-.182	-.182	0	%100
4	M132A	Z	-.105	-.105	0	%100
5	M133A	X	-.182	-.182	0	%100
6	M133A	Z	-.105	-.105	0	%100
7	M134A	X	-.363	-.363	0	%100
8	M134A	Z	-.209	-.209	0	%100
9	M137A	X	-.201	-.201	0	%100
10	M137A	Z	-.116	-.116	0	%100
11	M138A	X	-.805	-.805	0	%100
12	M138A	Z	-.465	-.465	0	%100
13	M142A	X	-1.088	-1.088	0	%100
14	M142A	Z	-.628	-.628	0	%100
15	M143A	X	-.369	-.369	0	%100
16	M143A	Z	-.213	-.213	0	%100
17	M145A	X	-.389	-.389	0	%100
18	M145A	Z	-.225	-.225	0	%100
19	M147A	X	-1.088	-1.088	0	%100
20	M147A	Z	-.628	-.628	0	%100
21	M148A	X	-1.477	-1.477	0	%100
22	M148A	Z	-.853	-.853	0	%100
23	M150A	X	-1.556	-1.556	0	%100
24	M150A	Z	-.898	-.898	0	%100
25	M157A	X	-.172	-.172	0	%100
26	M157A	Z	-.099	-.099	0	%100
27	M160A	X	-.843	-.843	0	%100
28	M160A	Z	-.487	-.487	0	%100
29	M161A	X	-.644	-.644	0	%100
30	M161A	Z	-.372	-.372	0	%100
31	M162A	X	-.182	-.182	0	%100
32	M162A	Z	-.105	-.105	0	%100
33	M163A	X	-.182	-.182	0	%100
34	M163A	Z	-.105	-.105	0	%100
35	M164A	X	-.363	-.363	0	%100
36	M164A	Z	-.209	-.209	0	%100
37	M167A	X	-.805	-.805	0	%100
38	M167A	Z	-.465	-.465	0	%100
39	M168A	X	-.201	-.201	0	%100
40	M168A	Z	-.116	-.116	0	%100
41	M172A	X	-1.088	-1.088	0	%100
42	M172A	Z	-.628	-.628	0	%100
43	M173A	X	-1.477	-1.477	0	%100
44	M173A	Z	-.853	-.853	0	%100
45	M175	X	-1.556	-1.556	0	%100
46	M175	Z	-.898	-.898	0	%100
47	M177	X	-1.088	-1.088	0	%100
48	M177	Z	-.628	-.628	0	%100
49	M178	X	-.369	-.369	0	%100
50	M178	Z	-.213	-.213	0	%100
51	M180	X	-.389	-.389	0	%100
52	M180	Z	-.225	-.225	0	%100
53	M187	X	-.172	-.172	0	%100
54	M187	Z	-.099	-.099	0	%100
55	OVP2	X	-.469	-.469	0	%100
56	OVP2	Z	-.271	-.271	0	%100
57	M190	X	-.843	-.843	0	%100
58	M190	Z	-.487	-.487	0	%100
59	M191	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
60	M191	Z	0	0	0	%100
61	M192	X	-.727	-.727	0	%100
62	M192	Z	-.42	-.42	0	%100
63	M193	X	-.727	-.727	0	%100
64	M193	Z	-.42	-.42	0	%100
65	M194	X	-1.45	-1.45	0	%100
66	M194	Z	-.837	-.837	0	%100
67	M197	X	-.201	-.201	0	%100
68	M197	Z	-.116	-.116	0	%100
69	M198	X	-.201	-.201	0	%100
70	M198	Z	-.116	-.116	0	%100
71	M202	X	0	0	0	%100
72	M202	Z	0	0	0	%100
73	M203	X	-.369	-.369	0	%100
74	M203	Z	-.213	-.213	0	%100
75	M205	X	-.389	-.389	0	%100
76	M205	Z	-.225	-.225	0	%100
77	M207	X	0	0	0	%100
78	M207	Z	0	0	0	%100
79	M208	X	-.369	-.369	0	%100
80	M208	Z	-.213	-.213	0	%100
81	M210	X	-.389	-.389	0	%100
82	M210	Z	-.225	-.225	0	%100
83	M217	X	-.687	-.687	0	%100
84	M217	Z	-.397	-.397	0	%100
85	OVP	X	-.469	-.469	0	%100
86	OVP	Z	-.271	-.271	0	%100
87	M220	X	-.447	-.447	0	%100
88	M220	Z	-.258	-.258	0	%100
89	M221	X	-.183	-.183	0	%100
90	M221	Z	-.106	-.106	0	%100
91	MP1A	X	-.574	-.574	0	%100
92	MP1A	Z	-.331	-.331	0	%100
93	M224	X	-.144	-.144	0	%100
94	M224	Z	-.083	-.083	0	%100
95	MP2A	X	-.574	-.574	0	%100
96	MP2A	Z	-.331	-.331	0	%100
97	MP3A	X	-.695	-.695	0	%100
98	MP3A	Z	-.401	-.401	0	%100
99	MP4A	X	-.574	-.574	0	%100
100	MP4A	Z	-.331	-.331	0	%100
101	M105	X	-.183	-.183	0	%100
102	M105	Z	-.106	-.106	0	%100
103	MP1C	X	-.574	-.574	0	%100
104	MP1C	Z	-.331	-.331	0	%100
105	M108	X	-.144	-.144	0	%100
106	M108	Z	-.083	-.083	0	%100
107	MP2C	X	-.574	-.574	0	%100
108	MP2C	Z	-.331	-.331	0	%100
109	MP3C	X	-.695	-.695	0	%100
110	MP3C	Z	-.401	-.401	0	%100
111	MP4C	X	-.574	-.574	0	%100
112	MP4C	Z	-.331	-.331	0	%100
113	M119	X	-.731	-.731	0	%100
114	M119	Z	-.422	-.422	0	%100
115	MP1B	X	-.574	-.574	0	%100
116	MP1B	Z	-.331	-.331	0	%100
117	M122	X	-.574	-.574	0	%100
118	M122	Z	-.331	-.331	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
119	MP2B	X	-.574	-.574	0	%100
120	MP2B	Z	-.331	-.331	0	%100
121	MP3B	X	-.695	-.695	0	%100
122	MP3B	Z	-.401	-.401	0	%100
123	MP4B	X	-.574	-.574	0	%100
124	MP4B	Z	-.331	-.331	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M131B	X	-.124	-.124	0	%100
2	M131B	Z	-.215	-.215	0	%100
3	M132A	X	-.315	-.315	0	%100
4	M132A	Z	-.545	-.545	0	%100
5	M133A	X	-.315	-.315	0	%100
6	M133A	Z	-.545	-.545	0	%100
7	M134A	X	-.628	-.628	0	%100
8	M134A	Z	-1.088	-1.088	0	%100
9	M137A	X	0	0	0	%100
10	M137A	Z	0	0	0	%100
11	M138A	X	-.349	-.349	0	%100
12	M138A	Z	-.604	-.604	0	%100
13	M142A	X	-.209	-.209	0	%100
14	M142A	Z	-.363	-.363	0	%100
15	M143A	X	0	0	0	%100
16	M143A	Z	0	0	0	%100
17	M145A	X	0	0	0	%100
18	M145A	Z	0	0	0	%100
19	M147A	X	-.209	-.209	0	%100
20	M147A	Z	-.363	-.363	0	%100
21	M148A	X	-.64	-.64	0	%100
22	M148A	Z	-1.108	-1.108	0	%100
23	M150A	X	-.674	-.674	0	%100
24	M150A	Z	-1.167	-1.167	0	%100
25	M157A	X	-.298	-.298	0	%100
26	M157A	Z	-.516	-.516	0	%100
27	M160A	X	-.334	-.334	0	%100
28	M160A	Z	-.579	-.579	0	%100
29	M161A	X	-.496	-.496	0	%100
30	M161A	Z	-.859	-.859	0	%100
31	M162A	X	0	0	0	%100
32	M162A	Z	0	0	0	%100
33	M163A	X	0	0	0	%100
34	M163A	Z	0	0	0	%100
35	M164A	X	0	0	0	%100
36	M164A	Z	0	0	0	%100
37	M167A	X	-.349	-.349	0	%100
38	M167A	Z	-.604	-.604	0	%100
39	M168A	X	-.349	-.349	0	%100
40	M168A	Z	-.604	-.604	0	%100
41	M172A	X	-.837	-.837	0	%100
42	M172A	Z	-1.45	-1.45	0	%100
43	M173A	X	-.64	-.64	0	%100
44	M173A	Z	-1.108	-1.108	0	%100
45	M175	X	-.674	-.674	0	%100
46	M175	Z	-1.167	-1.167	0	%100
47	M177	X	-.837	-.837	0	%100
48	M177	Z	-1.45	-1.45	0	%100
49	M178	X	-.64	-.64	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
50	M178	Z	-1.108	-1.108	0	%100
51	M180	X	-.674	-.674	0	%100
52	M180	Z	-1.167	-1.167	0	%100
53	M187	X	0	0	0	%100
54	M187	Z	0	0	0	%100
55	OVP2	X	-.271	-.271	0	%100
56	OVP2	Z	-.469	-.469	0	%100
57	M190	X	-.563	-.563	0	%100
58	M190	Z	-.975	-.975	0	%100
59	M191	X	-.124	-.124	0	%100
60	M191	Z	-.215	-.215	0	%100
61	M192	X	-.315	-.315	0	%100
62	M192	Z	-.545	-.545	0	%100
63	M193	X	-.315	-.315	0	%100
64	M193	Z	-.545	-.545	0	%100
65	M194	X	-.628	-.628	0	%100
66	M194	Z	-1.088	-1.088	0	%100
67	M197	X	-.349	-.349	0	%100
68	M197	Z	-.604	-.604	0	%100
69	M198	X	0	0	0	%100
70	M198	Z	0	0	0	%100
71	M202	X	-.209	-.209	0	%100
72	M202	Z	-.363	-.363	0	%100
73	M203	X	-.64	-.64	0	%100
74	M203	Z	-1.108	-1.108	0	%100
75	M205	X	-.674	-.674	0	%100
76	M205	Z	-1.167	-1.167	0	%100
77	M207	X	-.209	-.209	0	%100
78	M207	Z	-.363	-.363	0	%100
79	M208	X	0	0	0	%100
80	M208	Z	0	0	0	%100
81	M210	X	0	0	0	%100
82	M210	Z	0	0	0	%100
83	M217	X	-.298	-.298	0	%100
84	M217	Z	-.516	-.516	0	%100
85	OVP	X	-.271	-.271	0	%100
86	OVP	Z	-.469	-.469	0	%100
87	M220	X	-.334	-.334	0	%100
88	M220	Z	-.579	-.579	0	%100
89	M221	X	-.317	-.317	0	%100
90	M221	Z	-.548	-.548	0	%100
91	MP1A	X	-.331	-.331	0	%100
92	MP1A	Z	-.574	-.574	0	%100
93	M224	X	-.249	-.249	0	%100
94	M224	Z	-.431	-.431	0	%100
95	MP2A	X	-.331	-.331	0	%100
96	MP2A	Z	-.574	-.574	0	%100
97	MP3A	X	-.401	-.401	0	%100
98	MP3A	Z	-.695	-.695	0	%100
99	MP4A	X	-.331	-.331	0	%100
100	MP4A	Z	-.574	-.574	0	%100
101	M105	X	0	0	0	%100
102	M105	Z	0	0	0	%100
103	MP1C	X	-.331	-.331	0	%100
104	MP1C	Z	-.574	-.574	0	%100
105	M108	X	0	0	0	%100
106	M108	Z	0	0	0	%100
107	MP2C	X	-.331	-.331	0	%100
108	MP2C	Z	-.574	-.574	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
109	MP3C	X	-.401	-.401	0	%100
110	MP3C	Z	-.695	-.695	0	%100
111	MP4C	X	-.331	-.331	0	%100
112	MP4C	Z	-.574	-.574	0	%100
113	M119	X	-.317	-.317	0	%100
114	M119	Z	-.548	-.548	0	%100
115	MP1B	X	-.331	-.331	0	%100
116	MP1B	Z	-.574	-.574	0	%100
117	M122	X	-.249	-.249	0	%100
118	M122	Z	-.431	-.431	0	%100
119	MP2B	X	-.331	-.331	0	%100
120	MP2B	Z	-.574	-.574	0	%100
121	MP3B	X	-.401	-.401	0	%100
122	MP3B	Z	-.695	-.695	0	%100
123	MP4B	X	-.331	-.331	0	%100
124	MP4B	Z	-.574	-.574	0	%100

Member Area Loads

Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
No Data to Print ...						

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	N203B	max	1481.395	10	564.929	18	4387.555	1	.693	19	2.346	4	.063	8
2		min	-1487.051	4	171.202	47	-2174.563	7	.185	12	-2.35	10	-.116	15
3	N240	max	48.99	10	1616.753	13	-779.02	7	0	75	0	75	0	75
4		min	-49.239	4	478.026	7	-2584.325	13	0	1	0	1	0	1
5	N241	max	3933.889	9	669.364	15	1789.692	1	.006	1	2.199	12	-.125	49
6		min	-1970.344	3	175.746	49	-2916.708	7	-.891	43	-2.204	6	-.561	24
7	N278	max	-664.876	3	1651.614	21	1320.828	21	0	75	0	75	0	75
8		min	-2287.68	21	471.178	3	383.949	3	0	1	0	1	0	1
9	N279	max	2363.457	10	706.062	23	1177.221	1	.088	2	2.389	8	.719	14
10		min	-4357.721	4	89.49	27	-2330.575	7	-.482	44	-2.405	2	.038	33
11	N316	max	2601.668	29	1847.511	29	1501.995	29	0	75	0	75	0	75
12		min	710.796	11	503.391	11	410.182	11	0	1	0	1	0	1
13	Totals:	max	6961.439	10	6616.524	13	6841.764	1						
14		min	-6961.44	4	2385.909	70	-6841.759	7						

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

	Member	Shape	Code ...	Loc[ft]	LC	Shear ...	Loc[ft]	Dir	LC	phi*Pnc [...	phi*Pnt [l...	phi*Mn y...	phi*Mn z...	Cb	Eqn
1	M131B	HSS4X4X4	.173	0	4	.043	0	z	4	124657....	139518	16.181	16.181	2....	H1-1b
2	M132A	HSS4X4X4	.085	2.375	14	.040	.223	z	2	136263.03	139518	16.181	16.181	1....	H1-1b
3	M133A	HSS4X4X4	.100	0	12	.054	2.152	z	12	136263.03	139518	16.181	16.181	1....	H1-1b
4	M134A	PL1/2x6	.228	.516	8	.072	.516	y	11	66009.234	97200	1.012	12.15	1....	H1-1b
5	M137A	L2x2x3	.171	4.162	2	.006	4.162	z	3	9823.122	23392.8	.558	1.074	1....	H2-1
6	M138A	L2x2x3	.206	0	11	.006	0	z	5	9823.122	23392.8	.558	1.074	1....	H2-1
7	M142A	PL3/8x6	.329	0	8	.112	0	y	7	70677.939	72900	.57	9.113	2....	H1-1b
8	M143A	PL3/8x6	.322	.167	8	.148	0	y	14	71601.728	72900	.57	9.113	1....	H1-1b
9	M145A	PL1/2x6	.062	0	8	.102	0	y	24	96757.507	97200	1.012	12.15	2....	H1-1b
10	M147A	PL3/8x6	.197	0	10	.085	0	y	5	70677.939	72900	.57	9.113	1....	H1-1b
11	M148A	PL3/8x6	.370	.167	6	.168	0	y	13	71601.728	72900	.57	9.113	1....	H1-1b
12	M150A	PL1/2x6	.052	.112	10	.103	0	y	14	96757.507	97200	1.012	12.15	1....	H1-1b
13	M157A	L2.5x2.5x4	.111	1.295	5	.027	1.295	z	11	36502.971	38556	1.114	2.537	2....	H2-1
14	M160A	LL2.5x2.5x3...	.070	4.806	13	.003	0	z	10	43442.179	58320	3.954	2.55	1	H1-1b*

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

	Member	Shape	Code ...	Loc[ft]	LC	Shear ...	Loc[ft]	Dir	LC	phi*Pnc [...	phi*Pnt [l...	phi*Mn y...	phi*Mn z...	Cb	Eqn
15	M161A	HSS4X4X4	.163	0	12	.062	0	y	43	124657....	139518	16.181	16.181	2....	H1-1b
16	M162A	HSS4X4X4	.081	2.375	22	.040	.223	z	10	136263.03	139518	16.181	16.181	1....	H1-1b
17	M163A	HSS4X4X4	.101	0	8	.054	2.152	z	8	136263.03	139518	16.181	16.181	1....	H1-1b
18	M164A	PL1/2x6	.232	.516	4	.071	.516	y	7	66009.234	97200	1.012	12.15	1....	H1-1b
19	M167A	L2x2x3	.174	4.162	10	.006	4.162	z	11	9823.122	23392.8	.558	1.074	1....	H2-1
20	M168A	L2x2x3	.204	0	8	.006	0	z	7	9823.122	23392.8	.558	1.074	1....	H2-1
21	M172A	PL3/8x6	.341	0	4	.117	0	y	39	70677.939	72900	.57	9.113	2....	H1-1b
22	M173A	PL3/8x6	.327	.167	4	.139	0	y	20	71601.728	72900	.57	9.113	1....	H1-1b
23	M175	PL1/2x6	.063	0	4	.105	0	y	20	96757.507	97200	1.012	12.15	2....	H1-1b
24	M177	PL3/8x6	.172	0	6	.108	0	y	44	70677.939	72900	.57	9.113	1....	H1-1b
25	M178	PL3/8x6	.372	.167	2	.196	0	y	47	71601.728	72900	.57	9.113	1.4	H1-1b
26	M180	PL1/2x6	.052	0	8	.140	0	y	49	96757.507	97200	1.012	12.15	1....	H1-1b
27	M187	L2.5x2.5x4	.114	1.295	7	.027	1.295	z	7	36502.971	38556	1.114	2.537	2....	H2-1
28	OVP2	PIPE_2.0	.175	2.5	7	.023	2.5		7	28843.414	32130	1.872	1.872	1	H1-1b
29	M190	LL2.5x2.5x3...	.072	4.806	21	.003	0	z	12	43442.179	58320	3.954	2.55	1	H1-1b*
30	M191	HSS4X4X4	.177	0	8	.069	5.133	y	28	124657....	139518	16.181	16.181	2....	H1-1b
31	M192	HSS4X4X4	.084	2.375	18	.040	.223	z	6	136263.03	139518	16.181	16.181	1....	H1-1b
32	M193	HSS4X4X4	.110	0	4	.059	2.152	z	4	136263.03	139518	16.181	16.181	1....	H1-1b
33	M194	PL1/2x6	.224	.516	12	.145	.516	y	27	66009.234	97200	1.012	12.15	1....	H1-1b
34	M197	L2x2x3	.172	4.162	6	.006	4.162	z	7	9823.122	23392.8	.558	1.074	1....	H2-1
35	M198	L2x2x3	.219	0	4	.006	0	z	9	9823.122	23392.8	.558	1.074	1....	H2-1
36	M202	PL3/8x6	.321	0	12	.113	0	y	11	70677.939	72900	.57	9.113	2....	H1-1b
37	M203	PL3/8x6	.323	.167	12	.146	0	y	16	71601.728	72900	.57	9.113	1....	H1-1b
38	M205	PL1/2x6	.061	0	12	.247	0	y	28	96757.507	97200	1.012	12.15	2....	H1-1b
39	M207	PL3/8x6	.200	0	2	.090	0	y	3	70677.939	72900	.57	9.113	1....	H1-1b
40	M208	PL3/8x6	.398	.167	10	.177	0	y	18	71601.728	72900	.57	9.113	1....	H1-1b
41	M210	PL1/2x6	.055	.112	2	.112	0	y	18	96757.507	97200	1.012	12.15	1....	H1-1b
42	M217	L2.5x2.5x4	.104	1.295	9	.032	0	z	30	36502.971	38556	1.114	2.537	2....	H2-1
43	OVP	PIPE_2.0	.175	2.5	7	.023	2.5		7	28843.414	32130	1.872	1.872	1	H1-1b
44	M220	LL2.5x2.5x3...	.081	4.806	29	.003	0	z	8	43442.179	58320	3.954	2.55	1	H1-1b*
45	M221	PIPE_3.0	.101	8.333	39	.079	7.682		1	28250.554	65205	5.749	5.749	2....	H1-1b
46	MP1A	PIPE_2.0	.133	4	12	.058	4		1	14916.096	32130	1.872	1.872	1....	H1-1b
47	M224	PIPE_2.0	.101	8.333	6	.055	1.172		7	6295.422	32130	1.872	1.872	3....	H1-1b
48	MP2A	PIPE_2.0	.219	4	2	.052	4		7	14916.096	32130	1.872	1.872	1....	H1-1b
49	MP3A	PIPE_2.5	.379	4	1	.081	4		3	30038.461	50715	3.596	3.596	1....	H1-1b
50	MP4A	PIPE_2.0	.187	4	8	.055	4		2	14916.096	32130	1.872	1.872	1.7	H1-1b
51	M105	PIPE_3.0	.093	8.333	12	.091	7.682		3	28250.554	65205	5.749	5.749	2....	H1-1b
52	MP1C	PIPE_2.0	.130	4	6	.062	4		9	14916.096	32130	1.872	1.872	1....	H1-1b
53	M108	PIPE_2.0	.104	8.203	12	.049	1.172		3	6295.422	32130	1.872	1.872	2....	H1-1b
54	MP2C	PIPE_2.0	.235	4	10	.046	4		3	14916.096	32130	1.872	1.872	1....	H1-1b
55	MP3C	PIPE_2.5	.408	4	3	.078	4		10	30038.461	50715	3.596	3.596	1....	H1-1b
56	MP4C	PIPE_2.0	.188	4	9	.053	4		10	14916.096	32130	1.872	1.872	1....	H1-1b
57	M119	PIPE_3.0	.093	8.333	9	.080	7.682		5	28250.554	65205	5.749	5.749	2....	H1-1b
58	MP1B	PIPE_2.0	.135	4	3	.057	4		5	14916.096	32130	1.872	1.872	1....	H1-1b
59	M122	PIPE_2.0	.100	8.203	8	.056	1.172		11	6295.422	32130	1.872	1.872	2....	H1-1b
60	MP2B	PIPE_2.0	.225	4	6	.052	4		11	14916.096	32130	1.872	1.872	1....	H1-1b
61	MP3B	PIPE_2.5	.380	4	5	.082	4		7	30038.461	50715	3.596	3.596	1....	H1-1b
62	MP4B	PIPE_2.0	.185	4	6	.055	4		6	14916.096	32130	1.872	1.872	1....	H1-1b

VzW SMART Tool© Vendor

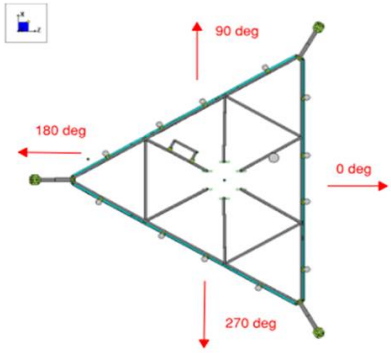
Client:	Verizon	Date:	8/3/2023
Site Name:	OLD SAYBROOK EAST RELO CT		
MDG #:	5000243959		
Fuze ID #:	17123848	Page:	1

Version 1.01

I. Mount-to-Tower Connection Check

Custom Orientation Required

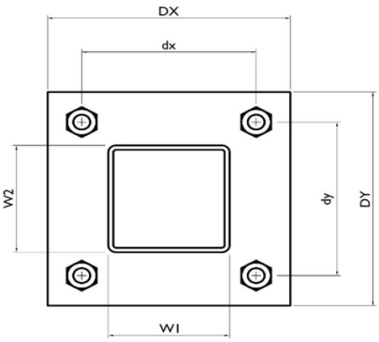
Nodes (labeled per Risa)	Orientation (per graphic of typical platform)
9	



Tower Connection Bolt Checks

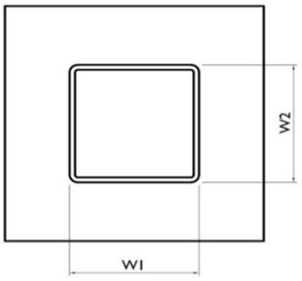
Bolt Orientation r

r	
d *(Delta X of typ. bolt config. sketch)*	
d *(Delta Y of typ. bolt config. sketch)*	
r	
r d r	
r d r r	
r	
r	**14.9%**



Tower Connection Baseplate Checks

d M r	
d r r	r
d	
M r	
r	
r	
r	
r	
d	
r	
M	
M	9
d	**19.6%**



VzW SMART Tool© Vendor

Client:	Verizon	Date:	8/3/2023
Site Name:	OLD SAYBROOK EAST RELO CT		
PSLC #:	5000243959		
Fuze ID #:	17123848	Page:	2

Version 1.01

Tower Connection Weld Checks

d	
d r r	
r	
d	
d	
r d d r	
d	
d	**13.4%**

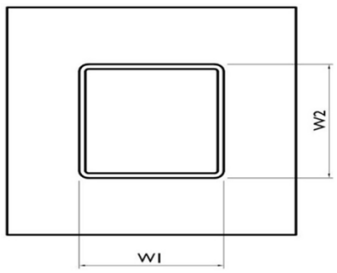


EXHIBIT 5

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Non-Ionizing Electromagnetic Radiation (NIER) Study

Site Number:
370625

Site Name:
Old Saybrook

Location:
Old Saybrook, Connecticut

Tenants:
T-Mobile, Dish Wireless, & Verizon Wireless

Prepared For:

American Tower, Inc.
Woburn, Massachusetts

September 10th, 2023

177862 P-405147

Prepared By:

Adam Carlson MS, CBRE, CPI
Program Manager RF Design & Service
Tower Engineering Professionals

Approved By:

09/13/2023

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Disclaimer Notice

This work is based upon our best interpretation of available information. However, these data and their interpretation are constantly changing. Therefore, we do not warrant that any undertaking based on this report will be successful, or that others will not require further research or actions in support of this proposal or future undertaking. In the event of errors, our liability is strictly limited to the replacement of this document with a corrected one. Liability for consequential damages is specifically denied. Any use of this document constitutes an agreement to hold Tower Engineering Professionals and its employees harmless and indemnify it for all liability, claims, demands, and litigation expenses and attorney's fees arising out of such use.

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Non-Ionizing Electromagnetic Radiation (NIER) Study

370625 Old Saybrook
Old Saybrook, 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 370625 Old Saybrook is located at 77 Springbrook Rd., in Old Saybrook, Connecticut at coordinates 41.313856, -72.364116. The support structure is a 176' monopole. An aerial view of the tower can be found in Appendix 1, Site Photos. The tenants are T-Mobile (T-Mobile), Dish Wireless (Dish) & 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 370625 Old Saybrook.RF NIER Study sent 8/14/23.
- 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

370625 Old Saybrook							
Antenna Inventory							
Antenna #	Carrier	Antenna Manufacturer	Antenna Model	Frequency Band (MHz)	Azmiuth (°)	Effective Radiated Power (W)	Radiation Center (ft)
1	Verizon	Andrew	SBNHH-1D65B	800	010	18971	173
2	Verizon	Andrew	SBNHH-1D65B	800	130	18971	173
3	Verizon	Andrew	SBNHH-1D65B	800	250	18971	173
4	Verizon	Andrew	SBNHH-1D65B	800	010	18971	173
5	Verizon	Andrew	SBNHH-1D65B	800	130	18971	173
6	Verizon	Andrew	SBNHH-1D65B	800	250	18971	173
7	Verizon	Commscope	JAHH-65B-R3B	700/800/1900/2100	100	63604	173
8	Verizon	Commscope	JAHH-65B-R3B	700/800/1900/2100	240	63604	173
9	Verizon	Commscope	JAHH-65B-R3B	700/800/1900/2100	350	63604	173
10	Verizon	Commscope	JAHH-65B-R3B	700/800/1900/2100	100	63604	173
11	Verizon	Commscope	JAHH-65B-R3B	700/800/1900/2100	240	63604	173
12	Verizon	Commscope	JAHH-65B-R3B	700/800/1900/2100	350	63604	173
13	T-Mobile	Ericsson	Air 6449	2500/2600	100	30476	162
14	T-Mobile	Ericsson	Air 6449	2500/2600	195	30476	162
15	T-Mobile	Ericsson	Air 6449	2500/2600	350	30476	162
16	T-Mobile	RFS	APX16DWV	1900/2100	100	16867	162
17	T-Mobile	RFS	APX16DWV	1900/2100	195	16867	162
18	T-Mobile	RFS	APX16DWV	1900/2100	350	16867	162
19	T-Mobile	RFS	APXVAARR24	600	100	5533	162
20	T-Mobile	RFS	APXVAARR24	600	195	5533	162
21	T-Mobile	RFS	APXVAARR24	600	350	5533	162
22	Dish	JMA	MX08FRO665-21	600/1900/2000/2100	000	52521	140
23	Dish	JMA	MX08FRO665-21	600/1900/2000/2100	120	52521	140
24	Dish	JMA	MX08FRO665-21	600/1900/2000/2100	240	52521	140

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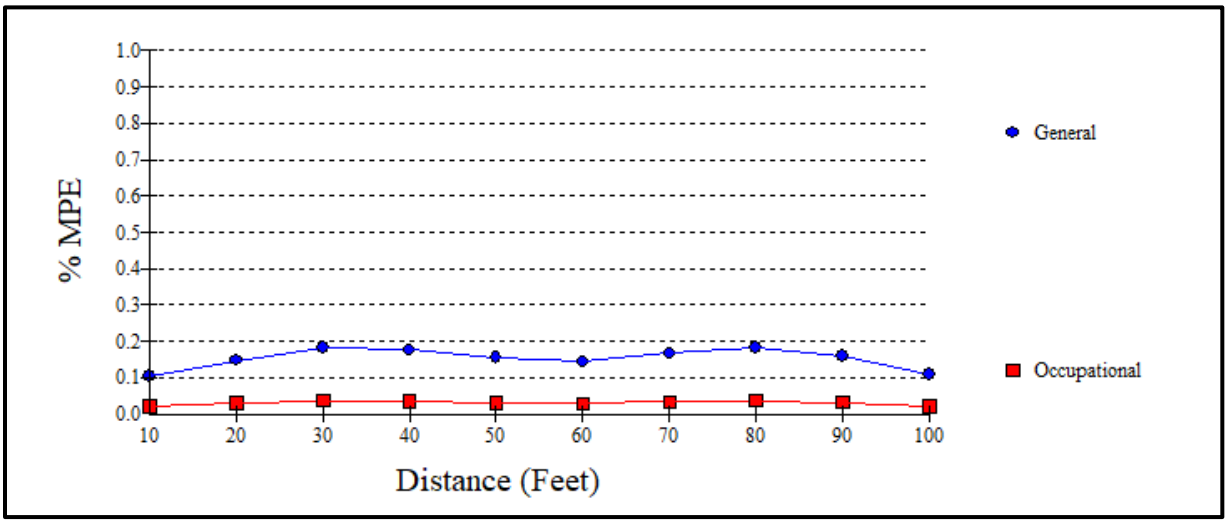
Appendix 3.1 MPE Limit Study



Maximum Power Density (@80'):	0.0012 mW/cm²
General Population MPE (@80'):	0.1833%
Occupational MPE (@80'):	0.0367

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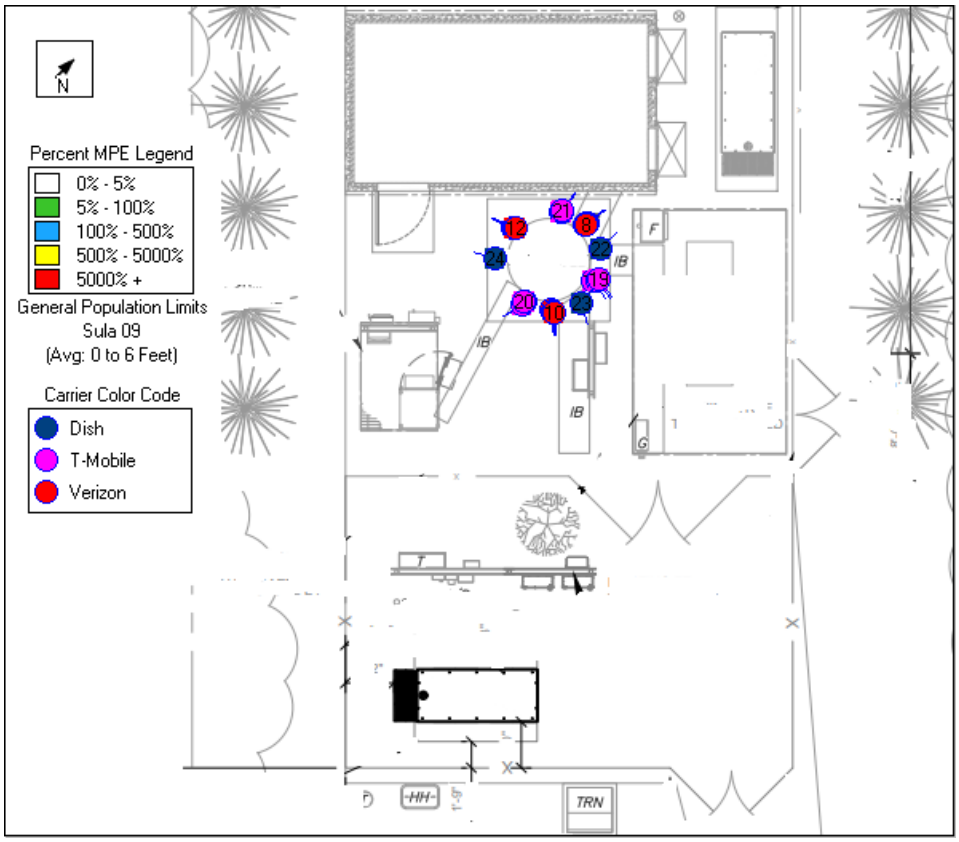
Appendix 3.2 MPE Limit Study



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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

TOWN OF OLD SAYBROOK, CONNECTICUT

302 Main Street, Old Saybrook, CT 06475 Phone – 860-395-3130, Fax – 860-395-1216

FOR OFFICE USE : MAP: 58 LOT: 17-1 Building Permit # 24780
FM# 2899 ZC# 05-05-6 Date Received: 4.21.08
FLOOD ZONE:

APPLICATION FOR PLAN EXAMINATION AND BUILDING PERMIT:

LOCATION: 77 SPRINGBROOK ROAD, OLD SAYBROOK, CT

TYPE OF IMPROVEMENT: Construction of a 175' Tower w/ Verizon Collocation and Demo of Existing Guyed Tower

ROOFING -- # SQUARES _____ RIP – YES ___ NO ___

PROPOSED USE: Communications / Commercial
(Residence, Store, Commercial, etc.)

INCLUDE SITE PLAN FOR ALL NEW CONSTRUCTION

COST:

Improvement: $ 138,000
Electrical:$ 12,000 CRS#- Lic Provided when pulling Elect. Permit
Plumbing:$
Heating, A.C.: $

TOTAL:$ 150,000

OWNER OR LESSEE National Tower for Crossroads Communications of Old Saybrook, LLC
Mailing Address: Park Place West 352 Park St. Suite 101
North Reading, MA 01864 Phone# 781-389-6909

CONTRACTOR: Bell Atlantic Inc. / Verizon
Address: 99 East River Drive 9th Floor, East Hartford CT 06108

LICENSE NUMBER 900296 Phone# 860-982-4246

CERTIFICATION

I hereby certify that I am the owner of record of the named property, or that the proposed work is authorized by the owner of record and that I have been authorized by the owner to make this application as his authorized agent and I agree to conform to all applicable laws of this jurisdiction. In addition, if a permit for work described in this application is issued, I certify that the code official or the code official's authorized representative shall have the authority to enter areas covered by such permit at any reasonable hour to enforce provisions of the code(s) applicable to such permit.

Any application for which a permit has not been issued within 120 days of the date of application shall be considered void and any fees associated with that application will be forfeited.

Signature of Applicant: _____ Phone# 781-389-6909
Address:
352 Park Street, Suite 101
North Reading MA 01864

$24.-

FOR OFFICE USE: BUILDING PERMIT FEE$ 1539 PAID ISSUED ON: _____
(Includes $.16 per $1000 educational training fee)

APPROVED BY: _____ 4/28/08 NOTE: No Accessory Structures included in this permit
Building Official/Date

TYPE: 2B USE GROUP: B SEASONAL: _____

NOTE: WORK MUST BEGIN WITHIN 180 CALENDAR DAYS

ORIGINAL

OVER FOR ADDITIONAL INFORMATION

EXHIBIT 7

From: UPS
To: Barbara Kassabian
Subject: UPS Delivery Notification, Tracking Number 1Z9Y45030312551155
Date: Monday, September 25, 2023 10:52:57 AM

Hello, your package has been delivered.

Delivery Date: Monday, 09/25/2023
Delivery Time: 10:51 AM
Left At: DOCK
Signed by: ANCRI

CENTERLINE SITE ACQUISITION

Tracking Number:	1Z9Y45030312551155
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:	14519499

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Read Compass Online

From: UPS
To: Barbara Kassabian
Subject: UPS Delivery Notification, Tracking Number 1Z9Y45030317464124
Date: Monday, September 25, 2023 10:49:00 AM

Hello, your package has been delivered.

Delivery Date: Monday, 09/25/2023
Delivery Time: 10:46 AM
Signed by: COSTA

CENTERLINE SITE ACQUISITION

Tracking Number:	1Z9Y45030317464124
Ship To:	TOWN HALL 302 MAIN STREET OLD SAYBROOK, CT 064752384 US
Number of Packages:	1
UPS Service:	UPS Ground
Package Weight:	1.0 LBS
Reference Number:	14519499

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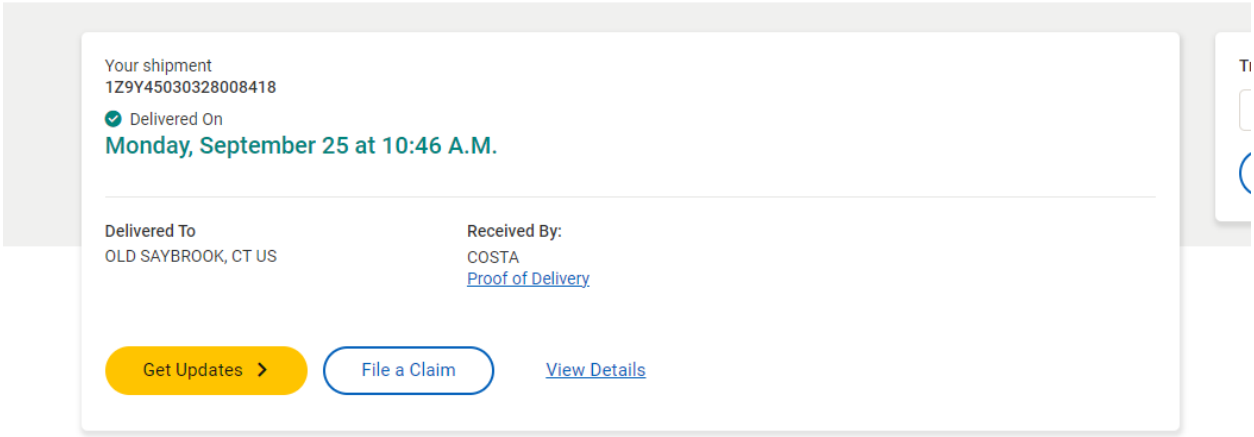
Your shipment
1Z9Y45030328008418
Delivered On
Monday, September 25 at 10:46 A.M.
Delivered To
OLD SAYBROOK, CT US
Received By:
COSTA
Proof of Delivery
Get Updates
File a Claim
View Details

From: UPS
To: Barbara Kassabian
Subject: UPS Delivery Notification, Tracking Number 1Z9Y45030308520142
Date: Saturday, September 23, 2023 5:14:36 PM

Hello, your package has been delivered.

Delivery Date: Saturday, 09/23/2023

Delivery Time: 5:13 PM

Left At: OTHER-RELEAS

Set Delivery Instructions | Manage Preferences | View My Packages

CENTERLINE SITE ACQUISITION

Tracking Number:	1Z9Y45030308520142
Ship To:	CROSSROADS COMMUNICATIONS 157 NORTH SEIR HILL ROAD NORWALK, CT 068501333 US
Number of Packages:	1
UPS Service:	UPS Ground
Package Weight:	1.0 LBS
Reference Number:	14519499