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 18, 2023

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

RE: Notice of Exempt Modification // Site: WATERFORD SE CT (ATC: 310972)
15 Miner Lane, Waterford CT 06385
N 41.32904616 // W -72.12460961

Dear Ms. Bachman,

Cellco Partnership d/b/a Verizon Wireless currently maintains nine (9) antenna at the 160-ft level on the existing 180ft tower, located at 15 Miner Lane, Waterford, CT. The tower is owned by American Tower. The property is owned by The Town of Waterford. The Council approved Verizon Wireless use of the existing tower in July 2013. 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 Waterford'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 7, 2023, by A.T. Engineering Services, LLC, a structural analysis dated August 22, 2023, by American Tower Corp., and a structural mount analysis by Colliers Engineering and Design date August 2, 2023, and Non-Ionizing Electromagnetic Radiation (NIER) Study dated August 28, 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..

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

Sincerely,

Derek Maheux

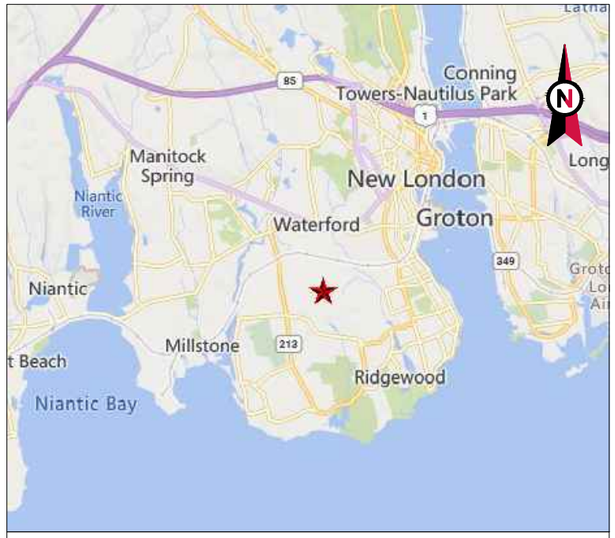
_____

Derek Maheux, Program Manager
c/o Cellco Partnership d/b/a Verizon Wireless
Centerline Communications, LLC
750 West Center Street, Suite 301
West Bridgewater, MA 02379
Mobile: (508) 649 230
Dmaheux@clinellc.com

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: Rob Bruel – First Selectman – Chief Elected Official
Jonathan Mullen, Planning Director - as P&Z official
American Tower Corporation - as tower owner
Town of Waterford – as ground owner

EXHIBIT 1



VICINITY MAP

AMERICAN TOWER®

ATC SITE NAME: WATERFORD REBUILD CT
ATC SITE NUMBER: 310972
VERIZON SITE NAME: WATERFORD SE CT
VERIZON SITE NUMBER: 5000094194
SITE ADDRESS: 15 MINER LANE
WATERFORD, CT 06385

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:	127 MPH
BASIC WIND SPEED W/ ICE:	50 MPH
CODE(S):	ANSI/TIA-222-H / 2021 IBC / 2022 CONNECTICUT STATE BUILDING CODE
EXPOSURE CATEGORY:	B
RISK CATEGORY:	II
TOPO FACTOR PROCEDURE:	METHOD 1
TOPOGRAPHIC CATEGORY:	1
SPECTRAL RESPONSE:	S_S=0.19, S_1=0.05
SITE CLASS:	D- STIFF SOIL - DEFAULT

INFORMATION TAKEN FROM STRUCTURAL ANALYSIS COMPLETED BY ATC, DATED 08/04/2023.

UTILITY COMPANIES

POWER COMPANY: EVERSOURCE
PHONE: (877) 659-6326

TELEPHONE COMPANY: FRONTIER COMMUNICATIONS
PHONE: (877) 641-3250

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

PROJECT SUMMARY

SITE ADDRESS:

15 MINER LANE
WATERFORD, CT 06385
COUNTY: NEW LONDON

GEOGRAPHIC COORDINATES:

LATITUDE: 41.32904616
LONGITUDE: -72.12460691
GROUND ELEVATION: 94' 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:

WATERFORD CT
15 MINER LANE
WATERFORD, CT 06385

PROJECT DESCRIPTION

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

INSTALL (2) FILTER(S)

EXISTING (9) ANTENNA(s), (6) RRH(s), (3) DIPLEXER(s), (2) OVP(s), AND (12) 1-5/8" COAX, & (2) 1-5/8" HYBRIFLEX CABLE(s) TO REMAIN

PROJECT NOTES

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

PROJECT LOCATION DIRECTIONS

FROM HARTFORD TAKE I-91 SOUTH TO RT 9 SOUTH TO I-95 NORTH. TAKE EXIT 75 FOR RT 1 NORTH. TAKE RT 1 TO MINER LANE IN WATERFORD, TURN RIGHT. SITE IS TOWARDS END OF ROAD IN TOWN LANDFILL ON THE RIGHT.

SHEET INDEX

SHEET NO:	DESCRIPTION:	REV:	DATE:	BY:
G-001	TITLE SHEET	0	08/29/23	JM
G-002	GENERAL NOTES	0	08/29/23	JM
C-101	DETAILED SITE PLAN	0	08/29/23	JM
C-201	TOWER ELEVATION	0	08/29/23	JM
C-401	ANTENNA INFORMATION & SCHEDULE	0	08/29/23	JM
C-501	CONSTRUCTION DETAILS	0	08/29/23	JM
E-501	GROUNDING DETAILS	0	08/29/23	JM
R-601	SUPPLEMENTAL			
R-602	SUPPLEMENTAL			

CONTRACTOR PMI REQUIREMENTS

PMI ACCESSED AT:	HTTPS://PMI.VZWSMART.COM
SMART TOOL VENDOR PROJECT NUMBER:	10207615
VZW LOCATION CODE (PSLC):	5000094194

***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	08/29/23

ATC SITE NUMBER:
310972
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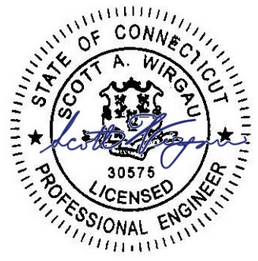

verizon

ATC JOB NO:	14519689_G0
CUSTOMER ID:	WATERFORD SE CT
CUSTOMER #:	5000094194

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

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

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

REV.	DESCRIPTION	BY	DATE
0	FOR CONSTRUCTION	JM	08/29/23

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VERIZON SITE NAME:
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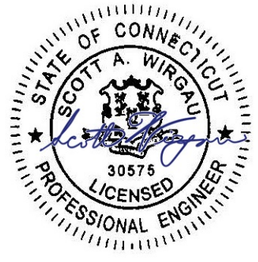
SITE ADDRESS:
15 MINER LANE
WATERFORD, CT 06385

SEAL:



Digitally Signed: 2023-09-11

verizon

ATC JOB NO:	14519689_G0
CUSTOMER ID:	WATERFORD SE CT
CUSTOMER #:	5000094194

GENERAL NOTES

SHEET NUMBER:	REVISION:
G-002	0

SITE PLAN NOTES:

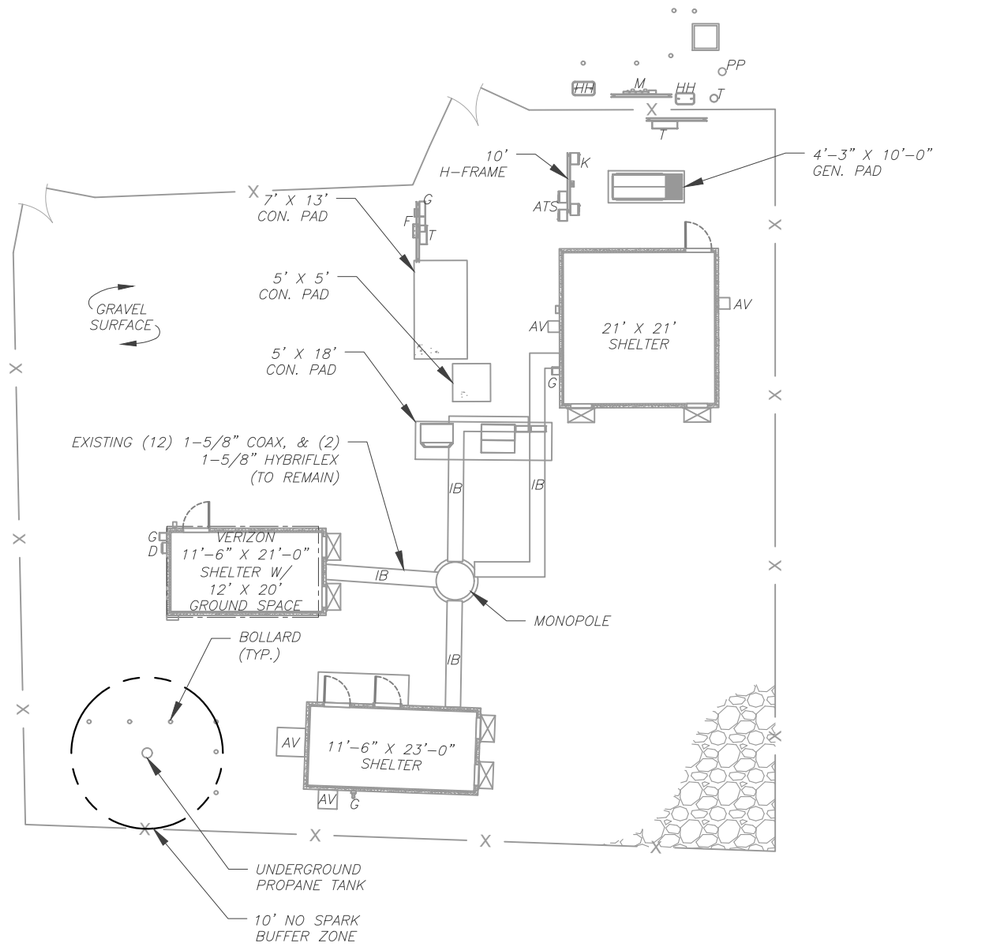
1. THIS SITE PLAN REPRESENTS THE BEST PRESENT KNOWLEDGE AVAILABLE TO THE ENGINEER AT THE TIME OF THIS DESIGN. THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO CONSTRUCTION AND VERIFY ALL EXISTING CONDITIONS RELATED TO THE SCOPE OF WORK FOR THIS PROJECT.

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

N

AMERICAN TOWER®

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

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VERIZON SITE NAME:
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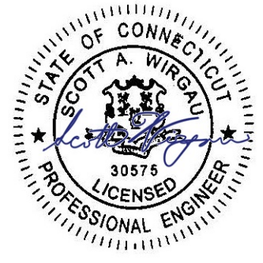
WATERFORD, CT 06385

SEAL:



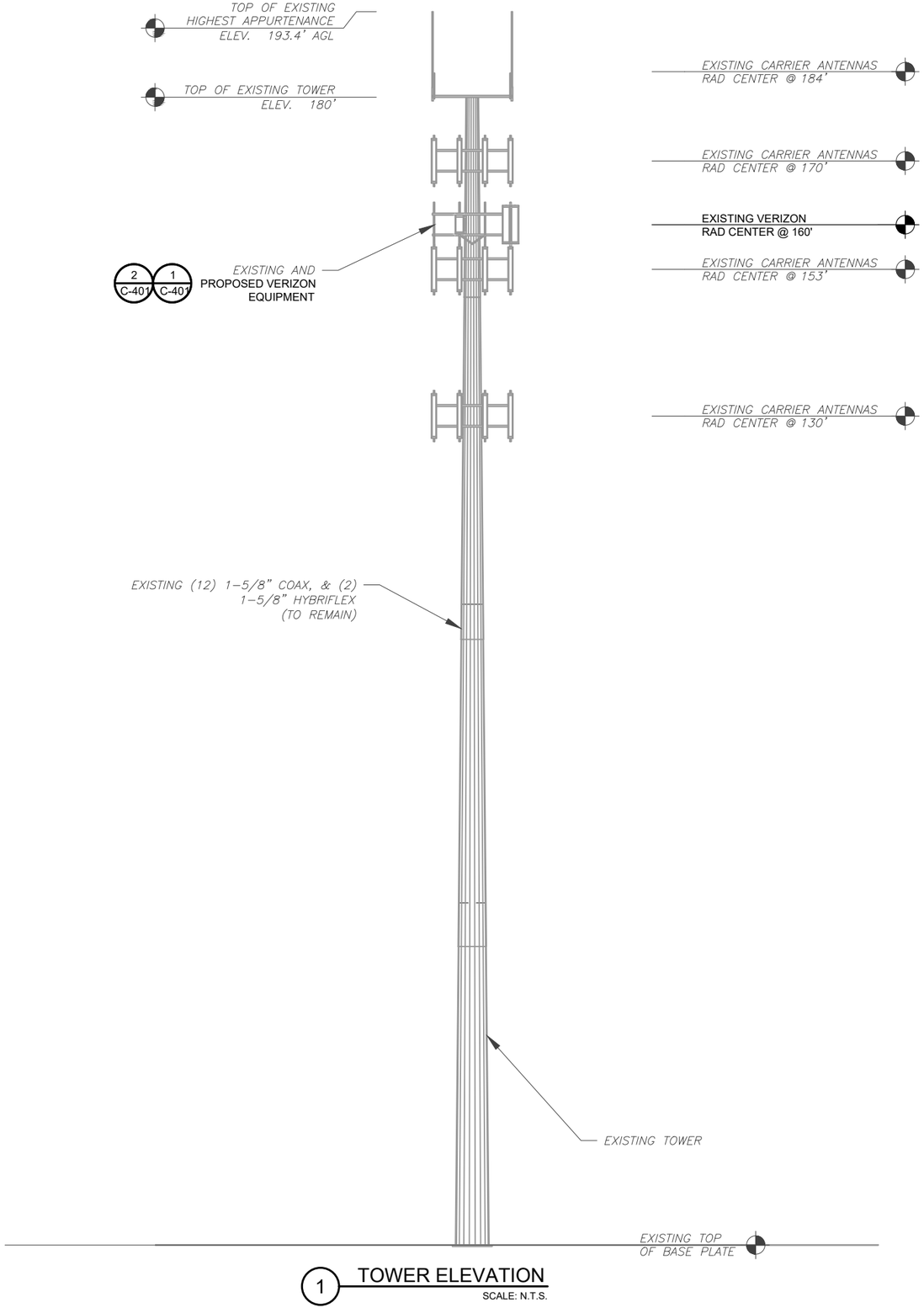
Digitally Signed: 2023-09-11

verizon

ATC JOB NO:	14519689_G0
CUSTOMER ID:	WATERFORD SE CT
CUSTOMER #:	5000094194

DETAILED SITE PLAN

SHEET NUMBER:	REVISION:
C-101	0



1 TOWER ELEVATION
SCALE: N.T.S.

PER MOUNT ANALYSIS COMPLETED BY COLLIERS, DATED 07/24/2023, THE EXISTING MOUNT CAN ADEQUATELY SUPPORT THE PROPOSED LOADING.

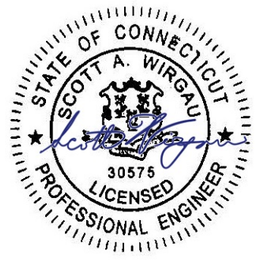
TOWER NOTE:
1. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONFIRM WITH THE PROJECT MANAGER THAT THEY HAVE THE MOST RECENT VERSION OF THE STRUCTURAL ANALYSIS BEFORE COMMENCING WORK. EXISTING AND PROPOSED TOWER APPURTENANCES, MOUNTS, AND ANTENNAS ARE SHOWN BASED ON THE STRUCTURAL ANALYSIS.
2. WHERE APPLICABLE, 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	08/29/23

ATC SITE NUMBER:
310972
ATC SITE NAME:
WATERFORD REBUILD CT
VERIZON SITE NAME:
WATERFORD SE CT
SITE ADDRESS:
15 MINER LANE
WATERFORD, CT 06385

SEAL:



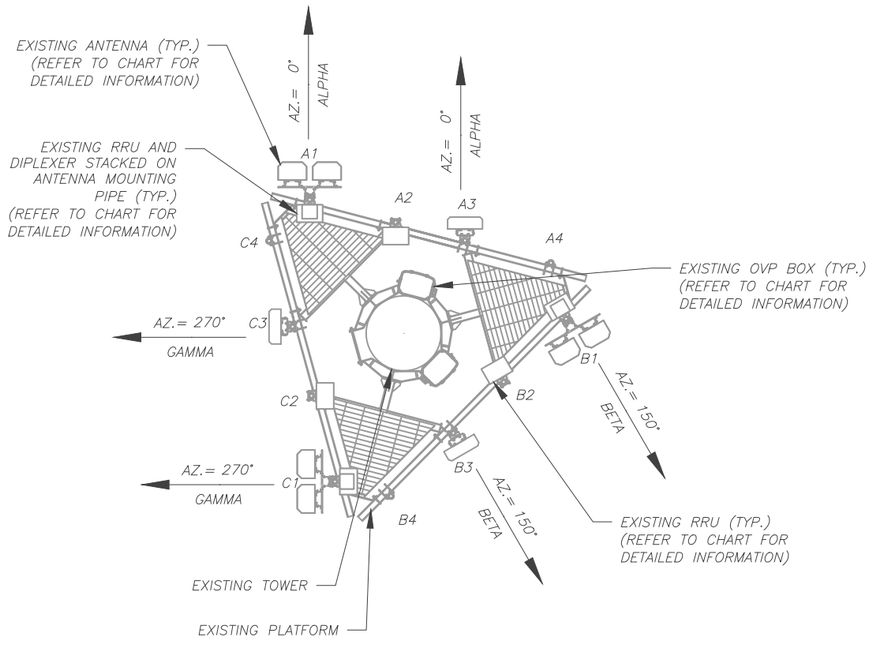
Digitally Signed: 2023-09-11

verizon

ATC JOB NO:	14519689_G0
CUSTOMER ID:	WATERFORD SE CT
CUSTOMER #:	5000094194

TOWER ELEVATION

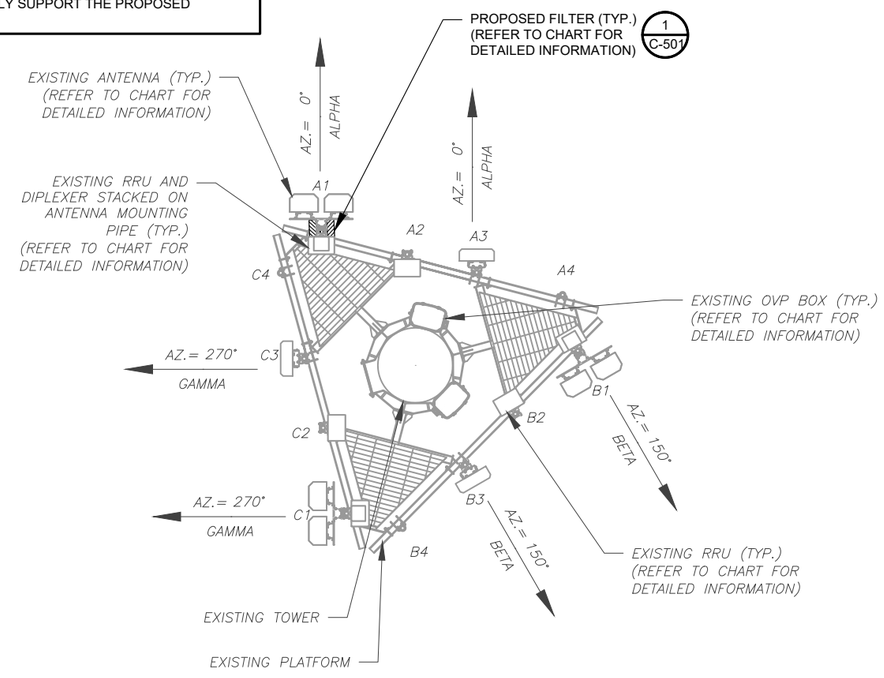
SHEET NUMBER:	REVISION:
C-201	0



1 EXISTING ANTENNA PLAN

SCALE: N.T.S.

PER MOUNT ANALYSIS COMPLETED BY COLLIERS, DATED 07/24/2023, THE EXISTING MOUNT CAN ADEQUATELY SUPPORT THE PROPOSED LOADING.



2 FINAL ANTENNA PLAN

SCALE: N.T.S.

EXISTING ANTENNA SCHEDULE

LOCATION			ANTENNA SUMMARY				NON ANTENNA SUMMARY	
SECTOR	RAD	AZ	POS	ANTENNA	BAND	STATUS	ADDITIONAL TOWER MOUNTED EQUIPMENT	STATUS
ALPHA	160'	0°	A1	(2) JAHH-65B-R3B	700/850/1900/AWS LTE/ 850 5G	RMN	RF4440D-13A	RMN
							CBC78T-DS-43-2X	RMN
			A2	-	-	-	RF 4439D-25A	RMN
			A3	MT6407-77A	L-SUB6 5G	RMN	-	-
			A4	-	-	-	-	-
BETA	160'	150°	B1	(2) JAHH-65B-R3B	700/850/1900/AWS LTE/ 850 5G	RMN	RF4440D-13A	RMN
							CBC78T-DS-43-2X	RMN
			B2	-	-	-	RF 4439D-25A	RMN
			B3	MT6407-77A	L-SUB6 5G	RMN	-	-
			B4	-	-	-	-	-
GAMMA	160'	270°	C1	(2) JAHH-65B-R3B	700/850/1900/AWS LTE/ 850 5G	RMN	RF4440D-13A	RMN
							CBC78T-DS-43-2X	RMN
			C2	-	-	-	RF 4439D-25A	RMN
			C3	MT6407-77A	L-SUB6 5G	RMN	-	-
			C4	-	-	-	-	-

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	160'	0°	A1	(2) JAHH-65B-R3B	700/850/1900/AWS LTE/ 850 5G	RMN	RF4440D-13A	RMN
							CBC78T-DS-43-2X	RMN
							(2) KA-6030	ADD
			A2	-	-	-	RF 4439D-25A	RMN
			A3	MT6407-77A	L-SUB6 5G	RMN	-	-
			A4	-	-	-	-	-
BETA	160'	150°	B1	(2) JAHH-65B-R3B	700/850/1900/AWS LTE/ 850 5G	RMN	RF4440D-13A	RMN
							CBC78T-DS-43-2X	RMN
			B2	-	-	-	RF 4439D-25A	RMN
			B3	MT6407-77A	L-SUB6 5G	RMN	-	-
			B4	-	-	-	-	-
GAMMA	160'	270°	C1	(2) JAHH-65B-R3B	700/850/1900/AWS LTE/ 850 5G	RMN	RF4440D-13A	RMN
							CBC78T-DS-43-2X	RMN
			C2	-	-	-	RF 4439D-25A	RMN
			C3	MT6407-77A	L-SUB6 5G	RMN	-	-
			C4	-	-	-	-	-

EXISTING FIBER DISTRIBUTION/OVP BOX

MODEL NUMBER	STATUS
(2) RRFDC-3315-PF-48	RMN
-	RMV

EXISTING CABLING SUMMARY

CABLE QTY, SIZE, TYPE	STATUS
(12) 1-5/8" COAX, & (2) 1-5/8" HYBRIFLEX	RMN
----	RMV

3 EQUIPMENT SCHEDULES

FINAL FIBER DISTRIBUTION / OVP BOX

MODEL NUMBER	STATUS
(2) RRFDC-3315-PF-48	RMN
-	ADD

FINAL CABLING SUMMARY

CABLE QTY, SIZE, TYPE	STATUS
(12) 1-5/8" COAX, & (2) 1-5/8" HYBRIFLEX	RMN
----	ADD

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WATERFORD, CT 06385

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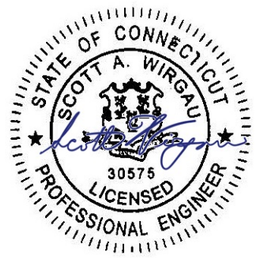


Digitally Signed: 2023-09-11

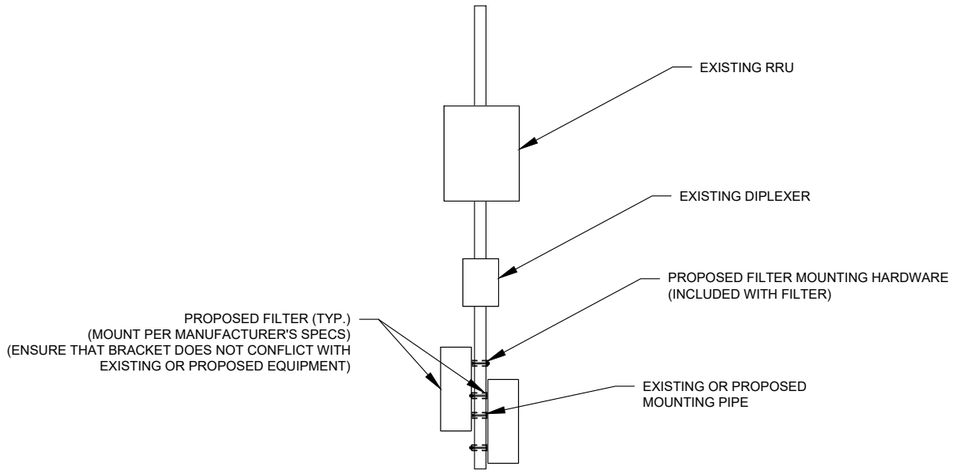
verizon

ATC JOB NO:	14519689_G0
CUSTOMER ID:	WATERFORD SE CT
CUSTOMER #:	5000094194

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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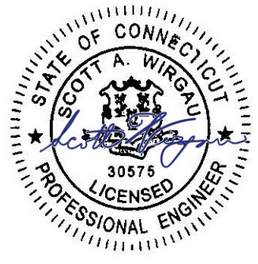


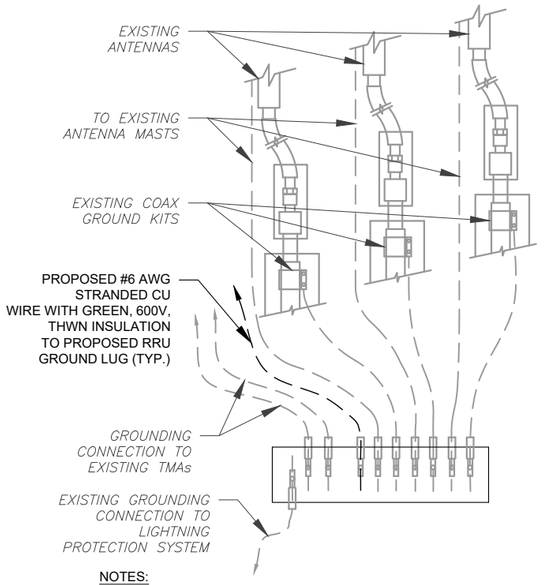
Digitally Signed: 2023-09-11

verizon

ATC JOB NO:	14519689_G0
CUSTOMER ID:	WATERFORD SE CT
CUSTOMER #:	5000094194

CONSTRUCTION DETAILS

SHEET NUMBER:	REVISION:
C-501	0

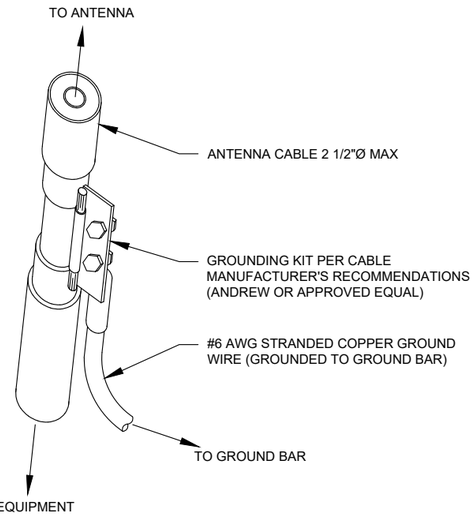


NOTES:

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.

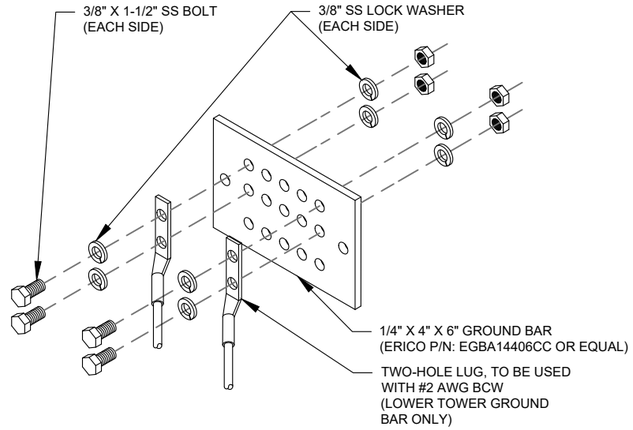


GROUND KIT NOTES:

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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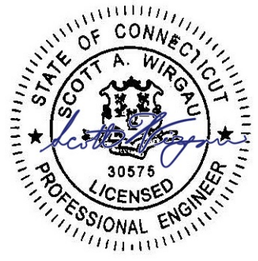


Digitally Signed: 2023-09-11

verizon

ATC JOB NO:	14519689_G0
CUSTOMER ID:	WATERFORD SE CT
CUSTOMER #:	5000094194

GROUNDING DETAILS

SHEET NUMBER:	REVISION:
E-501	0

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

Antenna Mount Analysis Report and PMI Requirements

Mount ReAnalysis

SMART Tool Project #: 10207615
Colliers Engineering & Design CT, P.C. Project #: 23777189

July 24, 2023

Site Information

Site ID:	*5000094194-VZW / WATERFORD SE CT*
Site Name:	*WATERFORD SE CT*
Carrier Name:	*Verizon Wireless*
Address:	*15 Miner Lane* *Waterford, Connecticut 06385* *New London County*
Latitude:	*41.329167°*
Longitude:	*-72.124444°*

Structure Information

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

FUZE ID # 17123894

Analysis Results

Platform: **73.7% 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: Grant Walters

Digitally signed by Derek Hartzell
Date: 2023.07.24 11:26:20-07'00'

STATE OF CONNECTICUT · DEREK R. HARTZELL · 32710 · LICENSED PROFESSIONAL ENGINEER

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	28.7	28.7	49.9	49.9
0.5	38.0	38.0	66.8	66.8
1	45.5	45.5	82.0	82.0

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 to confirm previous mount modification dated June 30, 2021 installed as designed.

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

Attachments:

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

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: R-601

REVISION: 0

Structure: 5000094194-VZW - WATERFORD SE CT

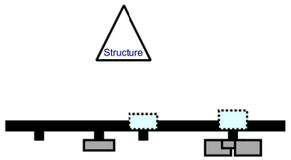
Sector: **A** 7/19/2023

Structure Type: Monopole 10207615

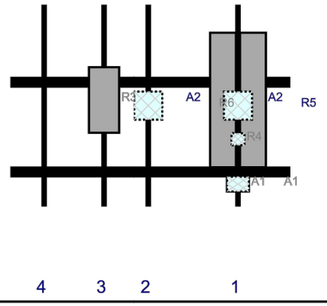
Mount Elev: 157.00 Page: 1

Colliers Engineering & Design

Plan View



Front View - Looking at Structure



Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A2	JAHH-65B-R3B	72	13.8	122	1	a	Front	51	8	Retained	
A2	JAHH-65B-R3B	72	13.8	122	1	b	Front	51	-8	Retained	
A1	KA-6030	7.9	11.7	122	1	a	Front	96	0	Added	
A1	KA-6030	7.9	11.7	122	1	b	Behind	96	0	Added	
R4	CBC78T-DS-43-2X	6.4	6.9	122	1	a	Behind	72	0	Retained	
R5	B2/B66A RRH-BR049 (RFV01U-D1A)	15	15	122	1	a	Behind	54	0	Retained	
R6	B5/B13 RRH-BR04C (RFV01U-D2A)	15	15	74	2	a	Behind	54	0	Retained	
R3	MT6407-77A	35.1	16.1	50	3	a	Front	51	0	Retained	

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: R-602

REVISION: 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.

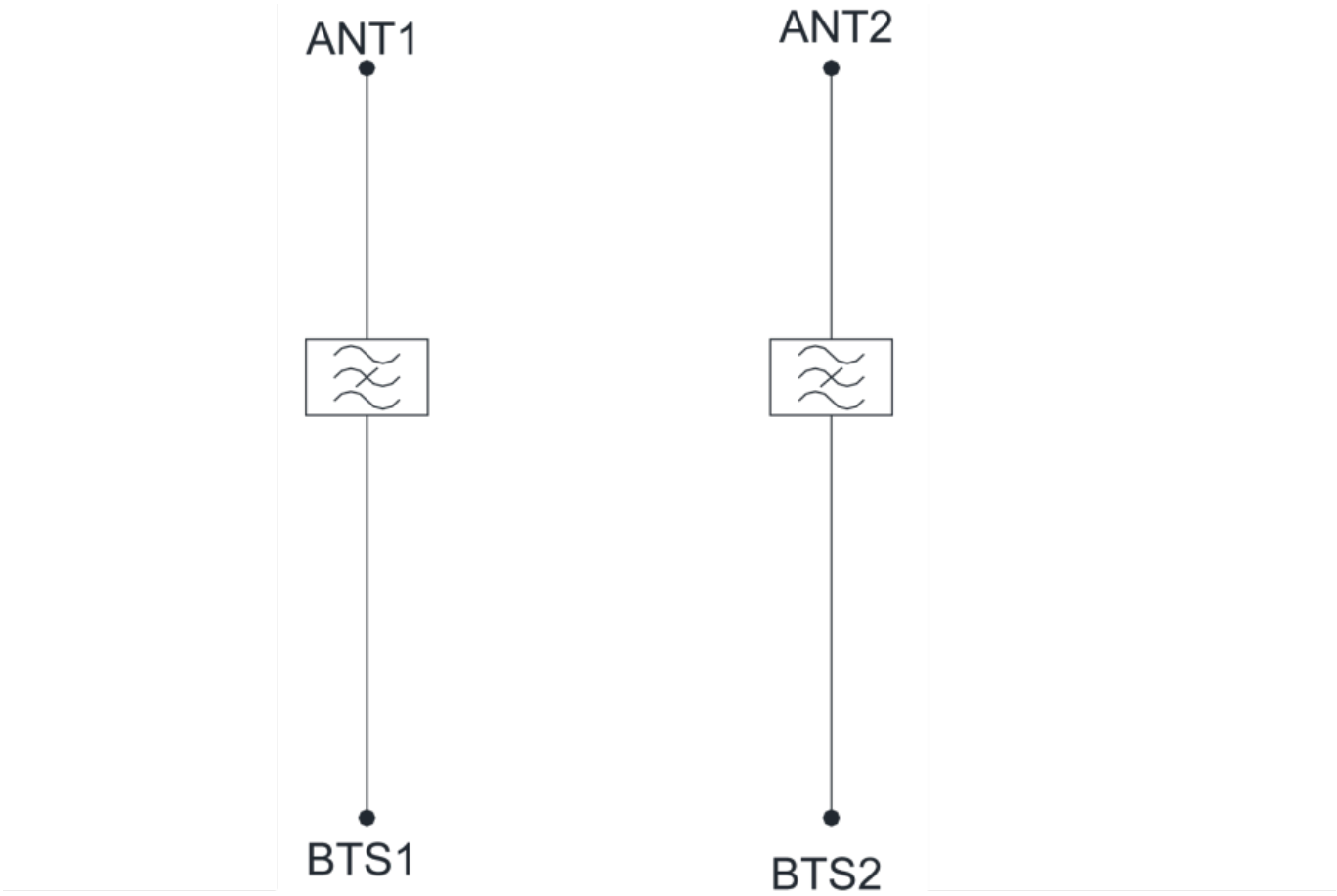
Contact Us: +1 303 768 8080 | +61 (0) 7 3907 1200 | www.kaelus.com

ORDERING INFORMATION

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

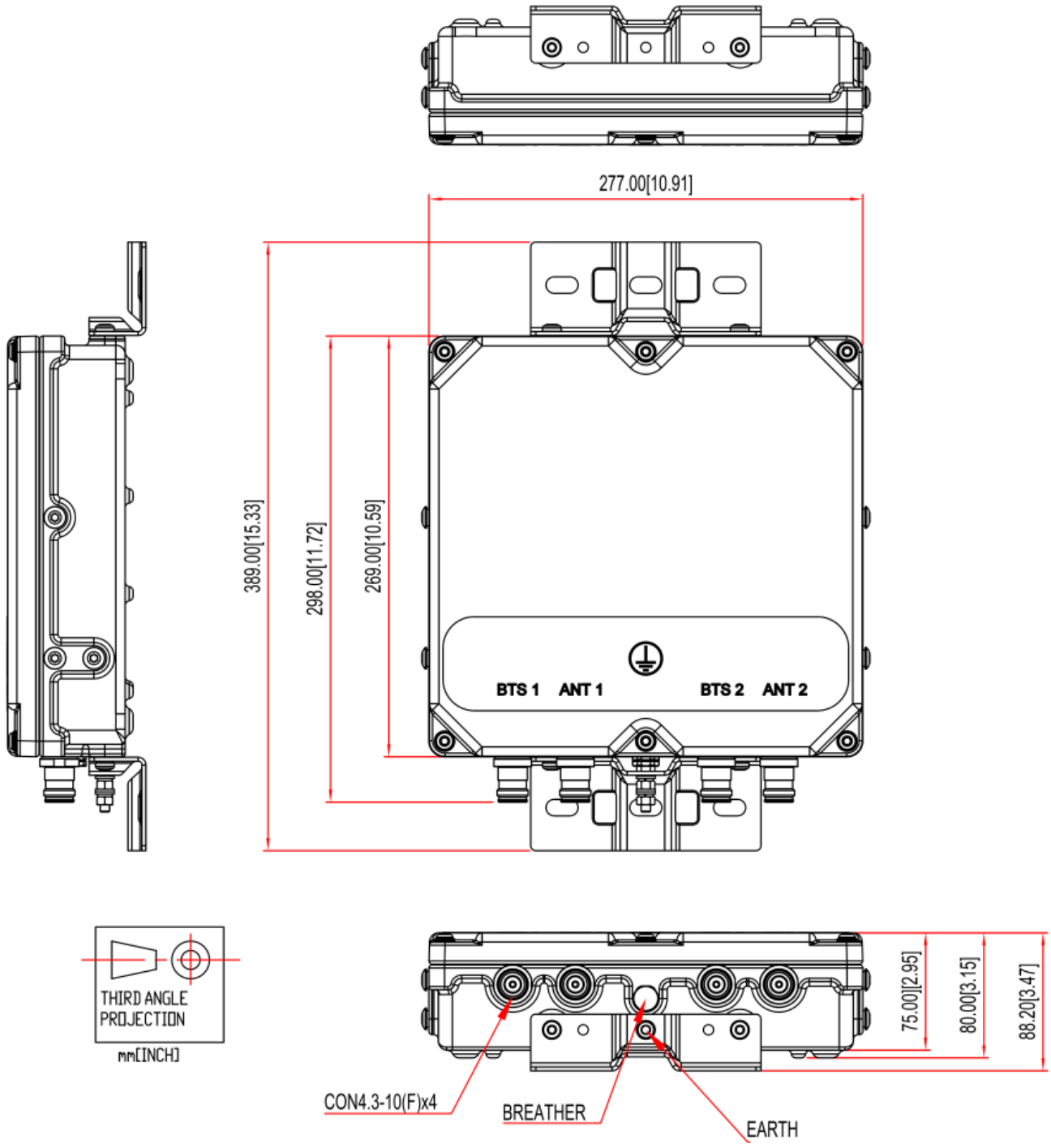
Contact Us: +1 303 768 8080 | +61 (0) 7 3907 1200 | www.kaelus.com

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

85 MINER LANE

Location	85 MINER LANE	**Mblu**	153/ / 4766/ /
Acct#	00433700	**Owner**	WATERFORD TOWN OF
Assessment	$290,910	**Appraisal**	$415,570
PID	4766	**Building Count**	1

Current Value

Appraisal			
Valuation Year	**Improvements**	**Land**	**Total**
2022	$25,190	$390,380	$415,570
Assessment			
Valuation Year	**Improvements**	**Land**	**Total**
2022	$17,640	$273,270	$290,910

Parcel Addreses

Additional Addresses
No Additional Addresses available for this parcel

Owner of Record

Owner	WATERFORD TOWN OF	**Sale Price**	$0
Co-Owner		**Certificate**	
		Book & Page	0259/0774
		Sale Date	05/14/1981
		Instrument	00

Ownership History

Ownership History					
Owner	**Sale Price**	**Certificate**	**Book & Page**	**Instrument**	**Sale Date**
WATERFORD TOWN OF	$0		0259/0774	00	05/14/1981

Building Information

Building 1 : Section 1

Year Built:
Living Area: 0
Replacement Cost: $0
Building Percent Good:

Building Attributes	
Field	**Description**
Style	Outbuildings
Model	
Grade:	
Stories	
Occupancy	
Exterior Wall 1	
Exterior Wall 2	
Roof Structure	
Roof Cover	
Interior Wall 1	
Interior Wall 2	
Interior Flr 1	
Interior Flr 2	
Heat Fuel	
Heat Type:	
AC %	
Total Bedrooms:	
Full Bthrms:	
Half Baths:	
Extra Fixtures	
Total Rooms:	
Bath Style:	
Kitchen Style:	
Num Kitchens	
Fireplace(s)	
Extra Opening(s)	
Gas Fireplace(s)	
% Attic Fin	
LF Dormer	
Foundation	
Bsmt Gar(s)	
Bsmt %	
SF FBM	
SF Rec Rm	

Building Photo

(https://images.vgsi.com/photos/WaterfordCTPhotos//\00\01\65\33.jpg)

Building Layout

Building Layout
(https://images.vgsi.com/photos/WaterfordCTPhotos//Sketches/4766_4766

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

Fin Bsmt Qual	
Bsmt Access	

Extra Features

Extra Features	Legend
No Data for Extra Features	

Land

Land Use

Use Code	900
Description	Exempt Vac
Zone	R-40
Neighborhood	1100
Alt Land Appr	No
Category	

Land Line Valuation

Size (Acres)	25.67
Frontage	0
Depth	0
Assessed Value	$273,270
Appraised Value	$390,380

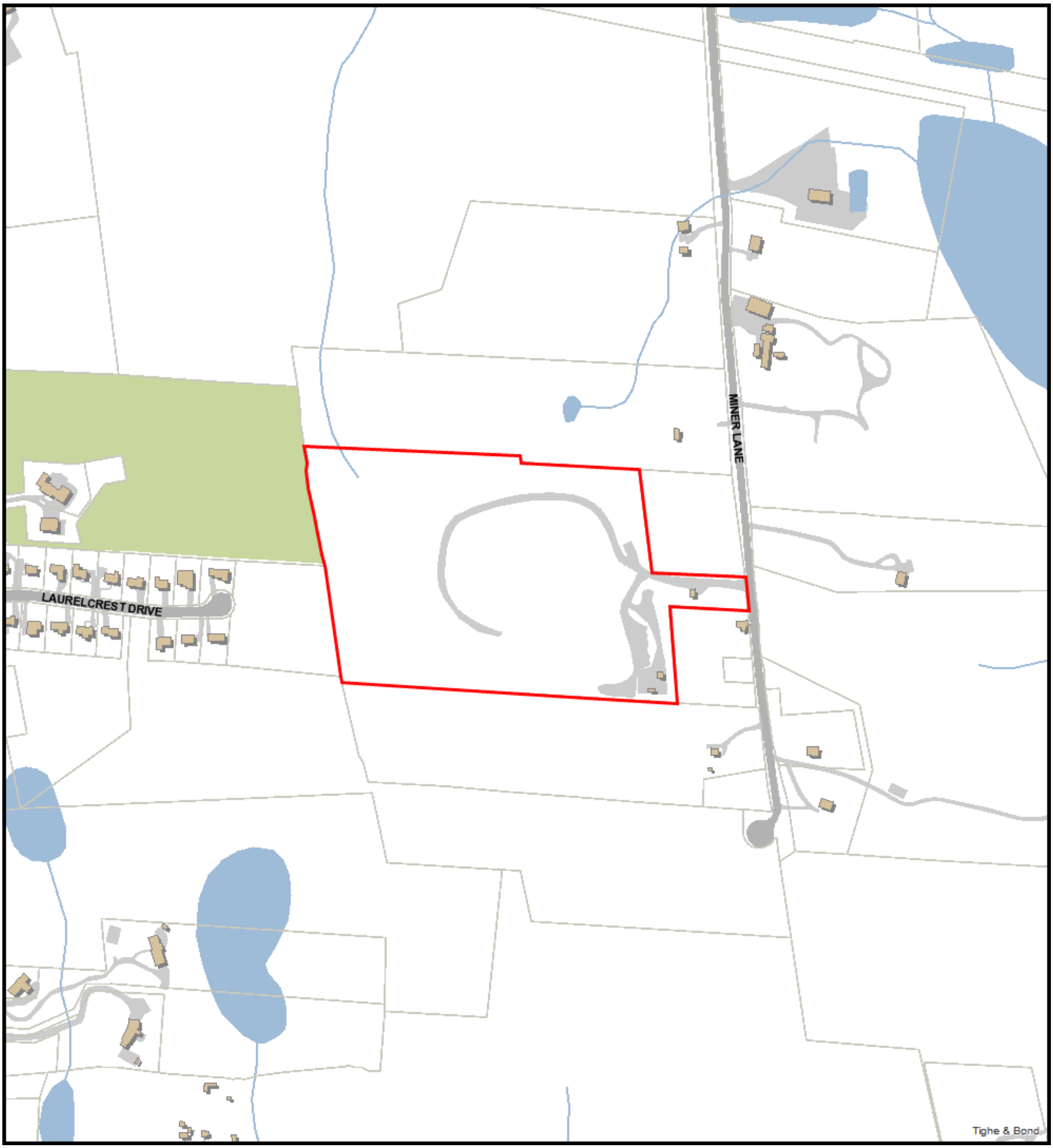
Outbuildings

Outbuildings						Legend
Code	**Description**	**Sub Code**	**Sub Description**	**Size**	**Value**	**Bldg #**
SHD1	Shed	MS	Masonry	400.00 S.F.	$5,760	1
SHD1	Shed	FR	Frame	480.00 S.F.	$10,580	1
MSC14	RADIO TOWER			200.00 UNIT	$200	1
FN3	FENCE-6' CHAIN			96.00 L.F.	$770	1
SHP	Work Shop	MS	Masonry	240.00 S.F.	$7,880	1

Valuation History

Appraisal			
Valuation Year	**Improvements**	**Land**	**Total**
2022	$25,190	$390,380	$415,570
2021	$224,800	$340,780	$565,580

Assessment			
Valuation Year	**Improvements**	**Land**	**Total**
2022	$17,640	$273,270	$290,910
2021	$157,370	$238,550	$395,920



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Scale: 1"=500'

Scale is approximate

The information depicted on this map is for planning purposes only. It is not adequate for legal boundary definition, regulatory interpretation, or parcel-level analyses.

EXHIBIT 3

AMERICAN TOWER®
CORPORATION

Structural Analysis Report

Structure	:	180 ft Monopole
ATC Asset Name	:	WATERFORD REBUILD CT
ATC Asset Number	:	310972
Engineering Number	:	14519689_C3_02
Proposed Carrier	:	VERIZON WIRELESS
Carrier Site Name	:	WATERFORD SE CT
Carrier Site Number	:	5000094194
Site Location	:	15 Miner Lane Waterford, CT 06385-3016 41.329° N, 72.1246° W
County	:	New London
Date	:	August 4, 2023
Max Usage	:	62%
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 180 ft Monopole tower to reflect the change in loading by VERIZON WIRELESS.

Supporting Documents

Tower:	FWT Job #23766000, dated July 18, 2001
Foundation:	ATC Job #42693971, dated December 8, 2008
Geotechnical:	Tower Engineering Professionals Project #082973.01, dated November 7, 2008
Modification:	ATC Job #442108F2, dated November 9, 2009

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:	127 mph (3-second gust)
Basic Wind Speed w/ Ice:	50 mph (3-second gust) w/ 1.00" radial ice concurrent
Code(s):	ANSI/TIA-222-H / 2021 IBC / 2022 Connecticut State Building Code
Exposure Category:	B
Risk Category:	II
Topographic Factor Procedure:	Method 1
Topographic Category:	1
Spectral Response:	Ss = 0.19, 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	61.6%	1.2D + 1.0W	Pass
Lower Flange Plate @ 148.7 ft	22.8%	Bolts	Pass
Base Plate @ 0.0 ft	57.1%	Rods	Pass
Pier	58.2%	Moment [Soil]	Pass

Maximum Reactions

Foundation	Moment (k-ft)	Axial (k)	Shear (k)
Monopole Base	4,405.9	72.6	35.3

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
160.0	1	Platform with Handrails	(12) 1 5/8" Coax (2) 1 5/8" Hybriflex
	2	Kaelus KA-6030	
	2	Raycap RRFDC-3315-PF-48	
	3	Commscope CBC78T-DS-43-2X	
	3	Samsung B2/B66A RRH ORAN (RF 4439d-25A)	
	3	Samsung B5/B13 RRH ORAN (RF4440d-13A)	
	3	Samsung MT6407-77A	
	6	Commscope JAHH-65B-R3B	

Other Existing/Reserved Loading

Elev (ft)	Qty	Equipment	Lines	Carrier
177.0	1	Platform with Handrails	(1) 1.75" (44.5mm) Hybrid	DISH WIRELESS L.L.C.
	1	Raycap RDIDC-9181-PF-48		
	3	Fujitsu TA08025-B604		
	3	Fujitsu TA08025-B605		
	3	JMA Wireless MX08FRO665-21		
156.7	3	Ericsson RRUS 32 B30 (60 lbs)	-	AT&T MOBILITY
156.0	3	Ericsson RRUS 11 (Band 12)	-	AT&T MOBILITY
155.0	3	Ericsson AIR 6449 B77D/ C-Band	(2) 0.39" (10mm) Fiber Trunk (4) 0.78" (19.7mm) 8 AWG 6 (1) 2" Carflex Non-Metallic Conduit	AT&T MOBILITY
154.9	1	Raycap DC6-48-60-18-8F	-	AT&T MOBILITY
154.5	1	Raycap DC6-48-60-18-8C	-	AT&T MOBILITY
154.3	3	Ericsson RRUS 32 B2	-	AT&T MOBILITY
154.2	1	Raycap DC6-48-60-18-8F ("Squid")	-	AT&T MOBILITY
	3	Ericsson RRUS 32 B66A		
154.0	3	Ericsson RRUS 4478 B14 (15")	(2) 2" conduit	AT&T MOBILITY
153.3	6	Commscope SBNHH-1D65A	-	AT&T MOBILITY
	6	Powerwave Allgon LGP17201		
153.0	1	Platform w/ Handrails	(2) 0.41" (10.3mm) Fiber (1) 0.92" (23.4mm) Cable (2) 0.96" (24.3mm) Cable (12) 1 1/4" Coax	AT&T MOBILITY
	1	Raycap DC9-48-60-24-8C-EV		
	3	Ericsson RRUS 4449 B5, B12		
	3	Ericsson RRUS E2 B29		
	3	Mount Reinforcement		
	3	Kathrein Scala 80010965		
	3	Quintel QD6616-7		
	6	Andrew APTDC-BDFDM-DBW		
152.9	3	Powerwave Allgon 7770.00	-	AT&T MOBILITY
151.0	3	Ericsson AIR 6419 B77G	-	AT&T MOBILITY
150.6	3	Powerwave Allgon 7020.00 Dual Band RET	-	AT&T MOBILITY
130.0	1	Platform with Handrails	(4) 1 5/8" Hybriflex	T-MOBILE
	3	Ericsson 4424 B25		
	3	Ericsson Air6449 B41		
	3	Ericsson RRUS 4415 B66		
	3	Ericsson Radio 2212 B13		
	3	Ericsson Radio 4449 B71 B85A		
	3	Mount Reinforcement		
	3	RFS APX16DWV-16DWVS-E-A20		

Elev (ft)	Qty	Equipment	Lines	Carrier
	3	RFS APXVAARR24_43-U-NA20		

(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.

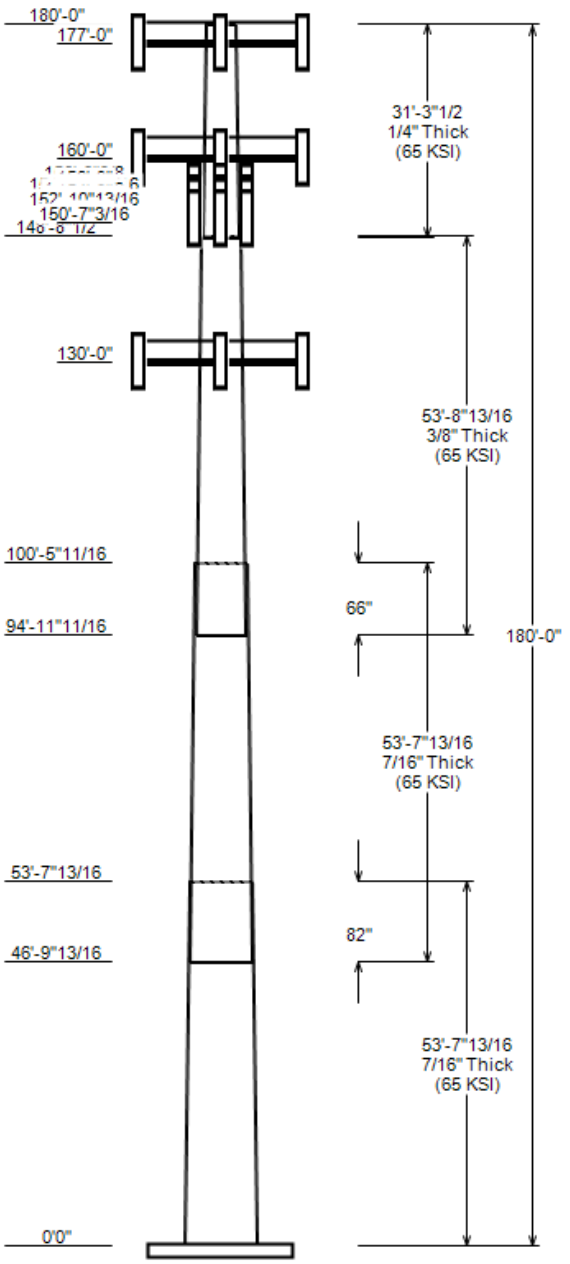
All services are performed, results obtained, and recommendations made in accordance with generally accepted engineering principles and practices. A.T. Engineering Services LLC is not responsible for the conclusions, opinions and recommendations made by others based on the information supplied herein.

ANALYSIS PARAMETERS

Nominal Wind:	127 mph	**Ice Wind:**	50 mph w/ 1" ice	**Service Wind:**	60 mph
Risk Category:	II	**Exposure:**	B	**S_s:** 0.191	**S_1:** 0.052
Topo Category:	1	**Topo Factor:**	Method 1	**Topo Feature:**	
Structure Height:	180 ft	**Base Elevation:**	0.00 ft	**Structure Type:**	Custom
Base Diameter:	62.45 in	**Base Rotation:**	0°	**Taper:**	0.2290 (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	53.653	50.18	62.45	0.438		0.000	18 Sides	65
2	53.653	40.36	52.62	0.438	Slip Joint	82.000	18 Sides	65
3	53.736	30.08	42.36	0.375	Slip Joint	66.000	18 Sides	65
4	31.292	23.40	30.44	0.250	Butt Joint	0.000	18 Sides	65



DISCRETE APPURTENANCE

Elev (ft)	Description
177.0	(1) Raycap RDIDC-9181-PF-48
177.0	(3) Fujitsu TA08025-B604
177.0	(3) Fujitsu TA08025-B605
177.0	(3) JMA Wireless MX08FRO665-21
177.0	(1) Generic Round Platform with Ha
160.0	(3) Commscope CBC78T-DS-43-2X
160.0	(2) Kaelus KA-6030
160.0	(3) Samsung B2/B66A RRH ORAN (RF 4
160.0	(3) Samsung B5/B13 RRH ORAN (RF444
160.0	(2) Raycap RRFDC-3315-PF-48
160.0	(3) Samsung MT6407-77A
160.0	(6) Commscope JAHH-65B-R3B
160.0	(1) Generic Round Platform with Ha
156.7	(3) Ericsson RRUS 32 B30 (60 lbs)
156.0	(3) Ericsson RRUS 11 (Band 12)
155.0	(3) Ericsson AIR 6449 B77D/ C-Band
154.9	(1) Raycap DC6-48-60-18-8F
154.5	(1) Raycap DC6-48-60-18-8C
154.3	(3) Ericsson RRUS 32 B2
154.2	(1) Raycap DC6-48-60-18-8F ("Squid
154.2	(3) Ericsson RRUS 32 B66A
154.0	(3) Ericsson RRUS 4478 B14 (15")
153.3	(6) Powerwave Allgon LGP17201
153.3	(6) Commscope SBNHH-1D65A
153.0	(6) Andrew APTDC-BDFDM-DBW
153.0	(1) Raycap DC9-48-60-24-8C-EV
153.0	(3) Ericsson RRUS 4449 B5, B12
153.0	(3) Ericsson RRUS E2 B29
153.0	(3) Generic Mount Reinforcement
153.0	(3) Quintel QD6616-7
153.0	(3) Kathrein Scala 80010965
153.0	(1) Flat Platform w/ Round Handrai
152.9	(3) Powerwave Allgon 7770.00
151.0	(3) Ericsson AIR 6419 B77G
150.6	(3) Powerwave Allgon 7020.00 Dual
130.0	(3) Ericsson RRUS 4415 B66
130.0	(3) Ericsson Radio 4449 B71 B85A
130.0	(3) Ericsson Radio 2212 B13
130.0	(3) Ericsson 4424 B25
130.0	(3) Generic Mount Reinforcement
130.0	(3) Ericsson Air6449 B41
130.0	(3) RFS APX16DWV-16DWVS-E-A20
130.0	(3) RFS APXVAARR24_43-U-NA20
130.0	(1) Generic Round Platform with Ha

LINEAR APPURTENANCE

Elev To (ft)	Description
177.0	(1) 1.75" (44.5mm) Hybrid
160.0	(2) 1 5/8" Hybriflex
160.0	(12) 1 5/8" Coax
157.0	(1) 2" conduit
157.0	(2) 0.78" (19.7mm) 8 AWG 6
155.0	(1) 2" Carflex Non-Metallic Conduit
155.0	(4) 0.78" (19.7mm) 8 AWG 6
155.0	(2) 0.39" (10mm) Fiber Trunk
154.0	(2) 2" conduit
153.0	(12) 1 1/4" Coax
153.0	(2) 0.96" (24.3mm) Cable
153.0	(1) 0.92" (23.4mm) Cable
153.0	(2) 0.41" (10.3mm) Fiber
130.0	(4) 1 5/8" Hybriflex

GLOBAL BASE REACTIONS

Load Case	Moment (kip-ft)	Axial (kip)	Shear (kip)
1.2D + 1.0W	4405.88	72.57	35.25
0.9D + 1.0W	4342.80	54.42	35.23
1.2D + 1.0Di + 1.0Wi	1045.67	93.02	8.44
1.2D + 1.0Ev + 1.0Eh	266.81	73.00	1.82
0.9D - 1.0Ev + 1.0Eh	261.95	50.55	1.82
1.0D + 1.0W	872.08	60.51	7.04

ANALYSIS PARAMETERS

Location:	New London County,CT	**Height:**	180 ft
Type and Shape:	Custom, 18 Sides	**Base Diameter:**	62.45 in
Manufacturer:	FWT	**Top Diameter:**	23.40 in
K_d (non-service):	0.95	**Taper:**	0.2290 in/ft
K_e:	1.00	**Rotation:**	0.000º

ICE & WIND PARAMETERS

Risk Category:	II	**Design Wind Speed:**	127 mph
Exposure Category:	B	**Design Wind Speed w/ Ice:**	50 mph
Topo Factor Procedure:	Method 1	**Design Ice Thickness:**	1.00 in
Topographic Category:	1	**Service Wind Speed:**	60 mph
Crest Height:	0 ft	**HMSL:**	94.00 ft

SEISMIC PARAMETERS

Analysis Method:	Equivalent Lateral Force Method				
Site Class:	D - Stiff Soil		**Period Based on Rayleigh Method (sec):**		2.82
T_L (sec):	6	**P:**	1	**C_s:**	0.030
S_s:	0.191	**S_1:**	0.052	**C_s Max:**	0.030
F_a:	1.600	**F_v:**	2.400	**C_s Min:**	0.030
S_{ds}:	0.204	**S_{d1}:**	0.083		

LOAD CASES

1.2D + 1.0W	127 mph Wind with No Ice
0.9D + 1.0W	127 mph Wind with No Ice (Reduced DL)
1.2D + 1.0Di + 1.0Wi	50 mph Wind with 1" Radial Ice
1.2D + 1.0Ev + 1.0Eh	Seismic
0.9D - 1.0Ev + 1.0Eh	Seismic (Reduced DL)
1.0D + 1.0W	60 mph Wind with No Ice

SHAFT SECTION PROPERTIES

							Bottom						Top						
Section	Length (ft)	Thick (in)	Fy (ksi)	Joint Type	Joint Len (in)	Weight (lb)	Dia (in)	Elev (ft)	Area (in^2)	Ix (in^4)	W/t Ratio	D/t Ratio	Dia (in)	Elev (ft)	Area (in^2)	Ix (in^4)	W/t Ratio	D/t Ratio	Taper (in/ft)
1-18	53.65	0.4375	65		0.00	14,166	62.45	-0.003	86.11	41,837.0	23.41	142.74	50.18	53.65	69.08	21,599.	18.46	114.71	0.2286
2-18	53.65	0.4375	65	Slip	82.00	11,675	52.62	46.817	72.46	24,931.5	19.45	120.28	40.36	100.47	55.43	11,160.	14.50	92.24	0.2286
3-18	53.74	0.3750	65	Slip	66.00	7,802	42.36	94.974	49.98	11,132.5	18.16	112.97	30.08	148.71	35.36	3,941.6	12.38	80.21	0.2286
4-18	31.29	0.2500	65	Butt	0.00	2,253	30.44	148.708	23.95	2,757.8	19.70	121.75	23.40	180.00	18.37	1,243.8	14.74	93.60	0.2249
			Total Shaft Weight			**35,896**													

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
177.00	Fujitsu TA08025-B605	3	0.75	0.000	75.00	1.962	0.50	117.52	2.586	0.50
177.00	JMA Wireless MX08FRO665-21	3	0.75	0.000	64.50	12.489	0.64	238.97	14.397	0.64
177.00	Raycap RDIDC-9181-PF-48	1	0.75	0.000	21.90	1.867	0.50	60.45	2.478	0.50
177.00	Fujitsu TA08025-B604	3	0.75	0.000	63.90	1.962	0.50	103.49	2.586	0.50
177.00	Generic Round Platform with Ha	1	1.00	0.000	2500.00	27.200	1.00	3599.47	43.793	1.00
160.00	Commscope JAHH-65B-R3B	6	0.75	0.000	60.60	9.113	0.69	196.48	10.976	0.69
160.00	Samsung MT6407-77A	3	0.75	0.000	81.60	4.709	0.61	150.06	5.729	0.61
160.00	Raycap RRFDC-3315-PF-48	2	0.75	0.000	26.90	2.512	0.67	80.41	3.211	0.67
160.00	Samsung B2/B66A RRH ORAN (RF 4	3	0.75	0.000	74.70	1.875	0.50	117.62	2.479	0.50
160.00	Generic Round Platform with Ha	1	1.00	0.000	2500.00	27.200	1.00	3587.91	43.618	1.00
160.00	Kaelus KA-6030	2	0.75	0.000	17.60	0.963	0.50	33.44	1.402	0.50
160.00	Commscope CBC78T-DS-43-2X	3	0.75	0.000	20.70	0.552	0.50	35.54	0.893	0.50
160.00	Samsung B5/B13 RRH ORAN (RF444	3	0.75	0.000	70.30	1.875	0.50	111.88	2.481	0.50
156.70	Ericsson RRUS 32 B30 (60 lbs)	3	0.75	3.000	60.00	2.692	0.50	107.67	3.467	0.50
156.00	Ericsson RRUS 11 (Band 12)	3	0.75	0.000	50.00	2.566	0.67	95.70	3.268	0.67
155.00	Ericsson AIR 6449 B77D/ C-Band	3	0.75	0.000	81.60	4.028	0.70	159.67	4.948	0.70
154.90	Raycap DC6-48-60-18-8F	1	0.75	3.000	20.00	1.260	0.50	55.28	1.701	0.50
154.50	Raycap DC6-48-60-18-8C	1	0.75	0.000	16.00	2.030	1.00	55.00	2.539	1.00
154.30	Ericsson RRUS 32 B2	3	0.75	3.000	53.00	2.743	0.50	102.27	3.526	0.50
154.20	Raycap DC6-48-60-18-8F ("Squid	1	0.75	0.000	18.90	1.470	0.50	60.24	1.938	0.50
154.20	Ericsson RRUS 32 B66A	3	0.75	3.000	50.70	2.720	0.50	99.79	3.499	0.50
154.00	Ericsson RRUS 4478 B14 (15")	3	0.75	3.000	59.40	1.650	0.50	92.68	2.217	0.50
153.30	Powerwave Allgon LGP17201	6	0.75	0.000	31.00	1.668	0.50	56.53	2.237	0.50
153.30	Commscope SBNHH-1D65A	6	0.75	0.000	33.50	5.883	0.69	124.11	7.307	0.69
153.00	Kathrein Scala 80010965	3	0.75	0.000	97.60	13.814	0.62	276.05	15.856	0.62
153.00	Quintel QD6616-7	3	0.75	0.000	130.00	13.578	0.64	325.80	15.477	0.64
153.00	Generic Mount Reinforcement	3	0.75	0.000	200.00	4.980	0.67	329.54	8.308	0.67
153.00	Ericsson RRUS E2 B29	3	0.75	0.000	60.00	3.145	0.62	114.14	3.921	0.62
153.00	Flat Platform w/ Round Handrai	1	1.00	0.000	2500.00	34.800	1.00	3665.74	51.027	1.00
153.00	Raycap DC9-48-60-24-8C-EV	1	0.75	0.000	16.00	1.010	1.00	46.18	1.385	1.00
153.00	Andrew APTDC-BDFDM-DBW	6	0.75	0.000	1.30	0.102	0.50	3.75	0.259	0.50
153.00	Ericsson RRUS 4449 B5, B12	3	0.75	0.000	71.00	1.969	0.50	114.14	2.593	0.50
152.90	Powerwave Allgon 7770.00	3	0.75	0.000	35.00	5.508	0.65	111.04	6.930	0.65
151.00	Ericsson AIR 6419 B77G	3	0.75	0.000	66.10	3.797	0.65	130.95	4.677	0.65
150.60	Powerwave Allgon 7020.00 Dual	3	0.75	0.000	2.20	0.339	0.50	9.03	0.612	0.50
130.00	RFS APXVAARR24_43-U-NA20	3	0.75	0.000	127.90	20.243	0.63	385.93	22.681	0.63
130.00	RFS APX16DWV-16DWVS-E-A20	3	0.75	0.000	40.70	6.586	0.60	117.48	8.009	0.60
130.00	Ericsson Air6449 B41	3	0.75	0.000	104.00	5.682	0.63	193.57	6.725	0.63
130.00	Generic Mount Reinforcement	3	0.75	0.000	200.00	4.980	0.67	327.20	8.248	0.67
130.00	Generic Round Platform with Ha	1	1.00	0.000	2500.00	27.200	1.00	3564.59	43.266	1.00
130.00	Ericsson Radio 2212 B13	3	0.75	1.400	42.80	1.856	0.50	76.14	2.447	0.50
130.00	Ericsson Radio 4449 B71 B85A	3	0.75	0.000	75.00	1.650	0.50	114.53	2.208	0.50
130.00	Ericsson RRUS 4415 B66	3	0.75	0.000	46.00	1.650	0.50	74.46	2.208	0.50
130.00	Ericsson 4424 B25	3	0.75	0.000	86.00	2.052	0.50	133.92	2.672	0.50
Totals	**Row Count: 44**	**124**			**17,509.30**			**30,308.12**		

LINEAR APPURTENANCE PROPERTIES

Load Case Azimuth (deg): 0.00

Elev	Elev	Qty	Description	Diameter	Weight	Flat	Max/	Distance	Distance	Azimuth	Distance	Exposed	Carrier

From (ft)	To (ft)			(in)	(lb/ft)		Row	Between Rows(in)	Between Cols(in)	(deg)	From Face (in)	To Wind	
0.00	177.00	1	1.75" (44.5mm) Hybrid	1.75	2.72	N	0	0	0	0	0	N	DISH WIRELESS L.L.C.
0.00	160.00	12	1 5/8" Coax	1.98	0.82	N	0	0	0	0	0	N	VERIZON WIRELESS
0.00	160.00	2	1 5/8" Hybriflex	1.98	1.3	N	0	0	0	0	0	N	VERIZON WIRELESS
0.00	157.00	2	0.78" (19.7mm) 8 AWG	0.78	0.59	N	0	0	0	0	0	N	AT&T MOBILITY
0.00	157.00	1	2" conduit	2.38	3.65	N	0	0	0	0	0	N	AT&T MOBILITY
0.00	155.00	4	0.78" (19.7mm) 8 AWG	0.78	0.59	N	0	0	0	0	0	N	AT&T MOBILITY
0.00	155.00	2	0.39" (10mm) Fiber Tr	0.39	0.06	N	0	0	0	0	0	N	AT&T MOBILITY
0.00	155.00	1	2" Carflex Non-Metall	2.36	0.68	N	0	0	0	0	0	N	AT&T MOBILITY
0.00	154.00	2	2" conduit	2.38	3.65	N	0	0	0	0	0	N	AT&T MOBILITY
0.00	153.00	12	1 1/4" Coax	1.55	0.63	N	0	0	0	0	0	N	AT&T MOBILITY
0.00	153.00	2	0.96" (24.3mm) Cable	0.96	0.88	N	0	0	0	0	0	N	AT&T MOBILITY
0.00	153.00	2	0.41" (10.3mm) Fiber	0.41	0.09	N	0	0	0	0	0	N	AT&T MOBILITY
0.00	153.00	1	0.92" (23.4mm) Cable	0.92	0.89	N	0	0	0	0	0	N	AT&T MOBILITY
0.00	130.00	4	1 5/8" Hybriflex	1.98	1.3	N	0	0	0	0	0	N	T-MOBILE

SEGMENT PROPERTIES

Seg Top Elev (ft)	Description *(Max Length: 5 ft)*	Thick (in)	Flat Dia (in)	Area (in^2)	Ix (in^4)	W/t Ratio	D/t Ratio	F'y (ksi)	S (in^3)	Z (in^3)	Weight (lb)
0.00		0.4375	62.450	86.109	41,837.00	23.41	142.74	73.9	1319.5	0.0	0.0
5.00		0.4375	61.307	84.522	39,566.00	22.95	140.13	74.4	1271.1	0.0	1,451.5
10.00		0.4375	60.164	82.935	37,378.70	22.48	137.52	75	1223.7	0.0	1,424.5
15.00		0.4375	59.021	81.348	35,273.50	22.02	134.91	75.5	1177.1	0.0	1,397.5
20.00		0.4375	57.878	79.760	33,248.90	21.56	132.29	76	1131.5	0.0	1,370.5
25.00		0.4375	56.735	78.173	31,303.30	21.10	129.68	76.6	1086.7	0.0	1,343.5
30.00		0.4375	55.592	76.586	29,435.10	20.64	127.07	77.1	1042.9	0.0	1,316.5
35.00		0.4375	54.449	74.999	27,642.70	20.18	124.45	77.7	999.9	0.0	1,289.5
40.00		0.4375	53.306	73.412	25,924.70	19.72	121.84	78.2	957.9	0.0	1,262.5
45.00		0.4375	52.163	71.825	24,279.30	19.26	119.23	78.7	916.8	0.0	1,235.5
46.82	Bot - Section 2	0.4375	51.747	71.247	23,698.30	19.09	118.28	78.9	902.0	0.0	442.9
50.00		0.4375	51.020	70.238	22,705.10	18.80	116.62	79.3	876.5	0.0	1,544.4
53.65	Top - Section 1	0.4375	51.060	70.293	22,759.00	18.82	116.71	79.3	877.9	0.0	1,746.7
55.00		0.4375	50.752	69.865	22,346.10	18.69	116.00	79.4	867.2	0.0	321.3
60.00		0.4375	49.609	68.278	20,857.50	18.23	113.39	80	828.1	0.0	1,175.2
65.00		0.4375	48.466	66.691	19,436.60	17.77	110.78	80.5	789.9	0.0	1,148.2
70.00		0.4375	47.323	65.104	18,081.70	17.31	108.17	81	752.6	0.0	1,121.2
75.00		0.4375	46.180	63.517	16,791.20	16.85	105.55	81.6	716.2	0.0	1,094.2
80.00		0.4375	45.037	61.930	15,563.70	16.39	102.94	82.1	680.7	0.0	1,067.2
85.00		0.4375	43.894	60.343	14,397.50	15.93	100.33	82.6	646.0	0.0	1,040.2
90.00		0.4375	42.751	58.755	13,291.00	15.47	97.72	82.6	612.3	0.0	1,013.2
94.97	Bot - Section 3	0.4375	41.614	57.177	12,248.50	15.01	95.12	82.6	579.7	0.0	980.8
95.00		0.4375	41.608	57.168	12,242.80	15.01	95.10	82.6	579.5	0.0	10.1
100.00		0.4375	40.465	55.581	11,251.20	14.55	92.49	82.6	547.6	0.0	1,797.7
100.47	Top - Section 2	0.3750	41.107	48.480	10,162.10	17.57	109.62	80.7	486.9	0.0	167.2
105.00		0.3750	40.072	47.248	9,406.90	17.08	106.86	81.3	462.4	0.0	737.4
110.00		0.3750	38.929	45.887	8,617.60	16.54	103.81	81.9	436.0	0.0	792.3
115.00		0.3750	37.786	44.527	7,873.60	16.00	100.76	82.6	410.4	0.0	769.1
120.00		0.3750	36.643	43.166	7,173.80	15.47	97.71	82.6	385.6	0.0	746.0
125.00		0.3750	35.500	41.806	6,516.70	14.93	94.67	82.6	361.6	0.0	722.9
130.00		0.3750	34.357	40.446	5,901.00	14.39	91.62	82.6	338.3	0.0	699.7
135.00		0.3750	33.214	39.085	5,325.30	13.85	88.57	82.6	315.8	0.0	676.6
140.00		0.3750	32.071	37.725	4,788.40	13.32	85.52	82.6	294.1	0.0	653.4
145.00		0.3750	30.928	36.364	4,288.80	12.78	82.47	82.6	273.1	0.0	630.3
148.71	Top - Section 3	0.3750	30.080	35.355	3,941.60	12.38	80.21	82.6	258.1	0.0	452.5
148.71	Bot - Section 4	0.2500	30.438	23.953	2,757.80	19.70	121.75	78.2	178.5	0.0	
150.00		0.2500	30.147	23.722	2,679.00	19.50	120.59	78.5	175.0	0.0	104.8
150.60		0.2500	30.012	23.615	2,642.90	19.40	120.05	78.6	173.4	0.0	48.3
151.00		0.2500	29.922	23.544	2,619.00	19.34	119.69	78.7	172.4	0.0	32.1
152.90		0.2500	29.495	23.205	2,507.40	19.04	117.98	79	167.4	0.0	151.1
153.00		0.2500	29.472	23.187	2,501.70	19.02	117.89	79	167.2	0.0	7.9
153.30		0.2500	29.405	23.134	2,484.40	18.98	117.62	79.1	166.4	0.0	23.6
154.00		0.2500	29.247	23.009	2,444.30	18.87	116.99	79.2	164.6	0.0	55.0

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)
154.20			0.2500	29.202	22.973	2,433.00	18.83	116.81	79.2	164.1	0.0	15.6
154.30			0.2500	29.180	22.955	2,427.30	18.82	116.72	79.3	163.8	0.0	7.8
154.50			0.2500	29.135	22.919	2,416.00	18.79	116.54	79.3	163.3	0.0	15.6
154.90			0.2500	29.045	22.848	2,393.50	18.72	116.18	79.4	162.3	0.0	31.1
155.00			0.2500	29.023	22.830	2,387.90	18.71	116.09	79.4	162.1	0.0	7.8
156.00			0.2500	28.798	22.652	2,332.30	18.55	115.19	79.6	159.5	0.0	77.4
156.70			0.2500	28.640	22.527	2,294.00	18.44	114.56	79.7	157.8	0.0	53.8
160.00			0.2500	27.898	21.938	2,118.70	17.91	111.59	80.3	149.6	0.0	249.7
165.00			0.2500	26.774	21.046	1,870.60	17.12	107.09	81.3	137.6	0.0	365.7
170.00			0.2500	25.649	20.153	1,642.60	16.33	102.60	82.2	126.1	0.0	350.5
175.00			0.2500	24.525	19.261	1,434.00	15.53	98.10	82.6	115.2	0.0	335.3
177.00			0.2500	24.075	18.904	1,355.70	15.22	96.30	82.6	110.9	0.0	129.9
180.00			0.2500	23.400	18.369	1,243.80	14.74	93.60	82.6	104.7	0.0	190.2
											Total:	**35,895.4**

CALCULATED FORCES

Load Case: 1.2D + 1.0W — 127 mph Wind with No Ice — 27 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	-72.57	-35.25	0.00	-4,405.9	0.00	4,405.88	5,724.86	1,511.21	8,464.29	7,310.45	0	0	0.616
5.00	-70.46	-34.86	0.00	-4,229.6	0.00	4,229.62	5,660.55	1,483.36	8,155.18	7,094.17	0.08	-0.15	0.609
10.00	-68.39	-34.47	0.00	-4,055.3	0.00	4,055.31	5,594.70	1,455.50	7,851.81	6,879.04	0.31	-0.3	0.602
15.00	-66.35	-34.09	0.00	-3,882.9	0.00	3,882.94	5,527.30	1,427.65	7,554.20	6,665.16	0.7	-0.45	0.595
20.00	-64.34	-33.71	0.00	-3,712.5	0.00	3,712.50	5,458.35	1,399.80	7,262.33	6,452.65	1.25	-0.6	0.588
25.00	-62.37	-33.33	0.00	-3,544.0	0.00	3,543.97	5,387.86	1,371.94	6,976.22	6,241.61	1.97	-0.76	0.580
30.00	-60.43	-32.94	0.00	-3,377.3	0.00	3,377.33	5,315.82	1,344.09	6,695.85	6,032.16	2.84	-0.91	0.572
35.00	-58.53	-32.55	0.00	-3,212.6	0.00	3,212.61	5,242.22	1,316.23	6,421.23	5,824.40	3.88	-1.07	0.563
40.00	-56.66	-32.13	0.00	-3,049.9	0.00	3,049.88	5,167.09	1,288.38	6,152.37	5,618.45	5.09	-1.23	0.554
45.00	-54.84	-31.83	0.00	-2,889.2	0.00	2,889.21	5,090.40	1,260.52	5,889.25	5,414.42	6.47	-1.4	0.545
46.82	-54.17	-31.62	0.00	-2,831.3	0.00	2,831.30	5,062.11	1,250.39	5,794.93	5,340.67	7.02	-1.46	0.541
50.00	-52.09	-31.29	0.00	-2,730.7	0.00	2,730.74	5,012.16	1,232.67	5,631.89	5,212.41	8.02	-1.56	0.535
53.65	-49.76	-31.01	0.00	-2,616.5	0.00	2,616.46	5,014.93	1,233.64	5,640.79	5,219.44	9.27	-1.69	0.512
55.00	-49.25	-30.73	0.00	-2,574.7	0.00	2,574.68	4,993.60	1,226.14	5,572.37	5,165.35	9.75	-1.73	0.509
60.00	-47.50	-30.25	0.00	-2,421.0	0.00	2,421.03	4,913.45	1,198.28	5,322.11	4,966.00	11.65	-1.89	0.498
65.00	-45.79	-29.76	0.00	-2,269.8	0.00	2,269.79	4,831.76	1,170.43	5,077.59	4,768.91	13.71	-2.05	0.486
70.00	-44.10	-29.26	0.00	-2,121.0	0.00	2,121.00	4,748.52	1,142.58	4,838.82	4,574.21	15.95	-2.21	0.474
75.00	-42.46	-28.76	0.00	-1,974.7	0.00	1,974.70	4,663.73	1,114.72	4,605.80	4,382.00	18.35	-2.37	0.460
80.00	-40.85	-28.25	0.00	-1,830.9	0.00	1,830.90	4,577.39	1,086.87	4,378.53	4,192.39	20.92	-2.53	0.446
85.00	-39.27	-27.75	0.00	-1,689.6	0.00	1,689.63	4,483.15	1,059.01	4,157.01	3,999.83	23.66	-2.69	0.432
90.00	-37.73	-27.24	0.00	-1,550.9	0.00	1,550.91	4,365.24	1,031.16	3,941.25	3,791.17	26.56	-2.85	0.418
94.97	-36.26	-26.94	0.00	-1,415.5	0.00	1,415.49	4,247.97	1,003.46	3,732.38	3,589.20	29.62	-3.01	0.404
95.00	-36.22	-26.72	0.00	-1,414.7	0.00	1,414.74	4,247.32	1,003.30	3,731.23	3,588.09	29.64	-3.01	0.404
100.00	-33.77	-26.34	0.00	-1,281.2	0.00	1,281.16	4,129.40	975.45	3,526.96	3,390.61	32.88	-3.17	0.387
100.47	-33.52	-26.10	0.00	-1,268.7	0.00	1,268.72	3,522.83	850.82	3,130.30	2,948.50	33.19	-3.18	0.441
105.00	-32.35	-25.62	0.00	-1,150.5	0.00	1,150.54	3,457.66	829.20	2,973.26	2,819.74	36.28	-3.32	0.418
110.00	-31.09	-25.11	0.00	-1,022.4	0.00	1,022.45	3,384.20	805.32	2,804.53	2,679.63	39.85	-3.49	0.392
115.00	-29.86	-24.60	0.00	-896.9	0.00	896.91	3,308.12	781.45	2,640.73	2,540.99	43.59	-3.65	0.363
120.00	-28.66	-24.09	0.00	-773.9	0.00	773.91	3,207.05	757.57	2,481.85	2,387.35	47.49	-3.8	0.334
125.00	-27.49	-23.58	0.00	-653.5	0.00	653.46	3,105.98	733.70	2,327.91	2,238.49	51.54	-3.94	0.302
130.00	-21.07	-18.63	0.00	-535.4	0.00	535.40	3,004.91	709.82	2,178.89	2,094.44	55.73	-4.07	0.263
135.00	-20.02	-18.12	0.00	-442.2	0.00	442.24	2,903.84	685.95	2,034.81	1,955.17	60.06	-4.19	0.234
140.00	-18.99	-17.62	0.00	-351.6	0.00	351.63	2,802.76	662.07	1,895.65	1,820.69	64.5	-4.29	0.201
145.00	-18.00	-17.17	0.00	-263.5	0.00	263.54	2,701.69	638.20	1,761.42	1,691.01	69.04	-4.38	0.163
148.71	-17.29	-16.90	0.00	-199.9	0.00	199.87	2,626.73	620.49	1,665.04	1,597.92	72.47	-4.44	0.132
148.71	-17.29	-16.90	0.00	-199.9	0.00	199.87	1,686.34	420.37	1,146.21	1,046.99	72.47	-4.44	0.203
150.00	-17.10	-16.81	0.00	-178.0	0.00	178.04	1,675.25	416.33	1,124.26	1,030.02	73.67	-4.46	0.185
150.60	-17.01	-16.74	0.00	-168.0	0.00	167.95	1,670.07	414.45	1,114.14	1,022.16	74.23	-4.47	0.176
151.00	-16.74	-16.36	0.00	-161.2	0.00	161.25	1,666.60	413.20	1,107.41	1,016.93	74.61	-4.48	0.170

CALCULATED FORCES

152.90	-16.37	-15.86	0.00	-130.2	0.00	130.17	1,650.01	407.25	1,075.75	992.18	76.39	-4.51	0.143
153.00	-11.67	-11.20	0.00	-128.6	0.00	128.58	1,649.13	406.93	1,074.10	990.88	76.49	-4.51	0.138
153.30	-11.25	-10.07	0.00	-125.2	0.00	125.22	1,646.48	405.99	1,069.14	986.99	76.77	-4.51	0.134
154.00	-10.95	-9.91	0.00	-117.9	0.00	117.91	1,640.30	403.80	1,057.63	977.93	77.43	-4.52	0.128
154.20	-10.74	-9.71	0.00	-115.5	0.00	115.48	1,638.53	403.17	1,054.35	975.34	77.62	-4.53	0.126
154.30	-10.55	-9.53	0.00	-114.1	0.00	114.06	1,637.64	402.86	1,052.71	974.05	77.72	-4.53	0.124
154.50	-10.51	-9.43	0.00	-112.2	0.00	112.16	1,635.86	402.24	1,049.44	971.47	77.91	-4.53	0.122
154.90	-10.45	-9.38	0.00	-108.3	0.00	108.32	1,632.30	400.98	1,042.92	966.31	78.29	-4.53	0.119
155.00	-10.17	-9.01	0.00	-107.4	0.00	107.38	1,631.41	400.67	1,041.29	965.02	78.38	-4.54	0.118
156.00	-9.89	-8.73	0.00	-98.4	0.00	98.37	1,622.46	397.54	1,025.08	952.16	79.33	-4.55	0.110
156.70	-9.62	-8.39	0.00	-91.8	0.00	91.82	1,616.16	395.35	1,013.80	943.19	80	-4.56	0.104
160.00	-5.13	-4.27	0.00	-64.1	0.00	64.14	1,586.07	385.01	961.50	901.22	83.16	-4.59	0.075
165.00	-4.71	-3.83	0.00	-42.8	0.00	42.78	1,539.23	369.35	884.89	838.71	87.98	-4.62	0.054
170.00	-4.31	-3.41	0.00	-23.6	0.00	23.61	1,490.89	353.69	811.46	777.61	92.83	-4.65	0.033
175.00	-3.91	-3.11	0.00	-6.6	0.00	6.56	1,431.01	338.03	741.20	713.01	97.7	-4.66	0.012
177.00	-0.22	-0.11	0.00	-0.3	0.00	0.34	1,404.49	331.77	713.99	686.70	99.66	-4.66	0.001
180.00	0.00	-0.10	0.00	0.0	0.00	0.00	1,364.72	322.37	674.13	648.16	102.58	-4.66	0.000

CALCULATED FORCES

Load Case: 0.9D + 1.0W — 127 mph Wind with No Ice (Reduced DL) — 27 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	-54.42	-35.23	0.00	-4,342.8	0.00	4,342.80	5,724.86	1,511.21	8,464.29	7,310.45	0	0	0.604
5.00	-52.82	-34.79	0.00	-4,166.7	0.00	4,166.66	5,660.55	1,483.36	8,155.18	7,094.17	0.08	-0.14	0.597
10.00	-51.24	-34.36	0.00	-3,992.7	0.00	3,992.71	5,594.70	1,455.50	7,851.81	6,879.04	0.31	-0.29	0.590
15.00	-49.69	-33.93	0.00	-3,820.9	0.00	3,820.93	5,527.30	1,427.65	7,554.20	6,665.16	0.69	-0.44	0.583
20.00	-48.17	-33.51	0.00	-3,651.3	0.00	3,651.28	5,458.35	1,399.80	7,262.33	6,452.65	1.24	-0.59	0.575
25.00	-46.67	-33.09	0.00	-3,483.8	0.00	3,483.75	5,387.86	1,371.94	6,976.22	6,241.61	1.94	-0.74	0.567
30.00	-45.20	-32.67	0.00	-3,318.3	0.00	3,318.32	5,315.82	1,344.09	6,695.85	6,032.16	2.8	-0.9	0.559
35.00	-43.75	-32.24	0.00	-3,155.0	0.00	3,154.98	5,242.22	1,316.23	6,421.23	5,824.40	3.82	-1.05	0.551
40.00	-42.33	-31.79	0.00	-2,993.8	0.00	2,993.81	5,167.09	1,288.38	6,152.37	5,618.45	5.01	-1.21	0.542
45.00	-40.96	-31.47	0.00	-2,834.9	0.00	2,834.87	5,090.40	1,260.52	5,889.25	5,414.42	6.37	-1.37	0.532
46.82	-40.45	-31.24	0.00	-2,777.6	0.00	2,777.62	5,062.11	1,250.39	5,794.93	5,340.67	6.9	-1.43	0.529
50.00	-38.87	-30.89	0.00	-2,678.3	0.00	2,678.27	5,012.16	1,232.67	5,631.89	5,212.41	7.89	-1.54	0.522
53.65	-37.11	-30.62	0.00	-2,565.4	0.00	2,565.43	5,014.93	1,233.64	5,640.79	5,219.44	9.12	-1.66	0.500
55.00	-36.73	-30.31	0.00	-2,524.2	0.00	2,524.18	4,993.60	1,226.14	5,572.37	5,165.35	9.59	-1.7	0.497
60.00	-35.40	-29.81	0.00	-2,372.6	0.00	2,372.61	4,913.45	1,198.28	5,322.11	4,966.00	11.46	-1.86	0.486
65.00	-34.10	-29.30	0.00	-2,223.6	0.00	2,223.57	4,831.76	1,170.43	5,077.59	4,768.91	13.49	-2.01	0.474
70.00	-32.82	-28.79	0.00	-2,077.1	0.00	2,077.07	4,748.52	1,142.58	4,838.82	4,574.21	15.68	-2.17	0.462
75.00	-31.58	-28.27	0.00	-1,933.2	0.00	1,933.15	4,663.73	1,114.72	4,605.80	4,382.00	18.04	-2.33	0.449
80.00	-30.36	-27.75	0.00	-1,791.8	0.00	1,791.81	4,577.39	1,086.87	4,378.53	4,192.39	20.56	-2.49	0.435
85.00	-29.17	-27.23	0.00	-1,653.1	0.00	1,653.07	4,483.15	1,059.01	4,157.01	3,999.83	23.25	-2.64	0.420
90.00	-28.00	-26.71	0.00	-1,516.9	0.00	1,516.94	4,365.24	1,031.16	3,941.25	3,791.17	26.1	-2.8	0.407
94.97	-26.89	-26.42	0.00	-1,384.1	0.00	1,384.14	4,247.97	1,003.46	3,732.38	3,589.20	29.1	-2.96	0.393
95.00	-26.86	-26.18	0.00	-1,383.4	0.00	1,383.40	4,247.32	1,003.30	3,731.23	3,588.09	29.12	-2.96	0.393
100.00	-25.02	-25.82	0.00	-1,252.5	0.00	1,252.50	4,129.40	975.45	3,526.96	3,390.61	32.3	-3.11	0.376
100.47	-24.83	-25.58	0.00	-1,240.3	0.00	1,240.30	3,522.83	850.82	3,130.30	2,948.50	32.61	-3.12	0.429
105.00	-23.94	-25.09	0.00	-1,124.5	0.00	1,124.48	3,457.66	829.20	2,973.26	2,819.74	35.64	-3.26	0.407
110.00	-22.98	-24.57	0.00	-999.0	0.00	999.04	3,384.20	805.32	2,804.53	2,679.63	39.14	-3.42	0.381
115.00	-22.05	-24.06	0.00	-876.2	0.00	876.18	3,308.12	781.45	2,640.73	2,540.99	42.8	-3.58	0.352
120.00	-21.15	-23.55	0.00	-755.9	0.00	755.87	3,207.05	757.57	2,481.85	2,387.35	46.63	-3.72	0.324
125.00	-20.28	-23.05	0.00	-638.1	0.00	638.11	3,105.98	733.70	2,327.91	2,238.49	50.6	-3.86	0.293
130.00	-15.52	-18.21	0.00	-522.7	0.00	522.73	3,004.91	709.82	2,178.89	2,094.44	54.71	-3.99	0.255
135.00	-14.73	-17.71	0.00	-431.7	0.00	431.69	2,903.84	685.95	2,034.81	1,955.17	58.95	-4.1	0.227
140.00	-13.97	-17.21	0.00	-343.2	0.00	343.16	2,802.76	662.07	1,895.65	1,820.69	63.3	-4.21	0.194
145.00	-13.23	-16.78	0.00	-257.1	0.00	257.10	2,701.69	638.20	1,761.42	1,691.01	67.75	-4.3	0.158
148.71	-12.69	-16.52	0.00	-194.9	0.00	194.88	2,626.73	620.49	1,665.04	1,597.92	71.11	-4.35	0.127
148.71	-12.69	-16.52	0.00	-194.9	0.00	194.88	1,686.34	420.37	1,146.21	1,046.99	71.11	-4.35	0.195
150.00	-12.55	-16.43	0.00	-173.5	0.00	173.54	1,675.25	416.33	1,124.26	1,030.02	72.29	-4.37	0.178
150.60	-12.48	-16.37	0.00	-163.7	0.00	163.68	1,670.07	414.45	1,114.14	1,022.16	72.84	-4.38	0.169
151.00	-12.28	-15.99	0.00	-157.1	0.00	157.13	1,666.60	413.20	1,107.41	1,016.93	73.2	-4.39	0.163
152.90	-12.02	-15.50	0.00	-126.8	0.00	126.75	1,650.01	407.25	1,075.75	992.18	74.96	-4.42	0.136
153.00	-8.57	-10.94	0.00	-125.2	0.00	125.20	1,649.13	406.93	1,074.10	990.88	75.05	-4.42	0.132
153.30	-8.27	-9.82	0.00	-121.9	0.00	121.92	1,646.48	405.99	1,069.14	986.99	75.33	-4.42	0.129
154.00	-8.05	-9.67	0.00	-114.8	0.00	114.78	1,640.30	403.80	1,057.63	977.93	75.97	-4.43	0.123
154.20	-7.90	-9.47	0.00	-112.4	0.00	112.40	1,638.53	403.17	1,054.35	975.34	76.16	-4.43	0.121
154.30	-7.76	-9.30	0.00	-111.0	0.00	111.01	1,637.64	402.86	1,052.71	974.05	76.25	-4.44	0.119
154.50	-7.73	-9.20	0.00	-109.2	0.00	109.15	1,635.86	402.24	1,049.44	971.47	76.44	-4.44	0.118
154.90	-7.68	-9.15	0.00	-105.4	0.00	105.40	1,632.30	400.98	1,042.92	966.31	76.81	-4.44	0.114
155.00	-7.48	-8.78	0.00	-104.5	0.00	104.49	1,631.41	400.67	1,041.29	965.02	76.9	-4.44	0.113
156.00	-7.27	-8.50	0.00	-95.7	0.00	95.71	1,622.46	397.54	1,025.08	952.16	77.83	-4.46	0.105
156.70	-7.07	-8.17	0.00	-89.3	0.00	89.31	1,616.16	395.35	1,013.80	943.19	78.49	-4.46	0.099
160.00	-3.78	-4.16	0.00	-62.3	0.00	62.34	1,586.07	385.01	961.50	901.22	81.58	-4.49	0.072
165.00	-3.47	-3.73	0.00	-41.6	0.00	41.56	1,539.23	369.35	884.89	838.71	86.3	-4.53	0.052
170.00	-3.17	-3.31	0.00	-22.9	0.00	22.92	1,490.89	353.69	811.46	777.61	91.06	-4.55	0.032
175.00	-2.88	-3.02	0.00	-6.4	0.00	6.37	1,431.01	338.03	741.20	713.01	95.83	-4.57	0.011
177.00	-0.16	-0.11	0.00	-0.3	0.00	0.33	1,404.49	331.77	713.99	686.70	97.74	-4.57	0.001

CALCULATED FORCES

180.00	0.00	-0.10	0.00	0.0	0.00	0.00	1,364.72	322.37	674.13	648.16	100.61	-4.57	0.000

CALCULATED FORCES

Load Case: 1.2D + 1.0Di + 1.0Wi — 50 mph Wind with 1" Radial Ice — 26 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	-93.02	-8.44	0.00	-1,045.7	0.00	1,045.67	5,724.86	1,511.21	8,464.29	7,310.45	0	0	0.159
5.00	-90.70	-8.34	0.00	-1,003.5	0.00	1,003.47	5,660.55	1,483.36	8,155.18	7,094.17	0.02	-0.03	0.158
10.00	-88.38	-8.25	0.00	-961.8	0.00	961.75	5,594.70	1,455.50	7,851.81	6,879.04	0.07	-0.07	0.156
15.00	-86.08	-8.16	0.00	-920.5	0.00	920.50	5,527.30	1,427.65	7,554.20	6,665.16	0.17	-0.11	0.154
20.00	-83.81	-8.06	0.00	-879.7	0.00	879.71	5,458.35	1,399.80	7,262.33	6,452.65	0.3	-0.14	0.152
25.00	-81.57	-7.97	0.00	-839.4	0.00	839.39	5,387.86	1,371.94	6,976.22	6,241.61	0.47	-0.18	0.150
30.00	-79.36	-7.88	0.00	-799.5	0.00	799.54	5,315.82	1,344.09	6,695.85	6,032.16	0.67	-0.22	0.148
35.00	-77.18	-7.78	0.00	-760.2	0.00	760.15	5,242.22	1,316.23	6,421.23	5,824.40	0.92	-0.25	0.145
40.00	-75.04	-7.68	0.00	-721.2	0.00	721.25	5,167.09	1,288.38	6,152.37	5,618.45	1.21	-0.29	0.143
45.00	-72.94	-7.60	0.00	-682.9	0.00	682.86	5,090.40	1,260.52	5,889.25	5,414.42	1.53	-0.33	0.140
46.82	-72.18	-7.55	0.00	-669.0	0.00	669.03	5,062.11	1,250.39	5,794.93	5,340.67	1.66	-0.35	0.140
50.00	-69.93	-7.47	0.00	-645.0	0.00	645.01	5,012.16	1,232.67	5,631.89	5,212.41	1.9	-0.37	0.138
53.65	-67.38	-7.40	0.00	-617.7	0.00	617.74	5,014.93	1,233.64	5,640.79	5,219.44	2.2	-0.4	0.132
55.00	-66.82	-7.33	0.00	-607.8	0.00	607.77	4,993.60	1,226.14	5,572.37	5,165.35	2.31	-0.41	0.131
60.00	-64.80	-7.21	0.00	-571.1	0.00	571.13	4,913.45	1,198.28	5,322.11	4,966.00	2.76	-0.45	0.128
65.00	-62.81	-7.08	0.00	-535.1	0.00	535.09	4,831.76	1,170.43	5,077.59	4,768.91	3.25	-0.49	0.125
70.00	-60.86	-6.96	0.00	-499.7	0.00	499.68	4,748.52	1,142.58	4,838.82	4,574.21	3.78	-0.52	0.122
75.00	-58.95	-6.83	0.00	-464.9	0.00	464.89	4,663.73	1,114.72	4,605.80	4,382.00	4.35	-0.56	0.119
80.00	-57.07	-6.70	0.00	-430.8	0.00	430.75	4,577.39	1,086.87	4,378.53	4,192.39	4.95	-0.6	0.115
85.00	-55.24	-6.57	0.00	-397.2	0.00	397.25	4,483.15	1,059.01	4,157.01	3,999.83	5.6	-0.64	0.112
90.00	-53.44	-6.44	0.00	-364.4	0.00	364.41	4,365.24	1,031.16	3,941.25	3,791.17	6.29	-0.67	0.108
94.97	-51.69	-6.36	0.00	-332.4	0.00	332.39	4,247.97	1,003.46	3,732.38	3,589.20	7.01	-0.71	0.105
95.00	-51.68	-6.30	0.00	-332.2	0.00	332.22	4,247.32	1,003.30	3,731.23	3,588.09	7.01	-0.71	0.105
100.00	-48.95	-6.21	0.00	-300.7	0.00	300.70	4,129.40	975.45	3,526.96	3,390.61	7.78	-0.75	0.101
100.47	-48.69	-6.15	0.00	-297.8	0.00	297.77	3,522.83	850.82	3,130.30	2,948.50	7.85	-0.75	0.115
105.00	-47.29	-6.02	0.00	-269.9	0.00	269.93	3,457.66	829.20	2,973.26	2,819.74	8.58	-0.78	0.109
110.00	-45.78	-5.89	0.00	-239.8	0.00	239.83	3,384.20	805.32	2,804.53	2,679.63	9.43	-0.82	0.103
115.00	-44.30	-5.76	0.00	-210.4	0.00	210.38	3,308.12	781.45	2,640.73	2,540.99	10.31	-0.86	0.096
120.00	-42.86	-5.62	0.00	-181.6	0.00	181.60	3,207.05	757.57	2,481.85	2,387.35	11.23	-0.9	0.089
125.00	-41.46	-5.49	0.00	-153.5	0.00	153.49	3,105.98	733.70	2,327.91	2,238.49	12.19	-0.93	0.082
130.00	-32.03	-4.37	0.00	-126.0	0.00	126.02	3,004.91	709.82	2,178.89	2,094.44	13.18	-0.96	0.071
135.00	-30.72	-4.24	0.00	-104.2	0.00	104.15	2,903.84	685.95	2,034.81	1,955.17	14.2	-0.99	0.064
140.00	-29.45	-4.10	0.00	-83.0	0.00	82.97	2,802.76	662.07	1,895.65	1,820.69	15.24	-1.01	0.056
145.00	-28.22	-3.98	0.00	-62.5	0.00	62.47	2,701.69	638.20	1,761.42	1,691.01	16.32	-1.03	0.047
148.71	-27.33	-3.90	0.00	-47.7	0.00	47.72	2,626.73	620.49	1,665.04	1,597.92	17.12	-1.05	0.040
148.71	-27.33	-3.90	0.00	-47.7	0.00	47.72	1,686.34	420.37	1,146.21	1,046.99	17.12	-1.05	0.062
150.00	-27.08	-3.88	0.00	-42.7	0.00	42.68	1,675.25	416.33	1,124.26	1,030.02	17.41	-1.05	0.058
150.60	-26.94	-3.86	0.00	-40.4	0.00	40.35	1,670.07	414.45	1,114.14	1,022.16	17.54	-1.05	0.056
151.00	-26.48	-3.78	0.00	-38.8	0.00	38.81	1,666.60	413.20	1,107.41	1,016.93	17.63	-1.06	0.054
152.90	-25.81	-3.67	0.00	-31.6	0.00	31.64	1,650.01	407.25	1,075.75	992.18	18.05	-1.06	0.048
153.00	-18.41	-2.65	0.00	-31.3	0.00	31.27	1,649.13	406.93	1,074.10	990.88	18.07	-1.06	0.043
153.30	-17.34	-2.41	0.00	-30.5	0.00	30.47	1,646.48	405.99	1,069.14	986.99	18.14	-1.06	0.041
154.00	-16.93	-2.37	0.00	-28.7	0.00	28.73	1,640.30	403.80	1,057.63	977.93	18.3	-1.07	0.040
154.20	-16.54	-2.33	0.00	-28.2	0.00	28.17	1,638.53	403.17	1,054.35	975.34	18.34	-1.07	0.039
154.30	-16.22	-2.29	0.00	-27.8	0.00	27.85	1,637.64	402.86	1,052.71	974.05	18.36	-1.07	0.039
154.50	-16.14	-2.26	0.00	-27.4	0.00	27.39	1,635.86	402.24	1,049.44	971.47	18.41	-1.07	0.038
154.90	-16.02	-2.25	0.00	-26.5	0.00	26.47	1,632.30	400.98	1,042.92	966.31	18.5	-1.07	0.037
155.00	-15.53	-2.17	0.00	-26.2	0.00	26.25	1,631.41	400.67	1,041.29	965.02	18.52	-1.07	0.037
156.00	-15.08	-2.11	0.00	-24.1	0.00	24.08	1,622.46	397.54	1,025.08	952.16	18.75	-1.07	0.035
156.70	-14.64	-2.02	0.00	-22.5	0.00	22.51	1,616.16	395.35	1,013.80	943.19	18.9	-1.08	0.033
160.00	-7.72	-1.07	0.00	-15.8	0.00	15.83	1,586.07	385.01	961.50	901.22	19.65	-1.08	0.022
165.00	-7.06	-0.95	0.00	-10.5	0.00	10.47	1,539.23	369.35	884.89	838.71	20.79	-1.09	0.017
170.00	-6.43	-0.83	0.00	-5.7	0.00	5.73	1,490.89	353.69	811.46	777.61	21.94	-1.1	0.012
175.00	-5.82	-0.74	0.00	-1.6	0.00	1.59	1,431.01	338.03	741.20	713.01	23.09	-1.1	0.006
177.00	-0.34	-0.03	0.00	-0.1	0.00	0.10	1,404.49	331.77	713.99	686.70	23.55	-1.1	0.000

CALCULATED FORCES

180.00	0.00	-0.03	0.00	0.0	0.00	0.00	1,364.72	322.37	674.13	648.16	24.24	-1.1	0.000

CALCULATED FORCES

Load Case: 1.0D + 1.0W — 60 mph Wind with No Ice — 25 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	-60.51	-7.04	0.00	-872.1	0.00	872.08	5,724.86	1,511.21	8,464.29	7,310.45	0	0	0.130
5.00	-58.83	-6.95	0.00	-836.9	0.00	836.90	5,660.55	1,483.36	8,155.18	7,094.17	0.02	-0.03	0.128
10.00	-57.17	-6.87	0.00	-802.1	0.00	802.14	5,594.70	1,455.50	7,851.81	6,879.04	0.06	-0.06	0.127
15.00	-55.54	-6.79	0.00	-767.8	0.00	767.80	5,527.30	1,427.65	7,554.20	6,665.16	0.14	-0.09	0.125
20.00	-53.93	-6.70	0.00	-733.9	0.00	733.88	5,458.35	1,399.80	7,262.33	6,452.65	0.25	-0.12	0.124
25.00	-52.36	-6.62	0.00	-700.4	0.00	700.36	5,387.86	1,371.94	6,976.22	6,241.61	0.39	-0.15	0.122
30.00	-50.81	-6.54	0.00	-667.2	0.00	667.24	5,315.82	1,344.09	6,695.85	6,032.16	0.56	-0.18	0.120
35.00	-49.28	-6.46	0.00	-634.5	0.00	634.54	5,242.22	1,316.23	6,421.23	5,824.40	0.77	-0.21	0.118
40.00	-47.79	-6.37	0.00	-602.2	0.00	602.25	5,167.09	1,288.38	6,152.37	5,618.45	1.01	-0.24	0.116
45.00	-46.32	-6.31	0.00	-570.4	0.00	570.39	5,090.40	1,260.52	5,889.25	5,414.42	1.28	-0.28	0.114
46.82	-45.79	-6.26	0.00	-558.9	0.00	558.91	5,062.11	1,250.39	5,794.93	5,340.67	1.39	-0.29	0.114
50.00	-44.10	-6.20	0.00	-539.0	0.00	538.99	5,012.16	1,232.67	5,631.89	5,212.41	1.59	-0.31	0.112
53.65	-42.18	-6.14	0.00	-516.4	0.00	516.36	5,014.93	1,233.64	5,640.79	5,219.44	1.83	-0.33	0.107
55.00	-41.80	-6.08	0.00	-508.1	0.00	508.08	4,993.60	1,226.14	5,572.37	5,165.35	1.93	-0.34	0.107
60.00	-40.39	-5.98	0.00	-477.7	0.00	477.67	4,913.45	1,198.28	5,322.11	4,966.00	2.3	-0.37	0.104
65.00	-39.01	-5.88	0.00	-447.8	0.00	447.75	4,831.76	1,170.43	5,077.59	4,768.91	2.71	-0.41	0.102
70.00	-37.66	-5.78	0.00	-418.3	0.00	418.33	4,748.52	1,142.58	4,838.82	4,574.21	3.15	-0.44	0.099
75.00	-36.33	-5.68	0.00	-389.4	0.00	389.41	4,663.73	1,114.72	4,605.80	4,382.00	3.63	-0.47	0.097
80.00	-35.03	-5.58	0.00	-361.0	0.00	361.01	4,577.39	1,086.87	4,378.53	4,192.39	4.13	-0.5	0.094
85.00	-33.76	-5.48	0.00	-333.1	0.00	333.11	4,483.15	1,059.01	4,157.01	3,999.83	4.68	-0.53	0.091
90.00	-32.51	-5.37	0.00	-305.7	0.00	305.73	4,365.24	1,031.16	3,941.25	3,791.17	5.25	-0.56	0.088
94.97	-31.30	-5.32	0.00	-279.0	0.00	279.01	4,247.97	1,003.46	3,732.38	3,589.20	5.85	-0.59	0.085
95.00	-31.29	-5.27	0.00	-278.9	0.00	278.86	4,247.32	1,003.30	3,731.23	3,588.09	5.86	-0.59	0.085
100.00	-29.26	-5.20	0.00	-252.5	0.00	252.51	4,129.40	975.45	3,526.96	3,390.61	6.5	-0.63	0.082
100.47	-29.07	-5.15	0.00	-250.1	0.00	250.06	3,522.83	850.82	3,130.30	2,948.50	6.56	-0.63	0.093
105.00	-28.12	-5.05	0.00	-226.7	0.00	226.74	3,457.66	829.20	2,973.26	2,819.74	7.17	-0.66	0.089
110.00	-27.10	-4.95	0.00	-201.5	0.00	201.48	3,384.20	805.32	2,804.53	2,679.63	7.87	-0.69	0.083
115.00	-26.10	-4.85	0.00	-176.7	0.00	176.73	3,308.12	781.45	2,640.73	2,540.99	8.61	-0.72	0.077
120.00	-25.12	-4.75	0.00	-152.5	0.00	152.48	3,207.05	757.57	2,481.85	2,387.35	9.38	-0.75	0.072
125.00	-24.17	-4.65	0.00	-128.7	0.00	128.74	3,105.98	733.70	2,327.91	2,238.49	10.18	-0.78	0.065
130.00	-18.58	-3.67	0.00	-105.5	0.00	105.48	3,004.91	709.82	2,178.89	2,094.44	11.01	-0.8	0.057
135.00	-17.70	-3.57	0.00	-87.1	0.00	87.12	2,903.84	685.95	2,034.81	1,955.17	11.86	-0.83	0.051
140.00	-16.84	-3.47	0.00	-69.3	0.00	69.26	2,802.76	662.07	1,895.65	1,820.69	12.74	-0.85	0.044
145.00	-16.01	-3.39	0.00	-51.9	0.00	51.90	2,701.69	638.20	1,761.42	1,691.01	13.64	-0.87	0.037
148.71	-15.41	-3.33	0.00	-39.4	0.00	39.35	2,626.73	620.49	1,665.04	1,597.92	14.32	-0.88	0.031
148.71	-15.41	-3.33	0.00	-39.4	0.00	39.35	1,686.34	420.37	1,146.21	1,046.99	14.32	-0.88	0.047
150.00	-15.25	-3.31	0.00	-35.0	0.00	35.04	1,675.25	416.33	1,124.26	1,030.02	14.55	-0.88	0.043
150.60	-15.17	-3.30	0.00	-33.1	0.00	33.06	1,670.07	414.45	1,114.14	1,022.16	14.66	-0.88	0.041
151.00	-14.92	-3.23	0.00	-31.7	0.00	31.73	1,666.60	413.20	1,107.41	1,016.93	14.74	-0.88	0.040
152.90	-14.59	-3.13	0.00	-25.6	0.00	25.61	1,650.01	407.25	1,075.75	992.18	15.09	-0.89	0.035
153.00	-10.39	-2.21	0.00	-25.3	0.00	25.29	1,649.13	406.93	1,074.10	990.88	15.11	-0.89	0.032
153.30	-9.98	-1.98	0.00	-24.6	0.00	24.63	1,646.48	405.99	1,069.14	986.99	15.17	-0.89	0.031
154.00	-9.72	-1.95	0.00	-23.2	0.00	23.19	1,640.30	403.80	1,057.63	977.93	15.3	-0.89	0.030
154.20	-9.53	-1.91	0.00	-22.7	0.00	22.71	1,638.53	403.17	1,054.35	975.34	15.33	-0.89	0.029
154.30	-9.36	-1.88	0.00	-22.4	0.00	22.43	1,637.64	402.86	1,052.71	974.05	15.35	-0.89	0.029
154.50	-9.33	-1.86	0.00	-22.1	0.00	22.06	1,635.86	402.24	1,049.44	971.47	15.39	-0.89	0.028
154.90	-9.27	-1.85	0.00	-21.3	0.00	21.30	1,632.30	400.98	1,042.92	966.31	15.47	-0.89	0.028
155.00	-9.01	-1.77	0.00	-21.1	0.00	21.11	1,631.41	400.67	1,041.29	965.02	15.48	-0.89	0.027
156.00	-8.77	-1.72	0.00	-19.3	0.00	19.34	1,622.46	397.54	1,025.08	952.16	15.67	-0.9	0.026
156.70	-8.52	-1.65	0.00	-18.0	0.00	18.05	1,616.16	395.35	1,013.80	943.19	15.8	-0.9	0.024
160.00	-4.54	-0.84	0.00	-12.6	0.00	12.60	1,586.07	385.01	961.50	901.22	16.43	-0.91	0.017
165.00	-4.16	-0.75	0.00	-8.4	0.00	8.40	1,539.23	369.35	884.89	838.71	17.38	-0.91	0.013
170.00	-3.80	-0.67	0.00	-4.6	0.00	4.64	1,490.89	353.69	811.46	777.61	18.34	-0.92	0.009
175.00	-3.45	-0.61	0.00	-1.3	0.00	1.29	1,431.01	338.03	741.20	713.01	19.3	-0.92	0.004
177.00	-0.19	-0.02	0.00	-0.1	0.00	0.07	1,404.49	331.77	713.99	686.70	19.69	-0.92	0.000

CALCULATED FORCES

180.00	0.00	-0.02	0.00	0.0	0.00	0.00	1,364.72	322.37	674.13	648.16	20.26	-0.92	0.000

EQUIVALENT LATERAL FORCES METHOD ANALYSIS

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

Spectral Response Acceleration for Short Period (S_S):	0.191
Spectral Response Acceleration at 1.0 Second Period (S_1):	0.052
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}):	0.204
Design Spectral Response Acceleration at 1.0 Second Period (S_{d1}):	0.083
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):	2.820
Redundancy Factor (p):	1.000
Seismic Force Distribution Exponent (k):	2.000
Total Unfactored Dead Load:	60.510 k
Seismic Base Shear (E):	1.820 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)
54	178.5	190	6,062	0.008	15	236
53	176	135	4,191	0.006	11	168
52	172.5	349	10,382	0.014	26	433
51	167.5	364	10,215	0.014	26	452
50	162.5	379	10,015	0.014	25	471
49	158.35	301	7,551	0.010	19	374
48	156.35	68	1,657	0.002	4	84
47	155.5	97	2,354	0.003	6	121
46	154.95	10	242	0.000	1	13
45	154.7	40	967	0.001	2	50
44	154.4	20	483	0.001	1	25
43	154.25	10	241	0.000	1	13
42	154.1	20	482	0.001	1	25
41	153.65	76	1,801	0.002	5	95
40	153.15	33	769	0.001	2	41
39	152.95	12	280	0.000	1	15
38	151.95	229	5,281	0.007	13	284
37	150.8	48	1,101	0.002	3	60
36	150.3	73	1,645	0.002	4	90
35	149.3542	158	3,514	0.005	9	195
34	146.8542	604	13,025	0.018	33	749
33	142.5	834	16,945	0.024	43	1,035
32	137.5	858	16,214	0.022	41	1,064
31	132.5	881	15,463	0.021	39	1,093
30	127.5	930	15,117	0.021	38	1,154
29	122.5	953	14,302	0.020	36	1,183
28	117.5	976	13,478	0.019	34	1,211
27	112.5	999	12,648	0.018	32	1,240
26	107.5	1,022	11,816	0.016	30	1,269
25	102.7361	946	9,984	0.014	25	1,174
24	100.2361	189	1,898	0.003	5	234
23	97.5	2,028	19,278	0.027	48	2,516
22	94.9861	11	103	0.000	0	14
21	92.4861	1,210	10,347	0.014	26	1,501
20	87.5	1,243	9,519	0.013	24	1,543
19	82.5	1,270	8,646	0.012	22	1,576
18	77.5	1,297	7,792	0.011	20	1,610
17	72.5	1,324	6,961	0.010	17	1,643

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)
16	67.5	1,351	6,157	0.008	15	1,677
15	62.5	1,378	5,384	0.008	14	1,710
14	57.5	1,405	4,647	0.006	12	1,744
13	54.3264	383	1,131	0.002	3	476
12	51.8264	1,915	5,143	0.007	13	2,376
11	48.4097	1,691	3,962	0.006	10	2,098
10	45.9097	527	1,110	0.002	3	653
9	42.5	1,466	2,647	0.004	7	1,819
8	37.5	1,493	2,099	0.003	5	1,852
7	32.5	1,520	1,605	0.002	4	1,886
6	27.5	1,547	1,170	0.002	3	1,919
5	22.5	1,574	797	0.001	2	1,953
4	17.5	1,601	490	0.001	1	1,986
3	12.5	1,628	254	0.000	1	2,020
2	7.5	1,655	93	0.000	0	2,053
1	2.5	1,682	11	0.000	0	2,087
Raycap RDIDC-9181-PF-48	177	22	686	0.001	2	27
Fujitsu TA08025-B604	177	192	6,006	0.008	15	238
Fujitsu TA08025-B605	177	225	7,049	0.010	18	279
JMA Wireless MX08FRO665-21	177	194	6,062	0.008	15	240
Generic Round Platform with Handrails	177	2,500	78,322	0.108	197	3,102
Generic Round Platform with Handrails	160	2,500	64,000	0.089	161	3,102
Generic Round Platform with Handrails	130	2,500	42,250	0.058	106	3,102
Commscope CBC78T-DS-43-2X	160	62	1,590	0.002	4	77
Kaelus KA-6030	160	35	901	0.001	2	44
Samsung B5/B13 RRH ORAN (RF4440d-13A)	160	211	5,399	0.008	14	262
Samsung B2/B66A RRH ORAN (RF 4439d-25A)	160	224	5,737	0.008	14	278
Raycap RRFDC-3315-PF-48	160	54	1,377	0.002	3	67
Samsung MT6407-77A	160	245	6,267	0.009	16	304
Commscope JAHH-65B-R3B	160	364	9,308	0.013	23	451
Ericsson RRUS 32 B30 (60 lbs)	156.7	180	4,420	0.006	11	223
Ericsson RRUS 11 (Band 12)	156	150	3,650	0.005	9	186
Ericsson AIR 6449 B77D/ C-Band	155	245	5,881	0.008	15	304
Raycap DC6-48-60-18-8F	154.9	20	480	0.001	1	25
Raycap DC6-48-60-18-8C	154.5	16	382	0.000	1	20
Ericsson RRUS 32 B2	154.3	159	3,786	0.005	10	197
Raycap DC6-48-60-18-8F ("Squid")	154.2	19	449	0.001	1	23
Ericsson RRUS 32 B66A	154.2	152	3,617	0.005	9	189
Ericsson RRUS 4478 B14 (15")	154	178	4,226	0.006	11	221
Powerwave Allgon LGP17201	153.3	186	4,371	0.006	11	231
Commscope SBNHH-1D65A	153.3	201	4,724	0.006	12	249
Andrew APTDC-BDFDM-DBW	153	8	183	0.000	0	10
Raycap DC9-48-60-24-8C-EV	153	16	375	0.000	1	20
Ericsson RRUS 4449 B5, B12	153	213	4,986	0.007	13	264
Ericsson RRUS E2 B29	153	180	4,214	0.006	11	223
Generic Mount Reinforcement	153	600	14,045	0.019	35	744
Generic Mount Reinforcement	130	600	10,140	0.014	25	744
Quintel QD6616-7	153	390	9,130	0.013	23	484
Kathrein Scala 80010965	153	293	6,854	0.010	17	363
Flat Platform w/ Round Handrails	153	2,500	58,522	0.081	147	3,102
Powerwave Allgon 7770.00	152.9	105	2,455	0.003	6	130
Ericsson AIR 6419 B77G	151	198	4,521	0.006	11	246
Powerwave Allgon 7020.00 Dual Band RET	150.6	7	150	0.000	0	8
Ericsson RRUS 4415 B66	130	138	2,332	0.003	6	171
Ericsson Radio 4449 B71 B85A	130	225	3,802	0.005	10	279
Ericsson Radio 2212 B13	130	128	2,170	0.003	5	159
Ericsson 4424 B25	130	258	4,360	0.006	11	320
Ericsson Air6449 B41	130	312	5,273	0.007	13	387
RFS APX16DWV-16DWVS-E-A20	130	122	2,063	0.003	5	151
RFS APXVAARR24_43-U-NA20	130	384	6,485	0.009	16	476
	Totals:	**60,515**	**722,471**	**1.000**	**1,815**	**75,083**

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)

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)
54	178.5	190	6,062	0.008	15	163
53	176	135	4,191	0.006	11	116
52	172.5	349	10,382	0.014	26	300
51	167.5	364	10,215	0.014	26	313
50	162.5	379	10,015	0.014	25	326
49	158.35	301	7,551	0.010	19	259
48	156.35	68	1,657	0.002	4	58
47	155.5	97	2,354	0.003	6	84
46	154.95	10	242	0.000	1	9
45	154.7	40	967	0.001	2	35
44	154.4	20	483	0.001	1	17
43	154.25	10	241	0.000	1	9
42	154.1	20	482	0.001	1	17
41	153.65	76	1,801	0.002	5	66
40	153.15	33	769	0.001	2	28
39	152.95	12	280	0.000	1	10
38	151.95	229	5,281	0.007	13	197
37	150.8	48	1,101	0.002	3	42
36	150.3	73	1,645	0.002	4	63
35	149.3542	158	3,514	0.005	9	135
34	146.8542	604	13,025	0.018	33	519
33	142.5	834	16,945	0.024	43	717
32	137.5	858	16,214	0.022	41	737
31	132.5	881	15,463	0.021	39	757
30	127.5	930	15,117	0.021	38	799
29	122.5	953	14,302	0.020	36	819
28	117.5	976	13,478	0.019	34	839
27	112.5	999	12,648	0.018	32	859
26	107.5	1,022	11,816	0.016	30	879
25	102.7361	946	9,984	0.014	25	813
24	100.2361	189	1,898	0.003	5	162
23	97.5	2,028	19,278	0.027	48	1,743
22	94.9861	11	103	0.000	0	10
21	92.4861	1,210	10,347	0.014	26	1,039
20	87.5	1,243	9,519	0.013	24	1,068
19	82.5	1,270	8,646	0.012	22	1,092
18	77.5	1,297	7,792	0.011	20	1,115
17	72.5	1,324	6,961	0.010	17	1,138
16	67.5	1,351	6,157	0.008	15	1,161
15	62.5	1,378	5,384	0.008	14	1,184
14	57.5	1,405	4,647	0.006	12	1,208
13	54.3264	383	1,131	0.002	3	329
12	51.8264	1,915	5,143	0.007	13	1,645
11	48.4097	1,691	3,962	0.006	10	1,453
10	45.9097	527	1,110	0.002	3	453
9	42.5	1,466	2,647	0.004	7	1,259
8	37.5	1,493	2,099	0.003	5	1,283
7	32.5	1,520	1,605	0.002	4	1,306
6	27.5	1,547	1,170	0.002	3	1,329
5	22.5	1,574	797	0.001	2	1,352
4	17.5	1,601	490	0.001	1	1,375
3	12.5	1,628	254	0.000	1	1,399
2	7.5	1,655	93	0.000	0	1,422
1	2.5	1,682	11	0.000	0	1,445
Raycap RDIDC-9181-PF-48	177	22	686	0.001	2	19

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)
Fujitsu TA08025-B604	177	192	6,006	0.008	15	165
Fujitsu TA08025-B605	177	225	7,049	0.010	18	193
JMA Wireless MX08FRO665-21	177	194	6,062	0.008	15	166
Generic Round Platform with Handrails	177	2,500	78,322	0.108	197	2,148
Generic Round Platform with Handrails	160	2,500	64,000	0.089	161	2,148
Generic Round Platform with Handrails	130	2,500	42,250	0.058	106	2,148
Commscope CBC78T-DS-43-2X	160	62	1,590	0.002	4	53
Kaelus KA-6030	160	35	901	0.001	2	30
Samsung B5/B13 RRH ORAN (RF4440d-13A)	160	211	5,399	0.008	14	181
Samsung B2/B66A RRH ORAN (RF 4439d-25A)	160	224	5,737	0.008	14	193
Raycap RRFDC-3315-PF-48	160	54	1,377	0.002	3	46
Samsung MT6407-77A	160	245	6,267	0.009	16	210
Commscope JAHH-65B-R3B	160	364	9,308	0.013	23	312
Ericsson RRUS 32 B30 (60 lbs)	156.7	180	4,420	0.006	11	155
Ericsson RRUS 11 (Band 12)	156	150	3,650	0.005	9	129
Ericsson AIR 6449 B77D/ C-Band	155	245	5,881	0.008	15	210
Raycap DC6-48-60-18-8F	154.9	20	480	0.001	1	17
Raycap DC6-48-60-18-8C	154.5	16	382	0.000	1	14
Ericsson RRUS 32 B2	154.3	159	3,786	0.005	10	137
Raycap DC6-48-60-18-8F ("Squid")	154.2	19	449	0.001	1	16
Ericsson RRUS 32 B66A	154.2	152	3,617	0.005	9	131
Ericsson RRUS 4478 B14 (15")	154	178	4,226	0.006	11	153
Powerwave Allgon LGP17201	153.3	186	4,371	0.006	11	160
Commscope SBNHH-1D65A	153.3	201	4,724	0.006	12	173
Andrew APTDC-BDFDM-DBW	153	8	183	0.000	0	7
Raycap DC9-48-60-24-8C-EV	153	16	375	0.000	1	14
Ericsson RRUS 4449 B5, B12	153	213	4,986	0.007	13	183
Ericsson RRUS E2 B29	153	180	4,214	0.006	11	155
Generic Mount Reinforcement	153	600	14,045	0.019	35	516
Generic Mount Reinforcement	130	600	10,140	0.014	25	516
Quintel QD6616-7	153	390	9,130	0.013	23	335
Kathrein Scala 80010965	153	293	6,854	0.010	17	252
Flat Platform w/ Round Handrails	153	2,500	58,522	0.081	147	2,148
Powerwave Allgon 7770.00	152.9	105	2,455	0.003	6	90
Ericsson AIR 6419 B77G	151	198	4,521	0.006	11	170
Powerwave Allgon 7020.00 Dual Band RET	150.6	7	150	0.000	0	6
Ericsson RRUS 4415 B66	130	138	2,332	0.003	6	119
Ericsson Radio 4449 B71 B85A	130	225	3,802	0.005	10	193
Ericsson Radio 2212 B13	130	128	2,170	0.003	5	110
Ericsson 4424 B25	130	258	4,360	0.006	11	222
Ericsson Air6449 B41	130	312	5,273	0.007	13	268
RFS APX16DWV-16DWVS-E-A20	130	122	2,063	0.003	5	105
RFS APXVAARR24_43-U-NA20	130	384	6,485	0.009	16	330
	Totals:	**60,515**	**722,471**	**1.000**	**1,815**	**51,997**

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	-73.00	-1.82	0.00	-266.81	0.00	266.81	5,724.86	1,511.21	8,464	7,310.45	0.00	0.00	0.05
5.00	-70.94	-1.83	0.00	-257.71	0.00	257.71	5,660.55	1,483.36	8,155	7,094.17	0.00	-0.01	0.05
10.00	-68.92	-1.84	0.00	-248.56	0.00	248.56	5,594.70	1,455.50	7,852	6,879.04	0.02	-0.02	0.05
15.00	-66.94	-1.85	0.00	-239.36	0.00	239.36	5,527.30	1,427.65	7,554	6,665.16	0.04	-0.03	0.05
20.00	-64.98	-1.86	0.00	-230.11	0.00	230.11	5,458.35	1,399.80	7,262	6,452.65	0.08	-0.04	0.05
25.00	-63.06	-1.86	0.00	-220.83	0.00	220.83	5,387.86	1,371.94	6,976	6,241.61	0.12	-0.05	0.05
30.00	-61.18	-1.87	0.00	-211.51	0.00	211.51	5,315.82	1,344.09	6,696	6,032.16	0.17	-0.06	0.05
35.00	-59.33	-1.87	0.00	-202.17	0.00	202.17	5,242.22	1,316.23	6,421	5,824.40	0.24	-0.07	0.05
40.00	-57.51	-1.87	0.00	-192.81	0.00	192.81	5,167.09	1,288.38	6,152	5,618.45	0.31	-0.08	0.05
45.00	-56.85	-1.88	0.00	-183.44	0.00	183.44	5,090.40	1,260.52	5,889	5,414.42	0.40	-0.09	0.05

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
46.82	-54.76	-1.87	0.00	-180.03	0.00	180.03	5,062.11	1,250.39	5,795	5,340.67	0.43	-0.09	0.05
50.00	-52.38	-1.86	0.00	-174.09	0.00	174.09	5,012.16	1,232.67	5,632	5,212.41	0.50	-0.10	0.04
53.65	-51.90	-1.86	0.00	-167.30	0.00	167.30	5,014.93	1,233.64	5,641	5,219.44	0.57	-0.11	0.04
55.00	-50.16	-1.85	0.00	-164.80	0.00	164.80	4,993.60	1,226.14	5,572	5,165.35	0.60	-0.11	0.04
60.00	-48.45	-1.84	0.00	-155.55	0.00	155.55	4,913.45	1,198.28	5,322	4,966.00	0.72	-0.12	0.04
65.00	-46.77	-1.83	0.00	-146.34	0.00	146.34	4,831.76	1,170.43	5,078	4,768.91	0.85	-0.13	0.04
70.00	-45.13	-1.82	0.00	-137.18	0.00	137.18	4,748.52	1,142.58	4,839	4,574.21	0.99	-0.14	0.04
75.00	-43.52	-1.80	0.00	-128.09	0.00	128.09	4,663.73	1,114.72	4,606	4,382.00	1.14	-0.15	0.04
80.00	-41.94	-1.78	0.00	-119.08	0.00	119.08	4,577.39	1,086.87	4,379	4,192.39	1.30	-0.16	0.04
85.00	-40.40	-1.76	0.00	-110.16	0.00	110.16	4,483.15	1,059.01	4,157	3,999.83	1.48	-0.17	0.04
90.00	-38.90	-1.74	0.00	-101.35	0.00	101.35	4,365.24	1,031.16	3,941	3,791.17	1.66	-0.18	0.04
94.97	-38.88	-1.74	0.00	-92.70	0.00	92.70	4,247.97	1,003.46	3,732	3,589.20	1.86	-0.19	0.04
95.00	-36.37	-1.69	0.00	-92.65	0.00	92.65	4,247.32	1,003.30	3,731	3,588.09	1.86	-0.19	0.03
100.00	-36.13	-1.69	0.00	-84.20	0.00	84.20	4,129.40	975.45	3,527	3,390.61	2.06	-0.20	0.03
100.47	-34.96	-1.66	0.00	-83.41	0.00	83.41	3,522.83	850.82	3,130	2,948.50	2.08	-0.20	0.04
105.00	-33.69	-1.63	0.00	-75.89	0.00	75.89	3,457.66	829.20	2,973	2,819.74	2.28	-0.21	0.04
110.00	-32.45	-1.60	0.00	-67.72	0.00	67.72	3,384.20	805.32	2,805	2,679.63	2.51	-0.22	0.04
115.00	-31.24	-1.57	0.00	-59.71	0.00	59.71	3,308.12	781.45	2,641	2,540.99	2.75	-0.23	0.03
120.00	-30.06	-1.53	0.00	-51.86	0.00	51.86	3,207.05	757.57	2,482	2,387.35	3.00	-0.24	0.03
125.00	-28.90	-1.50	0.00	-44.20	0.00	44.20	3,105.98	733.70	2,328	2,238.49	3.25	-0.25	0.03
130.00	-22.02	-1.23	0.00	-36.72	0.00	36.72	3,004.91	709.82	2,179	2,094.44	3.52	-0.26	0.03
135.00	-20.96	-1.19	0.00	-30.57	0.00	30.57	2,903.84	685.95	2,035	1,955.17	3.80	-0.27	0.02
140.00	-19.92	-1.14	0.00	-24.63	0.00	24.63	2,802.76	662.07	1,896	1,820.69	4.09	-0.28	0.02
145.00	-19.17	-1.11	0.00	-18.91	0.00	18.91	2,701.69	638.20	1,761	1,691.01	4.38	-0.28	0.02
148.71	-18.98	-1.10	0.00	-14.81	0.00	14.81	2,626.73	620.49	1,665	1,597.92	4.60	-0.29	0.02
148.71	-18.98	-1.10	0.00	-14.81	0.00	14.81	1,686.34	420.37	1,146	1,046.99	4.60	-0.29	0.03
150.00	-18.89	-1.10	0.00	-13.39	0.00	13.39	1,675.25	416.33	1,124	1,030.02	4.68	-0.29	0.02
150.60	-18.82	-1.09	0.00	-12.73	0.00	12.73	1,670.07	414.45	1,114	1,022.16	4.72	-0.29	0.02
151.00	-18.29	-1.07	0.00	-12.29	0.00	12.29	1,666.60	413.20	1,107	1,016.93	4.74	-0.29	0.02
152.90	-18.14	-1.06	0.00	-10.27	0.00	10.27	1,650.01	407.25	1,076	992.18	4.86	-0.29	0.02
153.00	-12.89	-0.78	0.00	-10.16	0.00	10.16	1,649.13	406.93	1,074	990.88	4.87	-0.29	0.02
153.30	-12.32	-0.75	0.00	-9.93	0.00	9.93	1,646.48	405.99	1,069	986.99	4.88	-0.29	0.02
154.00	-12.07	-0.74	0.00	-9.40	0.00	9.40	1,640.30	403.80	1,058	977.93	4.93	-0.29	0.02
154.20	-11.85	-0.73	0.00	-9.25	0.00	9.25	1,638.53	403.17	1,054	975.34	4.94	-0.29	0.02
154.30	-11.62	-0.72	0.00	-9.18	0.00	9.18	1,637.64	402.86	1,053	974.05	4.95	-0.29	0.02
154.50	-11.55	-0.71	0.00	-9.04	0.00	9.04	1,635.86	402.24	1,049	971.47	4.96	-0.29	0.02
154.90	-11.52	-0.71	0.00	-8.75	0.00	8.75	1,632.30	400.98	1,043	966.31	4.98	-0.29	0.02
155.00	-11.09	-0.69	0.00	-8.68	0.00	8.68	1,631.41	400.67	1,041	965.02	4.99	-0.29	0.02
156.00	-10.82	-0.67	0.00	-7.99	0.00	7.99	1,622.46	397.54	1,025	952.16	5.05	-0.30	0.02
156.70	-10.23	-0.64	0.00	-7.52	0.00	7.52	1,616.16	395.35	1,014	943.19	5.09	-0.30	0.01
160.00	-5.17	-0.35	0.00	-5.41	0.00	5.41	1,586.07	385.01	962	901.22	5.30	-0.30	0.01
165.00	-4.72	-0.32	0.00	-3.66	0.00	3.66	1,539.23	369.35	885	838.71	5.62	-0.30	0.01
170.00	-4.29	-0.29	0.00	-2.04	0.00	2.04	1,490.89	353.69	811	777.61	5.93	-0.30	0.01
175.00	-4.12	-0.28	0.00	-0.57	0.00	0.57	1,431.01	338.03	741	713.01	6.25	-0.31	0.00
177.00	0.00	0.00	0.00	0.00	0.00	0.00	1,404.49	331.77	714	686.70	6.38	-0.31	0.00
180.00	0.00	0.00	0.00	0.00	0.00	0.00	1,364.72	322.37	674	648.16	6.57	-0.31	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	-50.55	-1.82	0.00	-261.95	0.00	261.95	5,724.86	1,511.21	8,464	7,310.45	0.00	0.00	0.05
5.00	-49.13	-1.83	0.00	-252.86	0.00	252.86	5,660.55	1,483.36	8,155	7,094.17	0.00	-0.01	0.04
10.00	-47.73	-1.83	0.00	-243.73	0.00	243.73	5,594.70	1,455.50	7,852	6,879.04	0.02	-0.02	0.04
15.00	-46.36	-1.84	0.00	-234.57	0.00	234.57	5,527.30	1,427.65	7,554	6,665.16	0.04	-0.03	0.04
20.00	-45.00	-1.84	0.00	-225.39	0.00	225.39	5,458.35	1,399.80	7,262	6,452.65	0.08	-0.04	0.04
25.00	-43.67	-1.85	0.00	-216.18	0.00	216.18	5,387.86	1,371.94	6,976	6,241.61	0.12	-0.05	0.04
30.00	-42.37	-1.85	0.00	-206.95	0.00	206.95	5,315.82	1,344.09	6,696	6,032.16	0.17	-0.06	0.04
35.00	-41.08	-1.85	0.00	-197.71	0.00	197.71	5,242.22	1,316.23	6,421	5,824.40	0.23	-0.06	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	-39.82	-1.85	0.00	-188.47	0.00	188.47	5,167.09	1,288.38	6,152	5,618.45	0.31	-0.07	0.04
45.00	-39.37	-1.85	0.00	-179.24	0.00	179.24	5,090.40	1,260.52	5,889	5,414.42	0.39	-0.08	0.04
46.82	-37.92	-1.84	0.00	-175.88	0.00	175.88	5,062.11	1,250.39	5,795	5,340.67	0.42	-0.09	0.04
50.00	-36.27	-1.83	0.00	-170.03	0.00	170.03	5,012.16	1,232.67	5,632	5,212.41	0.49	-0.10	0.04
53.65	-35.94	-1.83	0.00	-163.35	0.00	163.35	5,014.93	1,233.64	5,641	5,219.44	0.56	-0.10	0.04
55.00	-34.74	-1.82	0.00	-160.89	0.00	160.89	4,993.60	1,226.14	5,572	5,165.35	0.59	-0.11	0.04
60.00	-33.55	-1.81	0.00	-151.79	0.00	151.79	4,913.45	1,198.28	5,322	4,966.00	0.71	-0.12	0.04
65.00	-32.39	-1.80	0.00	-142.75	0.00	142.75	4,831.76	1,170.43	5,078	4,768.91	0.83	-0.13	0.04
70.00	-31.25	-1.78	0.00	-133.77	0.00	133.77	4,748.52	1,142.58	4,839	4,574.21	0.97	-0.14	0.04
75.00	-30.14	-1.76	0.00	-124.87	0.00	124.87	4,663.73	1,114.72	4,606	4,382.00	1.12	-0.15	0.04
80.00	-29.04	-1.75	0.00	-116.04	0.00	116.04	4,577.39	1,086.87	4,379	4,192.39	1.28	-0.16	0.03
85.00	-27.98	-1.72	0.00	-107.32	0.00	107.32	4,483.15	1,059.01	4,157	3,999.83	1.45	-0.17	0.03
90.00	-26.94	-1.70	0.00	-98.70	0.00	98.70	4,365.24	1,031.16	3,941	3,791.17	1.63	-0.18	0.03
94.97	-26.93	-1.70	0.00	-90.26	0.00	90.26	4,247.97	1,003.46	3,732	3,589.20	1.82	-0.19	0.03
95.00	-25.18	-1.65	0.00	-90.21	0.00	90.21	4,247.32	1,003.30	3,731	3,588.09	1.82	-0.19	0.03
100.00	-25.02	-1.65	0.00	-81.96	0.00	81.96	4,129.40	975.45	3,527	3,390.61	2.02	-0.20	0.03
100.47	-24.21	-1.62	0.00	-81.19	0.00	81.19	3,522.83	850.82	3,130	2,948.50	2.04	-0.20	0.03
105.00	-23.33	-1.59	0.00	-73.85	0.00	73.85	3,457.66	829.20	2,973	2,819.74	2.23	-0.21	0.03
110.00	-22.47	-1.56	0.00	-65.89	0.00	65.89	3,384.20	805.32	2,805	2,679.63	2.45	-0.22	0.03
115.00	-21.63	-1.53	0.00	-58.09	0.00	58.09	3,308.12	781.45	2,641	2,540.99	2.68	-0.23	0.03
120.00	-20.81	-1.49	0.00	-50.45	0.00	50.45	3,207.05	757.57	2,482	2,387.35	2.93	-0.24	0.03
125.00	-20.01	-1.45	0.00	-42.99	0.00	42.99	3,105.98	733.70	2,328	2,238.49	3.18	-0.25	0.03
130.00	-15.25	-1.20	0.00	-35.73	0.00	35.73	3,004.91	709.82	2,179	2,094.44	3.45	-0.26	0.02
135.00	-14.51	-1.16	0.00	-29.74	0.00	29.74	2,903.84	685.95	2,035	1,955.17	3.72	-0.26	0.02
140.00	-13.79	-1.11	0.00	-23.96	0.00	23.96	2,802.76	662.07	1,896	1,820.69	4.00	-0.27	0.02
145.00	-13.28	-1.08	0.00	-18.41	0.00	18.41	2,701.69	638.20	1,761	1,691.01	4.28	-0.28	0.02
148.71	-13.14	-1.07	0.00	-14.41	0.00	14.41	2,626.73	620.49	1,665	1,597.92	4.50	-0.28	0.01
148.71	-13.14	-1.07	0.00	-14.41	0.00	14.41	1,686.34	420.37	1,146	1,046.99	4.50	-0.28	0.02
150.00	-13.08	-1.06	0.00	-13.03	0.00	13.03	1,675.25	416.33	1,124	1,030.02	4.58	-0.28	0.02
150.60	-13.03	-1.06	0.00	-12.39	0.00	12.39	1,670.07	414.45	1,114	1,022.16	4.61	-0.28	0.02
151.00	-12.66	-1.04	0.00	-11.97	0.00	11.97	1,666.60	413.20	1,107	1,016.93	4.63	-0.28	0.02
152.90	-12.56	-1.03	0.00	-10.00	0.00	10.00	1,650.01	407.25	1,076	992.18	4.75	-0.29	0.02
153.00	-8.93	-0.76	0.00	-9.90	0.00	9.90	1,649.13	406.93	1,074	990.88	4.75	-0.29	0.02
153.30	-8.53	-0.73	0.00	-9.67	0.00	9.67	1,646.48	405.99	1,069	986.99	4.77	-0.29	0.02
154.00	-8.36	-0.72	0.00	-9.16	0.00	9.16	1,640.30	403.80	1,058	977.93	4.81	-0.29	0.01
154.20	-8.20	-0.71	0.00	-9.01	0.00	9.01	1,638.53	403.17	1,054	975.34	4.83	-0.29	0.01
154.30	-8.05	-0.70	0.00	-8.94	0.00	8.94	1,637.64	402.86	1,053	974.05	4.83	-0.29	0.01
154.50	-8.00	-0.69	0.00	-8.80	0.00	8.80	1,635.86	402.24	1,049	971.47	4.84	-0.29	0.01
154.90	-7.98	-0.69	0.00	-8.53	0.00	8.53	1,632.30	400.98	1,043	966.31	4.87	-0.29	0.01
155.00	-7.68	-0.67	0.00	-8.46	0.00	8.46	1,631.41	400.67	1,041	965.02	4.87	-0.29	0.01
156.00	-7.49	-0.65	0.00	-7.79	0.00	7.79	1,622.46	397.54	1,025	952.16	4.93	-0.29	0.01
156.70	-7.08	-0.62	0.00	-7.33	0.00	7.33	1,616.16	395.35	1,014	943.19	4.98	-0.29	0.01
160.00	-3.58	-0.34	0.00	-5.28	0.00	5.28	1,586.07	385.01	962	901.22	5.18	-0.29	0.01
165.00	-3.27	-0.32	0.00	-3.57	0.00	3.57	1,539.23	369.35	885	838.71	5.49	-0.29	0.01
170.00	-2.97	-0.29	0.00	-1.99	0.00	1.99	1,490.89	353.69	811	777.61	5.80	-0.30	0.01
175.00	-2.85	-0.28	0.00	-0.55	0.00	0.55	1,431.01	338.03	741	713.01	6.11	-0.30	0.00
177.00	0.00	0.00	0.00	0.00	0.00	0.00	1,404.49	331.77	714	686.70	6.23	-0.30	0.00
180.00	0.00	0.00	0.00	0.00	0.00	0.00	1,364.72	322.37	674	648.16	6.42	-0.30	0.00

ANALYSIS SUMMARY

Load Case	Base Reactions						Max Usage	
	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	35.25	0.00	72.57	0.00	0.00	4405.88	0.00	0.62
0.9D + 1.0W	35.23	0.00	54.42	0.00	0.00	4342.80	0.00	0.6
1.2D + 1.0Di + 1.0Wi	8.44	0.00	93.02	0.00	0.00	1045.67	0.00	0.16
1.2D + 1.0Ev + 1.0Eh	1.88	0.00	73.00	0.00	0.00	266.81	0.00	0.05
0.9D - 1.0Ev + 1.0Eh	1.85	0.00	50.55	0.00	0.00	261.95	0.00	0.04
1.0D + 1.0W	7.04	0.00	60.51	0.00	0.00	872.08	0.00	0.13

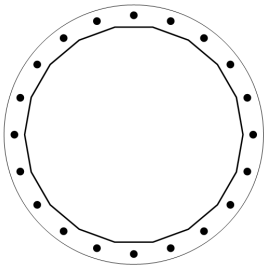
BASE PLATE ANALYSIS @ 0 FT

APPLIED REACTIONS

Moment (k-ft)	Axial (k)	Shear (k)
4405.88	72.57	35.25

PLATE PARAMETERS (ID# 16631)

Width:	75	in
Shape:	Round	
Thickness:	2.75	in
Grade:	A633 Gr. E	
Yield Strength:	60	ksi
Tensile Strength:	80	ksi
Rod Detail Type:	d	
Clear Distance	3.5	in
Base Weld Size:	0.125	in
Orientation Offset:	-	°
Analysis Type:	Plastic	
Neutral Axis:	36	°



ANCHOR ROD PARAMETERS

Class	Arrangement	Quantity	Diameter (in)	Circle (in)	Grade	F_y (ksi)	F_u (ksi)	Spacing (in)	Offset (°)
Original [ID#17020]	Radial	20	2.25	69	A615-75	75	100	-	-

COMPONENT PROPERTIES

Component	ID	Gross Area (in^2)	Net Area (in^2)	Individual Inertia (in^4)	Moment of Inertia (in^4)	Threads/in
Pole	62.45"ø x 0.4375" (18 Sides)	84.8008	-	-	40768.65	-
Bolt Group	Original (20) 2.25"ø	3.9761	3.2477	0.8393	35787.17	4.5

REACTION DISTRIBUTION

Component	ID	Moment M_u (k-ft)	Axial Load P_u (k)	Shear V_u (k)	Moment Factor
Pole	62.45"ø x 0.4375" (18 Sides)	4405.9	72.57	35.25	1.000
Bolt Group	Original (20) 2.25"ø	4405.9	-	35.25	1.000

BASE PLATE BEND LINE ANALYSIS @ 0 FT

POLE PROPERTIES

Flat-to-Flat Diameter:	62.58	in	Flat Width:	11.034	in	Neutral Axis:	36	°
Point-to-Point Diameter:	63.54	in	Flat Radians:	0.349	rad	Bend Line Limits:	1.676 to 2.722	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	36.396	0.00	68.812	394.9	3715.8	10.6%	✓
Corners	34.683	0.00	65.573	230.8	3541.0	6.5%	✓
Circumferential	47.124	0.00	89.093	670.4	4811.0	13.9%	✓

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	20	2.25	133.5	2.8	243.6	57.1%	✓

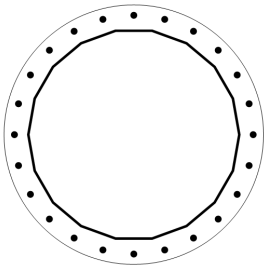
LOWER FLANGE PLATE ANALYSIS @ 148.7084 FT

APPLIED REACTIONS

Moment (k-ft)	Axial (k)	Shear (k)
199.87	17.29	16.9

PLATE PARAMETERS (ID# 16630)

Width:	37.5	in
Shape:	Round	
Thickness:	2	in
Grade:	A572-50	
Yield Strength:	50	ksi
Tensile Strength:	65	ksi
Base Weld Size:	0.313	in
Orientation Offset:	-	°
Analysis Type:	Plastic	
Neutral Axis:	23	°



FLANGE BOLT PARAMETERS

Class	Arrangement	Quantity	Diameter (in)	Circle (in)	Grade	F_y (ksi)	F_u (ksi)	Spacing (in)	Offset (°)
Original [ID#17021]	Radial	24	1	34.5	A325	92	120	-	-

COMPONENT PROPERTIES

Component	ID	Gross Area (in^2)	Net Area (in^2)	Individual Inertia (in^4)	Moment of Inertia (in^4)	Threads/in
Pole	30.0803"ø x 0.375" (18 Sides)	34.8183	-	-	3842.13	-
Bolt Group	Original (24) 1"ø	0.7854	0.6057	0.0292	2009.77	8.0

REACTION DISTRIBUTION

Component	ID	Moment M_u (k-ft)	Axial Load P_u (k)	Shear V_u (k)	Moment Factor
Pole	30.0803"ø x 0.375" (18 Sides)	199.9	17.29	16.90	1.000
Bolt Group	Original (24) 1"ø	199.9	-	16.90	1.000

LOWER FLANGE PLATE BEND LINE ANALYSIS @ 148.7084 FT

POLE PROPERTIES

Flat-to-Flat Diameter:	30.39	in	Flat Width:	5.359	in	Neutral Axis:	23	°
Point-to-Point Diameter:	30.86	in	Flat Radians:	0.349	rad	Bend Line Limits:	1.457 to 2.470	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	19.433	0.00	19.433	36.3	874.5	4.2%
Corners	18.680	0.00	18.680	26.6	840.6	3.2%
Circumferential	24.030	0.00	24.030	58.4	1081.4	5.4%

PLASTIC FLANGE BOLT ANALYSIS

Class	Group Quantity	Bolt Diameter (in)	Applied Axial Load P_u (k)	Applied Shear Load V_u (k)	Compressive Capacity ΦP_n (k)	Interaction Result
Original	24	1	10.8	1.1	54.5	22.8%

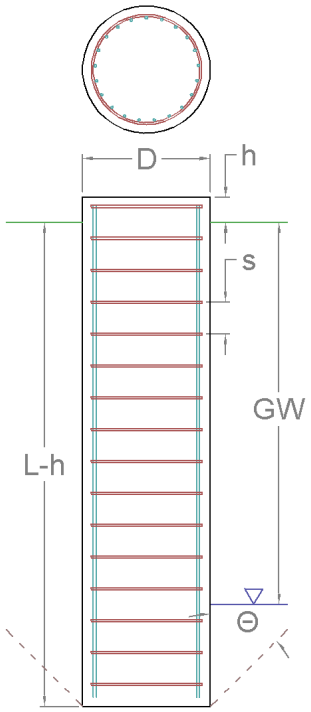
PIER FOUNDATION ANALYSIS

GLOBAL REACTIONS

Moment (k-ft)	Axial (k)	Shear (k)
4,405.88	72.57	35.25

FOUNDATION PARAMETERS

Pier Diameter:	D	8.00	ft
Pier Embedment Depth:	L-h	25.4	ft
Pier Height above Grade:	h	0.50	ft
Concrete Compressive Strength:		4,000	psi
Vertical Rebar:		(40) #10 bars [60 ksi]	
Tie Rebar:	s	#5 bars @ 6.0" c/c [40 ksi]	
Rebar Clear Cover:		3.00	in



SOIL PARAMETERS

Water Table Depth [BGL]: GW - ft

Layer Depth (ft) Top	Layer Depth (ft) Bottom	Unit Weight (pcf)	Cohesion (psf)	Friction Angle (°)	Ultimate Skin Friction (psf)	Ultimate Net Bearing (psf)
0	0.5	105	0	0	0	0
0.5	4	110	0	33	0	0
4	20	110	0	33	1,000	0
20	26.42	110	0	33	1,400	8,187

SOIL STRENGTH ANALYSIS

Volume of Concrete (ft^3)	Buoyant Weight of Concrete (k)	Skin Friction Resistance (k)	Inflection Point [BGL] (ft)
1,302.88	195.43	592.83	17.69

SOIL MOMENT ANALYSIS

Total Lateral Resistance (k)	Moment at Inflection Point, M_u (k-ft)	Additional Resistance (k-ft)	Nominal Moment Capacity, ΦM_n (k-ft)	Soil Moment Usage, $M_u / \Phi M_n$
2,376.88	5,047.21	0.00	8,669.46	**58.2%**

SOIL COMPRESSION ANALYSIS

Compressive Bearing Resistance (k)	Compressive Force, P_u (k)	Additional Resistance (k)	Nominal Compressive Capacity, ΦP_n (k)	Soil Compressive Usage, $P_u / \Phi P_n$
411.52	134.05	0.00	753.27	**17.8%**

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
87.48	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, $M_u/\Phi_b M_n$
4,430.02	9,780.65	0.01	**45.3%**

PIER REINFORCING COMPRESSION ANALYSIS

Buoyant Weight of Concrete (k)	Design Compression, P_u (k)	Nominal Compressive Capacity, $\Phi_p P_n$ (k)	Pier Rebar Compressive Usage, $P_u / \Phi_p P_n$
195.43	134.05	14,292.34	**0.9%**

PIER REINFORCING SHEAR ANALYSIS

Design Shear, V_u (k)	Nominal Shear Capacity, $\Phi_v V_n$ (k)	Pier Rebar Shear Usage, $V_u / \Phi_v V_n$
437.39	928.20	**47.1%**

EXHIBIT 4

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

Antenna Mount Analysis Report and PMI Requirements

Mount ReAnalysis

SMART Tool Project #: 10207615
Colliers Engineering & Design CT, P.C. Project #: 23777189

July 24, 2023

Site Information	*Site ID:*	*5000094194-VZW / WATERFORD SE CT*
	Site Name:	*WATERFORD SE CT*
	Carrier Name:	*Verizon Wireless*
	Address:	*15 Miner Lane* *Waterford, Connecticut 06385* *New London County*
	Latitude:	*41.329167°*
	Longitude:	*-72.124444°*
Structure Information	*Tower Type:*	*Monopole*
	Mount Type:	*12.50-Ft Platform*

FUZE ID # 17123894

Analysis Results

Platform: **73.7% 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: Grant Walters

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	*Verizon Wireless, Site ID: 1708491, Dated March 22, 2021*
Mount Mapping Report	*Hightower Solutions, Inc., Site #: 469063, Dated May 7, 2020*
Previous Mount Modification	*Maser Consulting Connecticut, Project #: 21777880 Dated June 30, 2021*
Filter Add Scope	*Provided by Verizon Wireless*

Analysis Criteria:

Codes and Standards:	ANSI/TIA-222-H 2022 Connecticut State Building Code (CSBC), Effective October 1, 2022	
Wind Parameters:	Basic Wind Speed (Ultimate 3-sec. Gust), V_{ULT}:	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:	0.997
Seismic Parameters:	S_S:	0.194 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
157.00	160.04	6	Commscope	JAHH-65B-R3B	Retained
		3	Samsung	MT6407-77A	
		3	Commscope	CBC78T-DS-43-2X	
		3	Samsung	B2/B66A RRH-BR049	
		3	Samsung	B5/B13 RRH-BR04C	
		2	Raycap	RRFDC-3315-PF-48*	
		2	KAelus	KA-6030	Added

* Equipment is flush mounted directly to the Monopole. They are not mounted on platform mount and are not included in this mount analysis.

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

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

Standard Conditions:

1. All engineering services are performed on the basis that the information provided to Colliers Engineering & Design 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 modifications 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
Face Horizontal	26.4 %	Pass
Standoff Horizontal	13.5 %	Pass
Platform Crossmember	11.9 %	Pass
Large Pipe	52.4 %	Pass
Mount Pipe	45.5 %	Pass
Corner Plate	29.7 %	Pass
Grating Support	15.9 %	Pass
Cross Arm Plate	35.5 %	Pass
Mod Support Rail	43.1 %	Pass
Connection Angle	73.7 %	Pass
Kicker	10.5 %	Pass
Mount Connection	22.6 %	Pass

Structure Rating – *(Controlling Utilization of all Components)*	**73.7%**

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	28.7	28.7	49.9	49.9
0.5	38.0	38.0	66.8	66.8
1	45.5	45.5	82.0	82.0

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 to confirm previous mount modification dated June 30, 2021 installed as designed.

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

Attachments:

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

Mount Desktop – Post Modification Inspection (PMI) Report Requirements

Documents & Photos Required from Contractor – Passing Mount Analysis

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

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

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

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MDG #: 5000094194 SMART Project #: 10207615 Fuze Project ID: 17123894

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 to confirm previous mount modification dated June 30, 2021 installed as designed.

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: **94194-VZW - WATERFORD SE CT**

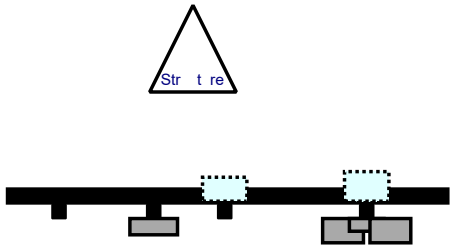
Se tor: **A** 7/19/2023

Str t re Type: Mo opole 10207615

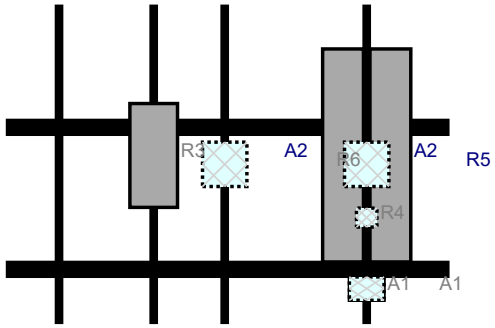
Mo t Elev: 157.00 P ge: 1

Colliers Engineering & Design

Plan View



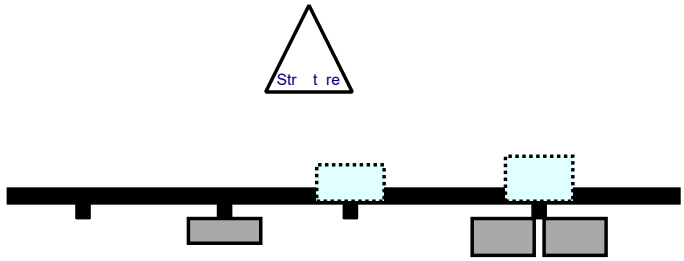
Front View - Loo i g t Str t re



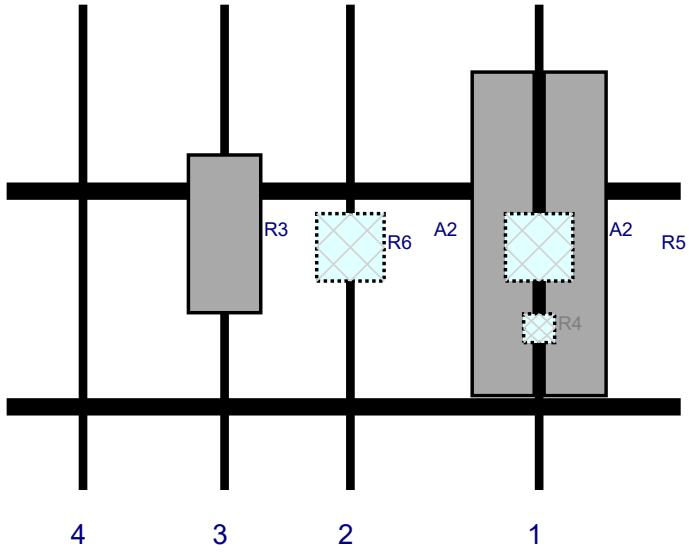
4 3 2 1

Re #	Model	Height (i)	Width (i)	H Dist Fr L.	Pipe #	Pipe Pos V	A t Pos	C. A t Fr T.	A t H O	St t s	V lid tio
A2	JAHH-65B-R3B	72	13.8	122	1		Fro t	51	8	Ret i ed	
A2	JAHH-65B-R3B	72	13.8	122	1		Fro t	51	-8	Ret i ed	
A1	A-6030	7.9	11.7	122	1		Fro t	96	0	Added	
A1	A-6030	7.9	11.7	122	1		Behi d	96	0	Added	
R4	CBC78T-DS-43-2	6.4	6.9	122	1		Behi d	72	0	Ret i ed	
R5	B2/B66A RRH-BR049 (RFV01U-D1A)	15	15	122	1		Behi d	54	0	Ret i ed	
R6	B5/B13 RRH-BR04C (RFV01U-D2A)	15	15	74	2		Behi d	54	0	Ret i ed	
R3	MT6407-77A	35.1	16.1	50	3		Fro t	51	0	Ret i ed	

Plan View

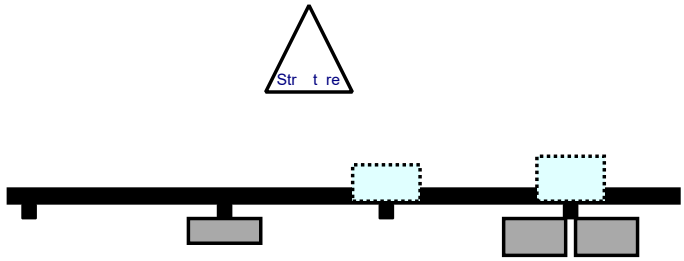


Front View - Loo i g t Str t re

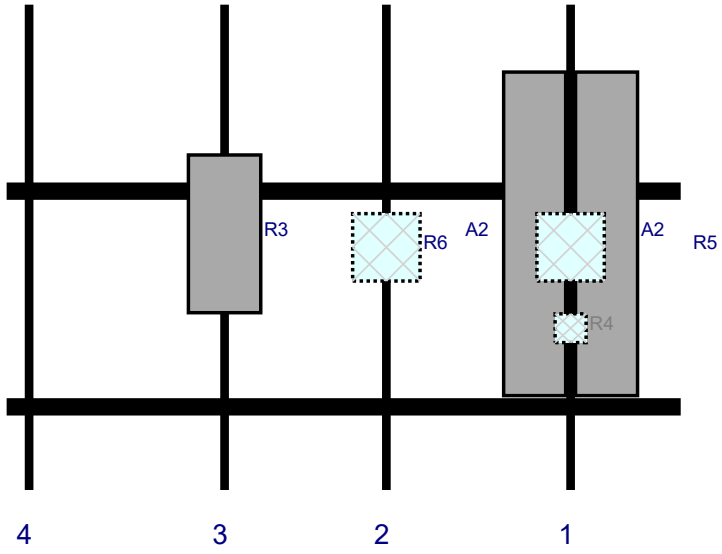


Re #	Model	Height (i)	Width (i)	H Dist Fr L.	Pipe #	Pipe Pos V	A t Pos	C. A t Fr T.	A t H O	St t s	V lid tio
A2	JAHH-65B-R3B	72	13.8	118.5	1		Fro t	51	8	Ret i ed	
A2	JAHH-65B-R3B	72	13.8	118.5	1		Fro t	51	-8	Ret i ed	
R4	CBC78T-DS-43-2	6.4	6.9	118.5	1		Behi d	72	0	Ret i ed	
R5	B2/B66A RRH-BR049 (RFV01U-D1A)	15	15	118.5	1		Behi d	54	0	Ret i ed	
R6	B5/B13 RRH-BR04C (RFV01U-D2A)	15	15	76.5	2		Behi d	54	0	Ret i ed	
R3	MT6407-77A	35.1	16.1	48.5	3		Fro t	51	0	Ret i ed	

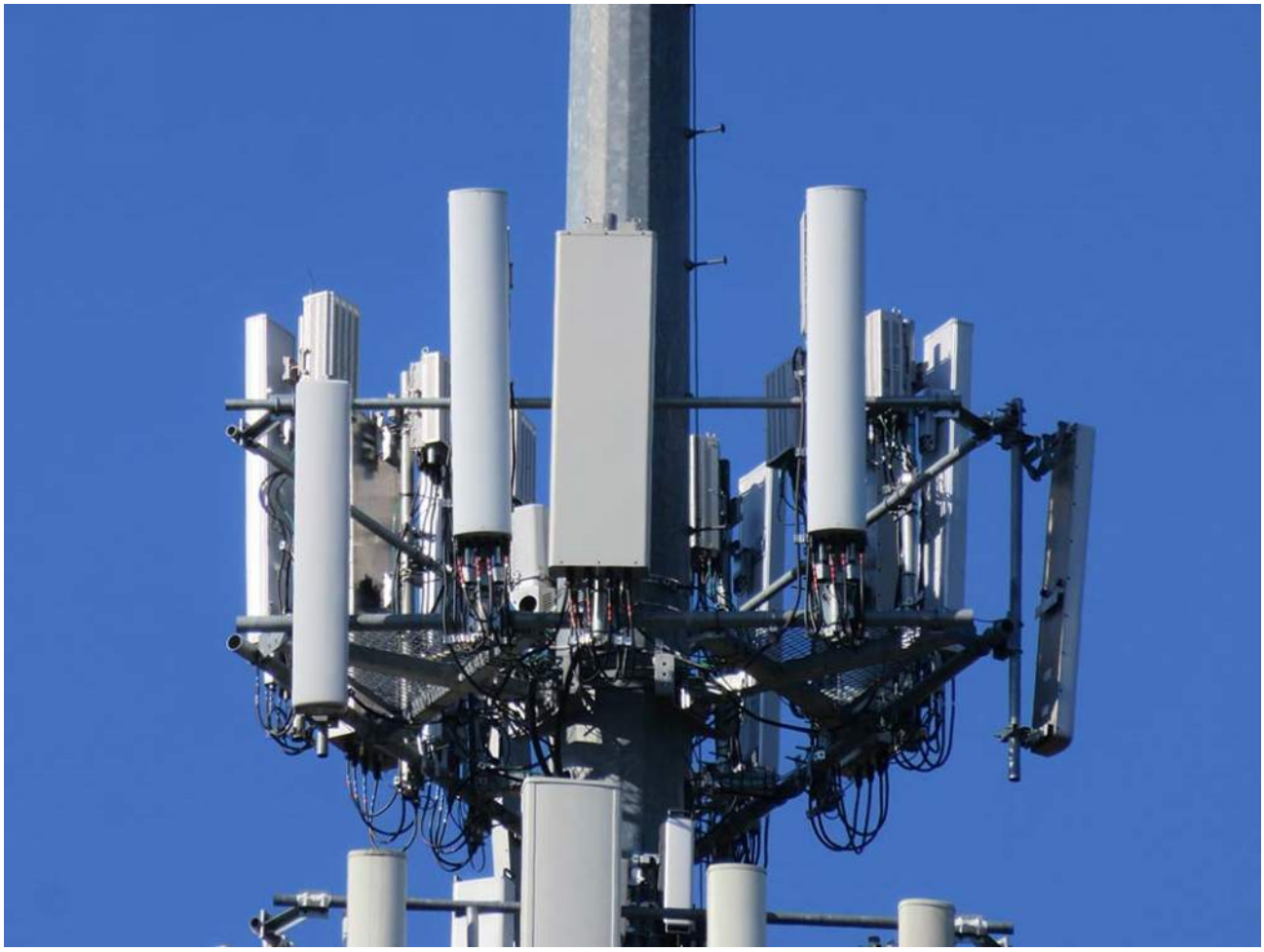
Plan View

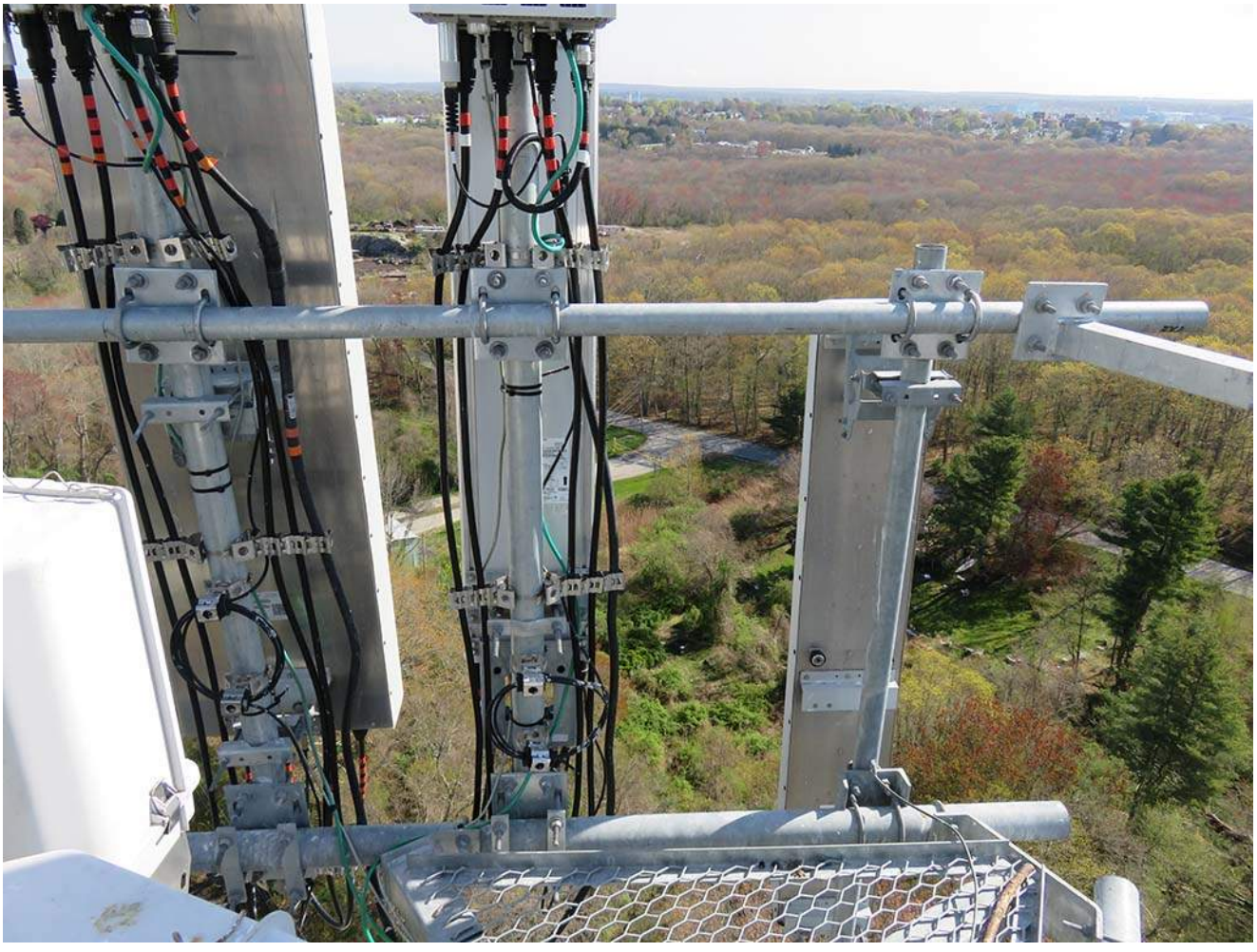


Front View - Loo i g t Str t re



Re #	Model	Height (i)	Width (i)	H Dist Fr L.	Pipe #	Pipe Pos V	A t Pos	C. A t Fr T.	A t H O	St t s	V lid tio
A2	JAHH-65B-R3B	72	13.8	125.5	1		Fro t	51	8	Ret i ed	
A2	JAHH-65B-R3B	72	13.8	125.5	1		Fro t	51	-8	Ret i ed	
R4	CBC78T-DS-43-2	6.4	6.9	125.5	1		Behi d	72	0	Ret i ed	
R5	B2/B66A RRH-BR049 (RFV01U-D1A)	15	15	125.5	1		Behi d	54	0	Ret i ed	
R6	B5/B13 RRH-BR04C (RFV01U-D2A)	15	15	84.5	2		Behi d	54	0	Ret i ed	
R3	MT6407-77A	35.1	16.1	48.5	3		Fro t	51	0	Ret i ed	



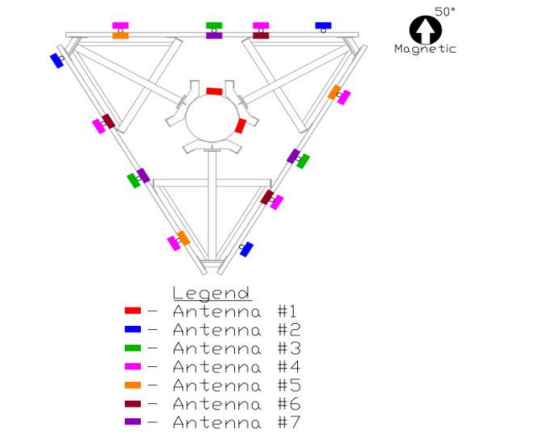


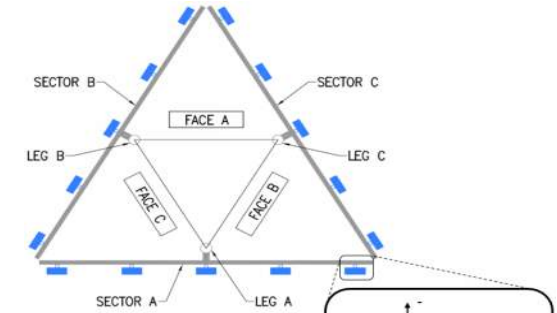
Updated on 3-03-2020

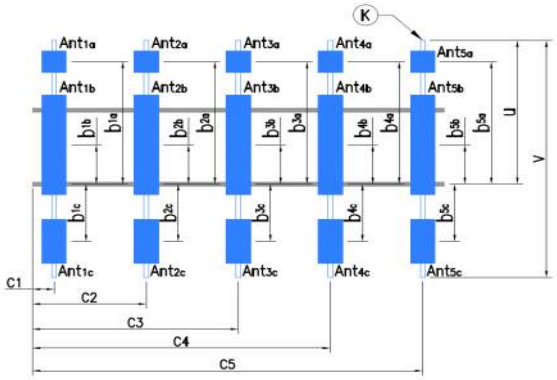
Antenna Mount Mapping Form (PATENT PENDING)

FCC # 1268713

Tower Owner:	American Tower Corp.	**Mapping Date:**	5/7/2020
Site Name:	NE WATERFORD SE CT	**Tower Type:**	Monopole
Site Number or ID:	469063	**Tower Height (Ft.):**	N/A
Mapping Contractor:	HighTower Solutions, Inc.	**Mount Elevation (Ft.):**	160'







Antenna Layout

Mount Azimuth (Degree) for Each Sector and Climbing Information				
Sector A:	50.00		Deg	
Sector B:	170.00		Deg	
Sector C:	290.00		Deg	
Sector D:			Deg	
Climbing	270.00		Deg	N/A
Climbing Facility	Corrosion Type:			Good condition.
	Access:			Climbing path was obstructed.
	Condition:			N/A

Mount Pipe Configuration and Geometries [Unit = Inches]

Sector / Position	Mount Pipe Size & Length	Vertical Offset Dimension "u"	Horizontal Offset "C1, C2, C3, etc."	Sector / Position	Mount Pipe Size & Length	Vertical Offset Dimension "u"	Horizontal Offset "C1, C2, C3, etc."
A1	7'T/2.38"Dia.Pipe x.15"	53.00	18.00	C1	7'T/2.38"Dia.Pipe x.15"	53.00	5.00
A2	9'T/2.88"Dia.Pipe x.18"	89.50	50.00	C2	9'T/2.88"Dia.Pipe x.18"	87.00	48.50
A3	9'T/2.88"Dia.Pipe x.18"	89.50	74.00	C3	9'T/2.88"Dia.Pipe x.18"	87.00	84.50
A4	9'T/2.88"Dia.Pipe x.18"	89.50	122.00	C4	9'T/2.88"Dia.Pipe x.18"	87.00	125.50
A5				C5			
A6				C6			
B1	7'T/2.38"Dia.Pipe x.15"	54.00	17.00	D1			
B2	9'T/2.88"Dia.Pipe x.18"	87.00	48.50	D2			
B3	9'T/2.88"Dia.Pipe x.18"	87.00	76.50	D3			
B4	9'T/2.88"Dia.Pipe x.18"	87.00	118.50	D4			
B5				D5			
B6				D6			

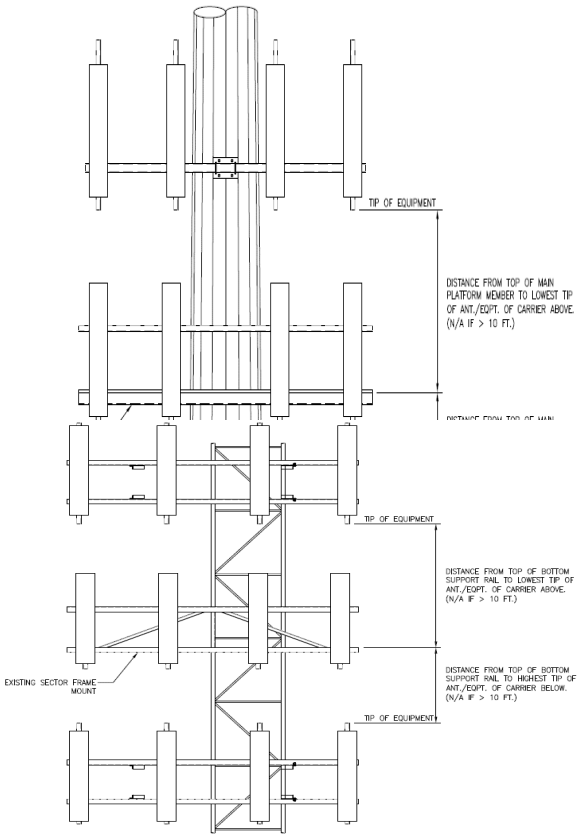
Distance from top of bottom support rail to lowest tip of ant./eqpt. of Carrier above. (N/A if > 10 ft.)	
Distance from top of bottom support rail to highest tip of ant./eqpt. of Carrier below. (N/A if > 10 ft.)	

Please enter additional infomation or comments below.

There are (2) RFS Squids (RRFDC-3315-PF-48) mounted to the tower at 55° and 155° / Height - 162'6" to Base / Dimensions - 19"Tx16"Wx11"

Tower Face Width at Mount Elev. (ft.):		Tower Leg Size or Pole Shaft Diameter at Mount Elev. (in.):	27.75

	Enter antenna model. If not labled, enter "Unknown".					Mounting Locations [Units are inches and degrees]			Photos of antennas
Ants. Items	Antenna Models if Known	Width (in.)	Depth (in.)	Height (in.)	Coax Size and Qty	Vertical Distances"b_{1a}, b_{2a}, b_{3a}, b_{1b}...." (In.)	Horiz. Offset "h" (Use "-" if Ant. is behind)	Antenna Azimuth (Degrees)	Photo Numbers
Sector A									
Ant_{1a}									
Ant_{1b}	BXA-70063-6CF-EDIN-	11.25	5.25	70.50	N/A	12.00	11.50	50.00	3867
Ant_{1c}									
Ant_{2a}									
Ant_{2b}	HBXX-6517DS-A2M	12.00	6.50	75.00	(2) 1 1/4"	51.00	9.00	50.00	3877
Ant_{2c}	UHFA, B25 RRH 4x30	12.25	7.00	21.00	(2) 1 1/4"	78.00	-7.50		3889
Ant_{3a}									
Ant_{3b}	QUAD656C0000G	20.50	7.25	74.25	(2) 1 1/4"	41.00	10.00	50.00	3872
Ant_{3c}	B13 RRH 4x30	12.00	7.50	21.00	(2) 1 1/4"	78.00	-6.50		3893
Ant_{4a}									
Ant_{4b}	HBXX-6517DS-A2M	12.00	6.50	75.00	(2) 1 1/4"	52.00	9.00	50.00	3877
Ant_{4c}	UHIE, B66a RRH 4x45	11.75	7.25	25.50	(2) 1 1/4"	78.00	-7.50		3885
Ant_{5a}									
Ant_{5b}									
Ant_{5c}									
Sector B									
Ant_{1a}									
Ant_{1b}	BXA-70063-6CF-EDIN-	11.25	5.25	70.50	N/A	12.00	10.50	170.00	3867
Ant_{1c}									
Ant_{2a}									
Ant_{2b}	HBXX-6517DS-A2M	12.00	6.50	75.00	(2) 1 1/4"	51.00	9.50	170.00	3877
Ant_{2c}	UHFA, B25 RRH 4x30	12.25	7.00	21.00	(2) 1 1/4"	78.00	-7.50		3889
Ant_{3a}									
Ant_{3b}	QUAD656C0000G	20.50	7.25	74.25	(2) 1 1/4"	42.00	10.50	170.00	3872
Ant_{3c}	B13 RRH 4x30	12.00	7.50	21.00	(2) 1 1/4"	79.00	-7.00		3893
Ant_{4a}									
Ant_{4b}	HBXX-6517DS-A2M	12.00	6.50	75.00	(2) 1 1/4"	49.00	8.50	170.00	3877
Ant_{4c}	UHIE, B66a RRH 4x45	11.75	7.25	25.50	(2) 1 1/4"	76.00	-7.00		3885
Ant_{5a}									
Ant_{5b}									
Ant_{5c}									



Sector C									
Ant_{1a}									
Ant_{1b}	BXA-70063-6CF-EDIN-	11.25	5.25	70.50	N/A	12.00	11.00	290.00	3867
Ant_{1c}									
Ant_{2a}									
Ant_{2b}	HBXX-6517DS-A2M	12.00	6.50	75.00	(2) 1 1/4"	50.00	8.50	290.00	3877
Ant_{2c}	UHFA, B25 RRH 4x30	12.25	7.00	21.00	(2) 1 1/4"	76.00	-7.50		3889
Ant_{3a}									
Ant_{3b}	QUAD656C0000G	20.50	7.25	74.25	(2) 1 1/4"	42.00	10.50	290.00	3872
Ant_{3c}	B13 RRH 4x30	12.00	7.50	21.00	(2) 1 1/4"	78.00	-7.00		3893
Ant_{4a}									
Ant_{4b}	HBXX-6517DS-A2M	12.00	6.50	75.00	(2) 1 1/4"	49.00	9.00	290.00	3877
Ant_{4c}	UHIE, B66a RRH 4x45	11.75	7.25	25.50	(2) 1 1/4"	76.00	-7.50		3885
Ant_{5a}									
Ant_{5b}									
Ant_{5c}									

Sector D									
Ant_{1a}									
Ant_{1b}									
Ant_{1c}									
Ant_{2a}									
Ant_{2b}									
Ant_{2c}									
Ant_{3a}									
Ant_{3b}									
Ant_{3c}									
Ant_{4a}									
Ant_{4b}									
Ant_{4c}									
Ant_{5a}									
Ant_{5b}									
Ant_{5c}									

Observed Safety and Structural Issues During the Mount Mapping		
Issue #	Description of Issue	Photo #
1		
2		
3		
4		
5		
6		
7	a	
8		

Mapping Notes

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

Standard Conditions

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

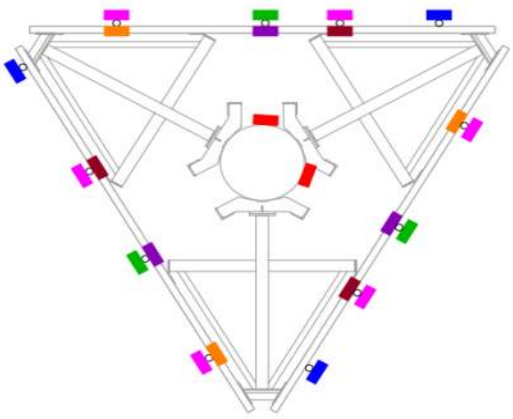
Updated on 3-03-2020

Antenna Mount Mapping Form (PATENT PENDING)

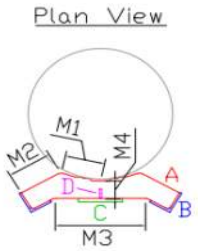
FCC # 1268713

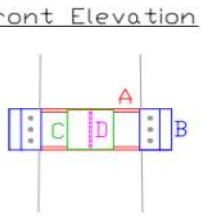
Tower Owner:	American Tower Corp.	**Mapping Date:**	5/7/2020
Site Name:	NE WATERFORD SE CT	**Tower Type:**	Monopole
Site Number or ID:	469063	**Tower Height (Ft.):**	N/A
Mapping Contractor:	HighTower Solutions, Inc.	**Mount Elevation (Ft.):**	160'

Please Insert Sketches of the Antenna Mount

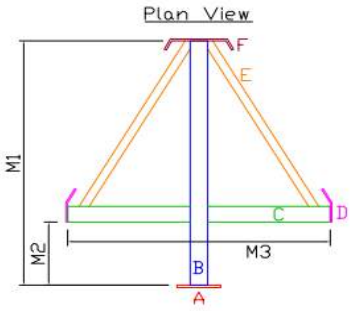


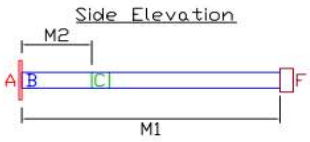
Legend
- Antenna #1
- Antenna #2
- Antenna #3
- Antenna #4
- Antenna #5
- Antenna #6
- Antenna #7

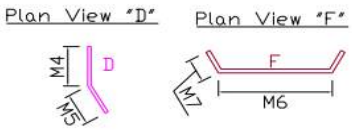


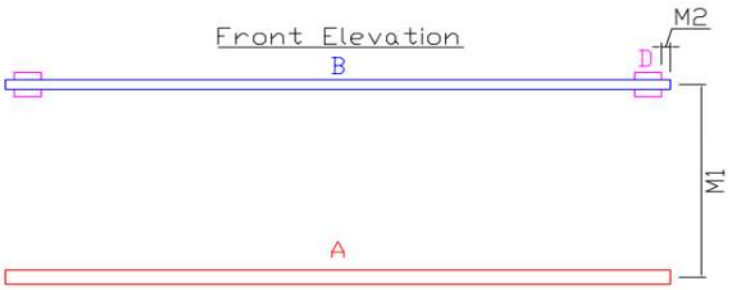


A	.62" Flat	Welded
B	8.50"T/4"x4"x.38" Angle	3-.62" All Thread
C	8.25"Tx8.50"Wx.75" Flat	Welded
D	8.25"Tx2"Wx.38" Flat	Welded
M1	6.75"	
M2	7.50"	
M3	16.50"	
M4	3.25"	
	Measurement of Gap at All Thread	15"

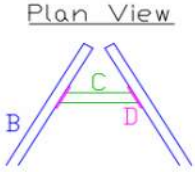








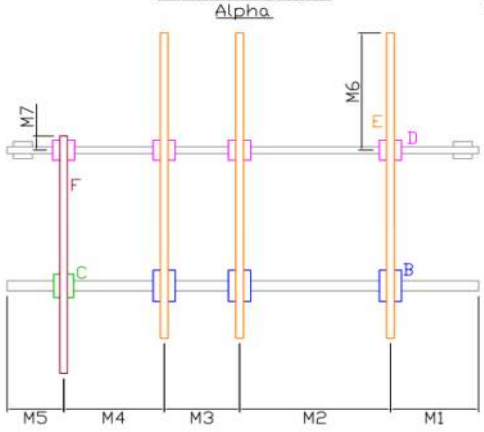
A	8"Tx8"Wx.75"Flat	4-.62"
B	5'2"L/4"Sq.Tube x.237"	Welded
C	2'4.50"L/4"Sq.Tube x.237"	Welded
D	6"Tx.38"	Welded
E	4'4"L/2"x2"x.25" Angle	Welded
F	6"Tx.50"	Welded
M1	5'2"	
M2	16"	
M3	5'1"	
M4	5.25"	
M5	3.50"	
M6	12.75"	
M7	3.25"	



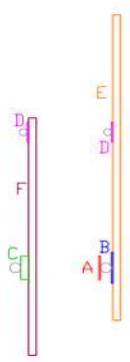
A	12'6"L/3.50"Dia.Pipe x.20"	1-.50" U-Bolt
B	12'6.25"L/2.38"Dia.Pipe x.15"	2-.50" U-Bolt
C	15.50"L/2.50"x2.50"x.22" Angle	Welded
D	6"Tx6"Wx.38"Flat	2-.50" U-Bolt
M1	4'	
M2	2"	

Please Insert Sketches of the Antenna Mount, cont'd

Front Elevation
Alpha

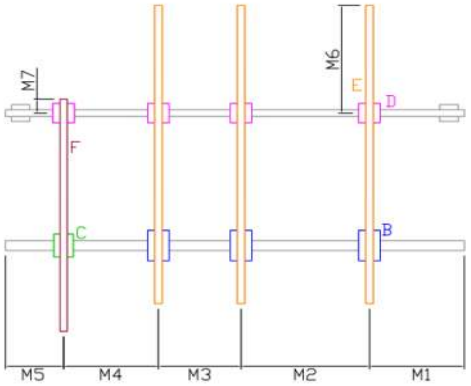


Side Elevation

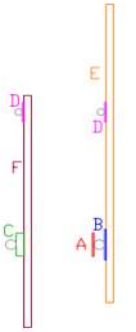


A	8.50"Tx1.50"Wx.38"Flat	2-.50" All Thread
B	11"Tx7"Wx.38" Flat	Sharing A
C	8.25"T/2.50"x6.25"x.32" Channel	2-.50" U-Bolt
D	7"Tx7"Wx.38"Flat	2-.50" U-Bolt
E	9'T/2.88"Dia.Pipe x.18"	2-.50" U-Bolt
F	7'T/2.38"Dia.Pipe x.15"	2-.50" U-Bolt
M1	2'4"	
M2	4'	
M3	2'	
M4	2'8"	
M5	1'6"	
M6	3'5.50"	
M7	5"	

Front Elevation
Beta

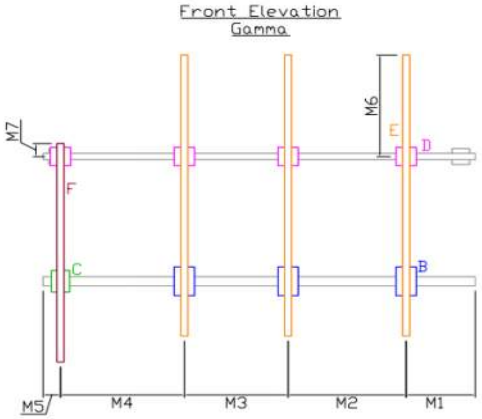


Side Elevation

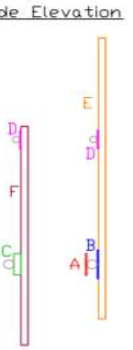


A	8.50"Tx1.50"Wx.38"Flat	2-.50" All Thread
B	11"Tx7"Wx.38" Flat	Sharing A
C	8.25"T/2.50"x6.25"x.32" Channel	2-.50" U-Bolt
D	7"Tx7"Wx.38"Flat	2-.50" U-Bolt
E	9'T/2.88"Dia.Pipe x.18"	2-.50" U-Bolt
F	7'T/2.38"Dia.Pipe x.15"	2-.50" U-Bolt
M1	2'7.5"	
M2	3'6"	
M3	2'4"	
M4	2'7.5"	
M5	1'5"	
M6	3'3"	
M7	6"	

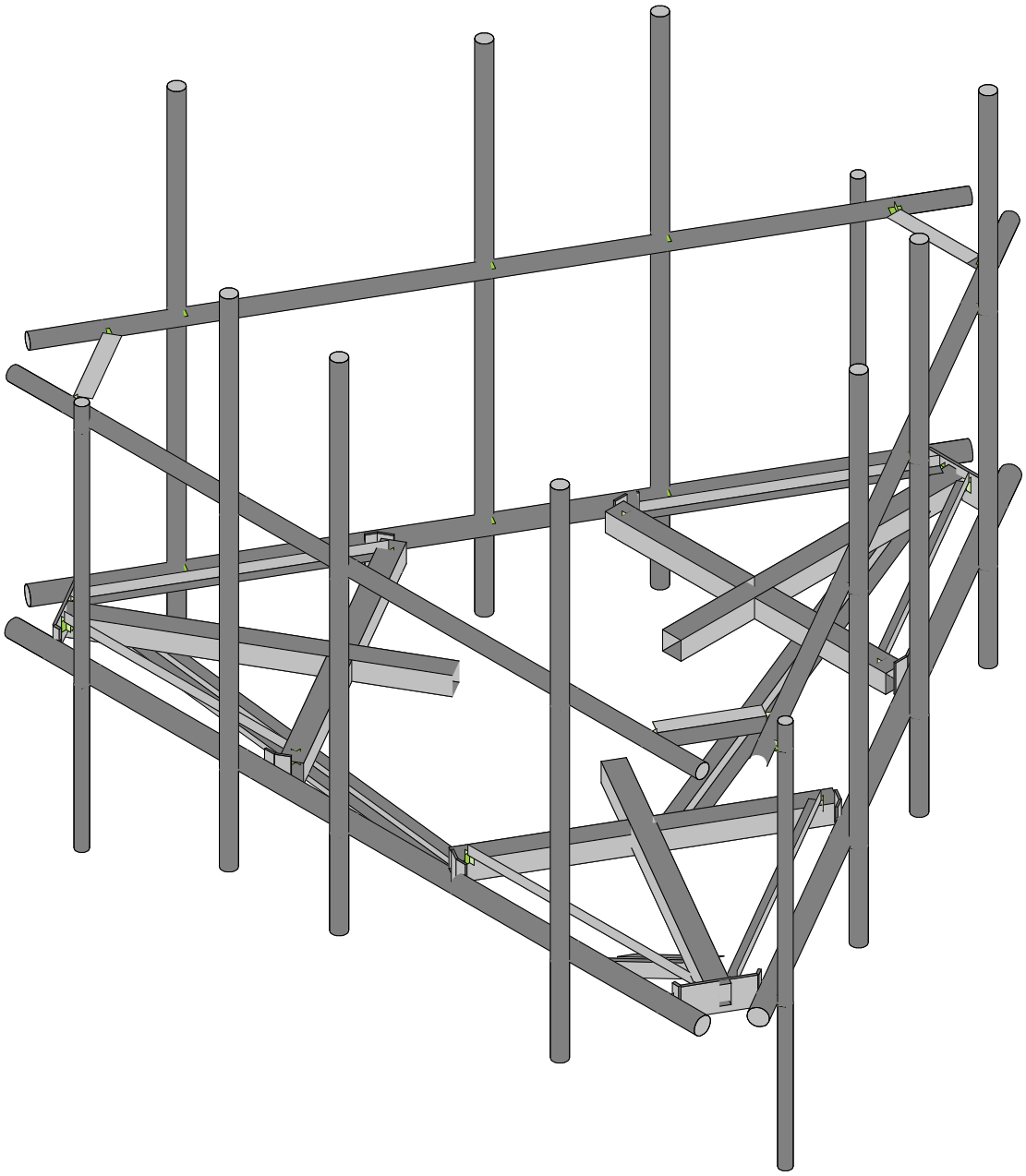
Front Elevation
Gamma



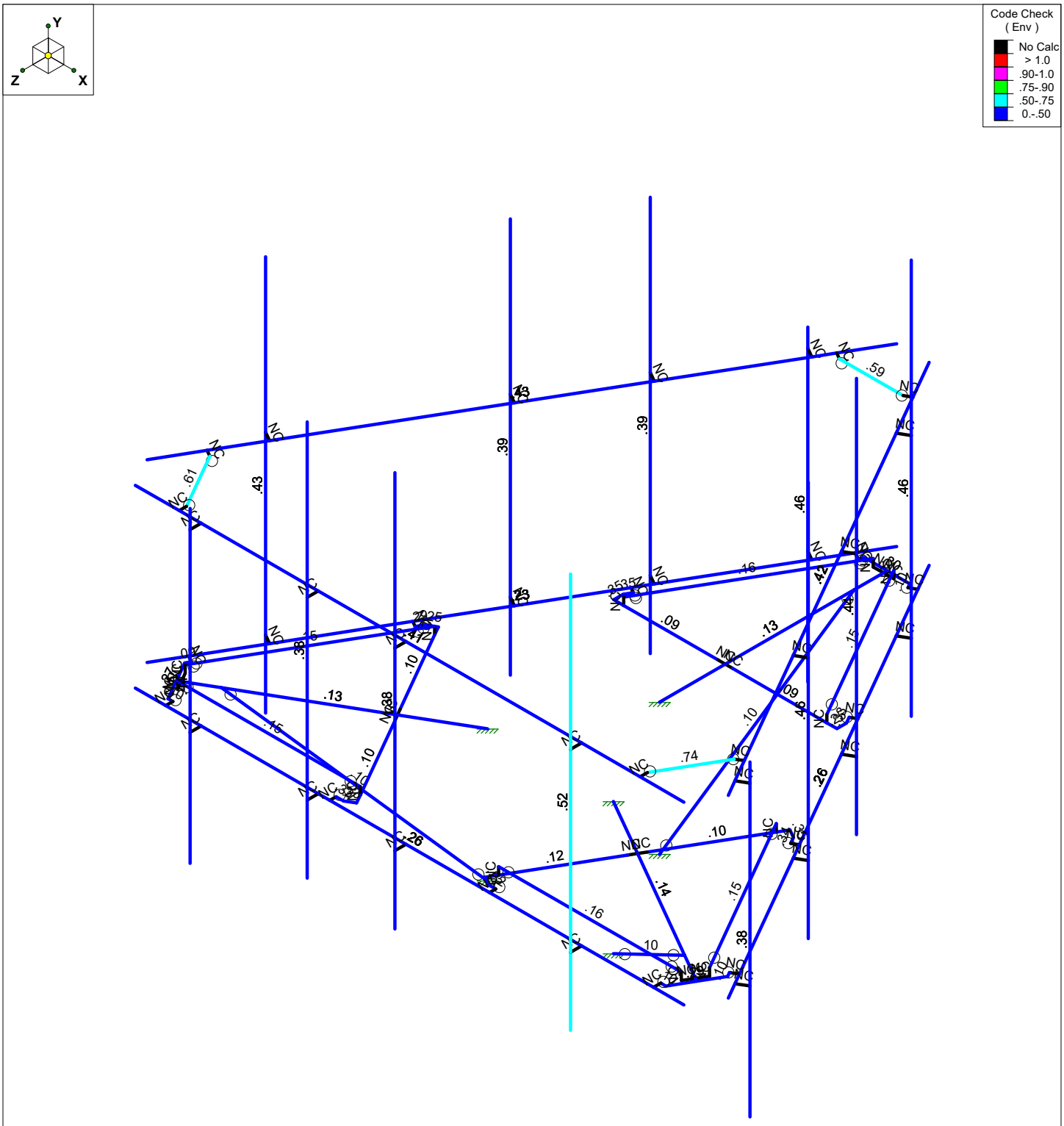
Side Elevation



A	8.50"Tx1.50"Wx.38"Flat	2-.50" All Thread
B	11"Tx7"Wx.38" Flat	Sharing A
C	8.25"T/2.50"x6.25"x.32" Channel	2-.50" U-Bolt
D	7"Tx7"Wx.38"Flat	2-.50" U-Bolt
E	9'T/2.88"Dia.Pipe x.18"	2-.50" U-Bolt
F	7'T/2.38"Dia.Pipe x.15"	2-.50" U-Bolt
M1	2'.5"	
M2	3'5"	
M3	3'	
M4	3'7.5"	
M5	5"	
M6	3'3"	
M7	5"	

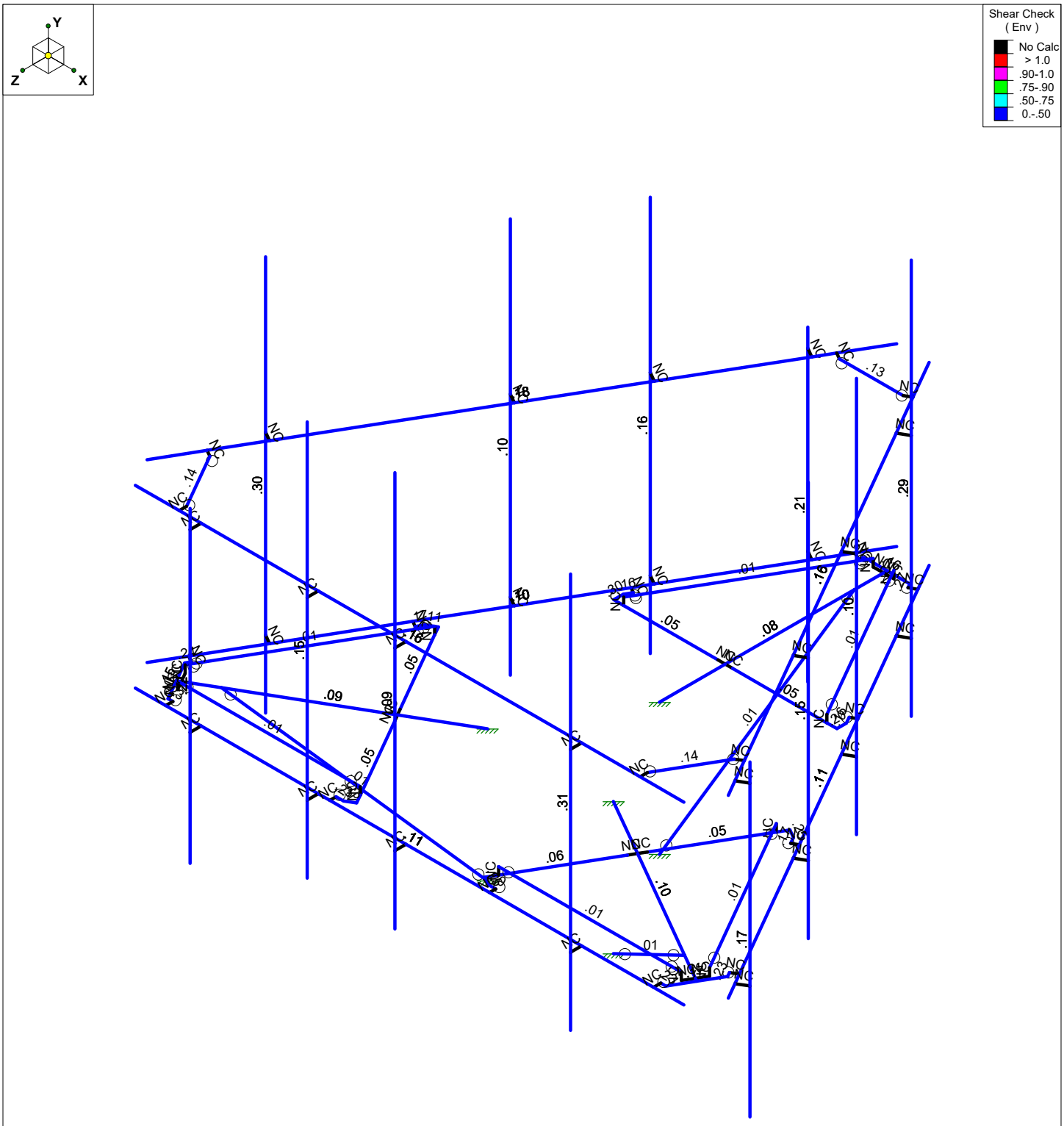


		SK - 1
		July 19, 2023 at 1:31 PM
		5000094194-VZW_MT_LO_H.r3d



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

		SK - 2
		July 19, 2023 at 1:31 PM
		5000094194-VZW_MT_LO_H.r3d



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

		SK - 3
		July 19, 2023 at 1:31 PM
		5000094194-VZW_MT_LO_H.r3d

Basic Load Cases

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed	Area(Me...	Surface(...
1	Antenna D	None					87			
2	Antenna Di	None					87			
3	Antenna Wo (0 Deg)	None					87			
4	Antenna Wo (30 Deg)	None					87			
5	Antenna Wo (60 Deg)	None					87			
6	Antenna Wo (90 Deg)	None					87			
7	Antenna Wo (120 Deg)	None					87			
8	Antenna Wo (150 Deg)	None					87			
9	Antenna Wo (180 Deg)	None					87			
10	Antenna Wo (210 Deg)	None					87			
11	Antenna Wo (240 Deg)	None					87			
12	Antenna Wo (270 Deg)	None					87			
13	Antenna Wo (300 Deg)	None					87			
14	Antenna Wo (330 Deg)	None					87			
15	Antenna Wi (0 Deg)	None					87			
16	Antenna Wi (30 Deg)	None					87			
17	Antenna Wi (60 Deg)	None					87			
18	Antenna Wi (90 Deg)	None					87			
19	Antenna Wi (120 Deg)	None					87			
20	Antenna Wi (150 Deg)	None					87			
21	Antenna Wi (180 Deg)	None					87			
22	Antenna Wi (210 Deg)	None					87			
23	Antenna Wi (240 Deg)	None					87			
24	Antenna Wi (270 Deg)	None					87			
25	Antenna Wi (300 Deg)	None					87			
26	Antenna Wi (330 Deg)	None					87			
27	Antenna Wm (0 Deg)	None					87			
28	Antenna Wm (30 Deg)	None					87			
29	Antenna Wm (60 Deg)	None					87			
30	Antenna Wm (90 Deg)	None					87			
31	Antenna Wm (120 Deg)	None					87			
32	Antenna Wm (150 Deg)	None					87			
33	Antenna Wm (180 Deg)	None					87			
34	Antenna Wm (210 Deg)	None					87			
35	Antenna Wm (240 Deg)	None					87			
36	Antenna Wm (270 Deg)	None					87			
37	Antenna Wm (300 Deg)	None					87			
38	Antenna Wm (330 Deg)	None					87			
39	Structure D	None		-1					3	
40	Structure Di	None						60	3	
41	Structure Wo (0 Deg)	None						120		
42	Structure Wo (30 Deg)	None						120		
43	Structure Wo (60 Deg)	None						120		
44	Structure Wo (90 Deg)	None						120		
45	Structure Wo (120 Deg)	None						120		
46	Structure Wo (150 Deg)	None						120		
47	Structure Wo (180 Deg)	None						120		
48	Structure Wo (210 Deg)	None						120		
49	Structure Wo (240 Deg)	None						120		
50	Structure Wo (270 Deg)	None						120		
51	Structure Wo (300 Deg)	None						120		
52	Structure Wo (330 Deg)	None						120		
53	Structure Wi (0 Deg)	None						120		
54	Structure Wi (30 Deg)	None						120		
55	Structure Wi (60 Deg)	None						120		
56	Structure Wi (90 Deg)	None						120		

Basic Load Cases (Continued)

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed	Area(Me...	Surface(...
57	Structure Wi (120 Deg)	None						120		
58	Structure Wi (150 Deg)	None						120		
59	Structure Wi (180 Deg)	None						120		
60	Structure Wi (210 Deg)	None						120		
61	Structure Wi (240 Deg)	None						120		
62	Structure Wi (270 Deg)	None						120		
63	Structure Wi (300 Deg)	None						120		
64	Structure Wi (330 Deg)	None						120		
65	Structure Wm (0 Deg)	None						120		
66	Structure Wm (30 Deg)	None						120		
67	Structure Wm (60 Deg)	None						120		
68	Structure Wm (90 Deg)	None						120		
69	Structure Wm (120 Deg)	None						120		
70	Structure Wm (150 Deg)	None						120		
71	Structure Wm (180 Deg)	None						120		
72	Structure Wm (210 Deg)	None						120		
73	Structure Wm (240 Deg)	None						120		
74	Structure Wm (270 Deg)	None						120		
75	Structure Wm (300 Deg)	None						120		
76	Structure Wm (330 Deg)	None						120		
77	Lm1	None					1			
78	Lm2	None					1			
79	Lv1	None					1			
80	Lv2	None					1			
81	Antenna Ev	None					87			
82	Antenna Eh (0 Deg)	None					58			
83	Antenna Eh (90 Deg)	None					58			
84	Structure Ev	ELY		-.041					3	
85	Structure Eh (0 Deg)	ELZ			-.103				3	
86	Structure Eh (90 Deg)	ELX	.103						3	
87	BLC 39 Transient Area Loads	None						30		
88	BLC 40 Transient Area Loads	None						30		
89	BLC 84 Transient Area Loads	None						30		
90	BLC 85 Transient Area Loads	None						30		
91	BLC 86 Transient Area Loads	None						30		

Load Combinations

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

Load Combinations (Continued)

	Description	Solve	PDelta	S...	B...	Fa...	B...	Fa...	B...	Fa...	BLC	Fa...	BLC	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...
18	1.2D + 1.0Di + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	20	1	58	1								
19	1.2D + 1.0Di + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	21	1	59	1								
20	1.2D + 1.0Di + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	22	1	60	1								
21	1.2D + 1.0Di + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	23	1	61	1								
22	1.2D + 1.0Di + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	24	1	62	1								
23	1.2D + 1.0Di + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	25	1	63	1								
24	1.2D + 1.0Di + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	26	1	64	1								
25	1.2D + 1.5Lm1 + 1...	Yes	Y		1	1.2	39	1.2	77	1.5	27	1	65	1										
26	1.2D + 1.5Lm1 + 1...	Yes	Y		1	1.2	39	1.2	77	1.5	28	1	66	1										
27	1.2D + 1.5Lm1 + 1...	Yes	Y		1	1.2	39	1.2	77	1.5	29	1	67	1										
28	1.2D + 1.5Lm1 + 1...	Yes	Y		1	1.2	39	1.2	77	1.5	30	1	68	1										
29	1.2D + 1.5Lm1 + 1...	Yes	Y		1	1.2	39	1.2	77	1.5	31	1	69	1										
30	1.2D + 1.5Lm1 + 1...	Yes	Y		1	1.2	39	1.2	77	1.5	32	1	70	1										
31	1.2D + 1.5Lm1 + 1...	Yes	Y		1	1.2	39	1.2	77	1.5	33	1	71	1										
32	1.2D + 1.5Lm1 + 1...	Yes	Y		1	1.2	39	1.2	77	1.5	34	1	72	1										
33	1.2D + 1.5Lm1 + 1...	Yes	Y		1	1.2	39	1.2	77	1.5	35	1	73	1										
34	1.2D + 1.5Lm1 + 1...	Yes	Y		1	1.2	39	1.2	77	1.5	36	1	74	1										
35	1.2D + 1.5Lm1 + 1...	Yes	Y		1	1.2	39	1.2	77	1.5	37	1	75	1										
36	1.2D + 1.5Lm1 + 1...	Yes	Y		1	1.2	39	1.2	77	1.5	38	1	76	1										
37	1.2D + 1.5Lm2 + 1...	Yes	Y		1	1.2	39	1.2	78	1.5	27	1	65	1										
38	1.2D + 1.5Lm2 + 1...	Yes	Y		1	1.2	39	1.2	78	1.5	28	1	66	1										
39	1.2D + 1.5Lm2 + 1...	Yes	Y		1	1.2	39	1.2	78	1.5	29	1	67	1										
40	1.2D + 1.5Lm2 + 1...	Yes	Y		1	1.2	39	1.2	78	1.5	30	1	68	1										
41	1.2D + 1.5Lm2 + 1...	Yes	Y		1	1.2	39	1.2	78	1.5	31	1	69	1										
42	1.2D + 1.5Lm2 + 1...	Yes	Y		1	1.2	39	1.2	78	1.5	32	1	70	1										
43	1.2D + 1.5Lm2 + 1...	Yes	Y		1	1.2	39	1.2	78	1.5	33	1	71	1										
44	1.2D + 1.5Lm2 + 1...	Yes	Y		1	1.2	39	1.2	78	1.5	34	1	72	1										
45	1.2D + 1.5Lm2 + 1...	Yes	Y		1	1.2	39	1.2	78	1.5	35	1	73	1										
46	1.2D + 1.5Lm2 + 1...	Yes	Y		1	1.2	39	1.2	78	1.5	36	1	74	1										
47	1.2D + 1.5Lm2 + 1...	Yes	Y		1	1.2	39	1.2	78	1.5	37	1	75	1										
48	1.2D + 1.5Lm2 + 1...	Yes	Y		1	1.2	39	1.2	78	1.5	38	1	76	1										
49	1.2D + 1.5Lv1	Yes	Y		1	1.2	39	1.2	79	1.5														
50	1.2D + 1.5Lv2	Yes	Y		1	1.2	39	1.2	80	1.5														
51	1.4D	Yes	Y		1	1.4	39	1.4																
52	1.2D + 1.0Ev + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	1	83		E...	1	E...					
53	1.2D + 1.0Ev + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	.866	83	.5	E...	.866	E...	.5				
54	1.2D + 1.0Ev + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	.5	83	.866	E...	.5	E...	.866				
55	1.2D + 1.0Ev + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82		83	1	E...		E...	1				
56	1.2D + 1.0Ev + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	-.5	83	.866	E...	-.5	E...	.866				
57	1.2D + 1.0Ev + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	-.8...	83	.5	E...	-.8...	E...	.5				
58	1.2D + 1.0Ev + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	-1	83		E...	-1	E...					
59	1.2D + 1.0Ev + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	-.8...	83	-.5	E...	-.8...	E...	-.5				
60	1.2D + 1.0Ev + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	-.5	83	-.8...	E...	-.5	E...	-.8...				
61	1.2D + 1.0Ev + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82		83	-1	E...		E...	-1				
62	1.2D + 1.0Ev + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	.5	83	-.8...	E...	.5	E...	-.8...				
63	1.2D + 1.0Ev + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	.866	83	-.5	E...	.866	E...	-.5				
64	0.9D - 1.0Ev + 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	1	83		E...	1	E...					
65	0.9D - 1.0Ev + 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	.866	83	.5	E...	.866	E...	.5				
66	0.9D - 1.0Ev + 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	.5	83	.866	E...	.5	E...	.866				
67	0.9D - 1.0Ev + 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82		83	1	E...		E...	1				
68	0.9D - 1.0Ev + 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	-.5	83	.866	E...	-.5	E...	.866				
69	0.9D - 1.0Ev + 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	-.8...	83	.5	E...	-.8...	E...	.5				
70	0.9D - 1.0Ev + 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	-1	83		E...	-1	E...					
71	0.9D - 1.0Ev + 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	-.8...	83	-.5	E...	-.8...	E...	-.5				
72	0.9D - 1.0Ev + 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	-.5	83	-.8...	E...	-.5	E...	-.8...				
73	0.9D - 1.0Ev + 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82		83	-1	E...		E...	-1				
74	0.9D - 1.0Ev + 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	.5	83	-.8...	E...	.5	E...	-.8...				

Load Combinations (Continued)

	Description	Solve	PDelta	S...	B...	Fa...	B...	Fa...	B...	Fa...	BLC	Fa...	BLC	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...
75	0.9D - 1.0Ev + 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	.866	83	-.5	E...	.866	E...	-.5				

Joint Coordinates and Temperatures

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
1	N1	6.25	0	4.034498	0	
2	N2	-6.25	0	4.034498	0	
3	N3	-0.	0	-1.656291	0	
4	N5	-2.541667	0	-3.156291	0	
5	N6	2.315104	0.166667	-3.156291	0	
6	N7	-2.315104	0.166667	-3.156291	0	
7	N8	3.916667	0	4.034498	0	
8	N9	3.916667	0	4.284498	0	
9	N10	-4.75	0	4.034498	0	
10	N11	-4.75	0	4.284498	0	
11	N12	-0.083667	0	4.034498	0	
12	N13	-0.083667	0	4.284498	0	
13	N14	-2.0833	0	4.034498	0	
14	N15	-2.0833	0	4.284498	0	
15	N16	-2.0833	-1.54167	4.284498	0	
16	N17	-2.0833	7.45833	4.284498	0	
17	N18	-4.75	-2.583	4.284498	0	
18	N19	-4.75	4.417	4.284498	0	
19	N20	-0.083667	-1.54167	4.284498	0	
20	N21	-0.083667	7.45833	4.284498	0	
21	N22	3.916667	-1.54167	4.284498	0	
22	N23	3.916667	7.45833	4.284498	0	
23	N24	-0.	0	-3.156291	0	
24	N27	-0.	0	-6.843791	0	
25	CP	0	0	0	0	
26	N29	2.315104	0	-3.156291	0	
27	N30	-2.315104	0	-3.156291	0	
28	N101	2.541667	0	-3.156291	0	
29	N102	-0.166667	0	-3.156291	0	
30	N103A	0.166667	0	-3.156291	0	
31	N104A	-2.541667	0	-3.375041	0	
32	N105	2.541667	0	-3.375041	0	
33	N131	2.458333	0	-3.519379	0	
34	N135	0.571615	0	-6.746815	0	
35	N144	-2.458333	0	-3.519379	0	
36	N148	-0.571615	0	-6.746815	0	
37	N86A	2.584629	0	-3.592296	0	
38	N86B	-2.584629	0	-3.592296	0	
39	N86C	-0.515625	0	-6.843791	0	
40	N87A	0.515625	0	-6.843791	0	
41	N86D	0.715429	0	-6.829846	0	
42	N86E	-0.715429	0	-6.829846	0	
43	N88A	-0.	0	-6.760458	0	
44	N87C	0.234238	0.166667	-6.760458	0	
45	N86G	0.234238	0	-6.760458	0	
46	N87B	-0.234238	0.166667	-6.760458	0	
47	N88C	-0.234238	0	-6.760458	0	
48	N52	-1.43439	0	0.828146	0	
49	N53	-1.462595	0	3.779294	0	
50	N54	-3.890981	0.166667	-0.426793	0	
51	N55	-1.575876	0.166667	3.583085	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
52	N56	-2.733428	0	1.578146	0	
53	N57	-5.926897	0	3.421896	0	
54	N59	-3.890981	0	-0.426793	0	
55	N60	-1.575876	0	3.583085	0	
56	N61	-4.004262	0	-0.623002	0	
57	N62	-2.650095	0	1.722483	0	
58	N63	-2.816762	0	1.433808	0	
59	N64	-1.652038	0	3.888669	0	
60	N65	-4.193705	0	-0.513627	0	
61	N66	-4.277038	0	-0.36929	0	
62	N67	-6.12872	0	2.878375	0	
63	N68	-1.818705	0	3.888669	0	
64	N69	-5.557105	0	3.86844	0	
65	N70	-4.403334	0	-0.442206	0	
66	N71	-1.818705	0	4.034502	0	
67	N72	-5.669085	0	3.86844	0	
68	N73	-6.18471	0	2.975351	0	
69	N74	-6.272534	0	2.795343	0	
70	N75	-5.557105	0	4.034502	0	
71	N76	-5.854728	0	3.380229	0	
72	N77	-5.971847	0.166667	3.177373	0	
73	N78	-5.971847	0	3.177373	0	
74	N79	-5.73761	0.166667	3.583085	0	
75	N80	-5.73761	0	3.583085	0	
76	N81	1.43439	0	0.828146	0	
77	N82	4.004262	0	-0.623002	0	
78	N83	1.575876	0.166667	3.583085	0	
79	N84	3.890981	0.166667	-0.426793	0	
80	N85	2.733428	0	1.578146	0	
81	N86	5.926897	0	3.421896	0	
82	N88	1.575876	0	3.583085	0	
83	N89	3.890981	0	-0.426793	0	
84	N90	1.462595	0	3.779294	0	
85	N91	2.816762	0	1.433808	0	
86	N92	2.650095	0	1.722483	0	
87	N93	4.193705	0	-0.513627	0	
88	N94	1.652038	0	3.888669	0	
89	N95	1.818705	0	3.888669	0	
90	N96	5.557105	0	3.86844	0	
91	N97	4.277038	0	-0.36929	0	
92	N98	6.12872	0	2.878375	0	
93	N99	1.818705	0	4.034502	0	
94	N100	4.403334	0	-0.442207	0	
95	N101A	6.18471	0	2.975351	0	
96	N102A	5.669085	0	3.86844	0	
97	N103	5.557105	0	4.034502	0	
98	N104	6.272534	0	2.795343	0	
99	N105A	5.854728	0	3.380229	0	
100	N106	5.73761	0.166667	3.583085	0	
101	N107	5.73761	0	3.583085	0	
102	N108	5.971847	0.166667	3.177373	0	
103	N109	5.971847	0	3.177373	0	
104	N104B	0.368978	0	-7.429908	0	
105	N105B	6.618978	0	3.39541	0	
106	N106A	1.389645	0	-5.662061	0	
107	N107A	1.606151	0	-5.787061	0	
108	N108A	6.410478	0	3.034277	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
109	N109A	6.626984	0	2.909277	0	
110	N110	3.098043	0	-2.703029	0	
111	N111	3.314549	0	-2.828029	0	
112	N112	4.598128	0	-0.104805	0	
113	N113	4.814634	0	-0.229805	0	
114	N114	4.814634	-1.54167	-0.229805	0	
115	N115	4.814634	7.45833	-0.229805	0	
116	N116	6.626984	-2.583	2.909277	0	
117	N117	6.626984	4.417	2.909277	0	
118	N118	3.314549	-1.54167	-2.828029	0	
119	N119	3.314549	7.45833	-2.828029	0	
120	N120	1.606151	-1.54167	-5.787061	0	
121	N121	1.606151	7.45833	-5.787061	0	
122	N123	-6.618978	0	3.39541	0	
123	N124	-0.368978	0	-7.429908	0	
124	N125	-5.598311	0	1.627563	0	
125	N126	-5.814818	0	1.502563	0	
126	N127	-1.077478	0	-6.20275	0	
127	N128	-1.293984	0	-6.32775	0	
128	N129	-3.55633	0	-1.909253	0	
129	N130	-3.772836	0	-2.034253	0	
130	N131A	-2.389828	0	-3.929693	0	
131	N132	-2.606334	0	-4.054693	0	
132	N133	-2.606334	-1.54167	-4.054693	0	
133	N134	-2.606334	7.45833	-4.054693	0	
134	N135A	-1.293984	-2.583	-6.32775	0	
135	N136	-1.293984	4.417	-6.32775	0	
136	N137	-3.772836	-1.54167	-2.034253	0	
137	N138	-3.772836	7.45833	-2.034253	0	
138	N139	-5.814818	-1.54167	1.502563	0	
139	N140	-5.814818	7.45833	1.502563	0	
140	N140A	6.25	4	4.034498	0	
141	N141	-6.25	4	4.034498	0	
142	N142	3.916667	4	4.034498	0	
143	N143	3.916667	4	4.284498	0	
144	N144A	-4.75	4	4.034498	0	
145	N145	-4.75	4	4.284498	0	
146	N146	-0.083667	4	4.034498	0	
147	N147	-0.083667	4	4.284498	0	
148	N148A	-2.0833	4	4.034498	0	
149	N149	-2.0833	4	4.284498	0	
150	N151	0.368978	4	-7.429908	0	
151	N152	6.618978	4	3.39541	0	
152	N153	1.389645	4	-5.662061	0	
153	N154	1.606151	4	-5.787061	0	
154	N155	6.410478	4	3.034277	0	
155	N156	6.626984	4	2.909277	0	
156	N157	3.098043	4	-2.703029	0	
157	N158	3.314549	4	-2.828029	0	
158	N159	4.598128	4	-0.104805	0	
159	N160	4.814634	4	-0.229805	0	
160	N162	-6.618978	4	3.39541	0	
161	N163	-0.368978	4	-7.429908	0	
162	N164	-5.598311	4	1.627563	0	
163	N165	-5.814818	4	1.502563	0	
164	N166	-1.077478	4	-6.20275	0	
165	N167	-1.293984	4	-6.32775	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
166	N168	-3.55633	4	-1.909253	0	
167	N169	-3.772836	4	-2.034253	0	
168	N170	-2.389828	4	-3.929693	0	
169	N171	-2.606334	4	-4.054693	0	
170	N170A	-5.25	4	4.034498	0	
171	N171A	5.25	4	4.034498	0	
172	N172	-5.25	4	3.867498	0	
173	N173	5.25	4	3.867498	0	
174	N175	6.118978	4	2.529384	0	
175	N176	0.868978	4	-6.563882	0	
176	N177	5.974352	4	2.612884	0	
177	N178	0.724352	4	-6.480382	0	
178	N180	-0.868978	4	-6.563882	0	
179	N181	-6.118978	4	2.529384	0	
180	N182	-0.724352	4	-6.480382	0	
181	N183	-5.974352	4	2.612884	0	
182	N182A	-0.	0	-6.093791	0	
183	N183A	-0.	-3	-1.656291	0	
184	N185	-5.277378	0	3.046896	0	
185	N186	-1.43439	-3	0.828146	0	
186	N188	5.277378	0	3.046896	0	
187	N189	1.43439	-3	0.828146	0	

Hot Rolled Steel Section Sets

	Label	Shape	Type	Design List	Material	Design ...	A [in2]	Iyy [in4]	Izz [in4]	J [in4]
1	Face Horizontal	PIPE_3.0	Beam	Pipe	A53 Gr.B	Typical	2.07	2.85	2.85	5.69
2	Standoff Horizontal	HSS4X4X4	Beam	SquareTube	A500 Gr.B Rect	Typical	3.37	7.8	7.8	12.8
3	Corner Plate	PL1/2x6	Beam	BAR	A36 Gr.36	Typical	3	.063	9	.237
4	Platform Crossmember	HSS4X4X4	Beam	SquareTube	A500 Gr.B Rect	Typical	3.37	7.8	7.8	12.8
5	Grating Support	L2x2x4	Beam	Single Angle	A36 Gr.36	Typical	.944	.346	.346	.021
6	Mount Pipe	PIPE_2.0	Column	Pipe	A53 Gr.B	Typical	1.02	.627	.627	1.25
7	Cross Arm Plate	PL3/8x6	Column	RECT	A36 Gr.36	Typical	2.25	.026	6.75	.101
8	Support Rail	PIPE_2.0	Column	Pipe	A53 Gr.B	Typical	1.02	.627	.627	1.25
9	Connection Angle	L3X3X4	Column	Single Angle	A36 Gr.36	Typical	1.44	1.23	1.23	.031
10	Large Pipe	PIPE_2.5	Column	Pipe	A53 Gr.B	Typical	1.61	1.45	1.45	2.89
11	Mod Support Rail	PIPE_2.5	Column	Pipe	A53 Gr.B	Typical	1.61	1.45	1.45	2.89
12	Kicker	LL3x3x3x6	Column	Double Angl...	A36 Gr.36	Typical	2.18	4.97	1.9	.027

Hot Rolled Steel Properties

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

Member Primary Data

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
1	M1	N2	N1			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
2	M4	N3	N27			Standoff Horizontal	Beam	SquareTube	A500 Gr.B...	Typical
3	M10	N101	N103A			Platform Crossme...	Beam	SquareTube	A500 Gr.B...	Typical
4	M19	N8	N9			RIGID	None	None	RIGID	Typical
5	M20	N10	N11			RIGID	None	None	RIGID	Typical
6	M21	N12	N13			RIGID	None	None	RIGID	Typical
7	M22	N14	N15			RIGID	None	None	RIGID	Typical
8	MP3A	N17	N16			Large Pipe	Column	Pipe	A53 Gr.B	Typical
9	MP4A	N19	N18			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
10	MP2A	N21	N20			Large Pipe	Column	Pipe	A53 Gr.B	Typical
11	MP1A	N23	N22			Large Pipe	Column	Pipe	A53 Gr.B	Typical
12	M43	N102	N5			Platform Crossme...	Beam	SquareTube	A500 Gr.B...	Typical
13	M46	N86C	N87A			Corner Plate	Beam	BAR	A36 Gr.36	Typical
14	M35A	N7	N30			RIGID	None	None	RIGID	Typical
15	M36A	N6	N29			RIGID	None	None	RIGID	Typical
16	M51B	N87C	N6			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
17	M52B	N7	N87B			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
18	M52	N87B	N88C			RIGID	None	None	RIGID	Typical
19	M58	N102	N24			RIGID	None	None	RIGID	Typical
20	M59	N24	N103A			RIGID	None	None	RIGID	Typical
21	M76	N101	N105			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
22	M77	N105	N131			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
23	M79	N131	N86A			RIGID	None	None	RIGID	Typical
24	M80	N87A	N135			Corner Plate	Beam	BAR	A36 Gr.36	Typical
25	M83	N135	N86D			RIGID	None	None	RIGID	Typical
26	M84	N5	N104A			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
27	M85	N104A	N144			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
28	M88	N144	N86B			RIGID	None	None	RIGID	Typical
29	M91	N86C	N148			Corner Plate	Beam	BAR	A36 Gr.36	Typical
30	M92	N148	N86E			RIGID	None	None	RIGID	Typical
31	M50	N88C	N88A			RIGID	None	None	RIGID	Typical
32	M51	N88A	N86G			RIGID	None	None	RIGID	Typical
33	M51A	N87C	N86G			RIGID	None	None	RIGID	Typical
34	M34	N52	N57			Standoff Horizontal	Beam	SquareTube	A500 Gr.B...	Typical
35	M35	N61	N63			Platform Crossme...	Beam	SquareTube	A500 Gr.B...	Typical
36	M36	N62	N53			Platform Crossme...	Beam	SquareTube	A500 Gr.B...	Typical
37	M37	N72	N73			Corner Plate	Beam	BAR	A36 Gr.36	Typical
38	M38	N55	N60			RIGID	None	None	RIGID	Typical
39	M39	N54	N59			RIGID	None	None	RIGID	Typical
40	M40	N77	N54			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
41	M41	N55	N79			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
42	M42	N79	N80			RIGID	None	None	RIGID	Typical
43	M43A	N62	N56			RIGID	None	None	RIGID	Typical
44	M44	N56	N63			RIGID	None	None	RIGID	Typical
45	M45	N61	N65			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
46	M46A	N65	N66			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
47	M47	N66	N70			RIGID	None	None	RIGID	Typical
48	M48	N73	N67			Corner Plate	Beam	BAR	A36 Gr.36	Typical
49	M49	N67	N74			RIGID	None	None	RIGID	Typical
50	M50A	N53	N64			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
51	M51C	N64	N68			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
52	M52A	N68	N71			RIGID	None	None	RIGID	Typical
53	M53	N72	N69			Corner Plate	Beam	BAR	A36 Gr.36	Typical
54	M54	N69	N75			RIGID	None	None	RIGID	Typical
55	M55	N80	N76			RIGID	None	None	RIGID	Typical
56	M56	N76	N78			RIGID	None	None	RIGID	Typical
57	M57	N77	N78			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
58	M58A	N81	N86			Standoff Horizontal	Beam	SquareTube	A500 Gr.B...	Typical
59	M59A	N90	N92			Platform Crossme...	Beam	SquareTube	A500 Gr.B...	Typical
60	M60	N91	N82			Platform Crossme...	Beam	SquareTube	A500 Gr.B...	Typical
61	M61	N101A	N102A			Corner Plate	Beam	BAR	A36 Gr.36	Typical
62	M62	N84	N89			RIGID	None	None	RIGID	Typical
63	M63	N83	N88			RIGID	None	None	RIGID	Typical
64	M64	N106	N83			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
65	M65	N84	N108			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
66	M66	N108	N109			RIGID	None	None	RIGID	Typical
67	M67	N91	N85			RIGID	None	None	RIGID	Typical
68	M68	N85	N92			RIGID	None	None	RIGID	Typical
69	M69	N90	N94			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
70	M70	N94	N95			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
71	M71	N95	N99			RIGID	None	None	RIGID	Typical
72	M72	N102A	N96			Corner Plate	Beam	BAR	A36 Gr.36	Typical
73	M73	N96	N103			RIGID	None	None	RIGID	Typical
74	M74	N82	N93			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
75	M75	N93	N97			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
76	M76A	N97	N100			RIGID	None	None	RIGID	Typical
77	M77A	N101A	N98			Corner Plate	Beam	BAR	A36 Gr.36	Typical
78	M78	N98	N104			RIGID	None	None	RIGID	Typical
79	M79A	N109	N105A			RIGID	None	None	RIGID	Typical
80	M80A	N105A	N107			RIGID	None	None	RIGID	Typical
81	M81	N106	N107			RIGID	None	None	RIGID	Typical
82	M82	N104B	N105B			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
83	M83A	N106A	N107A			RIGID	None	None	RIGID	Typical
84	M84A	N108A	N109A			RIGID	None	None	RIGID	Typical
85	M85A	N110	N111			RIGID	None	None	RIGID	Typical
86	M86	N112	N113			RIGID	None	None	RIGID	Typical
87	MP3C	N115	N114			Large Pipe	Column	Pipe	A53 Gr.B	Typical
88	MP4C	N117	N116			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
89	MP2C	N119	N118			Large Pipe	Column	Pipe	A53 Gr.B	Typical
90	MP1C	N121	N120			Large Pipe	Column	Pipe	A53 Gr.B	Typical
91	M91A	N123	N124			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
92	M92A	N125	N126			RIGID	None	None	RIGID	Typical
93	M93	N127	N128			RIGID	None	None	RIGID	Typical
94	M94	N129	N130			RIGID	None	None	RIGID	Typical
95	M95	N131A	N132			RIGID	None	None	RIGID	Typical
96	MP3B	N134	N133			Large Pipe	Column	Pipe	A53 Gr.B	Typical
97	MP4B	N136	N135A			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
98	MP2B	N138	N137			Large Pipe	Column	Pipe	A53 Gr.B	Typical
99	MP1B	N140	N139			Large Pipe	Column	Pipe	A53 Gr.B	Typical
100	M100	N140A	N141			Mod Support Rail	Column	Pipe	A53 Gr.B	Typical
101	M101	N142	N143			RIGID	None	None	RIGID	Typical
102	M102	N144A	N145			RIGID	None	None	RIGID	Typical
103	M103	N146	N147			RIGID	None	None	RIGID	Typical
104	M104	N148A	N149			RIGID	None	None	RIGID	Typical
105	M105	N151	N152			Mod Support Rail	Column	Pipe	A53 Gr.B	Typical
106	M106	N153	N154			RIGID	None	None	RIGID	Typical
107	M107	N155	N156			RIGID	None	None	RIGID	Typical
108	M108	N157	N158			RIGID	None	None	RIGID	Typical
109	M109	N159	N160			RIGID	None	None	RIGID	Typical
110	M110	N162	N163			Mod Support Rail	Column	Pipe	A53 Gr.B	Typical
111	M111	N164	N165			RIGID	None	None	RIGID	Typical
112	M112	N166	N167			RIGID	None	None	RIGID	Typical
113	M113	N168	N169			RIGID	None	None	RIGID	Typical
114	M114	N170	N171			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
115	M115	N173	N171A			RIGID	None	None	RIGID	Typical
116	M116	N172	N170A			RIGID	None	None	RIGID	Typical
117	M117	N178	N176			RIGID	None	None	RIGID	Typical
118	M118	N177	N175			RIGID	None	None	RIGID	Typical
119	M119	N183	N181			RIGID	None	None	RIGID	Typical
120	M120	N182	N180			RIGID	None	None	RIGID	Typical
121	M121	N172	N183		90	Connection Angle	Column	Single Angle	A36 Gr.36	Typical
122	M122	N177	N173		90	Connection Angle	Column	Single Angle	A36 Gr.36	Typical
123	M123	N182	N178		90	Connection Angle	Column	Single Angle	A36 Gr.36	Typical
124	M124	N182A	N183A			Kicker	Column	Double Angle ...	A36 Gr.36	Typical
125	M125	N185	N186			Kicker	Column	Double Angle ...	A36 Gr.36	Typical
126	M126	N188	N189			Kicker	Column	Double Angle ...	A36 Gr.36	Typical

Member Advanced Data

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rati...	A...	Inactive	Seismic ...
1	M1						Yes	Default			None
2	M4						Yes				None
3	M10						Yes	Default			None
4	M19						Yes	** NA **			None
5	M20						Yes	** NA **			None
6	M21						Yes	** NA **			None
7	M22						Yes	** NA **			None
8	MP3A						Yes	** NA **			None
9	MP4A						Yes	** NA **			None
10	MP2A						Yes	** NA **			None
11	MP1A						Yes	** NA **			None
12	M43						Yes	Default			None
13	M46						Yes	Default			None
14	M35A						Yes	** NA **			None
15	M36A						Yes	** NA **			None
16	M51B	OOOOOX	OOOOOX				Yes	Default			None
17	M52B	OOOOOX	OOOOOX				Yes	Default			None
18	M52						Yes	** NA **			None
19	M58						Yes	** NA **			None
20	M59						Yes	** NA **			None
21	M76						Yes	** NA **			None
22	M77						Yes	** NA **			None
23	M79		BenPIN				Yes	** NA **			None
24	M80						Yes				None
25	M83		BenPIN				Yes	** NA **			None
26	M84						Yes	** NA **			None
27	M85						Yes	** NA **			None
28	M88		BenPIN				Yes	** NA **			None
29	M91						Yes				None
30	M92		BenPIN				Yes	** NA **			None
31	M50						Yes	** NA **			None
32	M51						Yes	** NA **			None
33	M51A						Yes	** NA **			None
34	M34						Yes				None
35	M35						Yes	Default			None
36	M36						Yes	Default			None
37	M37						Yes	Default			None
38	M38						Yes	** NA **			None
39	M39						Yes	** NA **			None
40	M40	OOOOOX	OOOOOX				Yes	Default			None

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rati...	A...	Inactive	Seismic ...
41	M41	OOOOOX	OOOOOX				Yes	Default			None
42	M42						Yes	** NA **			None
43	M43A						Yes	** NA **			None
44	M44						Yes	** NA **			None
45	M45						Yes	** NA **			None
46	M46A						Yes	** NA **			None
47	M47		BenPIN				Yes	** NA **			None
48	M48						Yes				None
49	M49		BenPIN				Yes	** NA **			None
50	M50A						Yes	** NA **			None
51	M51C						Yes	** NA **			None
52	M52A		BenPIN				Yes	** NA **			None
53	M53						Yes				None
54	M54		BenPIN				Yes	** NA **			None
55	M55						Yes	** NA **			None
56	M56						Yes	** NA **			None
57	M57						Yes	** NA **			None
58	M58A						Yes				None
59	M59A						Yes	Default			None
60	M60						Yes	Default			None
61	M61						Yes	Default			None
62	M62						Yes	** NA **			None
63	M63						Yes	** NA **			None
64	M64	OOOOOX	OOOOOX				Yes	Default			None
65	M65	OOOOOX	OOOOOX				Yes	Default			None
66	M66						Yes	** NA **			None
67	M67						Yes	** NA **			None
68	M68						Yes	** NA **			None
69	M69						Yes	** NA **			None
70	M70						Yes	** NA **			None
71	M71		BenPIN				Yes	** NA **			None
72	M72						Yes				None
73	M73		BenPIN				Yes	** NA **			None
74	M74						Yes	** NA **			None
75	M75						Yes	** NA **			None
76	M76A		BenPIN				Yes	** NA **			None
77	M77A						Yes				None
78	M78		BenPIN				Yes	** NA **			None
79	M79A						Yes	** NA **			None
80	M80A						Yes	** NA **			None
81	M81						Yes	** NA **			None
82	M82						Yes	Default			None
83	M83A						Yes	** NA **			None
84	M84A						Yes	** NA **			None
85	M85A						Yes	** NA **			None
86	M86						Yes	** NA **			None
87	MP3C						Yes	** NA **			None
88	MP4C						Yes	** NA **			None
89	MP2C						Yes	** NA **			None
90	MP1C						Yes	** NA **			None
91	M91A						Yes	Default			None
92	M92A						Yes	** NA **			None
93	M93						Yes	** NA **			None
94	M94						Yes	** NA **			None
95	M95						Yes	** NA **			None
96	MP3B						Yes	** NA **			None
97	MP4B						Yes	** NA **			None

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rati...A...		Inactive	Seismic ...
98	MP2B						Yes	** NA **			None
99	MP1B						Yes	** NA **			None
100	M100						Yes	** NA **			None
101	M101						Yes	** NA **			None
102	M102						Yes	** NA **			None
103	M103						Yes	** NA **			None
104	M104						Yes	** NA **			None
105	M105						Yes	** NA **			None
106	M106						Yes	** NA **			None
107	M107						Yes	** NA **			None
108	M108						Yes	** NA **			None
109	M109						Yes	** NA **			None
110	M110						Yes	** NA **			None
111	M111						Yes	** NA **			None
112	M112						Yes	** NA **			None
113	M113						Yes	** NA **			None
114	M114						Yes	** NA **			None
115	M115		OOOOOO				Yes	** NA **			None
116	M116		OOOOOO				Yes	** NA **			None
117	M117		OOOOOO				Yes	** NA **			None
118	M118		OOOOOO				Yes	** NA **			None
119	M119		OOOOOO				Yes	** NA **			None
120	M120		OOOOOO				Yes	** NA **			None
121	M121						Yes	** NA **			None
122	M122						Yes	** NA **			None
123	M123						Yes	** NA **			None
124	M124	BenPIN	BenPIN				Yes	** NA **			None
125	M125	BenPIN	BenPIN				Yes	** NA **			None
126	M126	BenPIN	BenPIN				Yes	** NA **			None

Member Point Loads (BLC 1 : Antenna D)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	Y	-31.65	1.75
2	MP1A	My	-.032	1.75
3	MP1A	Mz	.021	1.75
4	MP1A	Y	-31.65	6.75
5	MP1A	My	-.032	6.75
6	MP1A	Mz	.021	6.75
7	MP1B	Y	-31.65	1.75
8	MP1B	My	.017	1.75
9	MP1B	Mz	-.034	1.75
10	MP1B	Y	-31.65	6.75
11	MP1B	My	.017	6.75
12	MP1B	Mz	-.034	6.75
13	MP1C	Y	-31.65	1.75
14	MP1C	My	.021	1.75
15	MP1C	Mz	.032	1.75
16	MP1C	Y	-31.65	6.75
17	MP1C	My	.021	6.75
18	MP1C	Mz	.032	6.75
19	MP1A	Y	-31.65	1.75
20	MP1A	My	-.032	1.75
21	MP1A	Mz	-.021	1.75
22	MP1A	Y	-31.65	6.75
23	MP1A	My	-.032	6.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
24	MP1A	Mz	-.021	6.75
25	MP1B	Y	-31.65	1.75
26	MP1B	My	.038	1.75
27	MP1B	Mz	.002	1.75
28	MP1B	Y	-31.65	6.75
29	MP1B	My	.038	6.75
30	MP1B	Mz	.002	6.75
31	MP1C	Y	-31.65	1.75
32	MP1C	My	-.021	1.75
33	MP1C	Mz	.032	1.75
34	MP1C	Y	-31.65	6.75
35	MP1C	My	-.021	6.75
36	MP1C	Mz	.032	6.75
37	MP3A	Y	-43.55	3.25
38	MP3A	My	-.044	3.25
39	MP3A	Mz	0	3.25
40	MP3A	Y	-43.55	5.25
41	MP3A	My	-.044	5.25
42	MP3A	Mz	0	5.25
43	MP3B	Y	-43.55	3.25
44	MP3B	My	.038	3.25
45	MP3B	Mz	-.022	3.25
46	MP3B	Y	-43.55	5.25
47	MP3B	My	.038	5.25
48	MP3B	Mz	-.022	5.25
49	MP3C	Y	-43.55	3.25
50	MP3C	My	0	3.25
51	MP3C	Mz	.044	3.25
52	MP3C	Y	-43.55	5.25
53	MP3C	My	0	5.25
54	MP3C	Mz	.044	5.25
55	MP1A	Y	-10.4	6
56	MP1A	My	.005	6
57	MP1A	Mz	0	6
58	MP1B	Y	-10.4	6
59	MP1B	My	-.005	6
60	MP1B	Mz	.003	6
61	MP1C	Y	-10.4	6
62	MP1C	My	0	6
63	MP1C	Mz	-.005	6
64	MP1A	Y	-84.4	4.5
65	MP1A	My	.042	4.5
66	MP1A	Mz	0	4.5
67	MP1B	Y	-84.4	4.5
68	MP1B	My	-.037	4.5
69	MP1B	Mz	.021	4.5
70	MP1C	Y	-84.4	4.5
71	MP1C	My	0	4.5
72	MP1C	Mz	-.042	4.5
73	MP2A	Y	-70.3	4.5
74	MP2A	My	.035	4.5
75	MP2A	Mz	0	4.5
76	MP2B	Y	-70.3	4.5
77	MP2B	My	-.03	4.5
78	MP2B	Mz	.018	4.5
79	MP2C	Y	-70.3	4.5
80	MP2C	My	0	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
81	MP2C	Mz	-.035	4.5
82	MP1A	Y	-26.5	8
83	MP1A	My	-.013	8
84	MP1A	Mz	0	8
85	MP1A	Y	-26.5	8
86	MP1A	My	.013	8
87	MP1A	Mz	0	8

Member Point Loads (BLC 2 : Antenna Di)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	Y	-70.93	1.75
2	MP1A	My	-.071	1.75
3	MP1A	Mz	.047	1.75
4	MP1A	Y	-70.93	6.75
5	MP1A	My	-.071	6.75
6	MP1A	Mz	.047	6.75
7	MP1B	Y	-70.93	1.75
8	MP1B	My	.038	1.75
9	MP1B	Mz	-.076	1.75
10	MP1B	Y	-70.93	6.75
11	MP1B	My	.038	6.75
12	MP1B	Mz	-.076	6.75
13	MP1C	Y	-70.93	1.75
14	MP1C	My	.047	1.75
15	MP1C	Mz	.071	1.75
16	MP1C	Y	-70.93	6.75
17	MP1C	My	.047	6.75
18	MP1C	Mz	.071	6.75
19	MP1A	Y	-70.93	1.75
20	MP1A	My	-.071	1.75
21	MP1A	Mz	-.047	1.75
22	MP1A	Y	-70.93	6.75
23	MP1A	My	-.071	6.75
24	MP1A	Mz	-.047	6.75
25	MP1B	Y	-70.93	1.75
26	MP1B	My	.085	1.75
27	MP1B	Mz	.005	1.75
28	MP1B	Y	-70.93	6.75
29	MP1B	My	.085	6.75
30	MP1B	Mz	.005	6.75
31	MP1C	Y	-70.93	1.75
32	MP1C	My	-.047	1.75
33	MP1C	Mz	.071	1.75
34	MP1C	Y	-70.93	6.75
35	MP1C	My	-.047	6.75
36	MP1C	Mz	.071	6.75
37	MP3A	Y	-36.123	3.25
38	MP3A	My	-.036	3.25
39	MP3A	Mz	0	3.25
40	MP3A	Y	-36.123	5.25
41	MP3A	My	-.036	5.25
42	MP3A	Mz	0	5.25
43	MP3B	Y	-36.123	3.25
44	MP3B	My	.031	3.25
45	MP3B	Mz	-.018	3.25
46	MP3B	Y	-36.123	5.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
47	MP3B	My	.031	5.25
48	MP3B	Mz	-.018	5.25
49	MP3C	Y	-36.123	3.25
50	MP3C	My	0	3.25
51	MP3C	Mz	.036	3.25
52	MP3C	Y	-36.123	5.25
53	MP3C	My	0	5.25
54	MP3C	Mz	.036	5.25
55	MP1A	Y	-10.916	6
56	MP1A	My	.005	6
57	MP1A	Mz	0	6
58	MP1B	Y	-10.916	6
59	MP1B	My	-.005	6
60	MP1B	Mz	.003	6
61	MP1C	Y	-10.916	6
62	MP1C	My	0	6
63	MP1C	Mz	-.005	6
64	MP1A	Y	-45.552	4.5
65	MP1A	My	.023	4.5
66	MP1A	Mz	0	4.5
67	MP1B	Y	-45.552	4.5
68	MP1B	My	-.02	4.5
69	MP1B	Mz	.011	4.5
70	MP1C	Y	-45.552	4.5
71	MP1C	My	0	4.5
72	MP1C	Mz	-.023	4.5
73	MP2A	Y	-40.969	4.5
74	MP2A	My	.02	4.5
75	MP2A	Mz	0	4.5
76	MP2B	Y	-40.969	4.5
77	MP2B	My	-.018	4.5
78	MP2B	Mz	.01	4.5
79	MP2C	Y	-40.969	4.5
80	MP2C	My	0	4.5
81	MP2C	Mz	-.02	4.5
82	MP1A	Y	-16.928	8
83	MP1A	My	-.008	8
84	MP1A	Mz	0	8
85	MP1A	Y	-16.928	8
86	MP1A	My	.008	8
87	MP1A	Mz	0	8

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	0	1.75
2	MP1A	Z	-233.71	1.75
3	MP1A	Mx	-.156	1.75
4	MP1A	X	0	6.75
5	MP1A	Z	-233.71	6.75
6	MP1A	Mx	-.156	6.75
7	MP1B	X	0	1.75
8	MP1B	Z	-213.657	1.75
9	MP1B	Mx	.23	1.75
10	MP1B	X	0	6.75
11	MP1B	Z	-213.657	6.75
12	MP1B	Mx	.23	6.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
13	MP1C	X	0	1.75
14	MP1C	Z	-153.498	1.75
15	MP1C	Mx	-.153	1.75
16	MP1C	X	0	6.75
17	MP1C	Z	-153.498	6.75
18	MP1C	Mx	-.153	6.75
19	MP1A	X	0	1.75
20	MP1A	Z	-233.71	1.75
21	MP1A	Mx	.156	1.75
22	MP1A	X	0	6.75
23	MP1A	Z	-233.71	6.75
24	MP1A	Mx	.156	6.75
25	MP1B	X	0	1.75
26	MP1B	Z	-213.657	1.75
27	MP1B	Mx	-.017	1.75
28	MP1B	X	0	6.75
29	MP1B	Z	-213.657	6.75
30	MP1B	Mx	-.017	6.75
31	MP1C	X	0	1.75
32	MP1C	Z	-153.498	1.75
33	MP1C	Mx	-.153	1.75
34	MP1C	X	0	6.75
35	MP1C	Z	-153.498	6.75
36	MP1C	Mx	-.153	6.75
37	MP3A	X	0	3.25
38	MP3A	Z	-100.565	3.25
39	MP3A	Mx	0	3.25
40	MP3A	X	0	5.25
41	MP3A	Z	-100.565	5.25
42	MP3A	Mx	0	5.25
43	MP3B	X	0	3.25
44	MP3B	Z	-84.082	3.25
45	MP3B	Mx	.042	3.25
46	MP3B	X	0	5.25
47	MP3B	Z	-84.082	5.25
48	MP3B	Mx	.042	5.25
49	MP3C	X	0	3.25
50	MP3C	Z	-34.633	3.25
51	MP3C	Mx	-.035	3.25
52	MP3C	X	0	5.25
53	MP3C	Z	-34.633	5.25
54	MP3C	Mx	-.035	5.25
55	MP1A	X	0	6
56	MP1A	Z	-18.984	6
57	MP1A	Mx	0	6
58	MP1B	X	0	6
59	MP1B	Z	-17.522	6
60	MP1B	Mx	-.004	6
61	MP1C	X	0	6
62	MP1C	Z	-13.135	6
63	MP1C	Mx	.007	6
64	MP1A	X	0	4.5
65	MP1A	Z	-79.528	4.5
66	MP1A	Mx	0	4.5
67	MP1B	X	0	4.5
68	MP1B	Z	-72.986	4.5
69	MP1B	Mx	-.018	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
70	MP1C	X	0	4.5
71	MP1C	Z	-53.361	4.5
72	MP1C	Mx	.027	4.5
73	MP2A	X	0	4.5
74	MP2A	Z	-79.528	4.5
75	MP2A	Mx	0	4.5
76	MP2B	X	0	4.5
77	MP2B	Z	-70.549	4.5
78	MP2B	Mx	-.018	4.5
79	MP2C	X	0	4.5
80	MP2C	Z	-43.612	4.5
81	MP2C	Mx	.022	4.5
82	MP1A	X	0	8
83	MP1A	Z	-39.508	8
84	MP1A	Mx	0	8
85	MP1A	X	0	8
86	MP1A	Z	-39.508	8
87	MP1A	Mx	0	8

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	106.828	1.75
2	MP1A	Z	-185.032	1.75
3	MP1A	Mx	-.23	1.75
4	MP1A	X	106.828	6.75
5	MP1A	Z	-185.032	6.75
6	MP1A	Mx	-.23	6.75
7	MP1B	X	86.775	1.75
8	MP1B	Z	-150.299	1.75
9	MP1B	Mx	.208	1.75
10	MP1B	X	86.775	6.75
11	MP1B	Z	-150.299	6.75
12	MP1B	Mx	.208	6.75
13	MP1C	X	86.775	1.75
14	MP1C	Z	-150.299	1.75
15	MP1C	Mx	-.092	1.75
16	MP1C	X	86.775	6.75
17	MP1C	Z	-150.299	6.75
18	MP1C	Mx	-.092	6.75
19	MP1A	X	106.828	1.75
20	MP1A	Z	-185.032	1.75
21	MP1A	Mx	.017	1.75
22	MP1A	X	106.828	6.75
23	MP1A	Z	-185.032	6.75
24	MP1A	Mx	.017	6.75
25	MP1B	X	86.775	1.75
26	MP1B	Z	-150.299	1.75
27	MP1B	Mx	.092	1.75
28	MP1B	X	86.775	6.75
29	MP1B	Z	-150.299	6.75
30	MP1B	Mx	.092	6.75
31	MP1C	X	86.775	1.75
32	MP1C	Z	-150.299	1.75
33	MP1C	Mx	-.208	1.75
34	MP1C	X	86.775	6.75
35	MP1C	Z	-150.299	6.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
36	MP1C	Mx	-.208	6.75
37	MP3A	X	42.041	3.25
38	MP3A	Z	-72.817	3.25
39	MP3A	Mx	-.042	3.25
40	MP3A	X	42.041	5.25
41	MP3A	Z	-72.817	5.25
42	MP3A	Mx	-.042	5.25
43	MP3B	X	25.558	3.25
44	MP3B	Z	-44.268	3.25
45	MP3B	Mx	.044	3.25
46	MP3B	X	25.558	5.25
47	MP3B	Z	-44.268	5.25
48	MP3B	Mx	.044	5.25
49	MP3C	X	25.558	3.25
50	MP3C	Z	-44.268	3.25
51	MP3C	Mx	-.044	3.25
52	MP3C	X	25.558	5.25
53	MP3C	Z	-44.268	5.25
54	MP3C	Mx	-.044	5.25
55	MP1A	X	8.761	6
56	MP1A	Z	-15.174	6
57	MP1A	Mx	.004	6
58	MP1B	X	7.299	6
59	MP1B	Z	-12.642	6
60	MP1B	Mx	-.006	6
61	MP1C	X	7.299	6
62	MP1C	Z	-12.642	6
63	MP1C	Mx	.006	6
64	MP1A	X	36.493	4.5
65	MP1A	Z	-63.208	4.5
66	MP1A	Mx	.018	4.5
67	MP1B	X	29.951	4.5
68	MP1B	Z	-51.877	4.5
69	MP1B	Mx	-.026	4.5
70	MP1C	X	29.951	4.5
71	MP1C	Z	-51.877	4.5
72	MP1C	Mx	.026	4.5
73	MP2A	X	35.275	4.5
74	MP2A	Z	-61.097	4.5
75	MP2A	Mx	.018	4.5
76	MP2B	X	26.296	4.5
77	MP2B	Z	-45.545	4.5
78	MP2B	Mx	-.023	4.5
79	MP2C	X	26.296	4.5
80	MP2C	Z	-45.545	4.5
81	MP2C	Mx	.023	4.5
82	MP1A	X	16.631	8
83	MP1A	Z	-28.806	8
84	MP1A	Mx	-.008	8
85	MP1A	X	16.631	8
86	MP1A	Z	-28.806	8
87	MP1A	Mx	.008	8

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	150.299	1.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
2	MP1A	Z	-86.775	1.75
3	MP1A	Mx	-.208	1.75
4	MP1A	X	150.299	6.75
5	MP1A	Z	-86.775	6.75
6	MP1A	Mx	-.208	6.75
7	MP1B	X	132.933	1.75
8	MP1B	Z	-76.749	1.75
9	MP1B	Mx	.153	1.75
10	MP1B	X	132.933	6.75
11	MP1B	Z	-76.749	6.75
12	MP1B	Mx	.153	6.75
13	MP1C	X	185.032	1.75
14	MP1C	Z	-106.828	1.75
15	MP1C	Mx	.017	1.75
16	MP1C	X	185.032	6.75
17	MP1C	Z	-106.828	6.75
18	MP1C	Mx	.017	6.75
19	MP1A	X	150.299	1.75
20	MP1A	Z	-86.775	1.75
21	MP1A	Mx	-.092	1.75
22	MP1A	X	150.299	6.75
23	MP1A	Z	-86.775	6.75
24	MP1A	Mx	-.092	6.75
25	MP1B	X	132.933	1.75
26	MP1B	Z	-76.749	1.75
27	MP1B	Mx	.153	1.75
28	MP1B	X	132.933	6.75
29	MP1B	Z	-76.749	6.75
30	MP1B	Mx	.153	6.75
31	MP1C	X	185.032	1.75
32	MP1C	Z	-106.828	1.75
33	MP1C	Mx	-.23	1.75
34	MP1C	X	185.032	6.75
35	MP1C	Z	-106.828	6.75
36	MP1C	Mx	-.23	6.75
37	MP3A	X	44.268	3.25
38	MP3A	Z	-25.558	3.25
39	MP3A	Mx	-.044	3.25
40	MP3A	X	44.268	5.25
41	MP3A	Z	-25.558	5.25
42	MP3A	Mx	-.044	5.25
43	MP3B	X	29.993	3.25
44	MP3B	Z	-17.317	3.25
45	MP3B	Mx	.035	3.25
46	MP3B	X	29.993	5.25
47	MP3B	Z	-17.317	5.25
48	MP3B	Mx	.035	5.25
49	MP3C	X	72.817	3.25
50	MP3C	Z	-42.041	3.25
51	MP3C	Mx	-.042	3.25
52	MP3C	X	72.817	5.25
53	MP3C	Z	-42.041	5.25
54	MP3C	Mx	-.042	5.25
55	MP1A	X	12.642	6
56	MP1A	Z	-7.299	6
57	MP1A	Mx	.006	6
58	MP1B	X	11.375	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
59	MP1B	Z	-6.567	6
60	MP1B	Mx	-.007	6
61	MP1C	X	15.174	6
62	MP1C	Z	-8.761	6
63	MP1C	Mx	.004	6
64	MP1A	X	51.877	4.5
65	MP1A	Z	-29.951	4.5
66	MP1A	Mx	.026	4.5
67	MP1B	X	46.212	4.5
68	MP1B	Z	-26.68	4.5
69	MP1B	Mx	-.027	4.5
70	MP1C	X	63.208	4.5
71	MP1C	Z	-36.493	4.5
72	MP1C	Mx	.018	4.5
73	MP2A	X	45.545	4.5
74	MP2A	Z	-26.296	4.5
75	MP2A	Mx	.023	4.5
76	MP2B	X	37.769	4.5
77	MP2B	Z	-21.806	4.5
78	MP2B	Mx	-.022	4.5
79	MP2C	X	61.097	4.5
80	MP2C	Z	-35.275	4.5
81	MP2C	Mx	.018	4.5
82	MP1A	X	17.988	8
83	MP1A	Z	-10.385	8
84	MP1A	Mx	-.009	8
85	MP1A	X	17.988	8
86	MP1A	Z	-10.385	8
87	MP1A	Mx	.009	8

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	153.498	1.75
2	MP1A	Z	0	1.75
3	MP1A	Mx	-.153	1.75
4	MP1A	X	153.498	6.75
5	MP1A	Z	0	6.75
6	MP1A	Mx	-.153	6.75
7	MP1B	X	173.551	1.75
8	MP1B	Z	0	1.75
9	MP1B	Mx	.092	1.75
10	MP1B	X	173.551	6.75
11	MP1B	Z	0	6.75
12	MP1B	Mx	.092	6.75
13	MP1C	X	233.71	1.75
14	MP1C	Z	0	1.75
15	MP1C	Mx	.156	1.75
16	MP1C	X	233.71	6.75
17	MP1C	Z	0	6.75
18	MP1C	Mx	.156	6.75
19	MP1A	X	153.498	1.75
20	MP1A	Z	0	1.75
21	MP1A	Mx	-.153	1.75
22	MP1A	X	153.498	6.75
23	MP1A	Z	0	6.75
24	MP1A	Mx	-.153	6.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
25	MP1B	X	173.551	1.75
26	MP1B	Z	0	1.75
27	MP1B	Mx	.208	1.75
28	MP1B	X	173.551	6.75
29	MP1B	Z	0	6.75
30	MP1B	Mx	.208	6.75
31	MP1C	X	233.71	1.75
32	MP1C	Z	0	1.75
33	MP1C	Mx	-.156	1.75
34	MP1C	X	233.71	6.75
35	MP1C	Z	0	6.75
36	MP1C	Mx	-.156	6.75
37	MP3A	X	34.633	3.25
38	MP3A	Z	0	3.25
39	MP3A	Mx	-.035	3.25
40	MP3A	X	34.633	5.25
41	MP3A	Z	0	5.25
42	MP3A	Mx	-.035	5.25
43	MP3B	X	51.116	3.25
44	MP3B	Z	0	3.25
45	MP3B	Mx	.044	3.25
46	MP3B	X	51.116	5.25
47	MP3B	Z	0	5.25
48	MP3B	Mx	.044	5.25
49	MP3C	X	100.565	3.25
50	MP3C	Z	0	3.25
51	MP3C	Mx	0	3.25
52	MP3C	X	100.565	5.25
53	MP3C	Z	0	5.25
54	MP3C	Mx	0	5.25
55	MP1A	X	13.135	6
56	MP1A	Z	0	6
57	MP1A	Mx	.007	6
58	MP1B	X	14.597	6
59	MP1B	Z	0	6
60	MP1B	Mx	-.006	6
61	MP1C	X	18.984	6
62	MP1C	Z	0	6
63	MP1C	Mx	0	6
64	MP1A	X	53.361	4.5
65	MP1A	Z	0	4.5
66	MP1A	Mx	.027	4.5
67	MP1B	X	59.903	4.5
68	MP1B	Z	0	4.5
69	MP1B	Mx	-.026	4.5
70	MP1C	X	79.528	4.5
71	MP1C	Z	0	4.5
72	MP1C	Mx	0	4.5
73	MP2A	X	43.612	4.5
74	MP2A	Z	0	4.5
75	MP2A	Mx	.022	4.5
76	MP2B	X	52.591	4.5
77	MP2B	Z	0	4.5
78	MP2B	Mx	-.023	4.5
79	MP2C	X	79.528	4.5
80	MP2C	Z	0	4.5
81	MP2C	Mx	0	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
82	MP1A	X	14.525	8
83	MP1A	Z	0	8
84	MP1A	Mx	-.007	8
85	MP1A	X	14.525	8
86	MP1A	Z	0	8
87	MP1A	Mx	.007	8

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	150.299	1.75
2	MP1A	Z	86.775	1.75
3	MP1A	Mx	-.092	1.75
4	MP1A	X	150.299	6.75
5	MP1A	Z	86.775	6.75
6	MP1A	Mx	-.092	6.75
7	MP1B	X	185.032	1.75
8	MP1B	Z	106.828	1.75
9	MP1B	Mx	-.017	1.75
10	MP1B	X	185.032	6.75
11	MP1B	Z	106.828	6.75
12	MP1B	Mx	-.017	6.75
13	MP1C	X	185.032	1.75
14	MP1C	Z	106.828	1.75
15	MP1C	Mx	.23	1.75
16	MP1C	X	185.032	6.75
17	MP1C	Z	106.828	6.75
18	MP1C	Mx	.23	6.75
19	MP1A	X	150.299	1.75
20	MP1A	Z	86.775	1.75
21	MP1A	Mx	-.208	1.75
22	MP1A	X	150.299	6.75
23	MP1A	Z	86.775	6.75
24	MP1A	Mx	-.208	6.75
25	MP1B	X	185.032	1.75
26	MP1B	Z	106.828	1.75
27	MP1B	Mx	.23	1.75
28	MP1B	X	185.032	6.75
29	MP1B	Z	106.828	6.75
30	MP1B	Mx	.23	6.75
31	MP1C	X	185.032	1.75
32	MP1C	Z	106.828	1.75
33	MP1C	Mx	-.017	1.75
34	MP1C	X	185.032	6.75
35	MP1C	Z	106.828	6.75
36	MP1C	Mx	-.017	6.75
37	MP3A	X	44.268	3.25
38	MP3A	Z	25.558	3.25
39	MP3A	Mx	-.044	3.25
40	MP3A	X	44.268	5.25
41	MP3A	Z	25.558	5.25
42	MP3A	Mx	-.044	5.25
43	MP3B	X	72.817	3.25
44	MP3B	Z	42.041	3.25
45	MP3B	Mx	.042	3.25
46	MP3B	X	72.817	5.25
47	MP3B	Z	42.041	5.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
48	MP3B	Mx	.042	5.25
49	MP3C	X	72.817	3.25
50	MP3C	Z	42.041	3.25
51	MP3C	Mx	.042	3.25
52	MP3C	X	72.817	5.25
53	MP3C	Z	42.041	5.25
54	MP3C	Mx	.042	5.25
55	MP1A	X	12.642	6
56	MP1A	Z	7.299	6
57	MP1A	Mx	.006	6
58	MP1B	X	15.174	6
59	MP1B	Z	8.761	6
60	MP1B	Mx	-.004	6
61	MP1C	X	15.174	6
62	MP1C	Z	8.761	6
63	MP1C	Mx	-.004	6
64	MP1A	X	51.877	4.5
65	MP1A	Z	29.951	4.5
66	MP1A	Mx	.026	4.5
67	MP1B	X	63.208	4.5
68	MP1B	Z	36.493	4.5
69	MP1B	Mx	-.018	4.5
70	MP1C	X	63.208	4.5
71	MP1C	Z	36.493	4.5
72	MP1C	Mx	-.018	4.5
73	MP2A	X	45.545	4.5
74	MP2A	Z	26.296	4.5
75	MP2A	Mx	.023	4.5
76	MP2B	X	61.097	4.5
77	MP2B	Z	35.275	4.5
78	MP2B	Mx	-.018	4.5
79	MP2C	X	61.097	4.5
80	MP2C	Z	35.275	4.5
81	MP2C	Mx	-.018	4.5
82	MP1A	X	17.988	8
83	MP1A	Z	10.385	8
84	MP1A	Mx	-.009	8
85	MP1A	X	17.988	8
86	MP1A	Z	10.385	8
87	MP1A	Mx	.009	8

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	106.828	1.75
2	MP1A	Z	185.032	1.75
3	MP1A	Mx	.017	1.75
4	MP1A	X	106.828	6.75
5	MP1A	Z	185.032	6.75
6	MP1A	Mx	.017	6.75
7	MP1B	X	116.855	1.75
8	MP1B	Z	202.399	1.75
9	MP1B	Mx	-.156	1.75
10	MP1B	X	116.855	6.75
11	MP1B	Z	202.399	6.75
12	MP1B	Mx	-.156	6.75
13	MP1C	X	86.775	1.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
14	MP1C	Z	150.299	1.75
15	MP1C	Mx	.208	1.75
16	MP1C	X	86.775	6.75
17	MP1C	Z	150.299	6.75
18	MP1C	Mx	.208	6.75
19	MP1A	X	106.828	1.75
20	MP1A	Z	185.032	1.75
21	MP1A	Mx	-.23	1.75
22	MP1A	X	106.828	6.75
23	MP1A	Z	185.032	6.75
24	MP1A	Mx	-.23	6.75
25	MP1B	X	116.855	1.75
26	MP1B	Z	202.399	1.75
27	MP1B	Mx	.156	1.75
28	MP1B	X	116.855	6.75
29	MP1B	Z	202.399	6.75
30	MP1B	Mx	.156	6.75
31	MP1C	X	86.775	1.75
32	MP1C	Z	150.299	1.75
33	MP1C	Mx	.092	1.75
34	MP1C	X	86.775	6.75
35	MP1C	Z	150.299	6.75
36	MP1C	Mx	.092	6.75
37	MP3A	X	42.041	3.25
38	MP3A	Z	72.817	3.25
39	MP3A	Mx	-.042	3.25
40	MP3A	X	42.041	5.25
41	MP3A	Z	72.817	5.25
42	MP3A	Mx	-.042	5.25
43	MP3B	X	50.282	3.25
44	MP3B	Z	87.091	3.25
45	MP3B	Mx	0	3.25
46	MP3B	X	50.282	5.25
47	MP3B	Z	87.091	5.25
48	MP3B	Mx	0	5.25
49	MP3C	X	25.558	3.25
50	MP3C	Z	44.268	3.25
51	MP3C	Mx	.044	3.25
52	MP3C	X	25.558	5.25
53	MP3C	Z	44.268	5.25
54	MP3C	Mx	.044	5.25
55	MP1A	X	8.761	6
56	MP1A	Z	15.174	6
57	MP1A	Mx	.004	6
58	MP1B	X	9.492	6
59	MP1B	Z	16.441	6
60	MP1B	Mx	0	6
61	MP1C	X	7.299	6
62	MP1C	Z	12.642	6
63	MP1C	Mx	-.006	6
64	MP1A	X	36.493	4.5
65	MP1A	Z	63.208	4.5
66	MP1A	Mx	.018	4.5
67	MP1B	X	39.764	4.5
68	MP1B	Z	68.873	4.5
69	MP1B	Mx	0	4.5
70	MP1C	X	29.951	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
71	MP1C	Z	51.877	4.5
72	MP1C	Mx	-.026	4.5
73	MP2A	X	35.275	4.5
74	MP2A	Z	61.097	4.5
75	MP2A	Mx	.018	4.5
76	MP2B	X	39.764	4.5
77	MP2B	Z	68.873	4.5
78	MP2B	Mx	0	4.5
79	MP2C	X	26.296	4.5
80	MP2C	Z	45.545	4.5
81	MP2C	Mx	-.023	4.5
82	MP1A	X	16.631	8
83	MP1A	Z	28.806	8
84	MP1A	Mx	-.008	8
85	MP1A	X	16.631	8
86	MP1A	Z	28.806	8
87	MP1A	Mx	.008	8

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	0	1.75
2	MP1A	Z	233.71	1.75
3	MP1A	Mx	.156	1.75
4	MP1A	X	0	6.75
5	MP1A	Z	233.71	6.75
6	MP1A	Mx	.156	6.75
7	MP1B	X	0	1.75
8	MP1B	Z	213.657	1.75
9	MP1B	Mx	-.23	1.75
10	MP1B	X	0	6.75
11	MP1B	Z	213.657	6.75
12	MP1B	Mx	-.23	6.75
13	MP1C	X	0	1.75
14	MP1C	Z	153.498	1.75
15	MP1C	Mx	.153	1.75
16	MP1C	X	0	6.75
17	MP1C	Z	153.498	6.75
18	MP1C	Mx	.153	6.75
19	MP1A	X	0	1.75
20	MP1A	Z	233.71	1.75
21	MP1A	Mx	-.156	1.75
22	MP1A	X	0	6.75
23	MP1A	Z	233.71	6.75
24	MP1A	Mx	-.156	6.75
25	MP1B	X	0	1.75
26	MP1B	Z	213.657	1.75
27	MP1B	Mx	.017	1.75
28	MP1B	X	0	6.75
29	MP1B	Z	213.657	6.75
30	MP1B	Mx	.017	6.75
31	MP1C	X	0	1.75
32	MP1C	Z	153.498	1.75
33	MP1C	Mx	.153	1.75
34	MP1C	X	0	6.75
35	MP1C	Z	153.498	6.75
36	MP1C	Mx	.153	6.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
37	MP3A	X	0	3.25
38	MP3A	Z	100.565	3.25
39	MP3A	Mx	0	3.25
40	MP3A	X	0	5.25
41	MP3A	Z	100.565	5.25
42	MP3A	Mx	0	5.25
43	MP3B	X	0	3.25
44	MP3B	Z	84.082	3.25
45	MP3B	Mx	-.042	3.25
46	MP3B	X	0	5.25
47	MP3B	Z	84.082	5.25
48	MP3B	Mx	-.042	5.25
49	MP3C	X	0	3.25
50	MP3C	Z	34.633	3.25
51	MP3C	Mx	.035	3.25
52	MP3C	X	0	5.25
53	MP3C	Z	34.633	5.25
54	MP3C	Mx	.035	5.25
55	MP1A	X	0	6
56	MP1A	Z	18.984	6
57	MP1A	Mx	0	6
58	MP1B	X	0	6
59	MP1B	Z	17.522	6
60	MP1B	Mx	.004	6
61	MP1C	X	0	6
62	MP1C	Z	13.135	6
63	MP1C	Mx	-.007	6
64	MP1A	X	0	4.5
65	MP1A	Z	79.528	4.5
66	MP1A	Mx	0	4.5
67	MP1B	X	0	4.5
68	MP1B	Z	72.986	4.5
69	MP1B	Mx	.018	4.5
70	MP1C	X	0	4.5
71	MP1C	Z	53.361	4.5
72	MP1C	Mx	-.027	4.5
73	MP2A	X	0	4.5
74	MP2A	Z	79.528	4.5
75	MP2A	Mx	0	4.5
76	MP2B	X	0	4.5
77	MP2B	Z	70.549	4.5
78	MP2B	Mx	.018	4.5
79	MP2C	X	0	4.5
80	MP2C	Z	43.612	4.5
81	MP2C	Mx	-.022	4.5
82	MP1A	X	0	8
83	MP1A	Z	39.508	8
84	MP1A	Mx	0	8
85	MP1A	X	0	8
86	MP1A	Z	39.508	8
87	MP1A	Mx	0	8

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-106.828	1.75
2	MP1A	Z	185.032	1.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
3	MP1A	Mx	.23	1.75
4	MP1A	X	-106.828	6.75
5	MP1A	Z	185.032	6.75
6	MP1A	Mx	.23	6.75
7	MP1B	X	-86.775	1.75
8	MP1B	Z	150.299	1.75
9	MP1B	Mx	-.208	1.75
10	MP1B	X	-86.775	6.75
11	MP1B	Z	150.299	6.75
12	MP1B	Mx	-.208	6.75
13	MP1C	X	-86.775	1.75
14	MP1C	Z	150.299	1.75
15	MP1C	Mx	.092	1.75
16	MP1C	X	-86.775	6.75
17	MP1C	Z	150.299	6.75
18	MP1C	Mx	.092	6.75
19	MP1A	X	-106.828	1.75
20	MP1A	Z	185.032	1.75
21	MP1A	Mx	-.017	1.75
22	MP1A	X	-106.828	6.75
23	MP1A	Z	185.032	6.75
24	MP1A	Mx	-.017	6.75
25	MP1B	X	-86.775	1.75
26	MP1B	Z	150.299	1.75
27	MP1B	Mx	-.092	1.75
28	MP1B	X	-86.775	6.75
29	MP1B	Z	150.299	6.75
30	MP1B	Mx	-.092	6.75
31	MP1C	X	-86.775	1.75
32	MP1C	Z	150.299	1.75
33	MP1C	Mx	.208	1.75
34	MP1C	X	-86.775	6.75
35	MP1C	Z	150.299	6.75
36	MP1C	Mx	.208	6.75
37	MP3A	X	-42.041	3.25
38	MP3A	Z	72.817	3.25
39	MP3A	Mx	.042	3.25
40	MP3A	X	-42.041	5.25
41	MP3A	Z	72.817	5.25
42	MP3A	Mx	.042	5.25
43	MP3B	X	-25.558	3.25
44	MP3B	Z	44.268	3.25
45	MP3B	Mx	-.044	3.25
46	MP3B	X	-25.558	5.25
47	MP3B	Z	44.268	5.25
48	MP3B	Mx	-.044	5.25
49	MP3C	X	-25.558	3.25
50	MP3C	Z	44.268	3.25
51	MP3C	Mx	.044	3.25
52	MP3C	X	-25.558	5.25
53	MP3C	Z	44.268	5.25
54	MP3C	Mx	.044	5.25
55	MP1A	X	-8.761	6
56	MP1A	Z	15.174	6
57	MP1A	Mx	-.004	6
58	MP1B	X	-7.299	6
59	MP1B	Z	12.642	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
60	MP1B	Mx	.006	6
61	MP1C	X	-7.299	6
62	MP1C	Z	12.642	6
63	MP1C	Mx	-.006	6
64	MP1A	X	-36.493	4.5
65	MP1A	Z	63.208	4.5
66	MP1A	Mx	-.018	4.5
67	MP1B	X	-29.951	4.5
68	MP1B	Z	51.877	4.5
69	MP1B	Mx	.026	4.5
70	MP1C	X	-29.951	4.5
71	MP1C	Z	51.877	4.5
72	MP1C	Mx	-.026	4.5
73	MP2A	X	-35.275	4.5
74	MP2A	Z	61.097	4.5
75	MP2A	Mx	-.018	4.5
76	MP2B	X	-26.296	4.5
77	MP2B	Z	45.545	4.5
78	MP2B	Mx	.023	4.5
79	MP2C	X	-26.296	4.5
80	MP2C	Z	45.545	4.5
81	MP2C	Mx	-.023	4.5
82	MP1A	X	-16.631	8
83	MP1A	Z	28.806	8
84	MP1A	Mx	.008	8
85	MP1A	X	-16.631	8
86	MP1A	Z	28.806	8
87	MP1A	Mx	-.008	8

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-150.299	1.75
2	MP1A	Z	86.775	1.75
3	MP1A	Mx	.208	1.75
4	MP1A	X	-150.299	6.75
5	MP1A	Z	86.775	6.75
6	MP1A	Mx	.208	6.75
7	MP1B	X	-132.933	1.75
8	MP1B	Z	76.749	1.75
9	MP1B	Mx	-.153	1.75
10	MP1B	X	-132.933	6.75
11	MP1B	Z	76.749	6.75
12	MP1B	Mx	-.153	6.75
13	MP1C	X	-185.032	1.75
14	MP1C	Z	106.828	1.75
15	MP1C	Mx	-.017	1.75
16	MP1C	X	-185.032	6.75
17	MP1C	Z	106.828	6.75
18	MP1C	Mx	-.017	6.75
19	MP1A	X	-150.299	1.75
20	MP1A	Z	86.775	1.75
21	MP1A	Mx	.092	1.75
22	MP1A	X	-150.299	6.75
23	MP1A	Z	86.775	6.75
24	MP1A	Mx	.092	6.75
25	MP1B	X	-132.933	1.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
26	MP1B	Z	76.749	1.75
27	MP1B	Mx	-.153	1.75
28	MP1B	X	-132.933	6.75
29	MP1B	Z	76.749	6.75
30	MP1B	Mx	-.153	6.75
31	MP1C	X	-185.032	1.75
32	MP1C	Z	106.828	1.75
33	MP1C	Mx	.23	1.75
34	MP1C	X	-185.032	6.75
35	MP1C	Z	106.828	6.75
36	MP1C	Mx	.23	6.75
37	MP3A	X	-44.268	3.25
38	MP3A	Z	25.558	3.25
39	MP3A	Mx	.044	3.25
40	MP3A	X	-44.268	5.25
41	MP3A	Z	25.558	5.25
42	MP3A	Mx	.044	5.25
43	MP3B	X	-29.993	3.25
44	MP3B	Z	17.317	3.25
45	MP3B	Mx	-.035	3.25
46	MP3B	X	-29.993	5.25
47	MP3B	Z	17.317	5.25
48	MP3B	Mx	-.035	5.25
49	MP3C	X	-72.817	3.25
50	MP3C	Z	42.041	3.25
51	MP3C	Mx	.042	3.25
52	MP3C	X	-72.817	5.25
53	MP3C	Z	42.041	5.25
54	MP3C	Mx	.042	5.25
55	MP1A	X	-12.642	6
56	MP1A	Z	7.299	6
57	MP1A	Mx	-.006	6
58	MP1B	X	-11.375	6
59	MP1B	Z	6.567	6
60	MP1B	Mx	.007	6
61	MP1C	X	-15.174	6
62	MP1C	Z	8.761	6
63	MP1C	Mx	-.004	6
64	MP1A	X	-51.877	4.5
65	MP1A	Z	29.951	4.5
66	MP1A	Mx	-.026	4.5
67	MP1B	X	-46.212	4.5
68	MP1B	Z	26.68	4.5
69	MP1B	Mx	.027	4.5
70	MP1C	X	-63.208	4.5
71	MP1C	Z	36.493	4.5
72	MP1C	Mx	-.018	4.5
73	MP2A	X	-45.545	4.5
74	MP2A	Z	26.296	4.5
75	MP2A	Mx	-.023	4.5
76	MP2B	X	-37.769	4.5
77	MP2B	Z	21.806	4.5
78	MP2B	Mx	.022	4.5
79	MP2C	X	-61.097	4.5
80	MP2C	Z	35.275	4.5
81	MP2C	Mx	-.018	4.5
82	MP1A	X	-17.988	8

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
83	MP1A	Z	10.385	8
84	MP1A	Mx	.009	8
85	MP1A	X	-17.988	8
86	MP1A	Z	10.385	8
87	MP1A	Mx	-.009	8

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-153.498	1.75
2	MP1A	Z	0	1.75
3	MP1A	Mx	.153	1.75
4	MP1A	X	-153.498	6.75
5	MP1A	Z	0	6.75
6	MP1A	Mx	.153	6.75
7	MP1B	X	-173.551	1.75
8	MP1B	Z	0	1.75
9	MP1B	Mx	-.092	1.75
10	MP1B	X	-173.551	6.75
11	MP1B	Z	0	6.75
12	MP1B	Mx	-.092	6.75
13	MP1C	X	-233.71	1.75
14	MP1C	Z	0	1.75
15	MP1C	Mx	-.156	1.75
16	MP1C	X	-233.71	6.75
17	MP1C	Z	0	6.75
18	MP1C	Mx	-.156	6.75
19	MP1A	X	-153.498	1.75
20	MP1A	Z	0	1.75
21	MP1A	Mx	.153	1.75
22	MP1A	X	-153.498	6.75
23	MP1A	Z	0	6.75
24	MP1A	Mx	.153	6.75
25	MP1B	X	-173.551	1.75
26	MP1B	Z	0	1.75
27	MP1B	Mx	-.208	1.75
28	MP1B	X	-173.551	6.75
29	MP1B	Z	0	6.75
30	MP1B	Mx	-.208	6.75
31	MP1C	X	-233.71	1.75
32	MP1C	Z	0	1.75
33	MP1C	Mx	.156	1.75
34	MP1C	X	-233.71	6.75
35	MP1C	Z	0	6.75
36	MP1C	Mx	.156	6.75
37	MP3A	X	-34.633	3.25
38	MP3A	Z	0	3.25
39	MP3A	Mx	.035	3.25
40	MP3A	X	-34.633	5.25
41	MP3A	Z	0	5.25
42	MP3A	Mx	.035	5.25
43	MP3B	X	-51.116	3.25
44	MP3B	Z	0	3.25
45	MP3B	Mx	-.044	3.25
46	MP3B	X	-51.116	5.25
47	MP3B	Z	0	5.25
48	MP3B	Mx	-.044	5.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
49	MP3C	X	-100.565	3.25
50	MP3C	Z	0	3.25
51	MP3C	Mx	0	3.25
52	MP3C	X	-100.565	5.25
53	MP3C	Z	0	5.25
54	MP3C	Mx	0	5.25
55	MP1A	X	-13.135	6
56	MP1A	Z	0	6
57	MP1A	Mx	-.007	6
58	MP1B	X	-14.597	6
59	MP1B	Z	0	6
60	MP1B	Mx	.006	6
61	MP1C	X	-18.984	6
62	MP1C	Z	0	6
63	MP1C	Mx	0	6
64	MP1A	X	-53.361	4.5
65	MP1A	Z	0	4.5
66	MP1A	Mx	-.027	4.5
67	MP1B	X	-59.903	4.5
68	MP1B	Z	0	4.5
69	MP1B	Mx	.026	4.5
70	MP1C	X	-79.528	4.5
71	MP1C	Z	0	4.5
72	MP1C	Mx	0	4.5
73	MP2A	X	-43.612	4.5
74	MP2A	Z	0	4.5
75	MP2A	Mx	-.022	4.5
76	MP2B	X	-52.591	4.5
77	MP2B	Z	0	4.5
78	MP2B	Mx	.023	4.5
79	MP2C	X	-79.528	4.5
80	MP2C	Z	0	4.5
81	MP2C	Mx	0	4.5
82	MP1A	X	-14.525	8
83	MP1A	Z	0	8
84	MP1A	Mx	.007	8
85	MP1A	X	-14.525	8
86	MP1A	Z	0	8
87	MP1A	Mx	-.007	8

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-150.299	1.75
2	MP1A	Z	-86.775	1.75
3	MP1A	Mx	.092	1.75
4	MP1A	X	-150.299	6.75
5	MP1A	Z	-86.775	6.75
6	MP1A	Mx	.092	6.75
7	MP1B	X	-185.032	1.75
8	MP1B	Z	-106.828	1.75
9	MP1B	Mx	.017	1.75
10	MP1B	X	-185.032	6.75
11	MP1B	Z	-106.828	6.75
12	MP1B	Mx	.017	6.75
13	MP1C	X	-185.032	1.75
14	MP1C	Z	-106.828	1.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
15	MP1C	Mx	-.23	1.75
16	MP1C	X	-185.032	6.75
17	MP1C	Z	-106.828	6.75
18	MP1C	Mx	-.23	6.75
19	MP1A	X	-150.299	1.75
20	MP1A	Z	-86.775	1.75
21	MP1A	Mx	.208	1.75
22	MP1A	X	-150.299	6.75
23	MP1A	Z	-86.775	6.75
24	MP1A	Mx	.208	6.75
25	MP1B	X	-185.032	1.75
26	MP1B	Z	-106.828	1.75
27	MP1B	Mx	-.23	1.75
28	MP1B	X	-185.032	6.75
29	MP1B	Z	-106.828	6.75
30	MP1B	Mx	-.23	6.75
31	MP1C	X	-185.032	1.75
32	MP1C	Z	-106.828	1.75
33	MP1C	Mx	.017	1.75
34	MP1C	X	-185.032	6.75
35	MP1C	Z	-106.828	6.75
36	MP1C	Mx	.017	6.75
37	MP3A	X	-44.268	3.25
38	MP3A	Z	-25.558	3.25
39	MP3A	Mx	.044	3.25
40	MP3A	X	-44.268	5.25
41	MP3A	Z	-25.558	5.25
42	MP3A	Mx	.044	5.25
43	MP3B	X	-72.817	3.25
44	MP3B	Z	-42.041	3.25
45	MP3B	Mx	-.042	3.25
46	MP3B	X	-72.817	5.25
47	MP3B	Z	-42.041	5.25
48	MP3B	Mx	-.042	5.25
49	MP3C	X	-72.817	3.25
50	MP3C	Z	-42.041	3.25
51	MP3C	Mx	-.042	3.25
52	MP3C	X	-72.817	5.25
53	MP3C	Z	-42.041	5.25
54	MP3C	Mx	-.042	5.25
55	MP1A	X	-12.642	6
56	MP1A	Z	-7.299	6
57	MP1A	Mx	-.006	6
58	MP1B	X	-15.174	6
59	MP1B	Z	-8.761	6
60	MP1B	Mx	.004	6
61	MP1C	X	-15.174	6
62	MP1C	Z	-8.761	6
63	MP1C	Mx	.004	6
64	MP1A	X	-51.877	4.5
65	MP1A	Z	-29.951	4.5
66	MP1A	Mx	-.026	4.5
67	MP1B	X	-63.208	4.5
68	MP1B	Z	-36.493	4.5
69	MP1B	Mx	.018	4.5
70	MP1C	X	-63.208	4.5
71	MP1C	Z	-36.493	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
72	MP1C	Mx	.018	4.5
73	MP2A	X	-45.545	4.5
74	MP2A	Z	-26.296	4.5
75	MP2A	Mx	-.023	4.5
76	MP2B	X	-61.097	4.5
77	MP2B	Z	-35.275	4.5
78	MP2B	Mx	.018	4.5
79	MP2C	X	-61.097	4.5
80	MP2C	Z	-35.275	4.5
81	MP2C	Mx	.018	4.5
82	MP1A	X	-17.988	8
83	MP1A	Z	-10.385	8
84	MP1A	Mx	.009	8
85	MP1A	X	-17.988	8
86	MP1A	Z	-10.385	8
87	MP1A	Mx	-.009	8

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-106.828	1.75
2	MP1A	Z	-185.032	1.75
3	MP1A	Mx	-.017	1.75
4	MP1A	X	-106.828	6.75
5	MP1A	Z	-185.032	6.75
6	MP1A	Mx	-.017	6.75
7	MP1B	X	-116.855	1.75
8	MP1B	Z	-202.399	1.75
9	MP1B	Mx	.156	1.75
10	MP1B	X	-116.855	6.75
11	MP1B	Z	-202.399	6.75
12	MP1B	Mx	.156	6.75
13	MP1C	X	-86.775	1.75
14	MP1C	Z	-150.299	1.75
15	MP1C	Mx	-.208	1.75
16	MP1C	X	-86.775	6.75
17	MP1C	Z	-150.299	6.75
18	MP1C	Mx	-.208	6.75
19	MP1A	X	-106.828	1.75
20	MP1A	Z	-185.032	1.75
21	MP1A	Mx	.23	1.75
22	MP1A	X	-106.828	6.75
23	MP1A	Z	-185.032	6.75
24	MP1A	Mx	.23	6.75
25	MP1B	X	-116.855	1.75
26	MP1B	Z	-202.399	1.75
27	MP1B	Mx	-.156	1.75
28	MP1B	X	-116.855	6.75
29	MP1B	Z	-202.399	6.75
30	MP1B	Mx	-.156	6.75
31	MP1C	X	-86.775	1.75
32	MP1C	Z	-150.299	1.75
33	MP1C	Mx	-.092	1.75
34	MP1C	X	-86.775	6.75
35	MP1C	Z	-150.299	6.75
36	MP1C	Mx	-.092	6.75
37	MP3A	X	-42.041	3.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
38	MP3A	Z	-72.817	3.25
39	MP3A	Mx	.042	3.25
40	MP3A	X	-42.041	5.25
41	MP3A	Z	-72.817	5.25
42	MP3A	Mx	.042	5.25
43	MP3B	X	-50.282	3.25
44	MP3B	Z	-87.091	3.25
45	MP3B	Mx	0	3.25
46	MP3B	X	-50.282	5.25
47	MP3B	Z	-87.091	5.25
48	MP3B	Mx	0	5.25
49	MP3C	X	-25.558	3.25
50	MP3C	Z	-44.268	3.25
51	MP3C	Mx	-.044	3.25
52	MP3C	X	-25.558	5.25
53	MP3C	Z	-44.268	5.25
54	MP3C	Mx	-.044	5.25
55	MP1A	X	-8.761	6
56	MP1A	Z	-15.174	6
57	MP1A	Mx	-.004	6
58	MP1B	X	-9.492	6
59	MP1B	Z	-16.441	6
60	MP1B	Mx	0	6
61	MP1C	X	-7.299	6
62	MP1C	Z	-12.642	6
63	MP1C	Mx	.006	6
64	MP1A	X	-36.493	4.5
65	MP1A	Z	-63.208	4.5
66	MP1A	Mx	-.018	4.5
67	MP1B	X	-39.764	4.5
68	MP1B	Z	-68.873	4.5
69	MP1B	Mx	0	4.5
70	MP1C	X	-29.951	4.5
71	MP1C	Z	-51.877	4.5
72	MP1C	Mx	.026	4.5
73	MP2A	X	-35.275	4.5
74	MP2A	Z	-61.097	4.5
75	MP2A	Mx	-.018	4.5
76	MP2B	X	-39.764	4.5
77	MP2B	Z	-68.873	4.5
78	MP2B	Mx	0	4.5
79	MP2C	X	-26.296	4.5
80	MP2C	Z	-45.545	4.5
81	MP2C	Mx	.023	4.5
82	MP1A	X	-16.631	8
83	MP1A	Z	-28.806	8
84	MP1A	Mx	.008	8
85	MP1A	X	-16.631	8
86	MP1A	Z	-28.806	8
87	MP1A	Mx	-.008	8

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	0	1.75
2	MP1A	Z	-37.929	1.75
3	MP1A	Mx	-.025	1.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
4	MP1A	X	0	6.75
5	MP1A	Z	-37.929	6.75
6	MP1A	Mx	-.025	6.75
7	MP1B	X	0	1.75
8	MP1B	Z	-34.918	1.75
9	MP1B	Mx	.038	1.75
10	MP1B	X	0	6.75
11	MP1B	Z	-34.918	6.75
12	MP1B	Mx	.038	6.75
13	MP1C	X	0	1.75
14	MP1C	Z	-25.886	1.75
15	MP1C	Mx	-.026	1.75
16	MP1C	X	0	6.75
17	MP1C	Z	-25.886	6.75
18	MP1C	Mx	-.026	6.75
19	MP1A	X	0	1.75
20	MP1A	Z	-37.929	1.75
21	MP1A	Mx	.025	1.75
22	MP1A	X	0	6.75
23	MP1A	Z	-37.929	6.75
24	MP1A	Mx	.025	6.75
25	MP1B	X	0	1.75
26	MP1B	Z	-34.918	1.75
27	MP1B	Mx	-.003	1.75
28	MP1B	X	0	6.75
29	MP1B	Z	-34.918	6.75
30	MP1B	Mx	-.003	6.75
31	MP1C	X	0	1.75
32	MP1C	Z	-25.886	1.75
33	MP1C	Mx	-.026	1.75
34	MP1C	X	0	6.75
35	MP1C	Z	-25.886	6.75
36	MP1C	Mx	-.026	6.75
37	MP3A	X	0	3.25
38	MP3A	Z	-20.18	3.25
39	MP3A	Mx	0	3.25
40	MP3A	X	0	5.25
41	MP3A	Z	-20.18	5.25
42	MP3A	Mx	0	5.25
43	MP3B	X	0	3.25
44	MP3B	Z	-17.287	3.25
45	MP3B	Mx	.009	3.25
46	MP3B	X	0	5.25
47	MP3B	Z	-17.287	5.25
48	MP3B	Mx	.009	5.25
49	MP3C	X	0	3.25
50	MP3C	Z	-8.605	3.25
51	MP3C	Mx	-.009	3.25
52	MP3C	X	0	5.25
53	MP3C	Z	-8.605	5.25
54	MP3C	Mx	-.009	5.25
55	MP1A	X	0	6
56	MP1A	Z	-4.142	6
57	MP1A	Mx	0	6
58	MP1B	X	0	6
59	MP1B	Z	-3.884	6
60	MP1B	Mx	-.000971	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
61	MP1C	X	0	6
62	MP1C	Z	-3.111	6
63	MP1C	Mx	.002	6
64	MP1A	X	0	4.5
65	MP1A	Z	-17.02	4.5
66	MP1A	Mx	0	4.5
67	MP1B	X	0	4.5
68	MP1B	Z	-15.727	4.5
69	MP1B	Mx	-.004	4.5
70	MP1C	X	0	4.5
71	MP1C	Z	-11.845	4.5
72	MP1C	Mx	.006	4.5
73	MP2A	X	0	4.5
74	MP2A	Z	-17.02	4.5
75	MP2A	Mx	0	4.5
76	MP2B	X	0	4.5
77	MP2B	Z	-15.235	4.5
78	MP2B	Mx	-.004	4.5
79	MP2C	X	0	4.5
80	MP2C	Z	-9.879	4.5
81	MP2C	Mx	.005	4.5
82	MP1A	X	0	8
83	MP1A	Z	-7.738	8
84	MP1A	Mx	0	8
85	MP1A	X	0	8
86	MP1A	Z	-7.738	8
87	MP1A	Mx	0	8

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	17.459	1.75
2	MP1A	Z	-30.24	1.75
3	MP1A	Mx	-.038	1.75
4	MP1A	X	17.459	6.75
5	MP1A	Z	-30.24	6.75
6	MP1A	Mx	-.038	6.75
7	MP1B	X	14.448	1.75
8	MP1B	Z	-25.025	1.75
9	MP1B	Mx	.035	1.75
10	MP1B	X	14.448	6.75
11	MP1B	Z	-25.025	6.75
12	MP1B	Mx	.035	6.75
13	MP1C	X	14.448	1.75
14	MP1C	Z	-25.025	1.75
15	MP1C	Mx	-.015	1.75
16	MP1C	X	14.448	6.75
17	MP1C	Z	-25.025	6.75
18	MP1C	Mx	-.015	6.75
19	MP1A	X	17.459	1.75
20	MP1A	Z	-30.24	1.75
21	MP1A	Mx	.003	1.75
22	MP1A	X	17.459	6.75
23	MP1A	Z	-30.24	6.75
24	MP1A	Mx	.003	6.75
25	MP1B	X	14.448	1.75
26	MP1B	Z	-25.025	1.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
27	MP1B	Mx	.015	1.75
28	MP1B	X	14.448	6.75
29	MP1B	Z	-25.025	6.75
30	MP1B	Mx	.015	6.75
31	MP1C	X	14.448	1.75
32	MP1C	Z	-25.025	1.75
33	MP1C	Mx	-.035	1.75
34	MP1C	X	14.448	6.75
35	MP1C	Z	-25.025	6.75
36	MP1C	Mx	-.035	6.75
37	MP3A	X	8.643	3.25
38	MP3A	Z	-14.971	3.25
39	MP3A	Mx	-.009	3.25
40	MP3A	X	8.643	5.25
41	MP3A	Z	-14.971	5.25
42	MP3A	Mx	-.009	5.25
43	MP3B	X	5.75	3.25
44	MP3B	Z	-9.959	3.25
45	MP3B	Mx	.01	3.25
46	MP3B	X	5.75	5.25
47	MP3B	Z	-9.959	5.25
48	MP3B	Mx	.01	5.25
49	MP3C	X	5.75	3.25
50	MP3C	Z	-9.959	3.25
51	MP3C	Mx	-.01	3.25
52	MP3C	X	5.75	5.25
53	MP3C	Z	-9.959	5.25
54	MP3C	Mx	-.01	5.25
55	MP1A	X	1.942	6
56	MP1A	Z	-3.364	6
57	MP1A	Mx	.000971	6
58	MP1B	X	1.684	6
59	MP1B	Z	-2.917	6
60	MP1B	Mx	-.001	6
61	MP1C	X	1.684	6
62	MP1C	Z	-2.917	6
63	MP1C	Mx	.001	6
64	MP1A	X	7.863	4.5
65	MP1A	Z	-13.62	4.5
66	MP1A	Mx	.004	4.5
67	MP1B	X	6.57	4.5
68	MP1B	Z	-11.379	4.5
69	MP1B	Mx	-.006	4.5
70	MP1C	X	6.57	4.5
71	MP1C	Z	-11.379	4.5
72	MP1C	Mx	.006	4.5
73	MP2A	X	7.617	4.5
74	MP2A	Z	-13.194	4.5
75	MP2A	Mx	.004	4.5
76	MP2B	X	5.832	4.5
77	MP2B	Z	-10.101	4.5
78	MP2B	Mx	-.005	4.5
79	MP2C	X	5.832	4.5
80	MP2C	Z	-10.101	4.5
81	MP2C	Mx	.005	4.5
82	MP1A	X	3.327	8
83	MP1A	Z	-5.763	8

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
84	MP1A	Mx	-.002	8
85	MP1A	X	3.327	8
86	MP1A	Z	-5.763	8
87	MP1A	Mx	.002	8

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	25.025	1.75
2	MP1A	Z	-14.448	1.75
3	MP1A	Mx	-.035	1.75
4	MP1A	X	25.025	6.75
5	MP1A	Z	-14.448	6.75
6	MP1A	Mx	-.035	6.75
7	MP1B	X	22.418	1.75
8	MP1B	Z	-12.943	1.75
9	MP1B	Mx	.026	1.75
10	MP1B	X	22.418	6.75
11	MP1B	Z	-12.943	6.75
12	MP1B	Mx	.026	6.75
13	MP1C	X	30.24	1.75
14	MP1C	Z	-17.459	1.75
15	MP1C	Mx	.003	1.75
16	MP1C	X	30.24	6.75
17	MP1C	Z	-17.459	6.75
18	MP1C	Mx	.003	6.75
19	MP1A	X	25.025	1.75
20	MP1A	Z	-14.448	1.75
21	MP1A	Mx	-.015	1.75
22	MP1A	X	25.025	6.75
23	MP1A	Z	-14.448	6.75
24	MP1A	Mx	-.015	6.75
25	MP1B	X	22.418	1.75
26	MP1B	Z	-12.943	1.75
27	MP1B	Mx	.026	1.75
28	MP1B	X	22.418	6.75
29	MP1B	Z	-12.943	6.75
30	MP1B	Mx	.026	6.75
31	MP1C	X	30.24	1.75
32	MP1C	Z	-17.459	1.75
33	MP1C	Mx	-.038	1.75
34	MP1C	X	30.24	6.75
35	MP1C	Z	-17.459	6.75
36	MP1C	Mx	-.038	6.75
37	MP3A	X	9.959	3.25
38	MP3A	Z	-5.75	3.25
39	MP3A	Mx	-.01	3.25
40	MP3A	X	9.959	5.25
41	MP3A	Z	-5.75	5.25
42	MP3A	Mx	-.01	5.25
43	MP3B	X	7.453	3.25
44	MP3B	Z	-4.303	3.25
45	MP3B	Mx	.009	3.25
46	MP3B	X	7.453	5.25
47	MP3B	Z	-4.303	5.25
48	MP3B	Mx	.009	5.25
49	MP3C	X	14.971	3.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
50	MP3C	Z	-8.643	3.25
51	MP3C	Mx	-.009	3.25
52	MP3C	X	14.971	5.25
53	MP3C	Z	-8.643	5.25
54	MP3C	Mx	-.009	5.25
55	MP1A	X	2.917	6
56	MP1A	Z	-1.684	6
57	MP1A	Mx	.001	6
58	MP1B	X	2.694	6
59	MP1B	Z	-1.555	6
60	MP1B	Mx	-.002	6
61	MP1C	X	3.364	6
62	MP1C	Z	-1.942	6
63	MP1C	Mx	.000971	6
64	MP1A	X	11.379	4.5
65	MP1A	Z	-6.57	4.5
66	MP1A	Mx	.006	4.5
67	MP1B	X	10.258	4.5
68	MP1B	Z	-5.923	4.5
69	MP1B	Mx	-.006	4.5
70	MP1C	X	13.62	4.5
71	MP1C	Z	-7.863	4.5
72	MP1C	Mx	.004	4.5
73	MP2A	X	10.101	4.5
74	MP2A	Z	-5.832	4.5
75	MP2A	Mx	.005	4.5
76	MP2B	X	8.555	4.5
77	MP2B	Z	-4.939	4.5
78	MP2B	Mx	-.005	4.5
79	MP2C	X	13.194	4.5
80	MP2C	Z	-7.617	4.5
81	MP2C	Mx	.004	4.5
82	MP1A	X	3.885	8
83	MP1A	Z	-2.243	8
84	MP1A	Mx	-.002	8
85	MP1A	X	3.885	8
86	MP1A	Z	-2.243	8
87	MP1A	Mx	.002	8

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	25.886	1.75
2	MP1A	Z	0	1.75
3	MP1A	Mx	-.026	1.75
4	MP1A	X	25.886	6.75
5	MP1A	Z	0	6.75
6	MP1A	Mx	-.026	6.75
7	MP1B	X	28.896	1.75
8	MP1B	Z	0	1.75
9	MP1B	Mx	.015	1.75
10	MP1B	X	28.896	6.75
11	MP1B	Z	0	6.75
12	MP1B	Mx	.015	6.75
13	MP1C	X	37.929	1.75
14	MP1C	Z	0	1.75
15	MP1C	Mx	.025	1.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
16	MP1C	X	37.929	6.75
17	MP1C	Z	0	6.75
18	MP1C	Mx	.025	6.75
19	MP1A	X	25.886	1.75
20	MP1A	Z	0	1.75
21	MP1A	Mx	-.026	1.75
22	MP1A	X	25.886	6.75
23	MP1A	Z	0	6.75
24	MP1A	Mx	-.026	6.75
25	MP1B	X	28.896	1.75
26	MP1B	Z	0	1.75
27	MP1B	Mx	.035	1.75
28	MP1B	X	28.896	6.75
29	MP1B	Z	0	6.75
30	MP1B	Mx	.035	6.75
31	MP1C	X	37.929	1.75
32	MP1C	Z	0	1.75
33	MP1C	Mx	-.025	1.75
34	MP1C	X	37.929	6.75
35	MP1C	Z	0	6.75
36	MP1C	Mx	-.025	6.75
37	MP3A	X	8.605	3.25
38	MP3A	Z	0	3.25
39	MP3A	Mx	-.009	3.25
40	MP3A	X	8.605	5.25
41	MP3A	Z	0	5.25
42	MP3A	Mx	-.009	5.25
43	MP3B	X	11.499	3.25
44	MP3B	Z	0	3.25
45	MP3B	Mx	.01	3.25
46	MP3B	X	11.499	5.25
47	MP3B	Z	0	5.25
48	MP3B	Mx	.01	5.25
49	MP3C	X	20.18	3.25
50	MP3C	Z	0	3.25
51	MP3C	Mx	0	3.25
52	MP3C	X	20.18	5.25
53	MP3C	Z	0	5.25
54	MP3C	Mx	0	5.25
55	MP1A	X	3.111	6
56	MP1A	Z	0	6
57	MP1A	Mx	.002	6
58	MP1B	X	3.368	6
59	MP1B	Z	0	6
60	MP1B	Mx	-.001	6
61	MP1C	X	4.142	6
62	MP1C	Z	0	6
63	MP1C	Mx	0	6
64	MP1A	X	11.845	4.5
65	MP1A	Z	0	4.5
66	MP1A	Mx	.006	4.5
67	MP1B	X	13.139	4.5
68	MP1B	Z	0	4.5
69	MP1B	Mx	-.006	4.5
70	MP1C	X	17.02	4.5
71	MP1C	Z	0	4.5
72	MP1C	Mx	0	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
73	MP2A	X	9.879	4.5
74	MP2A	Z	0	4.5
75	MP2A	Mx	.005	4.5
76	MP2B	X	11.664	4.5
77	MP2B	Z	0	4.5
78	MP2B	Mx	-.005	4.5
79	MP2C	X	17.02	4.5
80	MP2C	Z	0	4.5
81	MP2C	Mx	0	4.5
82	MP1A	X	3.402	8
83	MP1A	Z	0	8
84	MP1A	Mx	-.002	8
85	MP1A	X	3.402	8
86	MP1A	Z	0	8
87	MP1A	Mx	.002	8

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	25.025	1.75
2	MP1A	Z	14.448	1.75
3	MP1A	Mx	-.015	1.75
4	MP1A	X	25.025	6.75
5	MP1A	Z	14.448	6.75
6	MP1A	Mx	-.015	6.75
7	MP1B	X	30.24	1.75
8	MP1B	Z	17.459	1.75
9	MP1B	Mx	-.003	1.75
10	MP1B	X	30.24	6.75
11	MP1B	Z	17.459	6.75
12	MP1B	Mx	-.003	6.75
13	MP1C	X	30.24	1.75
14	MP1C	Z	17.459	1.75
15	MP1C	Mx	.038	1.75
16	MP1C	X	30.24	6.75
17	MP1C	Z	17.459	6.75
18	MP1C	Mx	.038	6.75
19	MP1A	X	25.025	1.75
20	MP1A	Z	14.448	1.75
21	MP1A	Mx	-.035	1.75
22	MP1A	X	25.025	6.75
23	MP1A	Z	14.448	6.75
24	MP1A	Mx	-.035	6.75
25	MP1B	X	30.24	1.75
26	MP1B	Z	17.459	1.75
27	MP1B	Mx	.038	1.75
28	MP1B	X	30.24	6.75
29	MP1B	Z	17.459	6.75
30	MP1B	Mx	.038	6.75
31	MP1C	X	30.24	1.75
32	MP1C	Z	17.459	1.75
33	MP1C	Mx	-.003	1.75
34	MP1C	X	30.24	6.75
35	MP1C	Z	17.459	6.75
36	MP1C	Mx	-.003	6.75
37	MP3A	X	9.959	3.25
38	MP3A	Z	5.75	3.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
39	MP3A	Mx	-.01	3.25
40	MP3A	X	9.959	5.25
41	MP3A	Z	5.75	5.25
42	MP3A	Mx	-.01	5.25
43	MP3B	X	14.971	3.25
44	MP3B	Z	8.643	3.25
45	MP3B	Mx	.009	3.25
46	MP3B	X	14.971	5.25
47	MP3B	Z	8.643	5.25
48	MP3B	Mx	.009	5.25
49	MP3C	X	14.971	3.25
50	MP3C	Z	8.643	3.25
51	MP3C	Mx	.009	3.25
52	MP3C	X	14.971	5.25
53	MP3C	Z	8.643	5.25
54	MP3C	Mx	.009	5.25
55	MP1A	X	2.917	6
56	MP1A	Z	1.684	6
57	MP1A	Mx	.001	6
58	MP1B	X	3.364	6
59	MP1B	Z	1.942	6
60	MP1B	Mx	-.000971	6
61	MP1C	X	3.364	6
62	MP1C	Z	1.942	6
63	MP1C	Mx	-.000971	6
64	MP1A	X	11.379	4.5
65	MP1A	Z	6.57	4.5
66	MP1A	Mx	.006	4.5
67	MP1B	X	13.62	4.5
68	MP1B	Z	7.863	4.5
69	MP1B	Mx	-.004	4.5
70	MP1C	X	13.62	4.5
71	MP1C	Z	7.863	4.5
72	MP1C	Mx	-.004	4.5
73	MP2A	X	10.101	4.5
74	MP2A	Z	5.832	4.5
75	MP2A	Mx	.005	4.5
76	MP2B	X	13.194	4.5
77	MP2B	Z	7.617	4.5
78	MP2B	Mx	-.004	4.5
79	MP2C	X	13.194	4.5
80	MP2C	Z	7.617	4.5
81	MP2C	Mx	-.004	4.5
82	MP1A	X	3.885	8
83	MP1A	Z	2.243	8
84	MP1A	Mx	-.002	8
85	MP1A	X	3.885	8
86	MP1A	Z	2.243	8
87	MP1A	Mx	.002	8

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	17.459	1.75
2	MP1A	Z	30.24	1.75
3	MP1A	Mx	.003	1.75
4	MP1A	X	17.459	6.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
5	MP1A	Z	30.24	6.75
6	MP1A	Mx	.003	6.75
7	MP1B	X	18.965	1.75
8	MP1B	Z	32.848	1.75
9	MP1B	Mx	-.025	1.75
10	MP1B	X	18.965	6.75
11	MP1B	Z	32.848	6.75
12	MP1B	Mx	-.025	6.75
13	MP1C	X	14.448	1.75
14	MP1C	Z	25.025	1.75
15	MP1C	Mx	.035	1.75
16	MP1C	X	14.448	6.75
17	MP1C	Z	25.025	6.75
18	MP1C	Mx	.035	6.75
19	MP1A	X	17.459	1.75
20	MP1A	Z	30.24	1.75
21	MP1A	Mx	-.038	1.75
22	MP1A	X	17.459	6.75
23	MP1A	Z	30.24	6.75
24	MP1A	Mx	-.038	6.75
25	MP1B	X	18.965	1.75
26	MP1B	Z	32.848	1.75
27	MP1B	Mx	.025	1.75
28	MP1B	X	18.965	6.75
29	MP1B	Z	32.848	6.75
30	MP1B	Mx	.025	6.75
31	MP1C	X	14.448	1.75
32	MP1C	Z	25.025	1.75
33	MP1C	Mx	.015	1.75
34	MP1C	X	14.448	6.75
35	MP1C	Z	25.025	6.75
36	MP1C	Mx	.015	6.75
37	MP3A	X	8.643	3.25
38	MP3A	Z	14.971	3.25
39	MP3A	Mx	-.009	3.25
40	MP3A	X	8.643	5.25
41	MP3A	Z	14.971	5.25
42	MP3A	Mx	-.009	5.25
43	MP3B	X	10.09	3.25
44	MP3B	Z	17.477	3.25
45	MP3B	Mx	0	3.25
46	MP3B	X	10.09	5.25
47	MP3B	Z	17.477	5.25
48	MP3B	Mx	0	5.25
49	MP3C	X	5.75	3.25
50	MP3C	Z	9.959	3.25
51	MP3C	Mx	.01	3.25
52	MP3C	X	5.75	5.25
53	MP3C	Z	9.959	5.25
54	MP3C	Mx	.01	5.25
55	MP1A	X	1.942	6
56	MP1A	Z	3.364	6
57	MP1A	Mx	.000971	6
58	MP1B	X	2.071	6
59	MP1B	Z	3.587	6
60	MP1B	Mx	0	6
61	MP1C	X	1.684	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
62	MP1C	Z	2.917	6
63	MP1C	Mx	-.001	6
64	MP1A	X	7.863	4.5
65	MP1A	Z	13.62	4.5
66	MP1A	Mx	.004	4.5
67	MP1B	X	8.51	4.5
68	MP1B	Z	14.74	4.5
69	MP1B	Mx	0	4.5
70	MP1C	X	6.57	4.5
71	MP1C	Z	11.379	4.5
72	MP1C	Mx	-.006	4.5
73	MP2A	X	7.617	4.5
74	MP2A	Z	13.194	4.5
75	MP2A	Mx	.004	4.5
76	MP2B	X	8.51	4.5
77	MP2B	Z	14.74	4.5
78	MP2B	Mx	0	4.5
79	MP2C	X	5.832	4.5
80	MP2C	Z	10.101	4.5
81	MP2C	Mx	-.005	4.5
82	MP1A	X	3.327	8
83	MP1A	Z	5.763	8
84	MP1A	Mx	-.002	8
85	MP1A	X	3.327	8
86	MP1A	Z	5.763	8
87	MP1A	Mx	.002	8

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	0	1.75
2	MP1A	Z	37.929	1.75
3	MP1A	Mx	.025	1.75
4	MP1A	X	0	6.75
5	MP1A	Z	37.929	6.75
6	MP1A	Mx	.025	6.75
7	MP1B	X	0	1.75
8	MP1B	Z	34.918	1.75
9	MP1B	Mx	-.038	1.75
10	MP1B	X	0	6.75
11	MP1B	Z	34.918	6.75
12	MP1B	Mx	-.038	6.75
13	MP1C	X	0	1.75
14	MP1C	Z	25.886	1.75
15	MP1C	Mx	.026	1.75
16	MP1C	X	0	6.75
17	MP1C	Z	25.886	6.75
18	MP1C	Mx	.026	6.75
19	MP1A	X	0	1.75
20	MP1A	Z	37.929	1.75
21	MP1A	Mx	-.025	1.75
22	MP1A	X	0	6.75
23	MP1A	Z	37.929	6.75
24	MP1A	Mx	-.025	6.75
25	MP1B	X	0	1.75
26	MP1B	Z	34.918	1.75
27	MP1B	Mx	.003	1.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
28	MP1B	X	0	6.75
29	MP1B	Z	34.918	6.75
30	MP1B	Mx	.003	6.75
31	MP1C	X	0	1.75
32	MP1C	Z	25.886	1.75
33	MP1C	Mx	.026	1.75
34	MP1C	X	0	6.75
35	MP1C	Z	25.886	6.75
36	MP1C	Mx	.026	6.75
37	MP3A	X	0	3.25
38	MP3A	Z	20.18	3.25
39	MP3A	Mx	0	3.25
40	MP3A	X	0	5.25
41	MP3A	Z	20.18	5.25
42	MP3A	Mx	0	5.25
43	MP3B	X	0	3.25
44	MP3B	Z	17.287	3.25
45	MP3B	Mx	-.009	3.25
46	MP3B	X	0	5.25
47	MP3B	Z	17.287	5.25
48	MP3B	Mx	-.009	5.25
49	MP3C	X	0	3.25
50	MP3C	Z	8.605	3.25
51	MP3C	Mx	.009	3.25
52	MP3C	X	0	5.25
53	MP3C	Z	8.605	5.25
54	MP3C	Mx	.009	5.25
55	MP1A	X	0	6
56	MP1A	Z	4.142	6
57	MP1A	Mx	0	6
58	MP1B	X	0	6
59	MP1B	Z	3.884	6
60	MP1B	Mx	.000971	6
61	MP1C	X	0	6
62	MP1C	Z	3.111	6
63	MP1C	Mx	-.002	6
64	MP1A	X	0	4.5
65	MP1A	Z	17.02	4.5
66	MP1A	Mx	0	4.5
67	MP1B	X	0	4.5
68	MP1B	Z	15.727	4.5
69	MP1B	Mx	.004	4.5
70	MP1C	X	0	4.5
71	MP1C	Z	11.845	4.5
72	MP1C	Mx	-.006	4.5
73	MP2A	X	0	4.5
74	MP2A	Z	17.02	4.5
75	MP2A	Mx	0	4.5
76	MP2B	X	0	4.5
77	MP2B	Z	15.235	4.5
78	MP2B	Mx	.004	4.5
79	MP2C	X	0	4.5
80	MP2C	Z	9.879	4.5
81	MP2C	Mx	-.005	4.5
82	MP1A	X	0	8
83	MP1A	Z	7.738	8
84	MP1A	Mx	0	8

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
85	MP1A	X	0	8
86	MP1A	Z	7.738	8
87	MP1A	Mx	0	8

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-17.459	1.75
2	MP1A	Z	30.24	1.75
3	MP1A	Mx	.038	1.75
4	MP1A	X	-17.459	6.75
5	MP1A	Z	30.24	6.75
6	MP1A	Mx	.038	6.75
7	MP1B	X	-14.448	1.75
8	MP1B	Z	25.025	1.75
9	MP1B	Mx	-.035	1.75
10	MP1B	X	-14.448	6.75
11	MP1B	Z	25.025	6.75
12	MP1B	Mx	-.035	6.75
13	MP1C	X	-14.448	1.75
14	MP1C	Z	25.025	1.75
15	MP1C	Mx	.015	1.75
16	MP1C	X	-14.448	6.75
17	MP1C	Z	25.025	6.75
18	MP1C	Mx	.015	6.75
19	MP1A	X	-17.459	1.75
20	MP1A	Z	30.24	1.75
21	MP1A	Mx	-.003	1.75
22	MP1A	X	-17.459	6.75
23	MP1A	Z	30.24	6.75
24	MP1A	Mx	-.003	6.75
25	MP1B	X	-14.448	1.75
26	MP1B	Z	25.025	1.75
27	MP1B	Mx	-.015	1.75
28	MP1B	X	-14.448	6.75
29	MP1B	Z	25.025	6.75
30	MP1B	Mx	-.015	6.75
31	MP1C	X	-14.448	1.75
32	MP1C	Z	25.025	1.75
33	MP1C	Mx	.035	1.75
34	MP1C	X	-14.448	6.75
35	MP1C	Z	25.025	6.75
36	MP1C	Mx	.035	6.75
37	MP3A	X	-8.643	3.25
38	MP3A	Z	14.971	3.25
39	MP3A	Mx	.009	3.25
40	MP3A	X	-8.643	5.25
41	MP3A	Z	14.971	5.25
42	MP3A	Mx	.009	5.25
43	MP3B	X	-5.75	3.25
44	MP3B	Z	9.959	3.25
45	MP3B	Mx	-.01	3.25
46	MP3B	X	-5.75	5.25
47	MP3B	Z	9.959	5.25
48	MP3B	Mx	-.01	5.25
49	MP3C	X	-5.75	3.25
50	MP3C	Z	9.959	3.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
51	MP3C	Mx	.01	3.25
52	MP3C	X	-5.75	5.25
53	MP3C	Z	9.959	5.25
54	MP3C	Mx	.01	5.25
55	MP1A	X	-1.942	6
56	MP1A	Z	3.364	6
57	MP1A	Mx	-.000971	6
58	MP1B	X	-1.684	6
59	MP1B	Z	2.917	6
60	MP1B	Mx	.001	6
61	MP1C	X	-1.684	6
62	MP1C	Z	2.917	6
63	MP1C	Mx	-.001	6
64	MP1A	X	-7.863	4.5
65	MP1A	Z	13.62	4.5
66	MP1A	Mx	-.004	4.5
67	MP1B	X	-6.57	4.5
68	MP1B	Z	11.379	4.5
69	MP1B	Mx	.006	4.5
70	MP1C	X	-6.57	4.5
71	MP1C	Z	11.379	4.5
72	MP1C	Mx	-.006	4.5
73	MP2A	X	-7.617	4.5
74	MP2A	Z	13.194	4.5
75	MP2A	Mx	-.004	4.5
76	MP2B	X	-5.832	4.5
77	MP2B	Z	10.101	4.5
78	MP2B	Mx	.005	4.5
79	MP2C	X	-5.832	4.5
80	MP2C	Z	10.101	4.5
81	MP2C	Mx	-.005	4.5
82	MP1A	X	-3.327	8
83	MP1A	Z	5.763	8
84	MP1A	Mx	.002	8
85	MP1A	X	-3.327	8
86	MP1A	Z	5.763	8
87	MP1A	Mx	-.002	8

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-25.025	1.75
2	MP1A	Z	14.448	1.75
3	MP1A	Mx	.035	1.75
4	MP1A	X	-25.025	6.75
5	MP1A	Z	14.448	6.75
6	MP1A	Mx	.035	6.75
7	MP1B	X	-22.418	1.75
8	MP1B	Z	12.943	1.75
9	MP1B	Mx	-.026	1.75
10	MP1B	X	-22.418	6.75
11	MP1B	Z	12.943	6.75
12	MP1B	Mx	-.026	6.75
13	MP1C	X	-30.24	1.75
14	MP1C	Z	17.459	1.75
15	MP1C	Mx	-.003	1.75
16	MP1C	X	-30.24	6.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
17	MP1C	Z	17.459	6.75
18	MP1C	Mx	-.003	6.75
19	MP1A	X	-25.025	1.75
20	MP1A	Z	14.448	1.75
21	MP1A	Mx	.015	1.75
22	MP1A	X	-25.025	6.75
23	MP1A	Z	14.448	6.75
24	MP1A	Mx	.015	6.75
25	MP1B	X	-22.418	1.75
26	MP1B	Z	12.943	1.75
27	MP1B	Mx	-.026	1.75
28	MP1B	X	-22.418	6.75
29	MP1B	Z	12.943	6.75
30	MP1B	Mx	-.026	6.75
31	MP1C	X	-30.24	1.75
32	MP1C	Z	17.459	1.75
33	MP1C	Mx	.038	1.75
34	MP1C	X	-30.24	6.75
35	MP1C	Z	17.459	6.75
36	MP1C	Mx	.038	6.75
37	MP3A	X	-9.959	3.25
38	MP3A	Z	5.75	3.25
39	MP3A	Mx	.01	3.25
40	MP3A	X	-9.959	5.25
41	MP3A	Z	5.75	5.25
42	MP3A	Mx	.01	5.25
43	MP3B	X	-7.453	3.25
44	MP3B	Z	4.303	3.25
45	MP3B	Mx	-.009	3.25
46	MP3B	X	-7.453	5.25
47	MP3B	Z	4.303	5.25
48	MP3B	Mx	-.009	5.25
49	MP3C	X	-14.971	3.25
50	MP3C	Z	8.643	3.25
51	MP3C	Mx	.009	3.25
52	MP3C	X	-14.971	5.25
53	MP3C	Z	8.643	5.25
54	MP3C	Mx	.009	5.25
55	MP1A	X	-2.917	6
56	MP1A	Z	1.684	6
57	MP1A	Mx	-.001	6
58	MP1B	X	-2.694	6
59	MP1B	Z	1.555	6
60	MP1B	Mx	.002	6
61	MP1C	X	-3.364	6
62	MP1C	Z	1.942	6
63	MP1C	Mx	-.000971	6
64	MP1A	X	-11.379	4.5
65	MP1A	Z	6.57	4.5
66	MP1A	Mx	-.006	4.5
67	MP1B	X	-10.258	4.5
68	MP1B	Z	5.923	4.5
69	MP1B	Mx	.006	4.5
70	MP1C	X	-13.62	4.5
71	MP1C	Z	7.863	4.5
72	MP1C	Mx	-.004	4.5
73	MP2A	X	-10.101	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
74	MP2A	Z	5.832	4.5
75	MP2A	Mx	-.005	4.5
76	MP2B	X	-8.555	4.5
77	MP2B	Z	4.939	4.5
78	MP2B	Mx	.005	4.5
79	MP2C	X	-13.194	4.5
80	MP2C	Z	7.617	4.5
81	MP2C	Mx	-.004	4.5
82	MP1A	X	-3.885	8
83	MP1A	Z	2.243	8
84	MP1A	Mx	.002	8
85	MP1A	X	-3.885	8
86	MP1A	Z	2.243	8
87	MP1A	Mx	-.002	8

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-25.886	1.75
2	MP1A	Z	0	1.75
3	MP1A	Mx	.026	1.75
4	MP1A	X	-25.886	6.75
5	MP1A	Z	0	6.75
6	MP1A	Mx	.026	6.75
7	MP1B	X	-28.896	1.75
8	MP1B	Z	0	1.75
9	MP1B	Mx	-.015	1.75
10	MP1B	X	-28.896	6.75
11	MP1B	Z	0	6.75
12	MP1B	Mx	-.015	6.75
13	MP1C	X	-37.929	1.75
14	MP1C	Z	0	1.75
15	MP1C	Mx	-.025	1.75
16	MP1C	X	-37.929	6.75
17	MP1C	Z	0	6.75
18	MP1C	Mx	-.025	6.75
19	MP1A	X	-25.886	1.75
20	MP1A	Z	0	1.75
21	MP1A	Mx	.026	1.75
22	MP1A	X	-25.886	6.75
23	MP1A	Z	0	6.75
24	MP1A	Mx	.026	6.75
25	MP1B	X	-28.896	1.75
26	MP1B	Z	0	1.75
27	MP1B	Mx	-.035	1.75
28	MP1B	X	-28.896	6.75
29	MP1B	Z	0	6.75
30	MP1B	Mx	-.035	6.75
31	MP1C	X	-37.929	1.75
32	MP1C	Z	0	1.75
33	MP1C	Mx	.025	1.75
34	MP1C	X	-37.929	6.75
35	MP1C	Z	0	6.75
36	MP1C	Mx	.025	6.75
37	MP3A	X	-8.605	3.25
38	MP3A	Z	0	3.25
39	MP3A	Mx	.009	3.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
40	MP3A	X	-8.605	5.25
41	MP3A	Z	0	5.25
42	MP3A	Mx	.009	5.25
43	MP3B	X	-11.499	3.25
44	MP3B	Z	0	3.25
45	MP3B	Mx	-.01	3.25
46	MP3B	X	-11.499	5.25
47	MP3B	Z	0	5.25
48	MP3B	Mx	-.01	5.25
49	MP3C	X	-20.18	3.25
50	MP3C	Z	0	3.25
51	MP3C	Mx	0	3.25
52	MP3C	X	-20.18	5.25
53	MP3C	Z	0	5.25
54	MP3C	Mx	0	5.25
55	MP1A	X	-3.111	6
56	MP1A	Z	0	6
57	MP1A	Mx	-.002	6
58	MP1B	X	-3.368	6
59	MP1B	Z	0	6
60	MP1B	Mx	.001	6
61	MP1C	X	-4.142	6
62	MP1C	Z	0	6
63	MP1C	Mx	0	6
64	MP1A	X	-11.845	4.5
65	MP1A	Z	0	4.5
66	MP1A	Mx	-.006	4.5
67	MP1B	X	-13.139	4.5
68	MP1B	Z	0	4.5
69	MP1B	Mx	.006	4.5
70	MP1C	X	-17.02	4.5
71	MP1C	Z	0	4.5
72	MP1C	Mx	0	4.5
73	MP2A	X	-9.879	4.5
74	MP2A	Z	0	4.5
75	MP2A	Mx	-.005	4.5
76	MP2B	X	-11.664	4.5
77	MP2B	Z	0	4.5
78	MP2B	Mx	.005	4.5
79	MP2C	X	-17.02	4.5
80	MP2C	Z	0	4.5
81	MP2C	Mx	0	4.5
82	MP1A	X	-3.402	8
83	MP1A	Z	0	8
84	MP1A	Mx	.002	8
85	MP1A	X	-3.402	8
86	MP1A	Z	0	8
87	MP1A	Mx	-.002	8

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-25.025	1.75
2	MP1A	Z	-14.448	1.75
3	MP1A	Mx	.015	1.75
4	MP1A	X	-25.025	6.75
5	MP1A	Z	-14.448	6.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
6	MP1A	Mx	.015	6.75
7	MP1B	X	-30.24	1.75
8	MP1B	Z	-17.459	1.75
9	MP1B	Mx	.003	1.75
10	MP1B	X	-30.24	6.75
11	MP1B	Z	-17.459	6.75
12	MP1B	Mx	.003	6.75
13	MP1C	X	-30.24	1.75
14	MP1C	Z	-17.459	1.75
15	MP1C	Mx	-.038	1.75
16	MP1C	X	-30.24	6.75
17	MP1C	Z	-17.459	6.75
18	MP1C	Mx	-.038	6.75
19	MP1A	X	-25.025	1.75
20	MP1A	Z	-14.448	1.75
21	MP1A	Mx	.035	1.75
22	MP1A	X	-25.025	6.75
23	MP1A	Z	-14.448	6.75
24	MP1A	Mx	.035	6.75
25	MP1B	X	-30.24	1.75
26	MP1B	Z	-17.459	1.75
27	MP1B	Mx	-.038	1.75
28	MP1B	X	-30.24	6.75
29	MP1B	Z	-17.459	6.75
30	MP1B	Mx	-.038	6.75
31	MP1C	X	-30.24	1.75
32	MP1C	Z	-17.459	1.75
33	MP1C	Mx	.003	1.75
34	MP1C	X	-30.24	6.75
35	MP1C	Z	-17.459	6.75
36	MP1C	Mx	.003	6.75
37	MP3A	X	-9.959	3.25
38	MP3A	Z	-5.75	3.25
39	MP3A	Mx	.01	3.25
40	MP3A	X	-9.959	5.25
41	MP3A	Z	-5.75	5.25
42	MP3A	Mx	.01	5.25
43	MP3B	X	-14.971	3.25
44	MP3B	Z	-8.643	3.25
45	MP3B	Mx	-.009	3.25
46	MP3B	X	-14.971	5.25
47	MP3B	Z	-8.643	5.25
48	MP3B	Mx	-.009	5.25
49	MP3C	X	-14.971	3.25
50	MP3C	Z	-8.643	3.25
51	MP3C	Mx	-.009	3.25
52	MP3C	X	-14.971	5.25
53	MP3C	Z	-8.643	5.25
54	MP3C	Mx	-.009	5.25
55	MP1A	X	-2.917	6
56	MP1A	Z	-1.684	6
57	MP1A	Mx	-.001	6
58	MP1B	X	-3.364	6
59	MP1B	Z	-1.942	6
60	MP1B	Mx	.000971	6
61	MP1C	X	-3.364	6
62	MP1C	Z	-1.942	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
63	MP1C	Mx	.000971	6
64	MP1A	X	-11.379	4.5
65	MP1A	Z	-6.57	4.5
66	MP1A	Mx	-.006	4.5
67	MP1B	X	-13.62	4.5
68	MP1B	Z	-7.863	4.5
69	MP1B	Mx	.004	4.5
70	MP1C	X	-13.62	4.5
71	MP1C	Z	-7.863	4.5
72	MP1C	Mx	.004	4.5
73	MP2A	X	-10.101	4.5
74	MP2A	Z	-5.832	4.5
75	MP2A	Mx	-.005	4.5
76	MP2B	X	-13.194	4.5
77	MP2B	Z	-7.617	4.5
78	MP2B	Mx	.004	4.5
79	MP2C	X	-13.194	4.5
80	MP2C	Z	-7.617	4.5
81	MP2C	Mx	.004	4.5
82	MP1A	X	-3.885	8
83	MP1A	Z	-2.243	8
84	MP1A	Mx	.002	8
85	MP1A	X	-3.885	8
86	MP1A	Z	-2.243	8
87	MP1A	Mx	-.002	8

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-17.459	1.75
2	MP1A	Z	-30.24	1.75
3	MP1A	Mx	-.003	1.75
4	MP1A	X	-17.459	6.75
5	MP1A	Z	-30.24	6.75
6	MP1A	Mx	-.003	6.75
7	MP1B	X	-18.965	1.75
8	MP1B	Z	-32.848	1.75
9	MP1B	Mx	.025	1.75
10	MP1B	X	-18.965	6.75
11	MP1B	Z	-32.848	6.75
12	MP1B	Mx	.025	6.75
13	MP1C	X	-14.448	1.75
14	MP1C	Z	-25.025	1.75
15	MP1C	Mx	-.035	1.75
16	MP1C	X	-14.448	6.75
17	MP1C	Z	-25.025	6.75
18	MP1C	Mx	-.035	6.75
19	MP1A	X	-17.459	1.75
20	MP1A	Z	-30.24	1.75
21	MP1A	Mx	.038	1.75
22	MP1A	X	-17.459	6.75
23	MP1A	Z	-30.24	6.75
24	MP1A	Mx	.038	6.75
25	MP1B	X	-18.965	1.75
26	MP1B	Z	-32.848	1.75
27	MP1B	Mx	-.025	1.75
28	MP1B	X	-18.965	6.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
29	MP1B	Z	-32.848	6.75
30	MP1B	Mx	-.025	6.75
31	MP1C	X	-14.448	1.75
32	MP1C	Z	-25.025	1.75
33	MP1C	Mx	-.015	1.75
34	MP1C	X	-14.448	6.75
35	MP1C	Z	-25.025	6.75
36	MP1C	Mx	-.015	6.75
37	MP3A	X	-8.643	3.25
38	MP3A	Z	-14.971	3.25
39	MP3A	Mx	.009	3.25
40	MP3A	X	-8.643	5.25
41	MP3A	Z	-14.971	5.25
42	MP3A	Mx	.009	5.25
43	MP3B	X	-10.09	3.25
44	MP3B	Z	-17.477	3.25
45	MP3B	Mx	0	3.25
46	MP3B	X	-10.09	5.25
47	MP3B	Z	-17.477	5.25
48	MP3B	Mx	0	5.25
49	MP3C	X	-5.75	3.25
50	MP3C	Z	-9.959	3.25
51	MP3C	Mx	-.01	3.25
52	MP3C	X	-5.75	5.25
53	MP3C	Z	-9.959	5.25
54	MP3C	Mx	-.01	5.25
55	MP1A	X	-1.942	6
56	MP1A	Z	-3.364	6
57	MP1A	Mx	-.000971	6
58	MP1B	X	-2.071	6
59	MP1B	Z	-3.587	6
60	MP1B	Mx	0	6
61	MP1C	X	-1.684	6
62	MP1C	Z	-2.917	6
63	MP1C	Mx	.001	6
64	MP1A	X	-7.863	4.5
65	MP1A	Z	-13.62	4.5
66	MP1A	Mx	-.004	4.5
67	MP1B	X	-8.51	4.5
68	MP1B	Z	-14.74	4.5
69	MP1B	Mx	0	4.5
70	MP1C	X	-6.57	4.5
71	MP1C	Z	-11.379	4.5
72	MP1C	Mx	.006	4.5
73	MP2A	X	-7.617	4.5
74	MP2A	Z	-13.194	4.5
75	MP2A	Mx	-.004	4.5
76	MP2B	X	-8.51	4.5
77	MP2B	Z	-14.74	4.5
78	MP2B	Mx	0	4.5
79	MP2C	X	-5.832	4.5
80	MP2C	Z	-10.101	4.5
81	MP2C	Mx	.005	4.5
82	MP1A	X	-3.327	8
83	MP1A	Z	-5.763	8
84	MP1A	Mx	.002	8
85	MP1A	X	-3.327	8

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
86	MP1A	Z	-5.763	8
87	MP1A	Mx	-.002	8

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	0	1.75
2	MP1A	Z	-12.446	1.75
3	MP1A	Mx	-.008	1.75
4	MP1A	X	0	6.75
5	MP1A	Z	-12.446	6.75
6	MP1A	Mx	-.008	6.75
7	MP1B	X	0	1.75
8	MP1B	Z	-11.378	1.75
9	MP1B	Mx	.012	1.75
10	MP1B	X	0	6.75
11	MP1B	Z	-11.378	6.75
12	MP1B	Mx	.012	6.75
13	MP1C	X	0	1.75
14	MP1C	Z	-8.174	1.75
15	MP1C	Mx	-.008	1.75
16	MP1C	X	0	6.75
17	MP1C	Z	-8.174	6.75
18	MP1C	Mx	-.008	6.75
19	MP1A	X	0	1.75
20	MP1A	Z	-12.446	1.75
21	MP1A	Mx	.008	1.75
22	MP1A	X	0	6.75
23	MP1A	Z	-12.446	6.75
24	MP1A	Mx	.008	6.75
25	MP1B	X	0	1.75
26	MP1B	Z	-11.378	1.75
27	MP1B	Mx	-.00088	1.75
28	MP1B	X	0	6.75
29	MP1B	Z	-11.378	6.75
30	MP1B	Mx	-.00088	6.75
31	MP1C	X	0	1.75
32	MP1C	Z	-8.174	1.75
33	MP1C	Mx	-.008	1.75
34	MP1C	X	0	6.75
35	MP1C	Z	-8.174	6.75
36	MP1C	Mx	-.008	6.75
37	MP3A	X	0	3.25
38	MP3A	Z	-5.356	3.25
39	MP3A	Mx	0	3.25
40	MP3A	X	0	5.25
41	MP3A	Z	-5.356	5.25
42	MP3A	Mx	0	5.25
43	MP3B	X	0	3.25
44	MP3B	Z	-4.478	3.25
45	MP3B	Mx	.002	3.25
46	MP3B	X	0	5.25
47	MP3B	Z	-4.478	5.25
48	MP3B	Mx	.002	5.25
49	MP3C	X	0	3.25
50	MP3C	Z	-1.844	3.25
51	MP3C	Mx	-.002	3.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
52	MP3C	X	0	5.25
53	MP3C	Z	-1.844	5.25
54	MP3C	Mx	-.002	5.25
55	MP1A	X	0	6
56	MP1A	Z	-1.011	6
57	MP1A	Mx	0	6
58	MP1B	X	0	6
59	MP1B	Z	-.933	6
60	MP1B	Mx	-.000233	6
61	MP1C	X	0	6
62	MP1C	Z	-.699	6
63	MP1C	Mx	.00035	6
64	MP1A	X	0	4.5
65	MP1A	Z	-4.235	4.5
66	MP1A	Mx	0	4.5
67	MP1B	X	0	4.5
68	MP1B	Z	-3.887	4.5
69	MP1B	Mx	-.000972	4.5
70	MP1C	X	0	4.5
71	MP1C	Z	-2.842	4.5
72	MP1C	Mx	.001	4.5
73	MP2A	X	0	4.5
74	MP2A	Z	-4.235	4.5
75	MP2A	Mx	0	4.5
76	MP2B	X	0	4.5
77	MP2B	Z	-3.757	4.5
78	MP2B	Mx	-.000939	4.5
79	MP2C	X	0	4.5
80	MP2C	Z	-2.323	4.5
81	MP2C	Mx	.001	4.5
82	MP1A	X	0	8
83	MP1A	Z	-2.104	8
84	MP1A	Mx	0	8
85	MP1A	X	0	8
86	MP1A	Z	-2.104	8
87	MP1A	Mx	0	8

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	5.689	1.75
2	MP1A	Z	-9.854	1.75
3	MP1A	Mx	-.012	1.75
4	MP1A	X	5.689	6.75
5	MP1A	Z	-9.854	6.75
6	MP1A	Mx	-.012	6.75
7	MP1B	X	4.621	1.75
8	MP1B	Z	-8.004	1.75
9	MP1B	Mx	.011	1.75
10	MP1B	X	4.621	6.75
11	MP1B	Z	-8.004	6.75
12	MP1B	Mx	.011	6.75
13	MP1C	X	4.621	1.75
14	MP1C	Z	-8.004	1.75
15	MP1C	Mx	-.005	1.75
16	MP1C	X	4.621	6.75
17	MP1C	Z	-8.004	6.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
18	MP1C	Mx	-.005	6.75
19	MP1A	X	5.689	1.75
20	MP1A	Z	-9.854	1.75
21	MP1A	Mx	.00088	1.75
22	MP1A	X	5.689	6.75
23	MP1A	Z	-9.854	6.75
24	MP1A	Mx	.00088	6.75
25	MP1B	X	4.621	1.75
26	MP1B	Z	-8.004	1.75
27	MP1B	Mx	.005	1.75
28	MP1B	X	4.621	6.75
29	MP1B	Z	-8.004	6.75
30	MP1B	Mx	.005	6.75
31	MP1C	X	4.621	1.75
32	MP1C	Z	-8.004	1.75
33	MP1C	Mx	-.011	1.75
34	MP1C	X	4.621	6.75
35	MP1C	Z	-8.004	6.75
36	MP1C	Mx	-.011	6.75
37	MP3A	X	2.239	3.25
38	MP3A	Z	-3.878	3.25
39	MP3A	Mx	-.002	3.25
40	MP3A	X	2.239	5.25
41	MP3A	Z	-3.878	5.25
42	MP3A	Mx	-.002	5.25
43	MP3B	X	1.361	3.25
44	MP3B	Z	-2.357	3.25
45	MP3B	Mx	.002	3.25
46	MP3B	X	1.361	5.25
47	MP3B	Z	-2.357	5.25
48	MP3B	Mx	.002	5.25
49	MP3C	X	1.361	3.25
50	MP3C	Z	-2.357	3.25
51	MP3C	Mx	-.002	3.25
52	MP3C	X	1.361	5.25
53	MP3C	Z	-2.357	5.25
54	MP3C	Mx	-.002	5.25
55	MP1A	X	.467	6
56	MP1A	Z	-.808	6
57	MP1A	Mx	.000234	6
58	MP1B	X	.389	6
59	MP1B	Z	-.673	6
60	MP1B	Mx	-.000337	6
61	MP1C	X	.389	6
62	MP1C	Z	-.673	6
63	MP1C	Mx	.000337	6
64	MP1A	X	1.943	4.5
65	MP1A	Z	-3.366	4.5
66	MP1A	Mx	.000972	4.5
67	MP1B	X	1.595	4.5
68	MP1B	Z	-2.763	4.5
69	MP1B	Mx	-.001	4.5
70	MP1C	X	1.595	4.5
71	MP1C	Z	-2.763	4.5
72	MP1C	Mx	.001	4.5
73	MP2A	X	1.879	4.5
74	MP2A	Z	-3.254	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
75	MP2A	Mx	.00094	4.5
76	MP2B	X	1.4	4.5
77	MP2B	Z	-2.425	4.5
78	MP2B	Mx	-.001	4.5
79	MP2C	X	1.4	4.5
80	MP2C	Z	-2.425	4.5
81	MP2C	Mx	.001	4.5
82	MP1A	X	.886	8
83	MP1A	Z	-1.534	8
84	MP1A	Mx	-.000443	8
85	MP1A	X	.886	8
86	MP1A	Z	-1.534	8
87	MP1A	Mx	.000443	8

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	8.004	1.75
2	MP1A	Z	-4.621	1.75
3	MP1A	Mx	-.011	1.75
4	MP1A	X	8.004	6.75
5	MP1A	Z	-4.621	6.75
6	MP1A	Mx	-.011	6.75
7	MP1B	X	7.079	1.75
8	MP1B	Z	-4.087	1.75
9	MP1B	Mx	.008	1.75
10	MP1B	X	7.079	6.75
11	MP1B	Z	-4.087	6.75
12	MP1B	Mx	.008	6.75
13	MP1C	X	9.854	1.75
14	MP1C	Z	-5.689	1.75
15	MP1C	Mx	.00088	1.75
16	MP1C	X	9.854	6.75
17	MP1C	Z	-5.689	6.75
18	MP1C	Mx	.00088	6.75
19	MP1A	X	8.004	1.75
20	MP1A	Z	-4.621	1.75
21	MP1A	Mx	-.005	1.75
22	MP1A	X	8.004	6.75
23	MP1A	Z	-4.621	6.75
24	MP1A	Mx	-.005	6.75
25	MP1B	X	7.079	1.75
26	MP1B	Z	-4.087	1.75
27	MP1B	Mx	.008	1.75
28	MP1B	X	7.079	6.75
29	MP1B	Z	-4.087	6.75
30	MP1B	Mx	.008	6.75
31	MP1C	X	9.854	1.75
32	MP1C	Z	-5.689	1.75
33	MP1C	Mx	-.012	1.75
34	MP1C	X	9.854	6.75
35	MP1C	Z	-5.689	6.75
36	MP1C	Mx	-.012	6.75
37	MP3A	X	2.357	3.25
38	MP3A	Z	-1.361	3.25
39	MP3A	Mx	-.002	3.25
40	MP3A	X	2.357	5.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
41	MP3A	Z	-1.361	5.25
42	MP3A	Mx	-.002	5.25
43	MP3B	X	1.597	3.25
44	MP3B	Z	-.922	3.25
45	MP3B	Mx	.002	3.25
46	MP3B	X	1.597	5.25
47	MP3B	Z	-.922	5.25
48	MP3B	Mx	.002	5.25
49	MP3C	X	3.878	3.25
50	MP3C	Z	-2.239	3.25
51	MP3C	Mx	-.002	3.25
52	MP3C	X	3.878	5.25
53	MP3C	Z	-2.239	5.25
54	MP3C	Mx	-.002	5.25
55	MP1A	X	.673	6
56	MP1A	Z	-.389	6
57	MP1A	Mx	.000337	6
58	MP1B	X	.606	6
59	MP1B	Z	-.35	6
60	MP1B	Mx	-.00035	6
61	MP1C	X	.808	6
62	MP1C	Z	-.467	6
63	MP1C	Mx	.000234	6
64	MP1A	X	2.763	4.5
65	MP1A	Z	-1.595	4.5
66	MP1A	Mx	.001	4.5
67	MP1B	X	2.461	4.5
68	MP1B	Z	-1.421	4.5
69	MP1B	Mx	-.001	4.5
70	MP1C	X	3.366	4.5
71	MP1C	Z	-1.943	4.5
72	MP1C	Mx	.000972	4.5
73	MP2A	X	2.425	4.5
74	MP2A	Z	-1.4	4.5
75	MP2A	Mx	.001	4.5
76	MP2B	X	2.011	4.5
77	MP2B	Z	-1.161	4.5
78	MP2B	Mx	-.001	4.5
79	MP2C	X	3.254	4.5
80	MP2C	Z	-1.879	4.5
81	MP2C	Mx	.00094	4.5
82	MP1A	X	.958	8
83	MP1A	Z	-.553	8
84	MP1A	Mx	-.000479	8
85	MP1A	X	.958	8
86	MP1A	Z	-.553	8
87	MP1A	Mx	.000479	8

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	8.174	1.75
2	MP1A	Z	0	1.75
3	MP1A	Mx	-.008	1.75
4	MP1A	X	8.174	6.75
5	MP1A	Z	0	6.75
6	MP1A	Mx	-.008	6.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
7	MP1B	X	9.242	1.75
8	MP1B	Z	0	1.75
9	MP1B	Mx	.005	1.75
10	MP1B	X	9.242	6.75
11	MP1B	Z	0	6.75
12	MP1B	Mx	.005	6.75
13	MP1C	X	12.446	1.75
14	MP1C	Z	0	1.75
15	MP1C	Mx	.008	1.75
16	MP1C	X	12.446	6.75
17	MP1C	Z	0	6.75
18	MP1C	Mx	.008	6.75
19	MP1A	X	8.174	1.75
20	MP1A	Z	0	1.75
21	MP1A	Mx	-.008	1.75
22	MP1A	X	8.174	6.75
23	MP1A	Z	0	6.75
24	MP1A	Mx	-.008	6.75
25	MP1B	X	9.242	1.75
26	MP1B	Z	0	1.75
27	MP1B	Mx	.011	1.75
28	MP1B	X	9.242	6.75
29	MP1B	Z	0	6.75
30	MP1B	Mx	.011	6.75
31	MP1C	X	12.446	1.75
32	MP1C	Z	0	1.75
33	MP1C	Mx	-.008	1.75
34	MP1C	X	12.446	6.75
35	MP1C	Z	0	6.75
36	MP1C	Mx	-.008	6.75
37	MP3A	X	1.844	3.25
38	MP3A	Z	0	3.25
39	MP3A	Mx	-.002	3.25
40	MP3A	X	1.844	5.25
41	MP3A	Z	0	5.25
42	MP3A	Mx	-.002	5.25
43	MP3B	X	2.722	3.25
44	MP3B	Z	0	3.25
45	MP3B	Mx	.002	3.25
46	MP3B	X	2.722	5.25
47	MP3B	Z	0	5.25
48	MP3B	Mx	.002	5.25
49	MP3C	X	5.356	3.25
50	MP3C	Z	0	3.25
51	MP3C	Mx	0	3.25
52	MP3C	X	5.356	5.25
53	MP3C	Z	0	5.25
54	MP3C	Mx	0	5.25
55	MP1A	X	.699	6
56	MP1A	Z	0	6
57	MP1A	Mx	.00035	6
58	MP1B	X	.777	6
59	MP1B	Z	0	6
60	MP1B	Mx	-.000336	6
61	MP1C	X	1.011	6
62	MP1C	Z	0	6
63	MP1C	Mx	0	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
64	MP1A	X	2.842	4.5
65	MP1A	Z	0	4.5
66	MP1A	Mx	.001	4.5
67	MP1B	X	3.19	4.5
68	MP1B	Z	0	4.5
69	MP1B	Mx	-.001	4.5
70	MP1C	X	4.235	4.5
71	MP1C	Z	0	4.5
72	MP1C	Mx	0	4.5
73	MP2A	X	2.323	4.5
74	MP2A	Z	0	4.5
75	MP2A	Mx	.001	4.5
76	MP2B	X	2.801	4.5
77	MP2B	Z	0	4.5
78	MP2B	Mx	-.001	4.5
79	MP2C	X	4.235	4.5
80	MP2C	Z	0	4.5
81	MP2C	Mx	0	4.5
82	MP1A	X	.773	8
83	MP1A	Z	0	8
84	MP1A	Mx	-.000386	8
85	MP1A	X	.773	8
86	MP1A	Z	0	8
87	MP1A	Mx	.000386	8

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	8.004	1.75
2	MP1A	Z	4.621	1.75
3	MP1A	Mx	-.005	1.75
4	MP1A	X	8.004	6.75
5	MP1A	Z	4.621	6.75
6	MP1A	Mx	-.005	6.75
7	MP1B	X	9.854	1.75
8	MP1B	Z	5.689	1.75
9	MP1B	Mx	-.00088	1.75
10	MP1B	X	9.854	6.75
11	MP1B	Z	5.689	6.75
12	MP1B	Mx	-.00088	6.75
13	MP1C	X	9.854	1.75
14	MP1C	Z	5.689	1.75
15	MP1C	Mx	.012	1.75
16	MP1C	X	9.854	6.75
17	MP1C	Z	5.689	6.75
18	MP1C	Mx	.012	6.75
19	MP1A	X	8.004	1.75
20	MP1A	Z	4.621	1.75
21	MP1A	Mx	-.011	1.75
22	MP1A	X	8.004	6.75
23	MP1A	Z	4.621	6.75
24	MP1A	Mx	-.011	6.75
25	MP1B	X	9.854	1.75
26	MP1B	Z	5.689	1.75
27	MP1B	Mx	.012	1.75
28	MP1B	X	9.854	6.75
29	MP1B	Z	5.689	6.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
30	MP1B	Mx	.012	6.75
31	MP1C	X	9.854	1.75
32	MP1C	Z	5.689	1.75
33	MP1C	Mx	-.00088	1.75
34	MP1C	X	9.854	6.75
35	MP1C	Z	5.689	6.75
36	MP1C	Mx	-.00088	6.75
37	MP3A	X	2.357	3.25
38	MP3A	Z	1.361	3.25
39	MP3A	Mx	-.002	3.25
40	MP3A	X	2.357	5.25
41	MP3A	Z	1.361	5.25
42	MP3A	Mx	-.002	5.25
43	MP3B	X	3.878	3.25
44	MP3B	Z	2.239	3.25
45	MP3B	Mx	.002	3.25
46	MP3B	X	3.878	5.25
47	MP3B	Z	2.239	5.25
48	MP3B	Mx	.002	5.25
49	MP3C	X	3.878	3.25
50	MP3C	Z	2.239	3.25
51	MP3C	Mx	.002	3.25
52	MP3C	X	3.878	5.25
53	MP3C	Z	2.239	5.25
54	MP3C	Mx	.002	5.25
55	MP1A	X	.673	6
56	MP1A	Z	.389	6
57	MP1A	Mx	.000337	6
58	MP1B	X	.808	6
59	MP1B	Z	.467	6
60	MP1B	Mx	-.000233	6
61	MP1C	X	.808	6
62	MP1C	Z	.467	6
63	MP1C	Mx	-.000234	6
64	MP1A	X	2.763	4.5
65	MP1A	Z	1.595	4.5
66	MP1A	Mx	.001	4.5
67	MP1B	X	3.366	4.5
68	MP1B	Z	1.943	4.5
69	MP1B	Mx	-.000972	4.5
70	MP1C	X	3.366	4.5
71	MP1C	Z	1.943	4.5
72	MP1C	Mx	-.000972	4.5
73	MP2A	X	2.425	4.5
74	MP2A	Z	1.4	4.5
75	MP2A	Mx	.001	4.5
76	MP2B	X	3.254	4.5
77	MP2B	Z	1.879	4.5
78	MP2B	Mx	-.000939	4.5
79	MP2C	X	3.254	4.5
80	MP2C	Z	1.879	4.5
81	MP2C	Mx	-.00094	4.5
82	MP1A	X	.958	8
83	MP1A	Z	.553	8
84	MP1A	Mx	-.000479	8
85	MP1A	X	.958	8
86	MP1A	Z	.553	8

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
87	MP1A	Mx	.000479	8

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	5.689	1.75
2	MP1A	Z	9.854	1.75
3	MP1A	Mx	.00088	1.75
4	MP1A	X	5.689	6.75
5	MP1A	Z	9.854	6.75
6	MP1A	Mx	.00088	6.75
7	MP1B	X	6.223	1.75
8	MP1B	Z	10.779	1.75
9	MP1B	Mx	-.008	1.75
10	MP1B	X	6.223	6.75
11	MP1B	Z	10.779	6.75
12	MP1B	Mx	-.008	6.75
13	MP1C	X	4.621	1.75
14	MP1C	Z	8.004	1.75
15	MP1C	Mx	.011	1.75
16	MP1C	X	4.621	6.75
17	MP1C	Z	8.004	6.75
18	MP1C	Mx	.011	6.75
19	MP1A	X	5.689	1.75
20	MP1A	Z	9.854	1.75
21	MP1A	Mx	-.012	1.75
22	MP1A	X	5.689	6.75
23	MP1A	Z	9.854	6.75
24	MP1A	Mx	-.012	6.75
25	MP1B	X	6.223	1.75
26	MP1B	Z	10.779	1.75
27	MP1B	Mx	.008	1.75
28	MP1B	X	6.223	6.75
29	MP1B	Z	10.779	6.75
30	MP1B	Mx	.008	6.75
31	MP1C	X	4.621	1.75
32	MP1C	Z	8.004	1.75
33	MP1C	Mx	.005	1.75
34	MP1C	X	4.621	6.75
35	MP1C	Z	8.004	6.75
36	MP1C	Mx	.005	6.75
37	MP3A	X	2.239	3.25
38	MP3A	Z	3.878	3.25
39	MP3A	Mx	-.002	3.25
40	MP3A	X	2.239	5.25
41	MP3A	Z	3.878	5.25
42	MP3A	Mx	-.002	5.25
43	MP3B	X	2.678	3.25
44	MP3B	Z	4.638	3.25
45	MP3B	Mx	0	3.25
46	MP3B	X	2.678	5.25
47	MP3B	Z	4.638	5.25
48	MP3B	Mx	0	5.25
49	MP3C	X	1.361	3.25
50	MP3C	Z	2.357	3.25
51	MP3C	Mx	.002	3.25
52	MP3C	X	1.361	5.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
53	MP3C	Z	2.357	5.25
54	MP3C	Mx	.002	5.25
55	MP1A	X	.467	6
56	MP1A	Z	.808	6
57	MP1A	Mx	.000234	6
58	MP1B	X	.505	6
59	MP1B	Z	.876	6
60	MP1B	Mx	0	6
61	MP1C	X	.389	6
62	MP1C	Z	.673	6
63	MP1C	Mx	-.000337	6
64	MP1A	X	1.943	4.5
65	MP1A	Z	3.366	4.5
66	MP1A	Mx	.000972	4.5
67	MP1B	X	2.118	4.5
68	MP1B	Z	3.668	4.5
69	MP1B	Mx	0	4.5
70	MP1C	X	1.595	4.5
71	MP1C	Z	2.763	4.5
72	MP1C	Mx	-.001	4.5
73	MP2A	X	1.879	4.5
74	MP2A	Z	3.254	4.5
75	MP2A	Mx	.00094	4.5
76	MP2B	X	2.118	4.5
77	MP2B	Z	3.668	4.5
78	MP2B	Mx	0	4.5
79	MP2C	X	1.4	4.5
80	MP2C	Z	2.425	4.5
81	MP2C	Mx	-.001	4.5
82	MP1A	X	.886	8
83	MP1A	Z	1.534	8
84	MP1A	Mx	-.000443	8
85	MP1A	X	.886	8
86	MP1A	Z	1.534	8
87	MP1A	Mx	.000443	8

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	0	1.75
2	MP1A	Z	12.446	1.75
3	MP1A	Mx	.008	1.75
4	MP1A	X	0	6.75
5	MP1A	Z	12.446	6.75
6	MP1A	Mx	.008	6.75
7	MP1B	X	0	1.75
8	MP1B	Z	11.378	1.75
9	MP1B	Mx	-.012	1.75
10	MP1B	X	0	6.75
11	MP1B	Z	11.378	6.75
12	MP1B	Mx	-.012	6.75
13	MP1C	X	0	1.75
14	MP1C	Z	8.174	1.75
15	MP1C	Mx	.008	1.75
16	MP1C	X	0	6.75
17	MP1C	Z	8.174	6.75
18	MP1C	Mx	.008	6.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
19	MP1A	X	0	1.75
20	MP1A	Z	12.446	1.75
21	MP1A	Mx	-.008	1.75
22	MP1A	X	0	6.75
23	MP1A	Z	12.446	6.75
24	MP1A	Mx	-.008	6.75
25	MP1B	X	0	1.75
26	MP1B	Z	11.378	1.75
27	MP1B	Mx	.00088	1.75
28	MP1B	X	0	6.75
29	MP1B	Z	11.378	6.75
30	MP1B	Mx	.00088	6.75
31	MP1C	X	0	1.75
32	MP1C	Z	8.174	1.75
33	MP1C	Mx	.008	1.75
34	MP1C	X	0	6.75
35	MP1C	Z	8.174	6.75
36	MP1C	Mx	.008	6.75
37	MP3A	X	0	3.25
38	MP3A	Z	5.356	3.25
39	MP3A	Mx	0	3.25
40	MP3A	X	0	5.25
41	MP3A	Z	5.356	5.25
42	MP3A	Mx	0	5.25
43	MP3B	X	0	3.25
44	MP3B	Z	4.478	3.25
45	MP3B	Mx	-.002	3.25
46	MP3B	X	0	5.25
47	MP3B	Z	4.478	5.25
48	MP3B	Mx	-.002	5.25
49	MP3C	X	0	3.25
50	MP3C	Z	1.844	3.25
51	MP3C	Mx	.002	3.25
52	MP3C	X	0	5.25
53	MP3C	Z	1.844	5.25
54	MP3C	Mx	.002	5.25
55	MP1A	X	0	6
56	MP1A	Z	1.011	6
57	MP1A	Mx	0	6
58	MP1B	X	0	6
59	MP1B	Z	.933	6
60	MP1B	Mx	.000233	6
61	MP1C	X	0	6
62	MP1C	Z	.699	6
63	MP1C	Mx	-.00035	6
64	MP1A	X	0	4.5
65	MP1A	Z	4.235	4.5
66	MP1A	Mx	0	4.5
67	MP1B	X	0	4.5
68	MP1B	Z	3.887	4.5
69	MP1B	Mx	.000972	4.5
70	MP1C	X	0	4.5
71	MP1C	Z	2.842	4.5
72	MP1C	Mx	-.001	4.5
73	MP2A	X	0	4.5
74	MP2A	Z	4.235	4.5
75	MP2A	Mx	0	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
76	MP2B	X	0	4.5
77	MP2B	Z	3.757	4.5
78	MP2B	Mx	.000939	4.5
79	MP2C	X	0	4.5
80	MP2C	Z	2.323	4.5
81	MP2C	Mx	-.001	4.5
82	MP1A	X	0	8
83	MP1A	Z	2.104	8
84	MP1A	Mx	0	8
85	MP1A	X	0	8
86	MP1A	Z	2.104	8
87	MP1A	Mx	0	8

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-5.689	1.75
2	MP1A	Z	9.854	1.75
3	MP1A	Mx	.012	1.75
4	MP1A	X	-5.689	6.75
5	MP1A	Z	9.854	6.75
6	MP1A	Mx	.012	6.75
7	MP1B	X	-4.621	1.75
8	MP1B	Z	8.004	1.75
9	MP1B	Mx	-.011	1.75
10	MP1B	X	-4.621	6.75
11	MP1B	Z	8.004	6.75
12	MP1B	Mx	-.011	6.75
13	MP1C	X	-4.621	1.75
14	MP1C	Z	8.004	1.75
15	MP1C	Mx	.005	1.75
16	MP1C	X	-4.621	6.75
17	MP1C	Z	8.004	6.75
18	MP1C	Mx	.005	6.75
19	MP1A	X	-5.689	1.75
20	MP1A	Z	9.854	1.75
21	MP1A	Mx	-.00088	1.75
22	MP1A	X	-5.689	6.75
23	MP1A	Z	9.854	6.75
24	MP1A	Mx	-.00088	6.75
25	MP1B	X	-4.621	1.75
26	MP1B	Z	8.004	1.75
27	MP1B	Mx	-.005	1.75
28	MP1B	X	-4.621	6.75
29	MP1B	Z	8.004	6.75
30	MP1B	Mx	-.005	6.75
31	MP1C	X	-4.621	1.75
32	MP1C	Z	8.004	1.75
33	MP1C	Mx	.011	1.75
34	MP1C	X	-4.621	6.75
35	MP1C	Z	8.004	6.75
36	MP1C	Mx	.011	6.75
37	MP3A	X	-2.239	3.25
38	MP3A	Z	3.878	3.25
39	MP3A	Mx	.002	3.25
40	MP3A	X	-2.239	5.25
41	MP3A	Z	3.878	5.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
42	MP3A	Mx	.002	5.25
43	MP3B	X	-1.361	3.25
44	MP3B	Z	2.357	3.25
45	MP3B	Mx	-.002	3.25
46	MP3B	X	-1.361	5.25
47	MP3B	Z	2.357	5.25
48	MP3B	Mx	-.002	5.25
49	MP3C	X	-1.361	3.25
50	MP3C	Z	2.357	3.25
51	MP3C	Mx	.002	3.25
52	MP3C	X	-1.361	5.25
53	MP3C	Z	2.357	5.25
54	MP3C	Mx	.002	5.25
55	MP1A	X	-.467	6
56	MP1A	Z	.808	6
57	MP1A	Mx	-.000234	6
58	MP1B	X	-.389	6
59	MP1B	Z	.673	6
60	MP1B	Mx	.000337	6
61	MP1C	X	-.389	6
62	MP1C	Z	.673	6
63	MP1C	Mx	-.000337	6
64	MP1A	X	-1.943	4.5
65	MP1A	Z	3.366	4.5
66	MP1A	Mx	-.000972	4.5
67	MP1B	X	-1.595	4.5
68	MP1B	Z	2.763	4.5
69	MP1B	Mx	.001	4.5
70	MP1C	X	-1.595	4.5
71	MP1C	Z	2.763	4.5
72	MP1C	Mx	-.001	4.5
73	MP2A	X	-1.879	4.5
74	MP2A	Z	3.254	4.5
75	MP2A	Mx	-.00094	4.5
76	MP2B	X	-1.4	4.5
77	MP2B	Z	2.425	4.5
78	MP2B	Mx	.001	4.5
79	MP2C	X	-1.4	4.5
80	MP2C	Z	2.425	4.5
81	MP2C	Mx	-.001	4.5
82	MP1A	X	-.886	8
83	MP1A	Z	1.534	8
84	MP1A	Mx	.000443	8
85	MP1A	X	-.886	8
86	MP1A	Z	1.534	8
87	MP1A	Mx	-.000443	8

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-8.004	1.75
2	MP1A	Z	4.621	1.75
3	MP1A	Mx	.011	1.75
4	MP1A	X	-8.004	6.75
5	MP1A	Z	4.621	6.75
6	MP1A	Mx	.011	6.75
7	MP1B	X	-7.079	1.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
8	MP1B	Z	4.087	1.75
9	MP1B	Mx	-.008	1.75
10	MP1B	X	-7.079	6.75
11	MP1B	Z	4.087	6.75
12	MP1B	Mx	-.008	6.75
13	MP1C	X	-9.854	1.75
14	MP1C	Z	5.689	1.75
15	MP1C	Mx	-.00088	1.75
16	MP1C	X	-9.854	6.75
17	MP1C	Z	5.689	6.75
18	MP1C	Mx	-.00088	6.75
19	MP1A	X	-8.004	1.75
20	MP1A	Z	4.621	1.75
21	MP1A	Mx	.005	1.75
22	MP1A	X	-8.004	6.75
23	MP1A	Z	4.621	6.75
24	MP1A	Mx	.005	6.75
25	MP1B	X	-7.079	1.75
26	MP1B	Z	4.087	1.75
27	MP1B	Mx	-.008	1.75
28	MP1B	X	-7.079	6.75
29	MP1B	Z	4.087	6.75
30	MP1B	Mx	-.008	6.75
31	MP1C	X	-9.854	1.75
32	MP1C	Z	5.689	1.75
33	MP1C	Mx	.012	1.75
34	MP1C	X	-9.854	6.75
35	MP1C	Z	5.689	6.75
36	MP1C	Mx	.012	6.75
37	MP3A	X	-2.357	3.25
38	MP3A	Z	1.361	3.25
39	MP3A	Mx	.002	3.25
40	MP3A	X	-2.357	5.25
41	MP3A	Z	1.361	5.25
42	MP3A	Mx	.002	5.25
43	MP3B	X	-1.597	3.25
44	MP3B	Z	.922	3.25
45	MP3B	Mx	-.002	3.25
46	MP3B	X	-1.597	5.25
47	MP3B	Z	.922	5.25
48	MP3B	Mx	-.002	5.25
49	MP3C	X	-3.878	3.25
50	MP3C	Z	2.239	3.25
51	MP3C	Mx	.002	3.25
52	MP3C	X	-3.878	5.25
53	MP3C	Z	2.239	5.25
54	MP3C	Mx	.002	5.25
55	MP1A	X	-.673	6
56	MP1A	Z	.389	6
57	MP1A	Mx	-.000337	6
58	MP1B	X	-.606	6
59	MP1B	Z	.35	6
60	MP1B	Mx	.00035	6
61	MP1C	X	-.808	6
62	MP1C	Z	.467	6
63	MP1C	Mx	-.000234	6
64	MP1A	X	-2.763	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
65	MP1A	Z	1.595	4.5
66	MP1A	Mx	-.001	4.5
67	MP1B	X	-2.461	4.5
68	MP1B	Z	1.421	4.5
69	MP1B	Mx	.001	4.5
70	MP1C	X	-3.366	4.5
71	MP1C	Z	1.943	4.5
72	MP1C	Mx	-.000972	4.5
73	MP2A	X	-2.425	4.5
74	MP2A	Z	1.4	4.5
75	MP2A	Mx	-.001	4.5
76	MP2B	X	-2.011	4.5
77	MP2B	Z	1.161	4.5
78	MP2B	Mx	.001	4.5
79	MP2C	X	-3.254	4.5
80	MP2C	Z	1.879	4.5
81	MP2C	Mx	-.00094	4.5
82	MP1A	X	-.958	8
83	MP1A	Z	.553	8
84	MP1A	Mx	.000479	8
85	MP1A	X	-.958	8
86	MP1A	Z	.553	8
87	MP1A	Mx	-.000479	8

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-8.174	1.75
2	MP1A	Z	0	1.75
3	MP1A	Mx	.008	1.75
4	MP1A	X	-8.174	6.75
5	MP1A	Z	0	6.75
6	MP1A	Mx	.008	6.75
7	MP1B	X	-9.242	1.75
8	MP1B	Z	0	1.75
9	MP1B	Mx	-.005	1.75
10	MP1B	X	-9.242	6.75
11	MP1B	Z	0	6.75
12	MP1B	Mx	-.005	6.75
13	MP1C	X	-12.446	1.75
14	MP1C	Z	0	1.75
15	MP1C	Mx	-.008	1.75
16	MP1C	X	-12.446	6.75
17	MP1C	Z	0	6.75
18	MP1C	Mx	-.008	6.75
19	MP1A	X	-8.174	1.75
20	MP1A	Z	0	1.75
21	MP1A	Mx	.008	1.75
22	MP1A	X	-8.174	6.75
23	MP1A	Z	0	6.75
24	MP1A	Mx	.008	6.75
25	MP1B	X	-9.242	1.75
26	MP1B	Z	0	1.75
27	MP1B	Mx	-.011	1.75
28	MP1B	X	-9.242	6.75
29	MP1B	Z	0	6.75
30	MP1B	Mx	-.011	6.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
31	MP1C	X	-12.446	1.75
32	MP1C	Z	0	1.75
33	MP1C	Mx	.008	1.75
34	MP1C	X	-12.446	6.75
35	MP1C	Z	0	6.75
36	MP1C	Mx	.008	6.75
37	MP3A	X	-1.844	3.25
38	MP3A	Z	0	3.25
39	MP3A	Mx	.002	3.25
40	MP3A	X	-1.844	5.25
41	MP3A	Z	0	5.25
42	MP3A	Mx	.002	5.25
43	MP3B	X	-2.722	3.25
44	MP3B	Z	0	3.25
45	MP3B	Mx	-.002	3.25
46	MP3B	X	-2.722	5.25
47	MP3B	Z	0	5.25
48	MP3B	Mx	-.002	5.25
49	MP3C	X	-5.356	3.25
50	MP3C	Z	0	3.25
51	MP3C	Mx	0	3.25
52	MP3C	X	-5.356	5.25
53	MP3C	Z	0	5.25
54	MP3C	Mx	0	5.25
55	MP1A	X	-.699	6
56	MP1A	Z	0	6
57	MP1A	Mx	-.00035	6
58	MP1B	X	-.777	6
59	MP1B	Z	0	6
60	MP1B	Mx	.000336	6
61	MP1C	X	-1.011	6
62	MP1C	Z	0	6
63	MP1C	Mx	0	6
64	MP1A	X	-2.842	4.5
65	MP1A	Z	0	4.5
66	MP1A	Mx	-.001	4.5
67	MP1B	X	-3.19	4.5
68	MP1B	Z	0	4.5
69	MP1B	Mx	.001	4.5
70	MP1C	X	-4.235	4.5
71	MP1C	Z	0	4.5
72	MP1C	Mx	0	4.5
73	MP2A	X	-2.323	4.5
74	MP2A	Z	0	4.5
75	MP2A	Mx	-.001	4.5
76	MP2B	X	-2.801	4.5
77	MP2B	Z	0	4.5
78	MP2B	Mx	.001	4.5
79	MP2C	X	-4.235	4.5
80	MP2C	Z	0	4.5
81	MP2C	Mx	0	4.5
82	MP1A	X	-.773	8
83	MP1A	Z	0	8
84	MP1A	Mx	.000386	8
85	MP1A	X	-.773	8
86	MP1A	Z	0	8
87	MP1A	Mx	-.000386	8

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-8.004	1.75
2	MP1A	Z	-4.621	1.75
3	MP1A	Mx	.005	1.75
4	MP1A	X	-8.004	6.75
5	MP1A	Z	-4.621	6.75
6	MP1A	Mx	.005	6.75
7	MP1B	X	-9.854	1.75
8	MP1B	Z	-5.689	1.75
9	MP1B	Mx	.00088	1.75
10	MP1B	X	-9.854	6.75
11	MP1B	Z	-5.689	6.75
12	MP1B	Mx	.00088	6.75
13	MP1C	X	-9.854	1.75
14	MP1C	Z	-5.689	1.75
15	MP1C	Mx	-.012	1.75
16	MP1C	X	-9.854	6.75
17	MP1C	Z	-5.689	6.75
18	MP1C	Mx	-.012	6.75
19	MP1A	X	-8.004	1.75
20	MP1A	Z	-4.621	1.75
21	MP1A	Mx	.011	1.75
22	MP1A	X	-8.004	6.75
23	MP1A	Z	-4.621	6.75
24	MP1A	Mx	.011	6.75
25	MP1B	X	-9.854	1.75
26	MP1B	Z	-5.689	1.75
27	MP1B	Mx	-.012	1.75
28	MP1B	X	-9.854	6.75
29	MP1B	Z	-5.689	6.75
30	MP1B	Mx	-.012	6.75
31	MP1C	X	-9.854	1.75
32	MP1C	Z	-5.689	1.75
33	MP1C	Mx	.00088	1.75
34	MP1C	X	-9.854	6.75
35	MP1C	Z	-5.689	6.75
36	MP1C	Mx	.00088	6.75
37	MP3A	X	-2.357	3.25
38	MP3A	Z	-1.361	3.25
39	MP3A	Mx	.002	3.25
40	MP3A	X	-2.357	5.25
41	MP3A	Z	-1.361	5.25
42	MP3A	Mx	.002	5.25
43	MP3B	X	-3.878	3.25
44	MP3B	Z	-2.239	3.25
45	MP3B	Mx	-.002	3.25
46	MP3B	X	-3.878	5.25
47	MP3B	Z	-2.239	5.25
48	MP3B	Mx	-.002	5.25
49	MP3C	X	-3.878	3.25
50	MP3C	Z	-2.239	3.25
51	MP3C	Mx	-.002	3.25
52	MP3C	X	-3.878	5.25
53	MP3C	Z	-2.239	5.25
54	MP3C	Mx	-.002	5.25
55	MP1A	X	-.673	6
56	MP1A	Z	-.389	6
57	MP1A	Mx	-.000337	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP1B	X	-.808	6
59	MP1B	Z	-.467	6
60	MP1B	Mx	.000233	6
61	MP1C	X	-.808	6
62	MP1C	Z	-.467	6
63	MP1C	Mx	.000234	6
64	MP1A	X	-2.763	4.5
65	MP1A	Z	-1.595	4.5
66	MP1A	Mx	-.001	4.5
67	MP1B	X	-3.366	4.5
68	MP1B	Z	-1.943	4.5
69	MP1B	Mx	.000972	4.5
70	MP1C	X	-3.366	4.5
71	MP1C	Z	-1.943	4.5
72	MP1C	Mx	.000972	4.5
73	MP2A	X	-2.425	4.5
74	MP2A	Z	-1.4	4.5
75	MP2A	Mx	-.001	4.5
76	MP2B	X	-3.254	4.5
77	MP2B	Z	-1.879	4.5
78	MP2B	Mx	.000939	4.5
79	MP2C	X	-3.254	4.5
80	MP2C	Z	-1.879	4.5
81	MP2C	Mx	.00094	4.5
82	MP1A	X	-.958	8
83	MP1A	Z	-.553	8
84	MP1A	Mx	.000479	8
85	MP1A	X	-.958	8
86	MP1A	Z	-.553	8
87	MP1A	Mx	-.000479	8

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-5.689	1.75
2	MP1A	Z	-9.854	1.75
3	MP1A	Mx	-.00088	1.75
4	MP1A	X	-5.689	6.75
5	MP1A	Z	-9.854	6.75
6	MP1A	Mx	-.00088	6.75
7	MP1B	X	-6.223	1.75
8	MP1B	Z	-10.779	1.75
9	MP1B	Mx	.008	1.75
10	MP1B	X	-6.223	6.75
11	MP1B	Z	-10.779	6.75
12	MP1B	Mx	.008	6.75
13	MP1C	X	-4.621	1.75
14	MP1C	Z	-8.004	1.75
15	MP1C	Mx	-.011	1.75
16	MP1C	X	-4.621	6.75
17	MP1C	Z	-8.004	6.75
18	MP1C	Mx	-.011	6.75
19	MP1A	X	-5.689	1.75
20	MP1A	Z	-9.854	1.75
21	MP1A	Mx	.012	1.75
22	MP1A	X	-5.689	6.75
23	MP1A	Z	-9.854	6.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
24	MP1A	Mx	.012	6.75
25	MP1B	X	-6.223	1.75
26	MP1B	Z	-10.779	1.75
27	MP1B	Mx	-.008	1.75
28	MP1B	X	-6.223	6.75
29	MP1B	Z	-10.779	6.75
30	MP1B	Mx	-.008	6.75
31	MP1C	X	-4.621	1.75
32	MP1C	Z	-8.004	1.75
33	MP1C	Mx	-.005	1.75
34	MP1C	X	-4.621	6.75
35	MP1C	Z	-8.004	6.75
36	MP1C	Mx	-.005	6.75
37	MP3A	X	-2.239	3.25
38	MP3A	Z	-3.878	3.25
39	MP3A	Mx	.002	3.25
40	MP3A	X	-2.239	5.25
41	MP3A	Z	-3.878	5.25
42	MP3A	Mx	.002	5.25
43	MP3B	X	-2.678	3.25
44	MP3B	Z	-4.638	3.25
45	MP3B	Mx	0	3.25
46	MP3B	X	-2.678	5.25
47	MP3B	Z	-4.638	5.25
48	MP3B	Mx	0	5.25
49	MP3C	X	-1.361	3.25
50	MP3C	Z	-2.357	3.25
51	MP3C	Mx	-.002	3.25
52	MP3C	X	-1.361	5.25
53	MP3C	Z	-2.357	5.25
54	MP3C	Mx	-.002	5.25
55	MP1A	X	-.467	6
56	MP1A	Z	-.808	6
57	MP1A	Mx	-.000234	6
58	MP1B	X	-.505	6
59	MP1B	Z	-.876	6
60	MP1B	Mx	0	6
61	MP1C	X	-.389	6
62	MP1C	Z	-.673	6
63	MP1C	Mx	.000337	6
64	MP1A	X	-1.943	4.5
65	MP1A	Z	-3.366	4.5
66	MP1A	Mx	-.000972	4.5
67	MP1B	X	-2.118	4.5
68	MP1B	Z	-3.668	4.5
69	MP1B	Mx	0	4.5
70	MP1C	X	-1.595	4.5
71	MP1C	Z	-2.763	4.5
72	MP1C	Mx	.001	4.5
73	MP2A	X	-1.879	4.5
74	MP2A	Z	-3.254	4.5
75	MP2A	Mx	-.00094	4.5
76	MP2B	X	-2.118	4.5
77	MP2B	Z	-3.668	4.5
78	MP2B	Mx	0	4.5
79	MP2C	X	-1.4	4.5
80	MP2C	Z	-2.425	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
81	MP2C	Mx	.001	4.5
82	MP1A	X	-.886	8
83	MP1A	Z	-1.534	8
84	MP1A	Mx	.000443	8
85	MP1A	X	-.886	8
86	MP1A	Z	-1.534	8
87	MP1A	Mx	-.000443	8

Member Point Loads (BLC 77 : Lm1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M1	Y	-500	%81

Member Point Loads (BLC 78 : Lm2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M1	Y	-500	%33

Member Point Loads (BLC 79 : Lv1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M1	Y	-250	0

Member Point Loads (BLC 80 : Lv2)

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

Member Point Loads (BLC 81 : Antenna Ev)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	Y	-1.31	1.75
2	MP1A	My	-.001	1.75
3	MP1A	Mz	.000873	1.75
4	MP1A	Y	-1.31	6.75
5	MP1A	My	-.001	6.75
6	MP1A	Mz	.000873	6.75
7	MP1B	Y	-1.31	1.75
8	MP1B	My	.000698	1.75
9	MP1B	Mz	-.001	1.75
10	MP1B	Y	-1.31	6.75
11	MP1B	My	.000698	6.75
12	MP1B	Mz	-.001	6.75
13	MP1C	Y	-1.31	1.75
14	MP1C	My	.000873	1.75
15	MP1C	Mz	.001	1.75
16	MP1C	Y	-1.31	6.75
17	MP1C	My	.000873	6.75
18	MP1C	Mz	.001	6.75
19	MP1A	Y	-1.31	1.75
20	MP1A	My	-.001	1.75
21	MP1A	Mz	-.000873	1.75
22	MP1A	Y	-1.31	6.75
23	MP1A	My	-.001	6.75
24	MP1A	Mz	-.000873	6.75
25	MP1B	Y	-1.31	1.75
26	MP1B	My	.002	1.75
27	MP1B	Mz	.000101	1.75
28	MP1B	Y	-1.31	6.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
29	MP1B	My	.002	6.75
30	MP1B	Mz	.000101	6.75
31	MP1C	Y	-1.31	1.75
32	MP1C	My	-.000873	1.75
33	MP1C	Mz	.001	1.75
34	MP1C	Y	-1.31	6.75
35	MP1C	My	-.000873	6.75
36	MP1C	Mz	.001	6.75
37	MP3A	Y	-1.802	3.25
38	MP3A	My	-.002	3.25
39	MP3A	Mz	0	3.25
40	MP3A	Y	-1.802	5.25
41	MP3A	My	-.002	5.25
42	MP3A	Mz	0	5.25
43	MP3B	Y	-1.802	3.25
44	MP3B	My	.002	3.25
45	MP3B	Mz	-.000901	3.25
46	MP3B	Y	-1.802	5.25
47	MP3B	My	.002	5.25
48	MP3B	Mz	-.000901	5.25
49	MP3C	Y	-1.802	3.25
50	MP3C	My	0	3.25
51	MP3C	Mz	.002	3.25
52	MP3C	Y	-1.802	5.25
53	MP3C	My	0	5.25
54	MP3C	Mz	.002	5.25
55	MP1A	Y	-.43	6
56	MP1A	My	.000215	6
57	MP1A	Mz	0	6
58	MP1B	Y	-.43	6
59	MP1B	My	-.000186	6
60	MP1B	Mz	.000108	6
61	MP1C	Y	-.43	6
62	MP1C	My	0	6
63	MP1C	Mz	-.000215	6
64	MP1A	Y	-3.493	4.5
65	MP1A	My	.002	4.5
66	MP1A	Mz	0	4.5
67	MP1B	Y	-3.493	4.5
68	MP1B	My	-.002	4.5
69	MP1B	Mz	.000873	4.5
70	MP1C	Y	-3.493	4.5
71	MP1C	My	0	4.5
72	MP1C	Mz	-.002	4.5
73	MP2A	Y	-2.909	4.5
74	MP2A	My	.001	4.5
75	MP2A	Mz	0	4.5
76	MP2B	Y	-2.909	4.5
77	MP2B	My	-.001	4.5
78	MP2B	Mz	.000727	4.5
79	MP2C	Y	-2.909	4.5
80	MP2C	My	0	4.5
81	MP2C	Mz	-.001	4.5
82	MP1A	Y	-1.097	8
83	MP1A	My	-.000548	8
84	MP1A	Mz	0	8
85	MP1A	Y	-1.097	8

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
86	MP1A	My	.000548	8
87	MP1A	Mz	0	8

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	Z	-3.275	1.75
2	MP1A	Mx	-.002	1.75
3	MP1A	Z	-3.275	6.75
4	MP1A	Mx	-.002	6.75
5	MP1B	Z	-3.275	1.75
6	MP1B	Mx	.004	1.75
7	MP1B	Z	-3.275	6.75
8	MP1B	Mx	.004	6.75
9	MP1C	Z	-3.275	1.75
10	MP1C	Mx	-.003	1.75
11	MP1C	Z	-3.275	6.75
12	MP1C	Mx	-.003	6.75
13	MP1A	Z	-3.275	1.75
14	MP1A	Mx	.002	1.75
15	MP1A	Z	-3.275	6.75
16	MP1A	Mx	.002	6.75
17	MP1B	Z	-3.275	1.75
18	MP1B	Mx	-.000253	1.75
19	MP1B	Z	-3.275	6.75
20	MP1B	Mx	-.000253	6.75
21	MP1C	Z	-3.275	1.75
22	MP1C	Mx	-.003	1.75
23	MP1C	Z	-3.275	6.75
24	MP1C	Mx	-.003	6.75
25	MP3A	Z	-4.506	3.25
26	MP3A	Mx	0	3.25
27	MP3A	Z	-4.506	5.25
28	MP3A	Mx	0	5.25
29	MP3B	Z	-4.506	3.25
30	MP3B	Mx	.002	3.25
31	MP3B	Z	-4.506	5.25
32	MP3B	Mx	.002	5.25
33	MP3C	Z	-4.506	3.25
34	MP3C	Mx	-.005	3.25
35	MP3C	Z	-4.506	5.25
36	MP3C	Mx	-.005	5.25
37	MP1A	Z	-1.076	6
38	MP1A	Mx	0	6
39	MP1B	Z	-1.076	6
40	MP1B	Mx	-.000269	6
41	MP1C	Z	-1.076	6
42	MP1C	Mx	.000538	6
43	MP1A	Z	-8.733	4.5
44	MP1A	Mx	0	4.5
45	MP1B	Z	-8.733	4.5
46	MP1B	Mx	-.002	4.5
47	MP1C	Z	-8.733	4.5
48	MP1C	Mx	.004	4.5
49	MP2A	Z	-7.274	4.5
50	MP2A	Mx	0	4.5
51	MP2B	Z	-7.274	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
52	MP2B	Mx	-.002	4.5
53	MP2C	Z	-7.274	4.5
54	MP2C	Mx	.004	4.5
55	MP1A	Z	-2.742	8
56	MP1A	Mx	0	8
57	MP1A	Z	-2.742	8
58	MP1A	Mx	0	8

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	3.275	1.75
2	MP1A	Mx	-.003	1.75
3	MP1A	X	3.275	6.75
4	MP1A	Mx	-.003	6.75
5	MP1B	X	3.275	1.75
6	MP1B	Mx	.002	1.75
7	MP1B	X	3.275	6.75
8	MP1B	Mx	.002	6.75
9	MP1C	X	3.275	1.75
10	MP1C	Mx	.002	1.75
11	MP1C	X	3.275	6.75
12	MP1C	Mx	.002	6.75
13	MP1A	X	3.275	1.75
14	MP1A	Mx	-.003	1.75
15	MP1A	X	3.275	6.75
16	MP1A	Mx	-.003	6.75
17	MP1B	X	3.275	1.75
18	MP1B	Mx	.004	1.75
19	MP1B	X	3.275	6.75
20	MP1B	Mx	.004	6.75
21	MP1C	X	3.275	1.75
22	MP1C	Mx	-.002	1.75
23	MP1C	X	3.275	6.75
24	MP1C	Mx	-.002	6.75
25	MP3A	X	4.506	3.25
26	MP3A	Mx	-.005	3.25
27	MP3A	X	4.506	5.25
28	MP3A	Mx	-.005	5.25
29	MP3B	X	4.506	3.25
30	MP3B	Mx	.004	3.25
31	MP3B	X	4.506	5.25
32	MP3B	Mx	.004	5.25
33	MP3C	X	4.506	3.25
34	MP3C	Mx	0	3.25
35	MP3C	X	4.506	5.25
36	MP3C	Mx	0	5.25
37	MP1A	X	1.076	6
38	MP1A	Mx	.000538	6
39	MP1B	X	1.076	6
40	MP1B	Mx	-.000466	6
41	MP1C	X	1.076	6
42	MP1C	Mx	0	6
43	MP1A	X	8.733	4.5
44	MP1A	Mx	.004	4.5
45	MP1B	X	8.733	4.5
46	MP1B	Mx	-.004	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
47	MP1C	X	8.733	4.5
48	MP1C	Mx	0	4.5
49	MP2A	X	7.274	4.5
50	MP2A	Mx	.004	4.5
51	MP2B	X	7.274	4.5
52	MP2B	Mx	-.003	4.5
53	MP2C	X	7.274	4.5
54	MP2C	Mx	0	4.5
55	MP1A	X	2.742	8
56	MP1A	Mx	-.001	8
57	MP1A	X	2.742	8
58	MP1A	Mx	.001	8

Member Distributed Loads (BLC 40 : Structure Di)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	Y	-6.667	-6.667	0	%100
2	M4	Y	-9.747	-9.747	0	%100
3	M10	Y	-9.747	-9.747	0	%100
4	MP3A	Y	-5.774	-5.774	0	%100
5	MP4A	Y	-5.06	-5.06	0	%100
6	MP2A	Y	-5.774	-5.774	0	%100
7	MP1A	Y	-5.774	-5.774	0	%100
8	M43	Y	-9.747	-9.747	0	%100
9	M46	Y	-10.266	-10.266	0	%100
10	M51B	Y	-5.708	-5.708	0	%100
11	M52B	Y	-5.708	-5.708	0	%100
12	M76	Y	-10.253	-10.253	0	%100
13	M77	Y	-10.253	-10.253	0	%100
14	M80	Y	-10.266	-10.266	0	%100
15	M84	Y	-10.253	-10.253	0	%100
16	M85	Y	-10.253	-10.253	0	%100
17	M91	Y	-10.266	-10.266	0	%100
18	M34	Y	-9.747	-9.747	0	%100
19	M35	Y	-9.747	-9.747	0	%100
20	M36	Y	-9.747	-9.747	0	%100
21	M37	Y	-10.266	-10.266	0	%100
22	M40	Y	-5.708	-5.708	0	%100
23	M41	Y	-5.708	-5.708	0	%100
24	M45	Y	-10.253	-10.253	0	%100
25	M46A	Y	-10.253	-10.253	0	%100
26	M48	Y	-10.266	-10.266	0	%100
27	M50A	Y	-10.253	-10.253	0	%100
28	M51C	Y	-10.253	-10.253	0	%100
29	M53	Y	-10.266	-10.266	0	%100
30	M58A	Y	-9.747	-9.747	0	%100
31	M59A	Y	-9.747	-9.747	0	%100
32	M60	Y	-9.747	-9.747	0	%100
33	M61	Y	-10.266	-10.266	0	%100
34	M64	Y	-5.708	-5.708	0	%100
35	M65	Y	-5.708	-5.708	0	%100
36	M69	Y	-10.253	-10.253	0	%100
37	M70	Y	-10.253	-10.253	0	%100
38	M72	Y	-10.266	-10.266	0	%100
39	M74	Y	-10.253	-10.253	0	%100
40	M75	Y	-10.253	-10.253	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
41	M77A	Y	-10.266	-10.266	0	%100
42	M82	Y	-6.667	-6.667	0	%100
43	MP3C	Y	-5.774	-5.774	0	%100
44	MP4C	Y	-5.06	-5.06	0	%100
45	MP2C	Y	-5.774	-5.774	0	%100
46	MP1C	Y	-5.774	-5.774	0	%100
47	M91A	Y	-6.667	-6.667	0	%100
48	MP3B	Y	-5.774	-5.774	0	%100
49	MP4B	Y	-5.06	-5.06	0	%100
50	MP2B	Y	-5.774	-5.774	0	%100
51	MP1B	Y	-5.774	-5.774	0	%100
52	M100	Y	-5.774	-5.774	0	%100
53	M105	Y	-5.774	-5.774	0	%100
54	M110	Y	-5.774	-5.774	0	%100
55	M121	Y	-7.727	-7.727	0	%100
56	M122	Y	-7.727	-7.727	0	%100
57	M123	Y	-7.727	-7.727	0	%100
58	M124	Y	-11.308	-11.308	0	%100
59	M125	Y	-11.308	-11.308	0	%100
60	M126	Y	-11.308	-11.308	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	-15.684	-15.684	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	-15.434	-15.434	0	%100
7	MP3A	X	0	0	0	%100
8	MP3A	Z	-14.751	-14.751	0	%100
9	MP4A	X	0	0	0	%100
10	MP4A	Z	-12.186	-12.186	0	%100
11	MP2A	X	0	0	0	%100
12	MP2A	Z	-14.751	-14.751	0	%100
13	MP1A	X	0	0	0	%100
14	MP1A	Z	-14.751	-14.751	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	-15.434	-15.434	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	-30.785	-30.785	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	-4.274	-4.274	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	-4.274	-4.274	0	%100
23	M76	X	0	0	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	-7.839	-7.839	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	-8.256	-8.256	0	%100
29	M84	X	0	0	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	-7.839	-7.839	0	%100
33	M91	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
34	M91	Z	-8.256	-8.256	0	%100
35	M34	X	0	0	0	%100
36	M34	Z	-13.68	-13.68	0	%100
37	M35	X	0	0	0	%100
38	M35	Z	-3.859	-3.859	0	%100
39	M36	X	0	0	0	%100
40	M36	Z	-3.859	-3.859	0	%100
41	M37	X	0	0	0	%100
42	M37	Z	-7.696	-7.696	0	%100
43	M40	X	0	0	0	%100
44	M40	Z	-4.274	-4.274	0	%100
45	M41	X	0	0	0	%100
46	M41	Z	-17.094	-17.094	0	%100
47	M45	X	0	0	0	%100
48	M45	Z	-23.089	-23.089	0	%100
49	M46A	X	0	0	0	%100
50	M46A	Z	-7.839	-7.839	0	%100
51	M48	X	0	0	0	%100
52	M48	Z	-8.256	-8.256	0	%100
53	M50A	X	0	0	0	%100
54	M50A	Z	-23.089	-23.089	0	%100
55	M51C	X	0	0	0	%100
56	M51C	Z	-31.355	-31.355	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	-33.026	-33.026	0	%100
59	M58A	X	0	0	0	%100
60	M58A	Z	-13.68	-13.68	0	%100
61	M59A	X	0	0	0	%100
62	M59A	Z	-3.859	-3.859	0	%100
63	M60	X	0	0	0	%100
64	M60	Z	-3.859	-3.859	0	%100
65	M61	X	0	0	0	%100
66	M61	Z	-7.696	-7.696	0	%100
67	M64	X	0	0	0	%100
68	M64	Z	-17.094	-17.094	0	%100
69	M65	X	0	0	0	%100
70	M65	Z	-4.274	-4.274	0	%100
71	M69	X	0	0	0	%100
72	M69	Z	-23.089	-23.089	0	%100
73	M70	X	0	0	0	%100
74	M70	Z	-31.355	-31.355	0	%100
75	M72	X	0	0	0	%100
76	M72	Z	-33.026	-33.026	0	%100
77	M74	X	0	0	0	%100
78	M74	Z	-23.089	-23.089	0	%100
79	M75	X	0	0	0	%100
80	M75	Z	-7.839	-7.839	0	%100
81	M77A	X	0	0	0	%100
82	M77A	Z	-8.256	-8.256	0	%100
83	M82	X	0	0	0	%100
84	M82	Z	-3.921	-3.921	0	%100
85	MP3C	X	0	0	0	%100
86	MP3C	Z	-14.751	-14.751	0	%100
87	MP4C	X	0	0	0	%100
88	MP4C	Z	-12.186	-12.186	0	%100
89	MP2C	X	0	0	0	%100
90	MP2C	Z	-14.751	-14.751	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
91	MP1C	X	0	0	0	%100
92	MP1C	Z	-14.751	-14.751	0	%100
93	M91A	X	0	0	0	%100
94	M91A	Z	-3.921	-3.921	0	%100
95	MP3B	X	0	0	0	%100
96	MP3B	Z	-14.751	-14.751	0	%100
97	MP4B	X	0	0	0	%100
98	MP4B	Z	-12.186	-12.186	0	%100
99	MP2B	X	0	0	0	%100
100	MP2B	Z	-14.751	-14.751	0	%100
101	MP1B	X	0	0	0	%100
102	MP1B	Z	-14.751	-14.751	0	%100
103	M100	X	0	0	0	%100
104	M100	Z	-14.751	-14.751	0	%100
105	M105	X	0	0	0	%100
106	M105	Z	-3.688	-3.688	0	%100
107	M110	X	0	0	0	%100
108	M110	Z	-3.688	-3.688	0	%100
109	M121	X	0	0	0	%100
110	M121	Z	-4.318	-4.318	0	%100
111	M122	X	0	0	0	%100
112	M122	Z	-4.318	-4.318	0	%100
113	M123	X	0	0	0	%100
114	M123	Z	-17.271	-17.271	0	%100
115	M124	X	0	0	0	%100
116	M124	Z	-13.436	-13.436	0	%100
117	M125	X	0	0	0	%100
118	M125	Z	-21.453	-21.453	0	%100
119	M126	X	0	0	0	%100
120	M126	Z	-21.453	-21.453	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	5.881	5.881	0	%100
2	M1	Z	-10.187	-10.187	0	%100
3	M4	X	2.28	2.28	0	%100
4	M4	Z	-3.949	-3.949	0	%100
5	M10	X	5.788	5.788	0	%100
6	M10	Z	-10.025	-10.025	0	%100
7	MP3A	X	7.376	7.376	0	%100
8	MP3A	Z	-12.775	-12.775	0	%100
9	MP4A	X	6.093	6.093	0	%100
10	MP4A	Z	-10.553	-10.553	0	%100
11	MP2A	X	7.376	7.376	0	%100
12	MP2A	Z	-12.775	-12.775	0	%100
13	MP1A	X	7.376	7.376	0	%100
14	MP1A	Z	-12.775	-12.775	0	%100
15	M43	X	5.788	5.788	0	%100
16	M43	Z	-10.025	-10.025	0	%100
17	M46	X	11.544	11.544	0	%100
18	M46	Z	-19.995	-19.995	0	%100
19	M51B	X	6.41	6.41	0	%100
20	M51B	Z	-11.103	-11.103	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	3.848	3.848	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
24	M76	Z	-6.665	-6.665	0	%100
25	M77	X	11.758	11.758	0	%100
26	M77	Z	-20.366	-20.366	0	%100
27	M80	X	12.385	12.385	0	%100
28	M80	Z	-21.451	-21.451	0	%100
29	M84	X	3.848	3.848	0	%100
30	M84	Z	-6.665	-6.665	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	0	0	0	%100
35	M34	X	2.28	2.28	0	%100
36	M34	Z	-3.949	-3.949	0	%100
37	M35	X	5.788	5.788	0	%100
38	M35	Z	-10.025	-10.025	0	%100
39	M36	X	5.788	5.788	0	%100
40	M36	Z	-10.025	-10.025	0	%100
41	M37	X	11.544	11.544	0	%100
42	M37	Z	-19.995	-19.995	0	%100
43	M40	X	0	0	0	%100
44	M40	Z	0	0	0	%100
45	M41	X	6.41	6.41	0	%100
46	M41	Z	-11.103	-11.103	0	%100
47	M45	X	3.848	3.848	0	%100
48	M45	Z	-6.665	-6.665	0	%100
49	M46A	X	0	0	0	%100
50	M46A	Z	0	0	0	%100
51	M48	X	0	0	0	%100
52	M48	Z	0	0	0	%100
53	M50A	X	3.848	3.848	0	%100
54	M50A	Z	-6.665	-6.665	0	%100
55	M51C	X	11.758	11.758	0	%100
56	M51C	Z	-20.366	-20.366	0	%100
57	M53	X	12.385	12.385	0	%100
58	M53	Z	-21.451	-21.451	0	%100
59	M58A	X	9.12	9.12	0	%100
60	M58A	Z	-15.796	-15.796	0	%100
61	M59A	X	0	0	0	%100
62	M59A	Z	0	0	0	%100
63	M60	X	0	0	0	%100
64	M60	Z	0	0	0	%100
65	M61	X	0	0	0	%100
66	M61	Z	0	0	0	%100
67	M64	X	6.41	6.41	0	%100
68	M64	Z	-11.103	-11.103	0	%100
69	M65	X	6.41	6.41	0	%100
70	M65	Z	-11.103	-11.103	0	%100
71	M69	X	15.393	15.393	0	%100
72	M69	Z	-26.661	-26.661	0	%100
73	M70	X	11.758	11.758	0	%100
74	M70	Z	-20.366	-20.366	0	%100
75	M72	X	12.385	12.385	0	%100
76	M72	Z	-21.451	-21.451	0	%100
77	M74	X	15.393	15.393	0	%100
78	M74	Z	-26.661	-26.661	0	%100
79	M75	X	11.758	11.758	0	%100
80	M75	Z	-20.366	-20.366	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
81	M77A	X	12.385	12.385	0	%100
82	M77A	Z	-21.451	-21.451	0	%100
83	M82	X	5.881	5.881	0	%100
84	M82	Z	-10.187	-10.187	0	%100
85	MP3C	X	7.376	7.376	0	%100
86	MP3C	Z	-12.775	-12.775	0	%100
87	MP4C	X	6.093	6.093	0	%100
88	MP4C	Z	-10.553	-10.553	0	%100
89	MP2C	X	7.376	7.376	0	%100
90	MP2C	Z	-12.775	-12.775	0	%100
91	MP1C	X	7.376	7.376	0	%100
92	MP1C	Z	-12.775	-12.775	0	%100
93	M91A	X	0	0	0	%100
94	M91A	Z	0	0	0	%100
95	MP3B	X	7.376	7.376	0	%100
96	MP3B	Z	-12.775	-12.775	0	%100
97	MP4B	X	6.093	6.093	0	%100
98	MP4B	Z	-10.553	-10.553	0	%100
99	MP2B	X	7.376	7.376	0	%100
100	MP2B	Z	-12.775	-12.775	0	%100
101	MP1B	X	7.376	7.376	0	%100
102	MP1B	Z	-12.775	-12.775	0	%100
103	M100	X	5.532	5.532	0	%100
104	M100	Z	-9.581	-9.581	0	%100
105	M105	X	5.532	5.532	0	%100
106	M105	Z	-9.581	-9.581	0	%100
107	M110	X	0	0	0	%100
108	M110	Z	0	0	0	%100
109	M121	X	6.477	6.477	0	%100
110	M121	Z	-11.218	-11.218	0	%100
111	M122	X	0	0	0	%100
112	M122	Z	0	0	0	%100
113	M123	X	6.477	6.477	0	%100
114	M123	Z	-11.218	-11.218	0	%100
115	M124	X	8.054	8.054	0	%100
116	M124	Z	-13.95	-13.95	0	%100
117	M125	X	8.054	8.054	0	%100
118	M125	Z	-13.95	-13.95	0	%100
119	M126	X	12.063	12.063	0	%100
120	M126	Z	-20.894	-20.894	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	3.396	3.396	0	%100
2	M1	Z	-1.96	-1.96	0	%100
3	M4	X	11.847	11.847	0	%100
4	M4	Z	-6.84	-6.84	0	%100
5	M10	X	3.342	3.342	0	%100
6	M10	Z	-1.929	-1.929	0	%100
7	MP3A	X	12.775	12.775	0	%100
8	MP3A	Z	-7.376	-7.376	0	%100
9	MP4A	X	10.553	10.553	0	%100
10	MP4A	Z	-6.093	-6.093	0	%100
11	MP2A	X	12.775	12.775	0	%100
12	MP2A	Z	-7.376	-7.376	0	%100
13	MP1A	X	12.775	12.775	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
14	MP1A	Z	-7.376	-7.376	0	%100
15	M43	X	3.342	3.342	0	%100
16	M43	Z	-1.929	-1.929	0	%100
17	M46	X	6.665	6.665	0	%100
18	M46	Z	-3.848	-3.848	0	%100
19	M51B	X	14.804	14.804	0	%100
20	M51B	Z	-8.547	-8.547	0	%100
21	M52B	X	3.701	3.701	0	%100
22	M52B	Z	-2.137	-2.137	0	%100
23	M76	X	19.995	19.995	0	%100
24	M76	Z	-11.544	-11.544	0	%100
25	M77	X	27.154	27.154	0	%100
26	M77	Z	-15.678	-15.678	0	%100
27	M80	X	28.601	28.601	0	%100
28	M80	Z	-16.513	-16.513	0	%100
29	M84	X	19.995	19.995	0	%100
30	M84	Z	-11.544	-11.544	0	%100
31	M85	X	6.789	6.789	0	%100
32	M85	Z	-3.919	-3.919	0	%100
33	M91	X	7.15	7.15	0	%100
34	M91	Z	-4.128	-4.128	0	%100
35	M34	X	0	0	0	%100
36	M34	Z	0	0	0	%100
37	M35	X	13.366	13.366	0	%100
38	M35	Z	-7.717	-7.717	0	%100
39	M36	X	13.366	13.366	0	%100
40	M36	Z	-7.717	-7.717	0	%100
41	M37	X	26.661	26.661	0	%100
42	M37	Z	-15.393	-15.393	0	%100
43	M40	X	3.701	3.701	0	%100
44	M40	Z	-2.137	-2.137	0	%100
45	M41	X	3.701	3.701	0	%100
46	M41	Z	-2.137	-2.137	0	%100
47	M45	X	0	0	0	%100
48	M45	Z	0	0	0	%100
49	M46A	X	6.789	6.789	0	%100
50	M46A	Z	-3.919	-3.919	0	%100
51	M48	X	7.15	7.15	0	%100
52	M48	Z	-4.128	-4.128	0	%100
53	M50A	X	0	0	0	%100
54	M50A	Z	0	0	0	%100
55	M51C	X	6.789	6.789	0	%100
56	M51C	Z	-3.919	-3.919	0	%100
57	M53	X	7.15	7.15	0	%100
58	M53	Z	-4.128	-4.128	0	%100
59	M58A	X	11.847	11.847	0	%100
60	M58A	Z	-6.84	-6.84	0	%100
61	M59A	X	3.342	3.342	0	%100
62	M59A	Z	-1.929	-1.929	0	%100
63	M60	X	3.342	3.342	0	%100
64	M60	Z	-1.929	-1.929	0	%100
65	M61	X	6.665	6.665	0	%100
66	M61	Z	-3.848	-3.848	0	%100
67	M64	X	3.701	3.701	0	%100
68	M64	Z	-2.137	-2.137	0	%100
69	M65	X	14.804	14.804	0	%100
70	M65	Z	-8.547	-8.547	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
71	M69	X	19.995	19.995	0	%100
72	M69	Z	-11.544	-11.544	0	%100
73	M70	X	6.789	6.789	0	%100
74	M70	Z	-3.919	-3.919	0	%100
75	M72	X	7.15	7.15	0	%100
76	M72	Z	-4.128	-4.128	0	%100
77	M74	X	19.995	19.995	0	%100
78	M74	Z	-11.544	-11.544	0	%100
79	M75	X	27.154	27.154	0	%100
80	M75	Z	-15.678	-15.678	0	%100
81	M77A	X	28.601	28.601	0	%100
82	M77A	Z	-16.513	-16.513	0	%100
83	M82	X	13.582	13.582	0	%100
84	M82	Z	-7.842	-7.842	0	%100
85	MP3C	X	12.775	12.775	0	%100
86	MP3C	Z	-7.376	-7.376	0	%100
87	MP4C	X	10.553	10.553	0	%100
88	MP4C	Z	-6.093	-6.093	0	%100
89	MP2C	X	12.775	12.775	0	%100
90	MP2C	Z	-7.376	-7.376	0	%100
91	MP1C	X	12.775	12.775	0	%100
92	MP1C	Z	-7.376	-7.376	0	%100
93	M91A	X	3.396	3.396	0	%100
94	M91A	Z	-1.96	-1.96	0	%100
95	MP3B	X	12.775	12.775	0	%100
96	MP3B	Z	-7.376	-7.376	0	%100
97	MP4B	X	10.553	10.553	0	%100
98	MP4B	Z	-6.093	-6.093	0	%100
99	MP2B	X	12.775	12.775	0	%100
100	MP2B	Z	-7.376	-7.376	0	%100
101	MP1B	X	12.775	12.775	0	%100
102	MP1B	Z	-7.376	-7.376	0	%100
103	M100	X	3.194	3.194	0	%100
104	M100	Z	-1.844	-1.844	0	%100
105	M105	X	12.775	12.775	0	%100
106	M105	Z	-7.376	-7.376	0	%100
107	M110	X	3.194	3.194	0	%100
108	M110	Z	-1.844	-1.844	0	%100
109	M121	X	14.957	14.957	0	%100
110	M121	Z	-8.635	-8.635	0	%100
111	M122	X	3.739	3.739	0	%100
112	M122	Z	-2.159	-2.159	0	%100
113	M123	X	3.739	3.739	0	%100
114	M123	Z	-2.159	-2.159	0	%100
115	M124	X	18.579	18.579	0	%100
116	M124	Z	-10.727	-10.727	0	%100
117	M125	X	11.636	11.636	0	%100
118	M125	Z	-6.718	-6.718	0	%100
119	M126	X	18.579	18.579	0	%100
120	M126	Z	-10.727	-10.727	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	18.24	18.24	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	MP3A	X	14.751	14.751	0	%100
8	MP3A	Z	0	0	0	%100
9	MP4A	X	12.186	12.186	0	%100
10	MP4A	Z	0	0	0	%100
11	MP2A	X	14.751	14.751	0	%100
12	MP2A	Z	0	0	0	%100
13	MP1A	X	14.751	14.751	0	%100
14	MP1A	Z	0	0	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	0	0	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	0	0	0	%100
19	M51B	X	12.821	12.821	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	12.821	12.821	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	30.785	30.785	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	23.516	23.516	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	24.769	24.769	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	30.785	30.785	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	23.516	23.516	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	24.769	24.769	0	%100
34	M91	Z	0	0	0	%100
35	M34	X	4.56	4.56	0	%100
36	M34	Z	0	0	0	%100
37	M35	X	11.576	11.576	0	%100
38	M35	Z	0	0	0	%100
39	M36	X	11.576	11.576	0	%100
40	M36	Z	0	0	0	%100
41	M37	X	23.089	23.089	0	%100
42	M37	Z	0	0	0	%100
43	M40	X	12.821	12.821	0	%100
44	M40	Z	0	0	0	%100
45	M41	X	0	0	0	%100
46	M41	Z	0	0	0	%100
47	M45	X	7.696	7.696	0	%100
48	M45	Z	0	0	0	%100
49	M46A	X	23.516	23.516	0	%100
50	M46A	Z	0	0	0	%100
51	M48	X	24.769	24.769	0	%100
52	M48	Z	0	0	0	%100
53	M50A	X	7.696	7.696	0	%100
54	M50A	Z	0	0	0	%100
55	M51C	X	0	0	0	%100
56	M51C	Z	0	0	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	0	0	0	%100
59	M58A	X	4.56	4.56	0	%100
60	M58A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
61	M59A	X	11.576	11.576	0	%100
62	M59A	Z	0	0	0	%100
63	M60	X	11.576	11.576	0	%100
64	M60	Z	0	0	0	%100
65	M61	X	23.089	23.089	0	%100
66	M61	Z	0	0	0	%100
67	M64	X	0	0	0	%100
68	M64	Z	0	0	0	%100
69	M65	X	12.821	12.821	0	%100
70	M65	Z	0	0	0	%100
71	M69	X	7.696	7.696	0	%100
72	M69	Z	0	0	0	%100
73	M70	X	0	0	0	%100
74	M70	Z	0	0	0	%100
75	M72	X	0	0	0	%100
76	M72	Z	0	0	0	%100
77	M74	X	7.696	7.696	0	%100
78	M74	Z	0	0	0	%100
79	M75	X	23.516	23.516	0	%100
80	M75	Z	0	0	0	%100
81	M77A	X	24.769	24.769	0	%100
82	M77A	Z	0	0	0	%100
83	M82	X	11.763	11.763	0	%100
84	M82	Z	0	0	0	%100
85	MP3C	X	14.751	14.751	0	%100
86	MP3C	Z	0	0	0	%100
87	MP4C	X	12.186	12.186	0	%100
88	MP4C	Z	0	0	0	%100
89	MP2C	X	14.751	14.751	0	%100
90	MP2C	Z	0	0	0	%100
91	MP1C	X	14.751	14.751	0	%100
92	MP1C	Z	0	0	0	%100
93	M91A	X	11.763	11.763	0	%100
94	M91A	Z	0	0	0	%100
95	MP3B	X	14.751	14.751	0	%100
96	MP3B	Z	0	0	0	%100
97	MP4B	X	12.186	12.186	0	%100
98	MP4B	Z	0	0	0	%100
99	MP2B	X	14.751	14.751	0	%100
100	MP2B	Z	0	0	0	%100
101	MP1B	X	14.751	14.751	0	%100
102	MP1B	Z	0	0	0	%100
103	M100	X	0	0	0	%100
104	M100	Z	0	0	0	%100
105	M105	X	11.063	11.063	0	%100
106	M105	Z	0	0	0	%100
107	M110	X	11.063	11.063	0	%100
108	M110	Z	0	0	0	%100
109	M121	X	12.953	12.953	0	%100
110	M121	Z	0	0	0	%100
111	M122	X	12.953	12.953	0	%100
112	M122	Z	0	0	0	%100
113	M123	X	0	0	0	%100
114	M123	Z	0	0	0	%100
115	M124	X	24.126	24.126	0	%100
116	M124	Z	0	0	0	%100
117	M125	X	16.108	16.108	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
118	M125	Z	0	0	0	%100
119	M126	X	16.108	16.108	0	%100
120	M126	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	3.396	3.396	0	%100
2	M1	Z	1.96	1.96	0	%100
3	M4	X	11.847	11.847	0	%100
4	M4	Z	6.84	6.84	0	%100
5	M10	X	3.342	3.342	0	%100
6	M10	Z	1.929	1.929	0	%100
7	MP3A	X	12.775	12.775	0	%100
8	MP3A	Z	7.376	7.376	0	%100
9	MP4A	X	10.553	10.553	0	%100
10	MP4A	Z	6.093	6.093	0	%100
11	MP2A	X	12.775	12.775	0	%100
12	MP2A	Z	7.376	7.376	0	%100
13	MP1A	X	12.775	12.775	0	%100
14	MP1A	Z	7.376	7.376	0	%100
15	M43	X	3.342	3.342	0	%100
16	M43	Z	1.929	1.929	0	%100
17	M46	X	6.665	6.665	0	%100
18	M46	Z	3.848	3.848	0	%100
19	M51B	X	3.701	3.701	0	%100
20	M51B	Z	2.137	2.137	0	%100
21	M52B	X	14.804	14.804	0	%100
22	M52B	Z	8.547	8.547	0	%100
23	M76	X	19.995	19.995	0	%100
24	M76	Z	11.544	11.544	0	%100
25	M77	X	6.789	6.789	0	%100
26	M77	Z	3.919	3.919	0	%100
27	M80	X	7.15	7.15	0	%100
28	M80	Z	4.128	4.128	0	%100
29	M84	X	19.995	19.995	0	%100
30	M84	Z	11.544	11.544	0	%100
31	M85	X	27.154	27.154	0	%100
32	M85	Z	15.678	15.678	0	%100
33	M91	X	28.601	28.601	0	%100
34	M91	Z	16.513	16.513	0	%100
35	M34	X	11.847	11.847	0	%100
36	M34	Z	6.84	6.84	0	%100
37	M35	X	3.342	3.342	0	%100
38	M35	Z	1.929	1.929	0	%100
39	M36	X	3.342	3.342	0	%100
40	M36	Z	1.929	1.929	0	%100
41	M37	X	6.665	6.665	0	%100
42	M37	Z	3.848	3.848	0	%100
43	M40	X	14.804	14.804	0	%100
44	M40	Z	8.547	8.547	0	%100
45	M41	X	3.701	3.701	0	%100
46	M41	Z	2.137	2.137	0	%100
47	M45	X	19.995	19.995	0	%100
48	M45	Z	11.544	11.544	0	%100
49	M46A	X	27.154	27.154	0	%100
50	M46A	Z	15.678	15.678	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
51	M48	X	28.601	28.601	0	%100
52	M48	Z	16.513	16.513	0	%100
53	M50A	X	19.995	19.995	0	%100
54	M50A	Z	11.544	11.544	0	%100
55	M51C	X	6.789	6.789	0	%100
56	M51C	Z	3.919	3.919	0	%100
57	M53	X	7.15	7.15	0	%100
58	M53	Z	4.128	4.128	0	%100
59	M58A	X	0	0	0	%100
60	M58A	Z	0	0	0	%100
61	M59A	X	13.366	13.366	0	%100
62	M59A	Z	7.717	7.717	0	%100
63	M60	X	13.366	13.366	0	%100
64	M60	Z	7.717	7.717	0	%100
65	M61	X	26.661	26.661	0	%100
66	M61	Z	15.393	15.393	0	%100
67	M64	X	3.701	3.701	0	%100
68	M64	Z	2.137	2.137	0	%100
69	M65	X	3.701	3.701	0	%100
70	M65	Z	2.137	2.137	0	%100
71	M69	X	0	0	0	%100
72	M69	Z	0	0	0	%100
73	M70	X	6.789	6.789	0	%100
74	M70	Z	3.919	3.919	0	%100
75	M72	X	7.15	7.15	0	%100
76	M72	Z	4.128	4.128	0	%100
77	M74	X	0	0	0	%100
78	M74	Z	0	0	0	%100
79	M75	X	6.789	6.789	0	%100
80	M75	Z	3.919	3.919	0	%100
81	M77A	X	7.15	7.15	0	%100
82	M77A	Z	4.128	4.128	0	%100
83	M82	X	3.396	3.396	0	%100
84	M82	Z	1.96	1.96	0	%100
85	MP3C	X	12.775	12.775	0	%100
86	MP3C	Z	7.376	7.376	0	%100
87	MP4C	X	10.553	10.553	0	%100
88	MP4C	Z	6.093	6.093	0	%100
89	MP2C	X	12.775	12.775	0	%100
90	MP2C	Z	7.376	7.376	0	%100
91	MP1C	X	12.775	12.775	0	%100
92	MP1C	Z	7.376	7.376	0	%100
93	M91A	X	13.582	13.582	0	%100
94	M91A	Z	7.842	7.842	0	%100
95	MP3B	X	12.775	12.775	0	%100
96	MP3B	Z	7.376	7.376	0	%100
97	MP4B	X	10.553	10.553	0	%100
98	MP4B	Z	6.093	6.093	0	%100
99	MP2B	X	12.775	12.775	0	%100
100	MP2B	Z	7.376	7.376	0	%100
101	MP1B	X	12.775	12.775	0	%100
102	MP1B	Z	7.376	7.376	0	%100
103	M100	X	3.194	3.194	0	%100
104	M100	Z	1.844	1.844	0	%100
105	M105	X	3.194	3.194	0	%100
106	M105	Z	1.844	1.844	0	%100
107	M110	X	12.775	12.775	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
108	M110	Z	7.376	7.376	0	%100
109	M121	X	3.739	3.739	0	%100
110	M121	Z	2.159	2.159	0	%100
111	M122	X	14.957	14.957	0	%100
112	M122	Z	8.635	8.635	0	%100
113	M123	X	3.739	3.739	0	%100
114	M123	Z	2.159	2.159	0	%100
115	M124	X	18.579	18.579	0	%100
116	M124	Z	10.727	10.727	0	%100
117	M125	X	18.579	18.579	0	%100
118	M125	Z	10.727	10.727	0	%100
119	M126	X	11.636	11.636	0	%100
120	M126	Z	6.718	6.718	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	5.881	5.881	0	%100
2	M1	Z	10.187	10.187	0	%100
3	M4	X	2.28	2.28	0	%100
4	M4	Z	3.949	3.949	0	%100
5	M10	X	5.788	5.788	0	%100
6	M10	Z	10.025	10.025	0	%100
7	MP3A	X	7.376	7.376	0	%100
8	MP3A	Z	12.775	12.775	0	%100
9	MP4A	X	6.093	6.093	0	%100
10	MP4A	Z	10.553	10.553	0	%100
11	MP2A	X	7.376	7.376	0	%100
12	MP2A	Z	12.775	12.775	0	%100
13	MP1A	X	7.376	7.376	0	%100
14	MP1A	Z	12.775	12.775	0	%100
15	M43	X	5.788	5.788	0	%100
16	M43	Z	10.025	10.025	0	%100
17	M46	X	11.544	11.544	0	%100
18	M46	Z	19.995	19.995	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	6.41	6.41	0	%100
22	M52B	Z	11.103	11.103	0	%100
23	M76	X	3.848	3.848	0	%100
24	M76	Z	6.665	6.665	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	3.848	3.848	0	%100
30	M84	Z	6.665	6.665	0	%100
31	M85	X	11.758	11.758	0	%100
32	M85	Z	20.366	20.366	0	%100
33	M91	X	12.385	12.385	0	%100
34	M91	Z	21.451	21.451	0	%100
35	M34	X	9.12	9.12	0	%100
36	M34	Z	15.796	15.796	0	%100
37	M35	X	0	0	0	%100
38	M35	Z	0	0	0	%100
39	M36	X	0	0	0	%100
40	M36	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
41	M37	X	0	0	0	%100
42	M37	Z	0	0	0	%100
43	M40	X	6.41	6.41	0	%100
44	M40	Z	11.103	11.103	0	%100
45	M41	X	6.41	6.41	0	%100
46	M41	Z	11.103	11.103	0	%100
47	M45	X	15.393	15.393	0	%100
48	M45	Z	26.661	26.661	0	%100
49	M46A	X	11.758	11.758	0	%100
50	M46A	Z	20.366	20.366	0	%100
51	M48	X	12.385	12.385	0	%100
52	M48	Z	21.451	21.451	0	%100
53	M50A	X	15.393	15.393	0	%100
54	M50A	Z	26.661	26.661	0	%100
55	M51C	X	11.758	11.758	0	%100
56	M51C	Z	20.366	20.366	0	%100
57	M53	X	12.385	12.385	0	%100
58	M53	Z	21.451	21.451	0	%100
59	M58A	X	2.28	2.28	0	%100
60	M58A	Z	3.949	3.949	0	%100
61	M59A	X	5.788	5.788	0	%100
62	M59A	Z	10.025	10.025	0	%100
63	M60	X	5.788	5.788	0	%100
64	M60	Z	10.025	10.025	0	%100
65	M61	X	11.544	11.544	0	%100
66	M61	Z	19.995	19.995	0	%100
67	M64	X	6.41	6.41	0	%100
68	M64	Z	11.103	11.103	0	%100
69	M65	X	0	0	0	%100
70	M65	Z	0	0	0	%100
71	M69	X	3.848	3.848	0	%100
72	M69	Z	6.665	6.665	0	%100
73	M70	X	11.758	11.758	0	%100
74	M70	Z	20.366	20.366	0	%100
75	M72	X	12.385	12.385	0	%100
76	M72	Z	21.451	21.451	0	%100
77	M74	X	3.848	3.848	0	%100
78	M74	Z	6.665	6.665	0	%100
79	M75	X	0	0	0	%100
80	M75	Z	0	0	0	%100
81	M77A	X	0	0	0	%100
82	M77A	Z	0	0	0	%100
83	M82	X	0	0	0	%100
84	M82	Z	0	0	0	%100
85	MP3C	X	7.376	7.376	0	%100
86	MP3C	Z	12.775	12.775	0	%100
87	MP4C	X	6.093	6.093	0	%100
88	MP4C	Z	10.553	10.553	0	%100
89	MP2C	X	7.376	7.376	0	%100
90	MP2C	Z	12.775	12.775	0	%100
91	MP1C	X	7.376	7.376	0	%100
92	MP1C	Z	12.775	12.775	0	%100
93	M91A	X	5.881	5.881	0	%100
94	M91A	Z	10.187	10.187	0	%100
95	MP3B	X	7.376	7.376	0	%100
96	MP3B	Z	12.775	12.775	0	%100
97	MP4B	X	6.093	6.093	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
98	MP4B	Z	10.553	10.553	0	%100
99	MP2B	X	7.376	7.376	0	%100
100	MP2B	Z	12.775	12.775	0	%100
101	MP1B	X	7.376	7.376	0	%100
102	MP1B	Z	12.775	12.775	0	%100
103	M100	X	5.532	5.532	0	%100
104	M100	Z	9.581	9.581	0	%100
105	M105	X	0	0	0	%100
106	M105	Z	0	0	0	%100
107	M110	X	5.532	5.532	0	%100
108	M110	Z	9.581	9.581	0	%100
109	M121	X	0	0	0	%100
110	M121	Z	0	0	0	%100
111	M122	X	6.477	6.477	0	%100
112	M122	Z	11.218	11.218	0	%100
113	M123	X	6.477	6.477	0	%100
114	M123	Z	11.218	11.218	0	%100
115	M124	X	8.054	8.054	0	%100
116	M124	Z	13.95	13.95	0	%100
117	M125	X	12.063	12.063	0	%100
118	M125	Z	20.894	20.894	0	%100
119	M126	X	8.054	8.054	0	%100
120	M126	Z	13.95	13.95	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	15.684	15.684	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	15.434	15.434	0	%100
7	MP3A	X	0	0	0	%100
8	MP3A	Z	14.751	14.751	0	%100
9	MP4A	X	0	0	0	%100
10	MP4A	Z	12.186	12.186	0	%100
11	MP2A	X	0	0	0	%100
12	MP2A	Z	14.751	14.751	0	%100
13	MP1A	X	0	0	0	%100
14	MP1A	Z	14.751	14.751	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	15.434	15.434	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	30.785	30.785	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	4.274	4.274	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	4.274	4.274	0	%100
23	M76	X	0	0	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	7.839	7.839	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	8.256	8.256	0	%100
29	M84	X	0	0	0	%100
30	M84	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
31	M85	X	0	0	0	%100
32	M85	Z	7.839	7.839	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	8.256	8.256	0	%100
35	M34	X	0	0	0	%100
36	M34	Z	13.68	13.68	0	%100
37	M35	X	0	0	0	%100
38	M35	Z	3.859	3.859	0	%100
39	M36	X	0	0	0	%100
40	M36	Z	3.859	3.859	0	%100
41	M37	X	0	0	0	%100
42	M37	Z	7.696	7.696	0	%100
43	M40	X	0	0	0	%100
44	M40	Z	4.274	4.274	0	%100
45	M41	X	0	0	0	%100
46	M41	Z	17.094	17.094	0	%100
47	M45	X	0	0	0	%100
48	M45	Z	23.089	23.089	0	%100
49	M46A	X	0	0	0	%100
50	M46A	Z	7.839	7.839	0	%100
51	M48	X	0	0	0	%100
52	M48	Z	8.256	8.256	0	%100
53	M50A	X	0	0	0	%100
54	M50A	Z	23.089	23.089	0	%100
55	M51C	X	0	0	0	%100
56	M51C	Z	31.355	31.355	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	33.026	33.026	0	%100
59	M58A	X	0	0	0	%100
60	M58A	Z	13.68	13.68	0	%100
61	M59A	X	0	0	0	%100
62	M59A	Z	3.859	3.859	0	%100
63	M60	X	0	0	0	%100
64	M60	Z	3.859	3.859	0	%100
65	M61	X	0	0	0	%100
66	M61	Z	7.696	7.696	0	%100
67	M64	X	0	0	0	%100
68	M64	Z	17.094	17.094	0	%100
69	M65	X	0	0	0	%100
70	M65	Z	4.274	4.274	0	%100
71	M69	X	0	0	0	%100
72	M69	Z	23.089	23.089	0	%100
73	M70	X	0	0	0	%100
74	M70	Z	31.355	31.355	0	%100
75	M72	X	0	0	0	%100
76	M72	Z	33.026	33.026	0	%100
77	M74	X	0	0	0	%100
78	M74	Z	23.089	23.089	0	%100
79	M75	X	0	0	0	%100
80	M75	Z	7.839	7.839	0	%100
81	M77A	X	0	0	0	%100
82	M77A	Z	8.256	8.256	0	%100
83	M82	X	0	0	0	%100
84	M82	Z	3.921	3.921	0	%100
85	MP3C	X	0	0	0	%100
86	MP3C	Z	14.751	14.751	0	%100
87	MP4C	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
88	MP4C	Z	12.186	12.186	0	%100
89	MP2C	X	0	0	0	%100
90	MP2C	Z	14.751	14.751	0	%100
91	MP1C	X	0	0	0	%100
92	MP1C	Z	14.751	14.751	0	%100
93	M91A	X	0	0	0	%100
94	M91A	Z	3.921	3.921	0	%100
95	MP3B	X	0	0	0	%100
96	MP3B	Z	14.751	14.751	0	%100
97	MP4B	X	0	0	0	%100
98	MP4B	Z	12.186	12.186	0	%100
99	MP2B	X	0	0	0	%100
100	MP2B	Z	14.751	14.751	0	%100
101	MP1B	X	0	0	0	%100
102	MP1B	Z	14.751	14.751	0	%100
103	M100	X	0	0	0	%100
104	M100	Z	14.751	14.751	0	%100
105	M105	X	0	0	0	%100
106	M105	Z	3.688	3.688	0	%100
107	M110	X	0	0	0	%100
108	M110	Z	3.688	3.688	0	%100
109	M121	X	0	0	0	%100
110	M121	Z	4.318	4.318	0	%100
111	M122	X	0	0	0	%100
112	M122	Z	4.318	4.318	0	%100
113	M123	X	0	0	0	%100
114	M123	Z	17.271	17.271	0	%100
115	M124	X	0	0	0	%100
116	M124	Z	13.436	13.436	0	%100
117	M125	X	0	0	0	%100
118	M125	Z	21.453	21.453	0	%100
119	M126	X	0	0	0	%100
120	M126	Z	21.453	21.453	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-5.881	-5.881	0	%100
2	M1	Z	10.187	10.187	0	%100
3	M4	X	-2.28	-2.28	0	%100
4	M4	Z	3.949	3.949	0	%100
5	M10	X	-5.788	-5.788	0	%100
6	M10	Z	10.025	10.025	0	%100
7	MP3A	X	-7.376	-7.376	0	%100
8	MP3A	Z	12.775	12.775	0	%100
9	MP4A	X	-6.093	-6.093	0	%100
10	MP4A	Z	10.553	10.553	0	%100
11	MP2A	X	-7.376	-7.376	0	%100
12	MP2A	Z	12.775	12.775	0	%100
13	MP1A	X	-7.376	-7.376	0	%100
14	MP1A	Z	12.775	12.775	0	%100
15	M43	X	-5.788	-5.788	0	%100
16	M43	Z	10.025	10.025	0	%100
17	M46	X	-11.544	-11.544	0	%100
18	M46	Z	19.995	19.995	0	%100
19	M51B	X	-6.41	-6.41	0	%100
20	M51B	Z	11.103	11.103	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
21	M52B	X	0	0	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	-3.848	-3.848	0	%100
24	M76	Z	6.665	6.665	0	%100
25	M77	X	-11.758	-11.758	0	%100
26	M77	Z	20.366	20.366	0	%100
27	M80	X	-12.385	-12.385	0	%100
28	M80	Z	21.451	21.451	0	%100
29	M84	X	-3.848	-3.848	0	%100
30	M84	Z	6.665	6.665	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	0	0	0	%100
35	M34	X	-2.28	-2.28	0	%100
36	M34	Z	3.949	3.949	0	%100
37	M35	X	-5.788	-5.788	0	%100
38	M35	Z	10.025	10.025	0	%100
39	M36	X	-5.788	-5.788	0	%100
40	M36	Z	10.025	10.025	0	%100
41	M37	X	-11.544	-11.544	0	%100
42	M37	Z	19.995	19.995	0	%100
43	M40	X	0	0	0	%100
44	M40	Z	0	0	0	%100
45	M41	X	-6.41	-6.41	0	%100
46	M41	Z	11.103	11.103	0	%100
47	M45	X	-3.848	-3.848	0	%100
48	M45	Z	6.665	6.665	0	%100
49	M46A	X	0	0	0	%100
50	M46A	Z	0	0	0	%100
51	M48	X	0	0	0	%100
52	M48	Z	0	0	0	%100
53	M50A	X	-3.848	-3.848	0	%100
54	M50A	Z	6.665	6.665	0	%100
55	M51C	X	-11.758	-11.758	0	%100
56	M51C	Z	20.366	20.366	0	%100
57	M53	X	-12.385	-12.385	0	%100
58	M53	Z	21.451	21.451	0	%100
59	M58A	X	-9.12	-9.12	0	%100
60	M58A	Z	15.796	15.796	0	%100
61	M59A	X	0	0	0	%100
62	M59A	Z	0	0	0	%100
63	M60	X	0	0	0	%100
64	M60	Z	0	0	0	%100
65	M61	X	0	0	0	%100
66	M61	Z	0	0	0	%100
67	M64	X	-6.41	-6.41	0	%100
68	M64	Z	11.103	11.103	0	%100
69	M65	X	-6.41	-6.41	0	%100
70	M65	Z	11.103	11.103	0	%100
71	M69	X	-15.393	-15.393	0	%100
72	M69	Z	26.661	26.661	0	%100
73	M70	X	-11.758	-11.758	0	%100
74	M70	Z	20.366	20.366	0	%100
75	M72	X	-12.385	-12.385	0	%100
76	M72	Z	21.451	21.451	0	%100
77	M74	X	-15.393	-15.393	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
78	M74	Z	26.661	26.661	0	%100
79	M75	X	-11.758	-11.758	0	%100
80	M75	Z	20.366	20.366	0	%100
81	M77A	X	-12.385	-12.385	0	%100
82	M77A	Z	21.451	21.451	0	%100
83	M82	X	-5.881	-5.881	0	%100
84	M82	Z	10.187	10.187	0	%100
85	MP3C	X	-7.376	-7.376	0	%100
86	MP3C	Z	12.775	12.775	0	%100
87	MP4C	X	-6.093	-6.093	0	%100
88	MP4C	Z	10.553	10.553	0	%100
89	MP2C	X	-7.376	-7.376	0	%100
90	MP2C	Z	12.775	12.775	0	%100
91	MP1C	X	-7.376	-7.376	0	%100
92	MP1C	Z	12.775	12.775	0	%100
93	M91A	X	0	0	0	%100
94	M91A	Z	0	0	0	%100
95	MP3B	X	-7.376	-7.376	0	%100
96	MP3B	Z	12.775	12.775	0	%100
97	MP4B	X	-6.093	-6.093	0	%100
98	MP4B	Z	10.553	10.553	0	%100
99	MP2B	X	-7.376	-7.376	0	%100
100	MP2B	Z	12.775	12.775	0	%100
101	MP1B	X	-7.376	-7.376	0	%100
102	MP1B	Z	12.775	12.775	0	%100
103	M100	X	-5.532	-5.532	0	%100
104	M100	Z	9.581	9.581	0	%100
105	M105	X	-5.532	-5.532	0	%100
106	M105	Z	9.581	9.581	0	%100
107	M110	X	0	0	0	%100
108	M110	Z	0	0	0	%100
109	M121	X	-6.477	-6.477	0	%100
110	M121	Z	11.218	11.218	0	%100
111	M122	X	0	0	0	%100
112	M122	Z	0	0	0	%100
113	M123	X	-6.477	-6.477	0	%100
114	M123	Z	11.218	11.218	0	%100
115	M124	X	-8.054	-8.054	0	%100
116	M124	Z	13.95	13.95	0	%100
117	M125	X	-8.054	-8.054	0	%100
118	M125	Z	13.95	13.95	0	%100
119	M126	X	-12.063	-12.063	0	%100
120	M126	Z	20.894	20.894	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-3.396	-3.396	0	%100
2	M1	Z	1.96	1.96	0	%100
3	M4	X	-11.847	-11.847	0	%100
4	M4	Z	6.84	6.84	0	%100
5	M10	X	-3.342	-3.342	0	%100
6	M10	Z	1.929	1.929	0	%100
7	MP3A	X	-12.775	-12.775	0	%100
8	MP3A	Z	7.376	7.376	0	%100
9	MP4A	X	-10.553	-10.553	0	%100
10	MP4A	Z	6.093	6.093	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
11	MP2A	X	-12.775	-12.775	0	%100
12	MP2A	Z	7.376	7.376	0	%100
13	MP1A	X	-12.775	-12.775	0	%100
14	MP1A	Z	7.376	7.376	0	%100
15	M43	X	-3.342	-3.342	0	%100
16	M43	Z	1.929	1.929	0	%100
17	M46	X	-6.665	-6.665	0	%100
18	M46	Z	3.848	3.848	0	%100
19	M51B	X	-14.804	-14.804	0	%100
20	M51B	Z	8.547	8.547	0	%100
21	M52B	X	-3.701	-3.701	0	%100
22	M52B	Z	2.137	2.137	0	%100
23	M76	X	-19.995	-19.995	0	%100
24	M76	Z	11.544	11.544	0	%100
25	M77	X	-27.154	-27.154	0	%100
26	M77	Z	15.678	15.678	0	%100
27	M80	X	-28.601	-28.601	0	%100
28	M80	Z	16.513	16.513	0	%100
29	M84	X	-19.995	-19.995	0	%100
30	M84	Z	11.544	11.544	0	%100
31	M85	X	-6.789	-6.789	0	%100
32	M85	Z	3.919	3.919	0	%100
33	M91	X	-7.15	-7.15	0	%100
34	M91	Z	4.128	4.128	0	%100
35	M34	X	0	0	0	%100
36	M34	Z	0	0	0	%100
37	M35	X	-13.366	-13.366	0	%100
38	M35	Z	7.717	7.717	0	%100
39	M36	X	-13.366	-13.366	0	%100
40	M36	Z	7.717	7.717	0	%100
41	M37	X	-26.661	-26.661	0	%100
42	M37	Z	15.393	15.393	0	%100
43	M40	X	-3.701	-3.701	0	%100
44	M40	Z	2.137	2.137	0	%100
45	M41	X	-3.701	-3.701	0	%100
46	M41	Z	2.137	2.137	0	%100
47	M45	X	0	0	0	%100
48	M45	Z	0	0	0	%100
49	M46A	X	-6.789	-6.789	0	%100
50	M46A	Z	3.919	3.919	0	%100
51	M48	X	-7.15	-7.15	0	%100
52	M48	Z	4.128	4.128	0	%100
53	M50A	X	0	0	0	%100
54	M50A	Z	0	0	0	%100
55	M51C	X	-6.789	-6.789	0	%100
56	M51C	Z	3.919	3.919	0	%100
57	M53	X	-7.15	-7.15	0	%100
58	M53	Z	4.128	4.128	0	%100
59	M58A	X	-11.847	-11.847	0	%100
60	M58A	Z	6.84	6.84	0	%100
61	M59A	X	-3.342	-3.342	0	%100
62	M59A	Z	1.929	1.929	0	%100
63	M60	X	-3.342	-3.342	0	%100
64	M60	Z	1.929	1.929	0	%100
65	M61	X	-6.665	-6.665	0	%100
66	M61	Z	3.848	3.848	0	%100
67	M64	X	-3.701	-3.701	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
68	M64	Z	2.137	2.137	0	%100
69	M65	X	-14.804	-14.804	0	%100
70	M65	Z	8.547	8.547	0	%100
71	M69	X	-19.995	-19.995	0	%100
72	M69	Z	11.544	11.544	0	%100
73	M70	X	-6.789	-6.789	0	%100
74	M70	Z	3.919	3.919	0	%100
75	M72	X	-7.15	-7.15	0	%100
76	M72	Z	4.128	4.128	0	%100
77	M74	X	-19.995	-19.995	0	%100
78	M74	Z	11.544	11.544	0	%100
79	M75	X	-27.154	-27.154	0	%100
80	M75	Z	15.678	15.678	0	%100
81	M77A	X	-28.601	-28.601	0	%100
82	M77A	Z	16.513	16.513	0	%100
83	M82	X	-13.582	-13.582	0	%100
84	M82	Z	7.842	7.842	0	%100
85	MP3C	X	-12.775	-12.775	0	%100
86	MP3C	Z	7.376	7.376	0	%100
87	MP4C	X	-10.553	-10.553	0	%100
88	MP4C	Z	6.093	6.093	0	%100
89	MP2C	X	-12.775	-12.775	0	%100
90	MP2C	Z	7.376	7.376	0	%100
91	MP1C	X	-12.775	-12.775	0	%100
92	MP1C	Z	7.376	7.376	0	%100
93	M91A	X	-3.396	-3.396	0	%100
94	M91A	Z	1.96	1.96	0	%100
95	MP3B	X	-12.775	-12.775	0	%100
96	MP3B	Z	7.376	7.376	0	%100
97	MP4B	X	-10.553	-10.553	0	%100
98	MP4B	Z	6.093	6.093	0	%100
99	MP2B	X	-12.775	-12.775	0	%100
100	MP2B	Z	7.376	7.376	0	%100
101	MP1B	X	-12.775	-12.775	0	%100
102	MP1B	Z	7.376	7.376	0	%100
103	M100	X	-3.194	-3.194	0	%100
104	M100	Z	1.844	1.844	0	%100
105	M105	X	-12.775	-12.775	0	%100
106	M105	Z	7.376	7.376	0	%100
107	M110	X	-3.194	-3.194	0	%100
108	M110	Z	1.844	1.844	0	%100
109	M121	X	-14.957	-14.957	0	%100
110	M121	Z	8.635	8.635	0	%100
111	M122	X	-3.739	-3.739	0	%100
112	M122	Z	2.159	2.159	0	%100
113	M123	X	-3.739	-3.739	0	%100
114	M123	Z	2.159	2.159	0	%100
115	M124	X	-18.579	-18.579	0	%100
116	M124	Z	10.727	10.727	0	%100
117	M125	X	-11.636	-11.636	0	%100
118	M125	Z	6.718	6.718	0	%100
119	M126	X	-18.579	-18.579	0	%100
120	M126	Z	10.727	10.727	0	%100

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

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

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	-18.24	-18.24	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	MP3A	X	-14.751	-14.751	0	%100
8	MP3A	Z	0	0	0	%100
9	MP4A	X	-12.186	-12.186	0	%100
10	MP4A	Z	0	0	0	%100
11	MP2A	X	-14.751	-14.751	0	%100
12	MP2A	Z	0	0	0	%100
13	MP1A	X	-14.751	-14.751	0	%100
14	MP1A	Z	0	0	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	0	0	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	0	0	0	%100
19	M51B	X	-12.821	-12.821	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	-12.821	-12.821	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	-30.785	-30.785	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	-23.516	-23.516	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	-24.769	-24.769	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	-30.785	-30.785	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	-23.516	-23.516	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	-24.769	-24.769	0	%100
34	M91	Z	0	0	0	%100
35	M34	X	-4.56	-4.56	0	%100
36	M34	Z	0	0	0	%100
37	M35	X	-11.576	-11.576	0	%100
38	M35	Z	0	0	0	%100
39	M36	X	-11.576	-11.576	0	%100
40	M36	Z	0	0	0	%100
41	M37	X	-23.089	-23.089	0	%100
42	M37	Z	0	0	0	%100
43	M40	X	-12.821	-12.821	0	%100
44	M40	Z	0	0	0	%100
45	M41	X	0	0	0	%100
46	M41	Z	0	0	0	%100
47	M45	X	-7.696	-7.696	0	%100
48	M45	Z	0	0	0	%100
49	M46A	X	-23.516	-23.516	0	%100
50	M46A	Z	0	0	0	%100
51	M48	X	-24.769	-24.769	0	%100
52	M48	Z	0	0	0	%100
53	M50A	X	-7.696	-7.696	0	%100
54	M50A	Z	0	0	0	%100
55	M51C	X	0	0	0	%100
56	M51C	Z	0	0	0	%100
57	M53	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	M53	Z	0	0	0	%100
59	M58A	X	-4.56	-4.56	0	%100
60	M58A	Z	0	0	0	%100
61	M59A	X	-11.576	-11.576	0	%100
62	M59A	Z	0	0	0	%100
63	M60	X	-11.576	-11.576	0	%100
64	M60	Z	0	0	0	%100
65	M61	X	-23.089	-23.089	0	%100
66	M61	Z	0	0	0	%100
67	M64	X	0	0	0	%100
68	M64	Z	0	0	0	%100
69	M65	X	-12.821	-12.821	0	%100
70	M65	Z	0	0	0	%100
71	M69	X	-7.696	-7.696	0	%100
72	M69	Z	0	0	0	%100
73	M70	X	0	0	0	%100
74	M70	Z	0	0	0	%100
75	M72	X	0	0	0	%100
76	M72	Z	0	0	0	%100
77	M74	X	-7.696	-7.696	0	%100
78	M74	Z	0	0	0	%100
79	M75	X	-23.516	-23.516	0	%100
80	M75	Z	0	0	0	%100
81	M77A	X	-24.769	-24.769	0	%100
82	M77A	Z	0	0	0	%100
83	M82	X	-11.763	-11.763	0	%100
84	M82	Z	0	0	0	%100
85	MP3C	X	-14.751	-14.751	0	%100
86	MP3C	Z	0	0	0	%100
87	MP4C	X	-12.186	-12.186	0	%100
88	MP4C	Z	0	0	0	%100
89	MP2C	X	-14.751	-14.751	0	%100
90	MP2C	Z	0	0	0	%100
91	MP1C	X	-14.751	-14.751	0	%100
92	MP1C	Z	0	0	0	%100
93	M91A	X	-11.763	-11.763	0	%100
94	M91A	Z	0	0	0	%100
95	MP3B	X	-14.751	-14.751	0	%100
96	MP3B	Z	0	0	0	%100
97	MP4B	X	-12.186	-12.186	0	%100
98	MP4B	Z	0	0	0	%100
99	MP2B	X	-14.751	-14.751	0	%100
100	MP2B	Z	0	0	0	%100
101	MP1B	X	-14.751	-14.751	0	%100
102	MP1B	Z	0	0	0	%100
103	M100	X	0	0	0	%100
104	M100	Z	0	0	0	%100
105	M105	X	-11.063	-11.063	0	%100
106	M105	Z	0	0	0	%100
107	M110	X	-11.063	-11.063	0	%100
108	M110	Z	0	0	0	%100
109	M121	X	-12.953	-12.953	0	%100
110	M121	Z	0	0	0	%100
111	M122	X	-12.953	-12.953	0	%100
112	M122	Z	0	0	0	%100
113	M123	X	0	0	0	%100
114	M123	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
115	M124	X	-24.126	-24.126	0	%100
116	M124	Z	0	0	0	%100
117	M125	X	-16.108	-16.108	0	%100
118	M125	Z	0	0	0	%100
119	M126	X	-16.108	-16.108	0	%100
120	M126	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-3.396	-3.396	0	%100
2	M1	Z	-1.96	-1.96	0	%100
3	M4	X	-11.847	-11.847	0	%100
4	M4	Z	-6.84	-6.84	0	%100
5	M10	X	-3.342	-3.342	0	%100
6	M10	Z	-1.929	-1.929	0	%100
7	MP3A	X	-12.775	-12.775	0	%100
8	MP3A	Z	-7.376	-7.376	0	%100
9	MP4A	X	-10.553	-10.553	0	%100
10	MP4A	Z	-6.093	-6.093	0	%100
11	MP2A	X	-12.775	-12.775	0	%100
12	MP2A	Z	-7.376	-7.376	0	%100
13	MP1A	X	-12.775	-12.775	0	%100
14	MP1A	Z	-7.376	-7.376	0	%100
15	M43	X	-3.342	-3.342	0	%100
16	M43	Z	-1.929	-1.929	0	%100
17	M46	X	-6.665	-6.665	0	%100
18	M46	Z	-3.848	-3.848	0	%100
19	M51B	X	-3.701	-3.701	0	%100
20	M51B	Z	-2.137	-2.137	0	%100
21	M52B	X	-14.804	-14.804	0	%100
22	M52B	Z	-8.547	-8.547	0	%100
23	M76	X	-19.995	-19.995	0	%100
24	M76	Z	-11.544	-11.544	0	%100
25	M77	X	-6.789	-6.789	0	%100
26	M77	Z	-3.919	-3.919	0	%100
27	M80	X	-7.15	-7.15	0	%100
28	M80	Z	-4.128	-4.128	0	%100
29	M84	X	-19.995	-19.995	0	%100
30	M84	Z	-11.544	-11.544	0	%100
31	M85	X	-27.154	-27.154	0	%100
32	M85	Z	-15.678	-15.678	0	%100
33	M91	X	-28.601	-28.601	0	%100
34	M91	Z	-16.513	-16.513	0	%100
35	M34	X	-11.847	-11.847	0	%100
36	M34	Z	-6.84	-6.84	0	%100
37	M35	X	-3.342	-3.342	0	%100
38	M35	Z	-1.929	-1.929	0	%100
39	M36	X	-3.342	-3.342	0	%100
40	M36	Z	-1.929	-1.929	0	%100
41	M37	X	-6.665	-6.665	0	%100
42	M37	Z	-3.848	-3.848	0	%100
43	M40	X	-14.804	-14.804	0	%100
44	M40	Z	-8.547	-8.547	0	%100
45	M41	X	-3.701	-3.701	0	%100
46	M41	Z	-2.137	-2.137	0	%100
47	M45	X	-19.995	-19.995	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
48	M45	Z	-11.544	-11.544	0	%100
49	M46A	X	-27.154	-27.154	0	%100
50	M46A	Z	-15.678	-15.678	0	%100
51	M48	X	-28.601	-28.601	0	%100
52	M48	Z	-16.513	-16.513	0	%100
53	M50A	X	-19.995	-19.995	0	%100
54	M50A	Z	-11.544	-11.544	0	%100
55	M51C	X	-6.789	-6.789	0	%100
56	M51C	Z	-3.919	-3.919	0	%100
57	M53	X	-7.15	-7.15	0	%100
58	M53	Z	-4.128	-4.128	0	%100
59	M58A	X	0	0	0	%100
60	M58A	Z	0	0	0	%100
61	M59A	X	-13.366	-13.366	0	%100
62	M59A	Z	-7.717	-7.717	0	%100
63	M60	X	-13.366	-13.366	0	%100
64	M60	Z	-7.717	-7.717	0	%100
65	M61	X	-26.661	-26.661	0	%100
66	M61	Z	-15.393	-15.393	0	%100
67	M64	X	-3.701	-3.701	0	%100
68	M64	Z	-2.137	-2.137	0	%100
69	M65	X	-3.701	-3.701	0	%100
70	M65	Z	-2.137	-2.137	0	%100
71	M69	X	0	0	0	%100
72	M69	Z	0	0	0	%100
73	M70	X	-6.789	-6.789	0	%100
74	M70	Z	-3.919	-3.919	0	%100
75	M72	X	-7.15	-7.15	0	%100
76	M72	Z	-4.128	-4.128	0	%100
77	M74	X	0	0	0	%100
78	M74	Z	0	0	0	%100
79	M75	X	-6.789	-6.789	0	%100
80	M75	Z	-3.919	-3.919	0	%100
81	M77A	X	-7.15	-7.15	0	%100
82	M77A	Z	-4.128	-4.128	0	%100
83	M82	X	-3.396	-3.396	0	%100
84	M82	Z	-1.96	-1.96	0	%100
85	MP3C	X	-12.775	-12.775	0	%100
86	MP3C	Z	-7.376	-7.376	0	%100
87	MP4C	X	-10.553	-10.553	0	%100
88	MP4C	Z	-6.093	-6.093	0	%100
89	MP2C	X	-12.775	-12.775	0	%100
90	MP2C	Z	-7.376	-7.376	0	%100
91	MP1C	X	-12.775	-12.775	0	%100
92	MP1C	Z	-7.376	-7.376	0	%100
93	M91A	X	-13.582	-13.582	0	%100
94	M91A	Z	-7.842	-7.842	0	%100
95	MP3B	X	-12.775	-12.775	0	%100
96	MP3B	Z	-7.376	-7.376	0	%100
97	MP4B	X	-10.553	-10.553	0	%100
98	MP4B	Z	-6.093	-6.093	0	%100
99	MP2B	X	-12.775	-12.775	0	%100
100	MP2B	Z	-7.376	-7.376	0	%100
101	MP1B	X	-12.775	-12.775	0	%100
102	MP1B	Z	-7.376	-7.376	0	%100
103	M100	X	-3.194	-3.194	0	%100
104	M100	Z	-1.844	-1.844	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
105	M105	X	-3.194	-3.194	0	%100
106	M105	Z	-1.844	-1.844	0	%100
107	M110	X	-12.775	-12.775	0	%100
108	M110	Z	-7.376	-7.376	0	%100
109	M121	X	-3.739	-3.739	0	%100
110	M121	Z	-2.159	-2.159	0	%100
111	M122	X	-14.957	-14.957	0	%100
112	M122	Z	-8.635	-8.635	0	%100
113	M123	X	-3.739	-3.739	0	%100
114	M123	Z	-2.159	-2.159	0	%100
115	M124	X	-18.579	-18.579	0	%100
116	M124	Z	-10.727	-10.727	0	%100
117	M125	X	-18.579	-18.579	0	%100
118	M125	Z	-10.727	-10.727	0	%100
119	M126	X	-11.636	-11.636	0	%100
120	M126	Z	-6.718	-6.718	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-5.881	-5.881	0	%100
2	M1	Z	-10.187	-10.187	0	%100
3	M4	X	-2.28	-2.28	0	%100
4	M4	Z	-3.949	-3.949	0	%100
5	M10	X	-5.788	-5.788	0	%100
6	M10	Z	-10.025	-10.025	0	%100
7	MP3A	X	-7.376	-7.376	0	%100
8	MP3A	Z	-12.775	-12.775	0	%100
9	MP4A	X	-6.093	-6.093	0	%100
10	MP4A	Z	-10.553	-10.553	0	%100
11	MP2A	X	-7.376	-7.376	0	%100
12	MP2A	Z	-12.775	-12.775	0	%100
13	MP1A	X	-7.376	-7.376	0	%100
14	MP1A	Z	-12.775	-12.775	0	%100
15	M43	X	-5.788	-5.788	0	%100
16	M43	Z	-10.025	-10.025	0	%100
17	M46	X	-11.544	-11.544	0	%100
18	M46	Z	-19.995	-19.995	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	-6.41	-6.41	0	%100
22	M52B	Z	-11.103	-11.103	0	%100
23	M76	X	-3.848	-3.848	0	%100
24	M76	Z	-6.665	-6.665	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	-3.848	-3.848	0	%100
30	M84	Z	-6.665	-6.665	0	%100
31	M85	X	-11.758	-11.758	0	%100
32	M85	Z	-20.366	-20.366	0	%100
33	M91	X	-12.385	-12.385	0	%100
34	M91	Z	-21.451	-21.451	0	%100
35	M34	X	-9.12	-9.12	0	%100
36	M34	Z	-15.796	-15.796	0	%100
37	M35	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
38	M35	Z	0	0	0	%100
39	M36	X	0	0	0	%100
40	M36	Z	0	0	0	%100
41	M37	X	0	0	0	%100
42	M37	Z	0	0	0	%100
43	M40	X	-6.41	-6.41	0	%100
44	M40	Z	-11.103	-11.103	0	%100
45	M41	X	-6.41	-6.41	0	%100
46	M41	Z	-11.103	-11.103	0	%100
47	M45	X	-15.393	-15.393	0	%100
48	M45	Z	-26.661	-26.661	0	%100
49	M46A	X	-11.758	-11.758	0	%100
50	M46A	Z	-20.366	-20.366	0	%100
51	M48	X	-12.385	-12.385	0	%100
52	M48	Z	-21.451	-21.451	0	%100
53	M50A	X	-15.393	-15.393	0	%100
54	M50A	Z	-26.661	-26.661	0	%100
55	M51C	X	-11.758	-11.758	0	%100
56	M51C	Z	-20.366	-20.366	0	%100
57	M53	X	-12.385	-12.385	0	%100
58	M53	Z	-21.451	-21.451	0	%100
59	M58A	X	-2.28	-2.28	0	%100
60	M58A	Z	-3.949	-3.949	0	%100
61	M59A	X	-5.788	-5.788	0	%100
62	M59A	Z	-10.025	-10.025	0	%100
63	M60	X	-5.788	-5.788	0	%100
64	M60	Z	-10.025	-10.025	0	%100
65	M61	X	-11.544	-11.544	0	%100
66	M61	Z	-19.995	-19.995	0	%100
67	M64	X	-6.41	-6.41	0	%100
68	M64	Z	-11.103	-11.103	0	%100
69	M65	X	0	0	0	%100
70	M65	Z	0	0	0	%100
71	M69	X	-3.848	-3.848	0	%100
72	M69	Z	-6.665	-6.665	0	%100
73	M70	X	-11.758	-11.758	0	%100
74	M70	Z	-20.366	-20.366	0	%100
75	M72	X	-12.385	-12.385	0	%100
76	M72	Z	-21.451	-21.451	0	%100
77	M74	X	-3.848	-3.848	0	%100
78	M74	Z	-6.665	-6.665	0	%100
79	M75	X	0	0	0	%100
80	M75	Z	0	0	0	%100
81	M77A	X	0	0	0	%100
82	M77A	Z	0	0	0	%100
83	M82	X	0	0	0	%100
84	M82	Z	0	0	0	%100
85	MP3C	X	-7.376	-7.376	0	%100
86	MP3C	Z	-12.775	-12.775	0	%100
87	MP4C	X	-6.093	-6.093	0	%100
88	MP4C	Z	-10.553	-10.553	0	%100
89	MP2C	X	-7.376	-7.376	0	%100
90	MP2C	Z	-12.775	-12.775	0	%100
91	MP1C	X	-7.376	-7.376	0	%100
92	MP1C	Z	-12.775	-12.775	0	%100
93	M91A	X	-5.881	-5.881	0	%100
94	M91A	Z	-10.187	-10.187	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
95	MP3B	X	-7.376	-7.376	0	%100
96	MP3B	Z	-12.775	-12.775	0	%100
97	MP4B	X	-6.093	-6.093	0	%100
98	MP4B	Z	-10.553	-10.553	0	%100
99	MP2B	X	-7.376	-7.376	0	%100
100	MP2B	Z	-12.775	-12.775	0	%100
101	MP1B	X	-7.376	-7.376	0	%100
102	MP1B	Z	-12.775	-12.775	0	%100
103	M100	X	-5.532	-5.532	0	%100
104	M100	Z	-9.581	-9.581	0	%100
105	M105	X	0	0	0	%100
106	M105	Z	0	0	0	%100
107	M110	X	-5.532	-5.532	0	%100
108	M110	Z	-9.581	-9.581	0	%100
109	M121	X	0	0	0	%100
110	M121	Z	0	0	0	%100
111	M122	X	-6.477	-6.477	0	%100
112	M122	Z	-11.218	-11.218	0	%100
113	M123	X	-6.477	-6.477	0	%100
114	M123	Z	-11.218	-11.218	0	%100
115	M124	X	-8.054	-8.054	0	%100
116	M124	Z	-13.95	-13.95	0	%100
117	M125	X	-12.063	-12.063	0	%100
118	M125	Z	-20.894	-20.894	0	%100
119	M126	X	-8.054	-8.054	0	%100
120	M126	Z	-13.95	-13.95	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	-4.431	-4.431	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	-3.637	-3.637	0	%100
7	MP3A	X	0	0	0	%100
8	MP3A	Z	-3.956	-3.956	0	%100
9	MP4A	X	0	0	0	%100
10	MP4A	Z	-3.577	-3.577	0	%100
11	MP2A	X	0	0	0	%100
12	MP2A	Z	-3.956	-3.956	0	%100
13	MP1A	X	0	0	0	%100
14	MP1A	Z	-3.956	-3.956	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	-3.637	-3.637	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	-5.681	-5.681	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	-1.046	-1.046	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	-1.046	-1.046	0	%100
23	M76	X	0	0	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	-1.418	-1.418	0	%100
27	M80	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
28	M80	Z	-1.48	-1.48	0	%100
29	M84	X	0	0	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	-1.418	-1.418	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	-1.48	-1.48	0	%100
35	M34	X	0	0	0	%100
36	M34	Z	-3.354	-3.354	0	%100
37	M35	X	0	0	0	%100
38	M35	Z	-.909	-.909	0	%100
39	M36	X	0	0	0	%100
40	M36	Z	-.909	-.909	0	%100
41	M37	X	0	0	0	%100
42	M37	Z	-1.42	-1.42	0	%100
43	M40	X	0	0	0	%100
44	M40	Z	-1.046	-1.046	0	%100
45	M41	X	0	0	0	%100
46	M41	Z	-4.184	-4.184	0	%100
47	M45	X	0	0	0	%100
48	M45	Z	-4.192	-4.192	0	%100
49	M46A	X	0	0	0	%100
50	M46A	Z	-1.418	-1.418	0	%100
51	M48	X	0	0	0	%100
52	M48	Z	-1.48	-1.48	0	%100
53	M50A	X	0	0	0	%100
54	M50A	Z	-4.192	-4.192	0	%100
55	M51C	X	0	0	0	%100
56	M51C	Z	-5.673	-5.673	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	-5.92	-5.92	0	%100
59	M58A	X	0	0	0	%100
60	M58A	Z	-3.354	-3.354	0	%100
61	M59A	X	0	0	0	%100
62	M59A	Z	-.909	-.909	0	%100
63	M60	X	0	0	0	%100
64	M60	Z	-.909	-.909	0	%100
65	M61	X	0	0	0	%100
66	M61	Z	-1.42	-1.42	0	%100
67	M64	X	0	0	0	%100
68	M64	Z	-4.184	-4.184	0	%100
69	M65	X	0	0	0	%100
70	M65	Z	-1.046	-1.046	0	%100
71	M69	X	0	0	0	%100
72	M69	Z	-4.192	-4.192	0	%100
73	M70	X	0	0	0	%100
74	M70	Z	-5.673	-5.673	0	%100
75	M72	X	0	0	0	%100
76	M72	Z	-5.92	-5.92	0	%100
77	M74	X	0	0	0	%100
78	M74	Z	-4.192	-4.192	0	%100
79	M75	X	0	0	0	%100
80	M75	Z	-1.418	-1.418	0	%100
81	M77A	X	0	0	0	%100
82	M77A	Z	-1.48	-1.48	0	%100
83	M82	X	0	0	0	%100
84	M82	Z	-1.108	-1.108	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
85	MP3C	X	0	0	0	%100
86	MP3C	Z	-3.956	-3.956	0	%100
87	MP4C	X	0	0	0	%100
88	MP4C	Z	-3.577	-3.577	0	%100
89	MP2C	X	0	0	0	%100
90	MP2C	Z	-3.956	-3.956	0	%100
91	MP1C	X	0	0	0	%100
92	MP1C	Z	-3.956	-3.956	0	%100
93	M91A	X	0	0	0	%100
94	M91A	Z	-1.108	-1.108	0	%100
95	MP3B	X	0	0	0	%100
96	MP3B	Z	-3.956	-3.956	0	%100
97	MP4B	X	0	0	0	%100
98	MP4B	Z	-3.577	-3.577	0	%100
99	MP2B	X	0	0	0	%100
100	MP2B	Z	-3.956	-3.956	0	%100
101	MP1B	X	0	0	0	%100
102	MP1B	Z	-3.956	-3.956	0	%100
103	M100	X	0	0	0	%100
104	M100	Z	-3.956	-3.956	0	%100
105	M105	X	0	0	0	%100
106	M105	Z	-.989	-.989	0	%100
107	M110	X	0	0	0	%100
108	M110	Z	-.989	-.989	0	%100
109	M121	X	0	0	0	%100
110	M121	Z	-.938	-.938	0	%100
111	M122	X	0	0	0	%100
112	M122	Z	-.938	-.938	0	%100
113	M123	X	0	0	0	%100
114	M123	Z	-3.752	-3.752	0	%100
115	M124	X	0	0	0	%100
116	M124	Z	-2.544	-2.544	0	%100
117	M125	X	0	0	0	%100
118	M125	Z	-4.643	-4.643	0	%100
119	M126	X	0	0	0	%100
120	M126	Z	-4.643	-4.643	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	1.662	1.662	0	%100
2	M1	Z	-2.878	-2.878	0	%100
3	M4	X	.559	.559	0	%100
4	M4	Z	-.968	-.968	0	%100
5	M10	X	1.364	1.364	0	%100
6	M10	Z	-2.362	-2.362	0	%100
7	MP3A	X	1.978	1.978	0	%100
8	MP3A	Z	-3.426	-3.426	0	%100
9	MP4A	X	1.788	1.788	0	%100
10	MP4A	Z	-3.098	-3.098	0	%100
11	MP2A	X	1.978	1.978	0	%100
12	MP2A	Z	-3.426	-3.426	0	%100
13	MP1A	X	1.978	1.978	0	%100
14	MP1A	Z	-3.426	-3.426	0	%100
15	M43	X	1.364	1.364	0	%100
16	M43	Z	-2.362	-2.362	0	%100
17	M46	X	2.13	2.13	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
18	M46	Z	-3.69	-3.69	0	%100
19	M51B	X	1.569	1.569	0	%100
20	M51B	Z	-2.717	-2.717	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	.699	.699	0	%100
24	M76	Z	-1.21	-1.21	0	%100
25	M77	X	2.127	2.127	0	%100
26	M77	Z	-3.685	-3.685	0	%100
27	M80	X	2.22	2.22	0	%100
28	M80	Z	-3.845	-3.845	0	%100
29	M84	X	.699	.699	0	%100
30	M84	Z	-1.21	-1.21	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	0	0	0	%100
35	M34	X	.559	.559	0	%100
36	M34	Z	-.968	-.968	0	%100
37	M35	X	1.364	1.364	0	%100
38	M35	Z	-2.362	-2.362	0	%100
39	M36	X	1.364	1.364	0	%100
40	M36	Z	-2.362	-2.362	0	%100
41	M37	X	2.13	2.13	0	%100
42	M37	Z	-3.69	-3.69	0	%100
43	M40	X	0	0	0	%100
44	M40	Z	0	0	0	%100
45	M41	X	1.569	1.569	0	%100
46	M41	Z	-2.717	-2.717	0	%100
47	M45	X	.699	.699	0	%100
48	M45	Z	-1.21	-1.21	0	%100
49	M46A	X	0	0	0	%100
50	M46A	Z	0	0	0	%100
51	M48	X	0	0	0	%100
52	M48	Z	0	0	0	%100
53	M50A	X	.699	.699	0	%100
54	M50A	Z	-1.21	-1.21	0	%100
55	M51C	X	2.127	2.127	0	%100
56	M51C	Z	-3.685	-3.685	0	%100
57	M53	X	2.22	2.22	0	%100
58	M53	Z	-3.845	-3.845	0	%100
59	M58A	X	2.236	2.236	0	%100
60	M58A	Z	-3.873	-3.873	0	%100
61	M59A	X	0	0	0	%100
62	M59A	Z	0	0	0	%100
63	M60	X	0	0	0	%100
64	M60	Z	0	0	0	%100
65	M61	X	0	0	0	%100
66	M61	Z	0	0	0	%100
67	M64	X	1.569	1.569	0	%100
68	M64	Z	-2.717	-2.717	0	%100
69	M65	X	1.569	1.569	0	%100
70	M65	Z	-2.717	-2.717	0	%100
71	M69	X	2.794	2.794	0	%100
72	M69	Z	-4.84	-4.84	0	%100
73	M70	X	2.127	2.127	0	%100
74	M70	Z	-3.685	-3.685	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
75	M72	X	2.22	2.22	0	%100
76	M72	Z	-3.845	-3.845	0	%100
77	M74	X	2.794	2.794	0	%100
78	M74	Z	-4.84	-4.84	0	%100
79	M75	X	2.127	2.127	0	%100
80	M75	Z	-3.685	-3.685	0	%100
81	M77A	X	2.22	2.22	0	%100
82	M77A	Z	-3.845	-3.845	0	%100
83	M82	X	1.662	1.662	0	%100
84	M82	Z	-2.878	-2.878	0	%100
85	MP3C	X	1.978	1.978	0	%100
86	MP3C	Z	-3.426	-3.426	0	%100
87	MP4C	X	1.788	1.788	0	%100
88	MP4C	Z	-3.098	-3.098	0	%100
89	MP2C	X	1.978	1.978	0	%100
90	MP2C	Z	-3.426	-3.426	0	%100
91	MP1C	X	1.978	1.978	0	%100
92	MP1C	Z	-3.426	-3.426	0	%100
93	M91A	X	0	0	0	%100
94	M91A	Z	0	0	0	%100
95	MP3B	X	1.978	1.978	0	%100
96	MP3B	Z	-3.426	-3.426	0	%100
97	MP4B	X	1.788	1.788	0	%100
98	MP4B	Z	-3.098	-3.098	0	%100
99	MP2B	X	1.978	1.978	0	%100
100	MP2B	Z	-3.426	-3.426	0	%100
101	MP1B	X	1.978	1.978	0	%100
102	MP1B	Z	-3.426	-3.426	0	%100
103	M100	X	1.484	1.484	0	%100
104	M100	Z	-2.57	-2.57	0	%100
105	M105	X	1.484	1.484	0	%100
106	M105	Z	-2.57	-2.57	0	%100
107	M110	X	0	0	0	%100
108	M110	Z	0	0	0	%100
109	M121	X	1.407	1.407	0	%100
110	M121	Z	-2.437	-2.437	0	%100
111	M122	X	0	0	0	%100
112	M122	Z	0	0	0	%100
113	M123	X	1.407	1.407	0	%100
114	M123	Z	-2.437	-2.437	0	%100
115	M124	X	1.622	1.622	0	%100
116	M124	Z	-2.809	-2.809	0	%100
117	M125	X	1.622	1.622	0	%100
118	M125	Z	-2.809	-2.809	0	%100
119	M126	X	2.672	2.672	0	%100
120	M126	Z	-4.627	-4.627	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.959	.959	0	%100
2	M1	Z	-.554	-.554	0	%100
3	M4	X	2.905	2.905	0	%100
4	M4	Z	-1.677	-1.677	0	%100
5	M10	X	.787	.787	0	%100
6	M10	Z	-.455	-.455	0	%100
7	MP3A	X	3.426	3.426	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
8	MP3A	Z	-1.978	-1.978	0	%100
9	MP4A	X	3.098	3.098	0	%100
10	MP4A	Z	-1.788	-1.788	0	%100
11	MP2A	X	3.426	3.426	0	%100
12	MP2A	Z	-1.978	-1.978	0	%100
13	MP1A	X	3.426	3.426	0	%100
14	MP1A	Z	-1.978	-1.978	0	%100
15	M43	X	.787	.787	0	%100
16	M43	Z	-.455	-.455	0	%100
17	M46	X	1.23	1.23	0	%100
18	M46	Z	-.71	-.71	0	%100
19	M51B	X	3.623	3.623	0	%100
20	M51B	Z	-2.092	-2.092	0	%100
21	M52B	X	.906	.906	0	%100
22	M52B	Z	-.523	-.523	0	%100
23	M76	X	3.63	3.63	0	%100
24	M76	Z	-2.096	-2.096	0	%100
25	M77	X	4.913	4.913	0	%100
26	M77	Z	-2.837	-2.837	0	%100
27	M80	X	5.127	5.127	0	%100
28	M80	Z	-2.96	-2.96	0	%100
29	M84	X	3.63	3.63	0	%100
30	M84	Z	-2.096	-2.096	0	%100
31	M85	X	1.228	1.228	0	%100
32	M85	Z	-.709	-.709	0	%100
33	M91	X	1.282	1.282	0	%100
34	M91	Z	-.74	-.74	0	%100
35	M34	X	0	0	0	%100
36	M34	Z	0	0	0	%100
37	M35	X	3.149	3.149	0	%100
38	M35	Z	-1.818	-1.818	0	%100
39	M36	X	3.149	3.149	0	%100
40	M36	Z	-1.818	-1.818	0	%100
41	M37	X	4.92	4.92	0	%100
42	M37	Z	-2.84	-2.84	0	%100
43	M40	X	.906	.906	0	%100
44	M40	Z	-.523	-.523	0	%100
45	M41	X	.906	.906	0	%100
46	M41	Z	-.523	-.523	0	%100
47	M45	X	0	0	0	%100
48	M45	Z	0	0	0	%100
49	M46A	X	1.228	1.228	0	%100
50	M46A	Z	-.709	-.709	0	%100
51	M48	X	1.282	1.282	0	%100
52	M48	Z	-.74	-.74	0	%100
53	M50A	X	0	0	0	%100
54	M50A	Z	0	0	0	%100
55	M51C	X	1.228	1.228	0	%100
56	M51C	Z	-.709	-.709	0	%100
57	M53	X	1.282	1.282	0	%100
58	M53	Z	-.74	-.74	0	%100
59	M58A	X	2.905	2.905	0	%100
60	M58A	Z	-1.677	-1.677	0	%100
61	M59A	X	.787	.787	0	%100
62	M59A	Z	-.455	-.455	0	%100
63	M60	X	.787	.787	0	%100
64	M60	Z	-.455	-.455	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
65	M61	X	1.23	1.23	0	%100
66	M61	Z	-.71	-.71	0	%100
67	M64	X	.906	.906	0	%100
68	M64	Z	-.523	-.523	0	%100
69	M65	X	3.623	3.623	0	%100
70	M65	Z	-2.092	-2.092	0	%100
71	M69	X	3.63	3.63	0	%100
72	M69	Z	-2.096	-2.096	0	%100
73	M70	X	1.228	1.228	0	%100
74	M70	Z	-.709	-.709	0	%100
75	M72	X	1.282	1.282	0	%100
76	M72	Z	-.74	-.74	0	%100
77	M74	X	3.63	3.63	0	%100
78	M74	Z	-2.096	-2.096	0	%100
79	M75	X	4.913	4.913	0	%100
80	M75	Z	-2.837	-2.837	0	%100
81	M77A	X	5.127	5.127	0	%100
82	M77A	Z	-2.96	-2.96	0	%100
83	M82	X	3.837	3.837	0	%100
84	M82	Z	-2.215	-2.215	0	%100
85	MP3C	X	3.426	3.426	0	%100
86	MP3C	Z	-1.978	-1.978	0	%100
87	MP4C	X	3.098	3.098	0	%100
88	MP4C	Z	-1.788	-1.788	0	%100
89	MP2C	X	3.426	3.426	0	%100
90	MP2C	Z	-1.978	-1.978	0	%100
91	MP1C	X	3.426	3.426	0	%100
92	MP1C	Z	-1.978	-1.978	0	%100
93	M91A	X	.959	.959	0	%100
94	M91A	Z	-.554	-.554	0	%100
95	MP3B	X	3.426	3.426	0	%100
96	MP3B	Z	-1.978	-1.978	0	%100
97	MP4B	X	3.098	3.098	0	%100
98	MP4B	Z	-1.788	-1.788	0	%100
99	MP2B	X	3.426	3.426	0	%100
100	MP2B	Z	-1.978	-1.978	0	%100
101	MP1B	X	3.426	3.426	0	%100
102	MP1B	Z	-1.978	-1.978	0	%100
103	M100	X	.857	.857	0	%100
104	M100	Z	-.495	-.495	0	%100
105	M105	X	3.426	3.426	0	%100
106	M105	Z	-1.978	-1.978	0	%100
107	M110	X	.857	.857	0	%100
108	M110	Z	-.495	-.495	0	%100
109	M121	X	3.249	3.249	0	%100
110	M121	Z	-1.876	-1.876	0	%100
111	M122	X	.812	.812	0	%100
112	M122	Z	-.469	-.469	0	%100
113	M123	X	.812	.812	0	%100
114	M123	Z	-.469	-.469	0	%100
115	M124	X	4.021	4.021	0	%100
116	M124	Z	-2.322	-2.322	0	%100
117	M125	X	2.203	2.203	0	%100
118	M125	Z	-1.272	-1.272	0	%100
119	M126	X	4.021	4.021	0	%100
120	M126	Z	-2.322	-2.322	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	4.472	4.472	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	MP3A	X	3.956	3.956	0	%100
8	MP3A	Z	0	0	0	%100
9	MP4A	X	3.577	3.577	0	%100
10	MP4A	Z	0	0	0	%100
11	MP2A	X	3.956	3.956	0	%100
12	MP2A	Z	0	0	0	%100
13	MP1A	X	3.956	3.956	0	%100
14	MP1A	Z	0	0	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	0	0	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	0	0	0	%100
19	M51B	X	3.138	3.138	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	3.138	3.138	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	5.589	5.589	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	4.255	4.255	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	4.44	4.44	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	5.589	5.589	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	4.255	4.255	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	4.44	4.44	0	%100
34	M91	Z	0	0	0	%100
35	M34	X	1.118	1.118	0	%100
36	M34	Z	0	0	0	%100
37	M35	X	2.727	2.727	0	%100
38	M35	Z	0	0	0	%100
39	M36	X	2.727	2.727	0	%100
40	M36	Z	0	0	0	%100
41	M37	X	4.261	4.261	0	%100
42	M37	Z	0	0	0	%100
43	M40	X	3.138	3.138	0	%100
44	M40	Z	0	0	0	%100
45	M41	X	0	0	0	%100
46	M41	Z	0	0	0	%100
47	M45	X	1.397	1.397	0	%100
48	M45	Z	0	0	0	%100
49	M46A	X	4.255	4.255	0	%100
50	M46A	Z	0	0	0	%100
51	M48	X	4.44	4.44	0	%100
52	M48	Z	0	0	0	%100
53	M50A	X	1.397	1.397	0	%100
54	M50A	Z	0	0	0	%100
55	M51C	X	0	0	0	%100
56	M51C	Z	0	0	0	%100
57	M53	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	M53	Z	0	0	0	%100
59	M58A	X	1.118	1.118	0	%100
60	M58A	Z	0	0	0	%100
61	M59A	X	2.727	2.727	0	%100
62	M59A	Z	0	0	0	%100
63	M60	X	2.727	2.727	0	%100
64	M60	Z	0	0	0	%100
65	M61	X	4.261	4.261	0	%100
66	M61	Z	0	0	0	%100
67	M64	X	0	0	0	%100
68	M64	Z	0	0	0	%100
69	M65	X	3.138	3.138	0	%100
70	M65	Z	0	0	0	%100
71	M69	X	1.397	1.397	0	%100
72	M69	Z	0	0	0	%100
73	M70	X	0	0	0	%100
74	M70	Z	0	0	0	%100
75	M72	X	0	0	0	%100
76	M72	Z	0	0	0	%100
77	M74	X	1.397	1.397	0	%100
78	M74	Z	0	0	0	%100
79	M75	X	4.255	4.255	0	%100
80	M75	Z	0	0	0	%100
81	M77A	X	4.44	4.44	0	%100
82	M77A	Z	0	0	0	%100
83	M82	X	3.323	3.323	0	%100
84	M82	Z	0	0	0	%100
85	MP3C	X	3.956	3.956	0	%100
86	MP3C	Z	0	0	0	%100
87	MP4C	X	3.577	3.577	0	%100
88	MP4C	Z	0	0	0	%100
89	MP2C	X	3.956	3.956	0	%100
90	MP2C	Z	0	0	0	%100
91	MP1C	X	3.956	3.956	0	%100
92	MP1C	Z	0	0	0	%100
93	M91A	X	3.323	3.323	0	%100
94	M91A	Z	0	0	0	%100
95	MP3B	X	3.956	3.956	0	%100
96	MP3B	Z	0	0	0	%100
97	MP4B	X	3.577	3.577	0	%100
98	MP4B	Z	0	0	0	%100
99	MP2B	X	3.956	3.956	0	%100
100	MP2B	Z	0	0	0	%100
101	MP1B	X	3.956	3.956	0	%100
102	MP1B	Z	0	0	0	%100
103	M100	X	0	0	0	%100
104	M100	Z	0	0	0	%100
105	M105	X	2.967	2.967	0	%100
106	M105	Z	0	0	0	%100
107	M110	X	2.967	2.967	0	%100
108	M110	Z	0	0	0	%100
109	M121	X	2.814	2.814	0	%100
110	M121	Z	0	0	0	%100
111	M122	X	2.814	2.814	0	%100
112	M122	Z	0	0	0	%100
113	M123	X	0	0	0	%100
114	M123	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
115	M124	X	5.343	5.343	0	%100
116	M124	Z	0	0	0	%100
117	M125	X	3.244	3.244	0	%100
118	M125	Z	0	0	0	%100
119	M126	X	3.244	3.244	0	%100
120	M126	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.959	.959	0	%100
2	M1	Z	.554	.554	0	%100
3	M4	X	2.905	2.905	0	%100
4	M4	Z	1.677	1.677	0	%100
5	M10	X	.787	.787	0	%100
6	M10	Z	.455	.455	0	%100
7	MP3A	X	3.426	3.426	0	%100
8	MP3A	Z	1.978	1.978	0	%100
9	MP4A	X	3.098	3.098	0	%100
10	MP4A	Z	1.788	1.788	0	%100
11	MP2A	X	3.426	3.426	0	%100
12	MP2A	Z	1.978	1.978	0	%100
13	MP1A	X	3.426	3.426	0	%100
14	MP1A	Z	1.978	1.978	0	%100
15	M43	X	.787	.787	0	%100
16	M43	Z	.455	.455	0	%100
17	M46	X	1.23	1.23	0	%100
18	M46	Z	.71	.71	0	%100
19	M51B	X	.906	.906	0	%100
20	M51B	Z	.523	.523	0	%100
21	M52B	X	3.623	3.623	0	%100
22	M52B	Z	2.092	2.092	0	%100
23	M76	X	3.63	3.63	0	%100
24	M76	Z	2.096	2.096	0	%100
25	M77	X	1.228	1.228	0	%100
26	M77	Z	.709	.709	0	%100
27	M80	X	1.282	1.282	0	%100
28	M80	Z	.74	.74	0	%100
29	M84	X	3.63	3.63	0	%100
30	M84	Z	2.096	2.096	0	%100
31	M85	X	4.913	4.913	0	%100
32	M85	Z	2.837	2.837	0	%100
33	M91	X	5.127	5.127	0	%100
34	M91	Z	2.96	2.96	0	%100
35	M34	X	2.905	2.905	0	%100
36	M34	Z	1.677	1.677	0	%100
37	M35	X	.787	.787	0	%100
38	M35	Z	.455	.455	0	%100
39	M36	X	.787	.787	0	%100
40	M36	Z	.455	.455	0	%100
41	M37	X	1.23	1.23	0	%100
42	M37	Z	.71	.71	0	%100
43	M40	X	3.623	3.623	0	%100
44	M40	Z	2.092	2.092	0	%100
45	M41	X	.906	.906	0	%100
46	M41	Z	.523	.523	0	%100
47	M45	X	3.63	3.63	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
48	M45	Z	2.096	2.096	0	%100
49	M46A	X	4.913	4.913	0	%100
50	M46A	Z	2.837	2.837	0	%100
51	M48	X	5.127	5.127	0	%100
52	M48	Z	2.96	2.96	0	%100
53	M50A	X	3.63	3.63	0	%100
54	M50A	Z	2.096	2.096	0	%100
55	M51C	X	1.228	1.228	0	%100
56	M51C	Z	.709	.709	0	%100
57	M53	X	1.282	1.282	0	%100
58	M53	Z	.74	.74	0	%100
59	M58A	X	0	0	0	%100
60	M58A	Z	0	0	0	%100
61	M59A	X	3.149	3.149	0	%100
62	M59A	Z	1.818	1.818	0	%100
63	M60	X	3.149	3.149	0	%100
64	M60	Z	1.818	1.818	0	%100
65	M61	X	4.92	4.92	0	%100
66	M61	Z	2.84	2.84	0	%100
67	M64	X	.906	.906	0	%100
68	M64	Z	.523	.523	0	%100
69	M65	X	.906	.906	0	%100
70	M65	Z	.523	.523	0	%100
71	M69	X	0	0	0	%100
72	M69	Z	0	0	0	%100
73	M70	X	1.228	1.228	0	%100
74	M70	Z	.709	.709	0	%100
75	M72	X	1.282	1.282	0	%100
76	M72	Z	.74	.74	0	%100
77	M74	X	0	0	0	%100
78	M74	Z	0	0	0	%100
79	M75	X	1.228	1.228	0	%100
80	M75	Z	.709	.709	0	%100
81	M77A	X	1.282	1.282	0	%100
82	M77A	Z	.74	.74	0	%100
83	M82	X	.959	.959	0	%100
84	M82	Z	.554	.554	0	%100
85	MP3C	X	3.426	3.426	0	%100
86	MP3C	Z	1.978	1.978	0	%100
87	MP4C	X	3.098	3.098	0	%100
88	MP4C	Z	1.788	1.788	0	%100
89	MP2C	X	3.426	3.426	0	%100
90	MP2C	Z	1.978	1.978	0	%100
91	MP1C	X	3.426	3.426	0	%100
92	MP1C	Z	1.978	1.978	0	%100
93	M91A	X	3.837	3.837	0	%100
94	M91A	Z	2.215	2.215	0	%100
95	MP3B	X	3.426	3.426	0	%100
96	MP3B	Z	1.978	1.978	0	%100
97	MP4B	X	3.098	3.098	0	%100
98	MP4B	Z	1.788	1.788	0	%100
99	MP2B	X	3.426	3.426	0	%100
100	MP2B	Z	1.978	1.978	0	%100
101	MP1B	X	3.426	3.426	0	%100
102	MP1B	Z	1.978	1.978	0	%100
103	M100	X	.857	.857	0	%100
104	M100	Z	.495	.495	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
105	M105	X	.857	.857	0	%100
106	M105	Z	.495	.495	0	%100
107	M110	X	3.426	3.426	0	%100
108	M110	Z	1.978	1.978	0	%100
109	M121	X	.812	.812	0	%100
110	M121	Z	.469	.469	0	%100
111	M122	X	3.249	3.249	0	%100
112	M122	Z	1.876	1.876	0	%100
113	M123	X	.812	.812	0	%100
114	M123	Z	.469	.469	0	%100
115	M124	X	4.021	4.021	0	%100
116	M124	Z	2.322	2.322	0	%100
117	M125	X	4.021	4.021	0	%100
118	M125	Z	2.322	2.322	0	%100
119	M126	X	2.203	2.203	0	%100
120	M126	Z	1.272	1.272	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	1.662	1.662	0	%100
2	M1	Z	2.878	2.878	0	%100
3	M4	X	.559	.559	0	%100
4	M4	Z	.968	.968	0	%100
5	M10	X	1.364	1.364	0	%100
6	M10	Z	2.362	2.362	0	%100
7	MP3A	X	1.978	1.978	0	%100
8	MP3A	Z	3.426	3.426	0	%100
9	MP4A	X	1.788	1.788	0	%100
10	MP4A	Z	3.098	3.098	0	%100
11	MP2A	X	1.978	1.978	0	%100
12	MP2A	Z	3.426	3.426	0	%100
13	MP1A	X	1.978	1.978	0	%100
14	MP1A	Z	3.426	3.426	0	%100
15	M43	X	1.364	1.364	0	%100
16	M43	Z	2.362	2.362	0	%100
17	M46	X	2.13	2.13	0	%100
18	M46	Z	3.69	3.69	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	1.569	1.569	0	%100
22	M52B	Z	2.717	2.717	0	%100
23	M76	X	.699	.699	0	%100
24	M76	Z	1.21	1.21	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	.699	.699	0	%100
30	M84	Z	1.21	1.21	0	%100
31	M85	X	2.127	2.127	0	%100
32	M85	Z	3.685	3.685	0	%100
33	M91	X	2.22	2.22	0	%100
34	M91	Z	3.845	3.845	0	%100
35	M34	X	2.236	2.236	0	%100
36	M34	Z	3.873	3.873	0	%100
37	M35	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
38	M35	Z	0	0	0	%100
39	M36	X	0	0	0	%100
40	M36	Z	0	0	0	%100
41	M37	X	0	0	0	%100
42	M37	Z	0	0	0	%100
43	M40	X	1.569	1.569	0	%100
44	M40	Z	2.717	2.717	0	%100
45	M41	X	1.569	1.569	0	%100
46	M41	Z	2.717	2.717	0	%100
47	M45	X	2.794	2.794	0	%100
48	M45	Z	4.84	4.84	0	%100
49	M46A	X	2.127	2.127	0	%100
50	M46A	Z	3.685	3.685	0	%100
51	M48	X	2.22	2.22	0	%100
52	M48	Z	3.845	3.845	0	%100
53	M50A	X	2.794	2.794	0	%100
54	M50A	Z	4.84	4.84	0	%100
55	M51C	X	2.127	2.127	0	%100
56	M51C	Z	3.685	3.685	0	%100
57	M53	X	2.22	2.22	0	%100
58	M53	Z	3.845	3.845	0	%100
59	M58A	X	.559	.559	0	%100
60	M58A	Z	.968	.968	0	%100
61	M59A	X	1.364	1.364	0	%100
62	M59A	Z	2.362	2.362	0	%100
63	M60	X	1.364	1.364	0	%100
64	M60	Z	2.362	2.362	0	%100
65	M61	X	2.13	2.13	0	%100
66	M61	Z	3.69	3.69	0	%100
67	M64	X	1.569	1.569	0	%100
68	M64	Z	2.717	2.717	0	%100
69	M65	X	0	0	0	%100
70	M65	Z	0	0	0	%100
71	M69	X	.699	.699	0	%100
72	M69	Z	1.21	1.21	0	%100
73	M70	X	2.127	2.127	0	%100
74	M70	Z	3.685	3.685	0	%100
75	M72	X	2.22	2.22	0	%100
76	M72	Z	3.845	3.845	0	%100
77	M74	X	.699	.699	0	%100
78	M74	Z	1.21	1.21	0	%100
79	M75	X	0	0	0	%100
80	M75	Z	0	0	0	%100
81	M77A	X	0	0	0	%100
82	M77A	Z	0	0	0	%100
83	M82	X	0	0	0	%100
84	M82	Z	0	0	0	%100
85	MP3C	X	1.978	1.978	0	%100
86	MP3C	Z	3.426	3.426	0	%100
87	MP4C	X	1.788	1.788	0	%100
88	MP4C	Z	3.098	3.098	0	%100
89	MP2C	X	1.978	1.978	0	%100
90	MP2C	Z	3.426	3.426	0	%100
91	MP1C	X	1.978	1.978	0	%100
92	MP1C	Z	3.426	3.426	0	%100
93	M91A	X	1.662	1.662	0	%100
94	M91A	Z	2.878	2.878	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
95	MP3B	X	1.978	1.978	0	%100
96	MP3B	Z	3.426	3.426	0	%100
97	MP4B	X	1.788	1.788	0	%100
98	MP4B	Z	3.098	3.098	0	%100
99	MP2B	X	1.978	1.978	0	%100
100	MP2B	Z	3.426	3.426	0	%100
101	MP1B	X	1.978	1.978	0	%100
102	MP1B	Z	3.426	3.426	0	%100
103	M100	X	1.484	1.484	0	%100
104	M100	Z	2.57	2.57	0	%100
105	M105	X	0	0	0	%100
106	M105	Z	0	0	0	%100
107	M110	X	1.484	1.484	0	%100
108	M110	Z	2.57	2.57	0	%100
109	M121	X	0	0	0	%100
110	M121	Z	0	0	0	%100
111	M122	X	1.407	1.407	0	%100
112	M122	Z	2.437	2.437	0	%100
113	M123	X	1.407	1.407	0	%100
114	M123	Z	2.437	2.437	0	%100
115	M124	X	1.622	1.622	0	%100
116	M124	Z	2.809	2.809	0	%100
117	M125	X	2.672	2.672	0	%100
118	M125	Z	4.627	4.627	0	%100
119	M126	X	1.622	1.622	0	%100
120	M126	Z	2.809	2.809	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	4.431	4.431	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	3.637	3.637	0	%100
7	MP3A	X	0	0	0	%100
8	MP3A	Z	3.956	3.956	0	%100
9	MP4A	X	0	0	0	%100
10	MP4A	Z	3.577	3.577	0	%100
11	MP2A	X	0	0	0	%100
12	MP2A	Z	3.956	3.956	0	%100
13	MP1A	X	0	0	0	%100
14	MP1A	Z	3.956	3.956	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	3.637	3.637	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	5.681	5.681	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	1.046	1.046	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	1.046	1.046	0	%100
23	M76	X	0	0	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	1.418	1.418	0	%100
27	M80	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
28	M80	Z	1.48	1.48	0	%100
29	M84	X	0	0	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	1.418	1.418	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	1.48	1.48	0	%100
35	M34	X	0	0	0	%100
36	M34	Z	3.354	3.354	0	%100
37	M35	X	0	0	0	%100
38	M35	Z	.909	.909	0	%100
39	M36	X	0	0	0	%100
40	M36	Z	.909	.909	0	%100
41	M37	X	0	0	0	%100
42	M37	Z	1.42	1.42	0	%100
43	M40	X	0	0	0	%100
44	M40	Z	1.046	1.046	0	%100
45	M41	X	0	0	0	%100
46	M41	Z	4.184	4.184	0	%100
47	M45	X	0	0	0	%100
48	M45	Z	4.192	4.192	0	%100
49	M46A	X	0	0	0	%100
50	M46A	Z	1.418	1.418	0	%100
51	M48	X	0	0	0	%100
52	M48	Z	1.48	1.48	0	%100
53	M50A	X	0	0	0	%100
54	M50A	Z	4.192	4.192	0	%100
55	M51C	X	0	0	0	%100
56	M51C	Z	5.673	5.673	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	5.92	5.92	0	%100
59	M58A	X	0	0	0	%100
60	M58A	Z	3.354	3.354	0	%100
61	M59A	X	0	0	0	%100
62	M59A	Z	.909	.909	0	%100
63	M60	X	0	0	0	%100
64	M60	Z	.909	.909	0	%100
65	M61	X	0	0	0	%100
66	M61	Z	1.42	1.42	0	%100
67	M64	X	0	0	0	%100
68	M64	Z	4.184	4.184	0	%100
69	M65	X	0	0	0	%100
70	M65	Z	1.046	1.046	0	%100
71	M69	X	0	0	0	%100
72	M69	Z	4.192	4.192	0	%100
73	M70	X	0	0	0	%100
74	M70	Z	5.673	5.673	0	%100
75	M72	X	0	0	0	%100
76	M72	Z	5.92	5.92	0	%100
77	M74	X	0	0	0	%100
78	M74	Z	4.192	4.192	0	%100
79	M75	X	0	0	0	%100
80	M75	Z	1.418	1.418	0	%100
81	M77A	X	0	0	0	%100
82	M77A	Z	1.48	1.48	0	%100
83	M82	X	0	0	0	%100
84	M82	Z	1.108	1.108	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
85	MP3C	X	0	0	0	%100
86	MP3C	Z	3.956	3.956	0	%100
87	MP4C	X	0	0	0	%100
88	MP4C	Z	3.577	3.577	0	%100
89	MP2C	X	0	0	0	%100
90	MP2C	Z	3.956	3.956	0	%100
91	MP1C	X	0	0	0	%100
92	MP1C	Z	3.956	3.956	0	%100
93	M91A	X	0	0	0	%100
94	M91A	Z	1.108	1.108	0	%100
95	MP3B	X	0	0	0	%100
96	MP3B	Z	3.956	3.956	0	%100
97	MP4B	X	0	0	0	%100
98	MP4B	Z	3.577	3.577	0	%100
99	MP2B	X	0	0	0	%100
100	MP2B	Z	3.956	3.956	0	%100
101	MP1B	X	0	0	0	%100
102	MP1B	Z	3.956	3.956	0	%100
103	M100	X	0	0	0	%100
104	M100	Z	3.956	3.956	0	%100
105	M105	X	0	0	0	%100
106	M105	Z	.989	.989	0	%100
107	M110	X	0	0	0	%100
108	M110	Z	.989	.989	0	%100
109	M121	X	0	0	0	%100
110	M121	Z	.938	.938	0	%100
111	M122	X	0	0	0	%100
112	M122	Z	.938	.938	0	%100
113	M123	X	0	0	0	%100
114	M123	Z	3.752	3.752	0	%100
115	M124	X	0	0	0	%100
116	M124	Z	2.544	2.544	0	%100
117	M125	X	0	0	0	%100
118	M125	Z	4.643	4.643	0	%100
119	M126	X	0	0	0	%100
120	M126	Z	4.643	4.643	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-1.662	-1.662	0	%100
2	M1	Z	2.878	2.878	0	%100
3	M4	X	-.559	-.559	0	%100
4	M4	Z	.968	.968	0	%100
5	M10	X	-1.364	-1.364	0	%100
6	M10	Z	2.362	2.362	0	%100
7	MP3A	X	-1.978	-1.978	0	%100
8	MP3A	Z	3.426	3.426	0	%100
9	MP4A	X	-1.788	-1.788	0	%100
10	MP4A	Z	3.098	3.098	0	%100
11	MP2A	X	-1.978	-1.978	0	%100
12	MP2A	Z	3.426	3.426	0	%100
13	MP1A	X	-1.978	-1.978	0	%100
14	MP1A	Z	3.426	3.426	0	%100
15	M43	X	-1.364	-1.364	0	%100
16	M43	Z	2.362	2.362	0	%100
17	M46	X	-2.13	-2.13	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
18	M46	Z	3.69	3.69	0	%100
19	M51B	X	-1.569	-1.569	0	%100
20	M51B	Z	2.717	2.717	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	-.699	-.699	0	%100
24	M76	Z	1.21	1.21	0	%100
25	M77	X	-2.127	-2.127	0	%100
26	M77	Z	3.685	3.685	0	%100
27	M80	X	-2.22	-2.22	0	%100
28	M80	Z	3.845	3.845	0	%100
29	M84	X	-.699	-.699	0	%100
30	M84	Z	1.21	1.21	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	0	0	0	%100
35	M34	X	-.559	-.559	0	%100
36	M34	Z	.968	.968	0	%100
37	M35	X	-1.364	-1.364	0	%100
38	M35	Z	2.362	2.362	0	%100
39	M36	X	-1.364	-1.364	0	%100
40	M36	Z	2.362	2.362	0	%100
41	M37	X	-2.13	-2.13	0	%100
42	M37	Z	3.69	3.69	0	%100
43	M40	X	0	0	0	%100
44	M40	Z	0	0	0	%100
45	M41	X	-1.569	-1.569	0	%100
46	M41	Z	2.717	2.717	0	%100
47	M45	X	-.699	-.699	0	%100
48	M45	Z	1.21	1.21	0	%100
49	M46A	X	0	0	0	%100
50	M46A	Z	0	0	0	%100
51	M48	X	0	0	0	%100
52	M48	Z	0	0	0	%100
53	M50A	X	-.699	-.699	0	%100
54	M50A	Z	1.21	1.21	0	%100
55	M51C	X	-2.127	-2.127	0	%100
56	M51C	Z	3.685	3.685	0	%100
57	M53	X	-2.22	-2.22	0	%100
58	M53	Z	3.845	3.845	0	%100
59	M58A	X	-2.236	-2.236	0	%100
60	M58A	Z	3.873	3.873	0	%100
61	M59A	X	0	0	0	%100
62	M59A	Z	0	0	0	%100
63	M60	X	0	0	0	%100
64	M60	Z	0	0	0	%100
65	M61	X	0	0	0	%100
66	M61	Z	0	0	0	%100
67	M64	X	-1.569	-1.569	0	%100
68	M64	Z	2.717	2.717	0	%100
69	M65	X	-1.569	-1.569	0	%100
70	M65	Z	2.717	2.717	0	%100
71	M69	X	-2.794	-2.794	0	%100
72	M69	Z	4.84	4.84	0	%100
73	M70	X	-2.127	-2.127	0	%100
74	M70	Z	3.685	3.685	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
75	M72	X	-2.22	-2.22	0	%100
76	M72	Z	3.845	3.845	0	%100
77	M74	X	-2.794	-2.794	0	%100
78	M74	Z	4.84	4.84	0	%100
79	M75	X	-2.127	-2.127	0	%100
80	M75	Z	3.685	3.685	0	%100
81	M77A	X	-2.22	-2.22	0	%100
82	M77A	Z	3.845	3.845	0	%100
83	M82	X	-1.662	-1.662	0	%100
84	M82	Z	2.878	2.878	0	%100
85	MP3C	X	-1.978	-1.978	0	%100
86	MP3C	Z	3.426	3.426	0	%100
87	MP4C	X	-1.788	-1.788	0	%100
88	MP4C	Z	3.098	3.098	0	%100
89	MP2C	X	-1.978	-1.978	0	%100
90	MP2C	Z	3.426	3.426	0	%100
91	MP1C	X	-1.978	-1.978	0	%100
92	MP1C	Z	3.426	3.426	0	%100
93	M91A	X	0	0	0	%100
94	M91A	Z	0	0	0	%100
95	MP3B	X	-1.978	-1.978	0	%100
96	MP3B	Z	3.426	3.426	0	%100
97	MP4B	X	-1.788	-1.788	0	%100
98	MP4B	Z	3.098	3.098	0	%100
99	MP2B	X	-1.978	-1.978	0	%100
100	MP2B	Z	3.426	3.426	0	%100
101	MP1B	X	-1.978	-1.978	0	%100
102	MP1B	Z	3.426	3.426	0	%100
103	M100	X	-1.484	-1.484	0	%100
104	M100	Z	2.57	2.57	0	%100
105	M105	X	-1.484	-1.484	0	%100
106	M105	Z	2.57	2.57	0	%100
107	M110	X	0	0	0	%100
108	M110	Z	0	0	0	%100
109	M121	X	-1.407	-1.407	0	%100
110	M121	Z	2.437	2.437	0	%100
111	M122	X	0	0	0	%100
112	M122	Z	0	0	0	%100
113	M123	X	-1.407	-1.407	0	%100
114	M123	Z	2.437	2.437	0	%100
115	M124	X	-1.622	-1.622	0	%100
116	M124	Z	2.809	2.809	0	%100
117	M125	X	-1.622	-1.622	0	%100
118	M125	Z	2.809	2.809	0	%100
119	M126	X	-2.672	-2.672	0	%100
120	M126	Z	4.627	4.627	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.959	-.959	0	%100
2	M1	Z	.554	.554	0	%100
3	M4	X	-2.905	-2.905	0	%100
4	M4	Z	1.677	1.677	0	%100
5	M10	X	-.787	-.787	0	%100
6	M10	Z	.455	.455	0	%100
7	MP3A	X	-3.426	-3.426	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
8	MP3A	Z	1.978	1.978	0	%100
9	MP4A	X	-3.098	-3.098	0	%100
10	MP4A	Z	1.788	1.788	0	%100
11	MP2A	X	-3.426	-3.426	0	%100
12	MP2A	Z	1.978	1.978	0	%100
13	MP1A	X	-3.426	-3.426	0	%100
14	MP1A	Z	1.978	1.978	0	%100
15	M43	X	-.787	-.787	0	%100
16	M43	Z	.455	.455	0	%100
17	M46	X	-1.23	-1.23	0	%100
18	M46	Z	.71	.71	0	%100
19	M51B	X	-3.623	-3.623	0	%100
20	M51B	Z	2.092	2.092	0	%100
21	M52B	X	-.906	-.906	0	%100
22	M52B	Z	.523	.523	0	%100
23	M76	X	-3.63	-3.63	0	%100
24	M76	Z	2.096	2.096	0	%100
25	M77	X	-4.913	-4.913	0	%100
26	M77	Z	2.837	2.837	0	%100
27	M80	X	-5.127	-5.127	0	%100
28	M80	Z	2.96	2.96	0	%100
29	M84	X	-3.63	-3.63	0	%100
30	M84	Z	2.096	2.096	0	%100
31	M85	X	-1.228	-1.228	0	%100
32	M85	Z	.709	.709	0	%100
33	M91	X	-1.282	-1.282	0	%100
34	M91	Z	.74	.74	0	%100
35	M34	X	0	0	0	%100
36	M34	Z	0	0	0	%100
37	M35	X	-3.149	-3.149	0	%100
38	M35	Z	1.818	1.818	0	%100
39	M36	X	-3.149	-3.149	0	%100
40	M36	Z	1.818	1.818	0	%100
41	M37	X	-4.92	-4.92	0	%100
42	M37	Z	2.84	2.84	0	%100
43	M40	X	-.906	-.906	0	%100
44	M40	Z	.523	.523	0	%100
45	M41	X	-.906	-.906	0	%100
46	M41	Z	.523	.523	0	%100
47	M45	X	0	0	0	%100
48	M45	Z	0	0	0	%100
49	M46A	X	-1.228	-1.228	0	%100
50	M46A	Z	.709	.709	0	%100
51	M48	X	-1.282	-1.282	0	%100
52	M48	Z	.74	.74	0	%100
53	M50A	X	0	0	0	%100
54	M50A	Z	0	0	0	%100
55	M51C	X	-1.228	-1.228	0	%100
56	M51C	Z	.709	.709	0	%100
57	M53	X	-1.282	-1.282	0	%100
58	M53	Z	.74	.74	0	%100
59	M58A	X	-2.905	-2.905	0	%100
60	M58A	Z	1.677	1.677	0	%100
61	M59A	X	-.787	-.787	0	%100
62	M59A	Z	.455	.455	0	%100
63	M60	X	-.787	-.787	0	%100
64	M60	Z	.455	.455	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
65	M61	X	-1.23	-1.23	0	%100
66	M61	Z	.71	.71	0	%100
67	M64	X	-.906	-.906	0	%100
68	M64	Z	.523	.523	0	%100
69	M65	X	-3.623	-3.623	0	%100
70	M65	Z	2.092	2.092	0	%100
71	M69	X	-3.63	-3.63	0	%100
72	M69	Z	2.096	2.096	0	%100
73	M70	X	-1.228	-1.228	0	%100
74	M70	Z	.709	.709	0	%100
75	M72	X	-1.282	-1.282	0	%100
76	M72	Z	.74	.74	0	%100
77	M74	X	-3.63	-3.63	0	%100
78	M74	Z	2.096	2.096	0	%100
79	M75	X	-4.913	-4.913	0	%100
80	M75	Z	2.837	2.837	0	%100
81	M77A	X	-5.127	-5.127	0	%100
82	M77A	Z	2.96	2.96	0	%100
83	M82	X	-3.837	-3.837	0	%100
84	M82	Z	2.215	2.215	0	%100
85	MP3C	X	-3.426	-3.426	0	%100
86	MP3C	Z	1.978	1.978	0	%100
87	MP4C	X	-3.098	-3.098	0	%100
88	MP4C	Z	1.788	1.788	0	%100
89	MP2C	X	-3.426	-3.426	0	%100
90	MP2C	Z	1.978	1.978	0	%100
91	MP1C	X	-3.426	-3.426	0	%100
92	MP1C	Z	1.978	1.978	0	%100
93	M91A	X	-.959	-.959	0	%100
94	M91A	Z	.554	.554	0	%100
95	MP3B	X	-3.426	-3.426	0	%100
96	MP3B	Z	1.978	1.978	0	%100
97	MP4B	X	-3.098	-3.098	0	%100
98	MP4B	Z	1.788	1.788	0	%100
99	MP2B	X	-3.426	-3.426	0	%100
100	MP2B	Z	1.978	1.978	0	%100
101	MP1B	X	-3.426	-3.426	0	%100
102	MP1B	Z	1.978	1.978	0	%100
103	M100	X	-.857	-.857	0	%100
104	M100	Z	.495	.495	0	%100
105	M105	X	-3.426	-3.426	0	%100
106	M105	Z	1.978	1.978	0	%100
107	M110	X	-.857	-.857	0	%100
108	M110	Z	.495	.495	0	%100
109	M121	X	-3.249	-3.249	0	%100
110	M121	Z	1.876	1.876	0	%100
111	M122	X	-.812	-.812	0	%100
112	M122	Z	.469	.469	0	%100
113	M123	X	-.812	-.812	0	%100
114	M123	Z	.469	.469	0	%100
115	M124	X	-4.021	-4.021	0	%100
116	M124	Z	2.322	2.322	0	%100
117	M125	X	-2.203	-2.203	0	%100
118	M125	Z	1.272	1.272	0	%100
119	M126	X	-4.021	-4.021	0	%100
120	M126	Z	2.322	2.322	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	-4.472	-4.472	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	MP3A	X	-3.956	-3.956	0	%100
8	MP3A	Z	0	0	0	%100
9	MP4A	X	-3.577	-3.577	0	%100
10	MP4A	Z	0	0	0	%100
11	MP2A	X	-3.956	-3.956	0	%100
12	MP2A	Z	0	0	0	%100
13	MP1A	X	-3.956	-3.956	0	%100
14	MP1A	Z	0	0	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	0	0	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	0	0	0	%100
19	M51B	X	-3.138	-3.138	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	-3.138	-3.138	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	-5.589	-5.589	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	-4.255	-4.255	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	-4.44	-4.44	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	-5.589	-5.589	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	-4.255	-4.255	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	-4.44	-4.44	0	%100
34	M91	Z	0	0	0	%100
35	M34	X	-1.118	-1.118	0	%100
36	M34	Z	0	0	0	%100
37	M35	X	-2.727	-2.727	0	%100
38	M35	Z	0	0	0	%100
39	M36	X	-2.727	-2.727	0	%100
40	M36	Z	0	0	0	%100
41	M37	X	-4.261	-4.261	0	%100
42	M37	Z	0	0	0	%100
43	M40	X	-3.138	-3.138	0	%100
44	M40	Z	0	0	0	%100
45	M41	X	0	0	0	%100
46	M41	Z	0	0	0	%100
47	M45	X	-1.397	-1.397	0	%100
48	M45	Z	0	0	0	%100
49	M46A	X	-4.255	-4.255	0	%100
50	M46A	Z	0	0	0	%100
51	M48	X	-4.44	-4.44	0	%100
52	M48	Z	0	0	0	%100
53	M50A	X	-1.397	-1.397	0	%100
54	M50A	Z	0	0	0	%100
55	M51C	X	0	0	0	%100
56	M51C	Z	0	0	0	%100
57	M53	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	M53	Z	0	0	0	%100
59	M58A	X	-1.118	-1.118	0	%100
60	M58A	Z	0	0	0	%100
61	M59A	X	-2.727	-2.727	0	%100
62	M59A	Z	0	0	0	%100
63	M60	X	-2.727	-2.727	0	%100
64	M60	Z	0	0	0	%100
65	M61	X	-4.261	-4.261	0	%100
66	M61	Z	0	0	0	%100
67	M64	X	0	0	0	%100
68	M64	Z	0	0	0	%100
69	M65	X	-3.138	-3.138	0	%100
70	M65	Z	0	0	0	%100
71	M69	X	-1.397	-1.397	0	%100
72	M69	Z	0	0	0	%100
73	M70	X	0	0	0	%100
74	M70	Z	0	0	0	%100
75	M72	X	0	0	0	%100
76	M72	Z	0	0	0	%100
77	M74	X	-1.397	-1.397	0	%100
78	M74	Z	0	0	0	%100
79	M75	X	-4.255	-4.255	0	%100
80	M75	Z	0	0	0	%100
81	M77A	X	-4.44	-4.44	0	%100
82	M77A	Z	0	0	0	%100
83	M82	X	-3.323	-3.323	0	%100
84	M82	Z	0	0	0	%100
85	MP3C	X	-3.956	-3.956	0	%100
86	MP3C	Z	0	0	0	%100
87	MP4C	X	-3.577	-3.577	0	%100
88	MP4C	Z	0	0	0	%100
89	MP2C	X	-3.956	-3.956	0	%100
90	MP2C	Z	0	0	0	%100
91	MP1C	X	-3.956	-3.956	0	%100
92	MP1C	Z	0	0	0	%100
93	M91A	X	-3.323	-3.323	0	%100
94	M91A	Z	0	0	0	%100
95	MP3B	X	-3.956	-3.956	0	%100
96	MP3B	Z	0	0	0	%100
97	MP4B	X	-3.577	-3.577	0	%100
98	MP4B	Z	0	0	0	%100
99	MP2B	X	-3.956	-3.956	0	%100
100	MP2B	Z	0	0	0	%100
101	MP1B	X	-3.956	-3.956	0	%100
102	MP1B	Z	0	0	0	%100
103	M100	X	0	0	0	%100
104	M100	Z	0	0	0	%100
105	M105	X	-2.967	-2.967	0	%100
106	M105	Z	0	0	0	%100
107	M110	X	-2.967	-2.967	0	%100
108	M110	Z	0	0	0	%100
109	M121	X	-2.814	-2.814	0	%100
110	M121	Z	0	0	0	%100
111	M122	X	-2.814	-2.814	0	%100
112	M122	Z	0	0	0	%100
113	M123	X	0	0	0	%100
114	M123	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
115	M124	X	-5.343	-5.343	0	%100
116	M124	Z	0	0	0	%100
117	M125	X	-3.244	-3.244	0	%100
118	M125	Z	0	0	0	%100
119	M126	X	-3.244	-3.244	0	%100
120	M126	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.959	-.959	0	%100
2	M1	Z	-.554	-.554	0	%100
3	M4	X	-2.905	-2.905	0	%100
4	M4	Z	-1.677	-1.677	0	%100
5	M10	X	-.787	-.787	0	%100
6	M10	Z	-.455	-.455	0	%100
7	MP3A	X	-3.426	-3.426	0	%100
8	MP3A	Z	-1.978	-1.978	0	%100
9	MP4A	X	-3.098	-3.098	0	%100
10	MP4A	Z	-1.788	-1.788	0	%100
11	MP2A	X	-3.426	-3.426	0	%100
12	MP2A	Z	-1.978	-1.978	0	%100
13	MP1A	X	-3.426	-3.426	0	%100
14	MP1A	Z	-1.978	-1.978	0	%100
15	M43	X	-.787	-.787	0	%100
16	M43	Z	-.455	-.455	0	%100
17	M46	X	-1.23	-1.23	0	%100
18	M46	Z	-.71	-.71	0	%100
19	M51B	X	-.906	-.906	0	%100
20	M51B	Z	-.523	-.523	0	%100
21	M52B	X	-3.623	-3.623	0	%100
22	M52B	Z	-2.092	-2.092	0	%100
23	M76	X	-3.63	-3.63	0	%100
24	M76	Z	-2.096	-2.096	0	%100
25	M77	X	-1.228	-1.228	0	%100
26	M77	Z	-.709	-.709	0	%100
27	M80	X	-1.282	-1.282	0	%100
28	M80	Z	-.74	-.74	0	%100
29	M84	X	-3.63	-3.63	0	%100
30	M84	Z	-2.096	-2.096	0	%100
31	M85	X	-4.913	-4.913	0	%100
32	M85	Z	-2.837	-2.837	0	%100
33	M91	X	-5.127	-5.127	0	%100
34	M91	Z	-2.96	-2.96	0	%100
35	M34	X	-2.905	-2.905	0	%100
36	M34	Z	-1.677	-1.677	0	%100
37	M35	X	-.787	-.787	0	%100
38	M35	Z	-.455	-.455	0	%100
39	M36	X	-.787	-.787	0	%100
40	M36	Z	-.455	-.455	0	%100
41	M37	X	-1.23	-1.23	0	%100
42	M37	Z	-.71	-.71	0	%100
43	M40	X	-3.623	-3.623	0	%100
44	M40	Z	-2.092	-2.092	0	%100
45	M41	X	-.906	-.906	0	%100
46	M41	Z	-.523	-.523	0	%100
47	M45	X	-3.63	-3.63	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
48	M45	Z	-2.096	-2.096	0	%100
49	M46A	X	-4.913	-4.913	0	%100
50	M46A	Z	-2.837	-2.837	0	%100
51	M48	X	-5.127	-5.127	0	%100
52	M48	Z	-2.96	-2.96	0	%100
53	M50A	X	-3.63	-3.63	0	%100
54	M50A	Z	-2.096	-2.096	0	%100
55	M51C	X	-1.228	-1.228	0	%100
56	M51C	Z	-.709	-.709	0	%100
57	M53	X	-1.282	-1.282	0	%100
58	M53	Z	-.74	-.74	0	%100
59	M58A	X	0	0	0	%100
60	M58A	Z	0	0	0	%100
61	M59A	X	-3.149	-3.149	0	%100
62	M59A	Z	-1.818	-1.818	0	%100
63	M60	X	-3.149	-3.149	0	%100
64	M60	Z	-1.818	-1.818	0	%100
65	M61	X	-4.92	-4.92	0	%100
66	M61	Z	-2.84	-2.84	0	%100
67	M64	X	-.906	-.906	0	%100
68	M64	Z	-.523	-.523	0	%100
69	M65	X	-.906	-.906	0	%100
70	M65	Z	-.523	-.523	0	%100
71	M69	X	0	0	0	%100
72	M69	Z	0	0	0	%100
73	M70	X	-1.228	-1.228	0	%100
74	M70	Z	-.709	-.709	0	%100
75	M72	X	-1.282	-1.282	0	%100
76	M72	Z	-.74	-.74	0	%100
77	M74	X	0	0	0	%100
78	M74	Z	0	0	0	%100
79	M75	X	-1.228	-1.228	0	%100
80	M75	Z	-.709	-.709	0	%100
81	M77A	X	-1.282	-1.282	0	%100
82	M77A	Z	-.74	-.74	0	%100
83	M82	X	-.959	-.959	0	%100
84	M82	Z	-.554	-.554	0	%100
85	MP3C	X	-3.426	-3.426	0	%100
86	MP3C	Z	-1.978	-1.978	0	%100
87	MP4C	X	-3.098	-3.098	0	%100
88	MP4C	Z	-1.788	-1.788	0	%100
89	MP2C	X	-3.426	-3.426	0	%100
90	MP2C	Z	-1.978	-1.978	0	%100
91	MP1C	X	-3.426	-3.426	0	%100
92	MP1C	Z	-1.978	-1.978	0	%100
93	M91A	X	-3.837	-3.837	0	%100
94	M91A	Z	-2.215	-2.215	0	%100
95	MP3B	X	-3.426	-3.426	0	%100
96	MP3B	Z	-1.978	-1.978	0	%100
97	MP4B	X	-3.098	-3.098	0	%100
98	MP4B	Z	-1.788	-1.788	0	%100
99	MP2B	X	-3.426	-3.426	0	%100
100	MP2B	Z	-1.978	-1.978	0	%100
101	MP1B	X	-3.426	-3.426	0	%100
102	MP1B	Z	-1.978	-1.978	0	%100
103	M100	X	-.857	-.857	0	%100
104	M100	Z	-.495	-.495	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
105	M105	X	-.857	-.857	0	%100
106	M105	Z	-.495	-.495	0	%100
107	M110	X	-3.426	-3.426	0	%100
108	M110	Z	-1.978	-1.978	0	%100
109	M121	X	-.812	-.812	0	%100
110	M121	Z	-.469	-.469	0	%100
111	M122	X	-3.249	-3.249	0	%100
112	M122	Z	-1.876	-1.876	0	%100
113	M123	X	-.812	-.812	0	%100
114	M123	Z	-.469	-.469	0	%100
115	M124	X	-4.021	-4.021	0	%100
116	M124	Z	-2.322	-2.322	0	%100
117	M125	X	-4.021	-4.021	0	%100
118	M125	Z	-2.322	-2.322	0	%100
119	M126	X	-2.203	-2.203	0	%100
120	M126	Z	-1.272	-1.272	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-1.662	-1.662	0	%100
2	M1	Z	-2.878	-2.878	0	%100
3	M4	X	-.559	-.559	0	%100
4	M4	Z	-.968	-.968	0	%100
5	M10	X	-1.364	-1.364	0	%100
6	M10	Z	-2.362	-2.362	0	%100
7	MP3A	X	-1.978	-1.978	0	%100
8	MP3A	Z	-3.426	-3.426	0	%100
9	MP4A	X	-1.788	-1.788	0	%100
10	MP4A	Z	-3.098	-3.098	0	%100
11	MP2A	X	-1.978	-1.978	0	%100
12	MP2A	Z	-3.426	-3.426	0	%100
13	MP1A	X	-1.978	-1.978	0	%100
14	MP1A	Z	-3.426	-3.426	0	%100
15	M43	X	-1.364	-1.364	0	%100
16	M43	Z	-2.362	-2.362	0	%100
17	M46	X	-2.13	-2.13	0	%100
18	M46	Z	-3.69	-3.69	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	-1.569	-1.569	0	%100
22	M52B	Z	-2.717	-2.717	0	%100
23	M76	X	-.699	-.699	0	%100
24	M76	Z	-1.21	-1.21	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	-.699	-.699	0	%100
30	M84	Z	-1.21	-1.21	0	%100
31	M85	X	-2.127	-2.127	0	%100
32	M85	Z	-3.685	-3.685	0	%100
33	M91	X	-2.22	-2.22	0	%100
34	M91	Z	-3.845	-3.845	0	%100
35	M34	X	-2.236	-2.236	0	%100
36	M34	Z	-3.873	-3.873	0	%100
37	M35	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
38	M35	Z	0	0	0	%100
39	M36	X	0	0	0	%100
40	M36	Z	0	0	0	%100
41	M37	X	0	0	0	%100
42	M37	Z	0	0	0	%100
43	M40	X	-1.569	-1.569	0	%100
44	M40	Z	-2.717	-2.717	0	%100
45	M41	X	-1.569	-1.569	0	%100
46	M41	Z	-2.717	-2.717	0	%100
47	M45	X	-2.794	-2.794	0	%100
48	M45	Z	-4.84	-4.84	0	%100
49	M46A	X	-2.127	-2.127	0	%100
50	M46A	Z	-3.685	-3.685	0	%100
51	M48	X	-2.22	-2.22	0	%100
52	M48	Z	-3.845	-3.845	0	%100
53	M50A	X	-2.794	-2.794	0	%100
54	M50A	Z	-4.84	-4.84	0	%100
55	M51C	X	-2.127	-2.127	0	%100
56	M51C	Z	-3.685	-3.685	0	%100
57	M53	X	-2.22	-2.22	0	%100
58	M53	Z	-3.845	-3.845	0	%100
59	M58A	X	-.559	-.559	0	%100
60	M58A	Z	-.968	-.968	0	%100
61	M59A	X	-1.364	-1.364	0	%100
62	M59A	Z	-2.362	-2.362	0	%100
63	M60	X	-1.364	-1.364	0	%100
64	M60	Z	-2.362	-2.362	0	%100
65	M61	X	-2.13	-2.13	0	%100
66	M61	Z	-3.69	-3.69	0	%100
67	M64	X	-1.569	-1.569	0	%100
68	M64	Z	-2.717	-2.717	0	%100
69	M65	X	0	0	0	%100
70	M65	Z	0	0	0	%100
71	M69	X	-.699	-.699	0	%100
72	M69	Z	-1.21	-1.21	0	%100
73	M70	X	-2.127	-2.127	0	%100
74	M70	Z	-3.685	-3.685	0	%100
75	M72	X	-2.22	-2.22	0	%100
76	M72	Z	-3.845	-3.845	0	%100
77	M74	X	-.699	-.699	0	%100
78	M74	Z	-1.21	-1.21	0	%100
79	M75	X	0	0	0	%100
80	M75	Z	0	0	0	%100
81	M77A	X	0	0	0	%100
82	M77A	Z	0	0	0	%100
83	M82	X	0	0	0	%100
84	M82	Z	0	0	0	%100
85	MP3C	X	-1.978	-1.978	0	%100
86	MP3C	Z	-3.426	-3.426	0	%100
87	MP4C	X	-1.788	-1.788	0	%100
88	MP4C	Z	-3.098	-3.098	0	%100
89	MP2C	X	-1.978	-1.978	0	%100
90	MP2C	Z	-3.426	-3.426	0	%100
91	MP1C	X	-1.978	-1.978	0	%100
92	MP1C	Z	-3.426	-3.426	0	%100
93	M91A	X	-1.662	-1.662	0	%100
94	M91A	Z	-2.878	-2.878	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
95	MP3B	X	-1.978	-1.978	0	%100
96	MP3B	Z	-3.426	-3.426	0	%100
97	MP4B	X	-1.788	-1.788	0	%100
98	MP4B	Z	-3.098	-3.098	0	%100
99	MP2B	X	-1.978	-1.978	0	%100
100	MP2B	Z	-3.426	-3.426	0	%100
101	MP1B	X	-1.978	-1.978	0	%100
102	MP1B	Z	-3.426	-3.426	0	%100
103	M100	X	-1.484	-1.484	0	%100
104	M100	Z	-2.57	-2.57	0	%100
105	M105	X	0	0	0	%100
106	M105	Z	0	0	0	%100
107	M110	X	-1.484	-1.484	0	%100
108	M110	Z	-2.57	-2.57	0	%100
109	M121	X	0	0	0	%100
110	M121	Z	0	0	0	%100
111	M122	X	-1.407	-1.407	0	%100
112	M122	Z	-2.437	-2.437	0	%100
113	M123	X	-1.407	-1.407	0	%100
114	M123	Z	-2.437	-2.437	0	%100
115	M124	X	-1.622	-1.622	0	%100
116	M124	Z	-2.809	-2.809	0	%100
117	M125	X	-2.672	-2.672	0	%100
118	M125	Z	-4.627	-4.627	0	%100
119	M126	X	-1.622	-1.622	0	%100
120	M126	Z	-2.809	-2.809	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	-.835	-.835	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	-.822	-.822	0	%100
7	MP3A	X	0	0	0	%100
8	MP3A	Z	-.786	-.786	0	%100
9	MP4A	X	0	0	0	%100
10	MP4A	Z	-.649	-.649	0	%100
11	MP2A	X	0	0	0	%100
12	MP2A	Z	-.786	-.786	0	%100
13	MP1A	X	0	0	0	%100
14	MP1A	Z	-.786	-.786	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	-.822	-.822	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	-1.639	-1.639	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	-.228	-.228	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	-.228	-.228	0	%100
23	M76	X	0	0	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	-.417	-.417	0	%100
27	M80	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
28	M80	Z	-.44	-.44	0	%100
29	M84	X	0	0	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	-.417	-.417	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	-.44	-.44	0	%100
35	M34	X	0	0	0	%100
36	M34	Z	-.729	-.729	0	%100
37	M35	X	0	0	0	%100
38	M35	Z	-.205	-.205	0	%100
39	M36	X	0	0	0	%100
40	M36	Z	-.205	-.205	0	%100
41	M37	X	0	0	0	%100
42	M37	Z	-.41	-.41	0	%100
43	M40	X	0	0	0	%100
44	M40	Z	-.228	-.228	0	%100
45	M41	X	0	0	0	%100
46	M41	Z	-.91	-.91	0	%100
47	M45	X	0	0	0	%100
48	M45	Z	-1.23	-1.23	0	%100
49	M46A	X	0	0	0	%100
50	M46A	Z	-.417	-.417	0	%100
51	M48	X	0	0	0	%100
52	M48	Z	-.44	-.44	0	%100
53	M50A	X	0	0	0	%100
54	M50A	Z	-1.23	-1.23	0	%100
55	M51C	X	0	0	0	%100
56	M51C	Z	-1.67	-1.67	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	-1.759	-1.759	0	%100
59	M58A	X	0	0	0	%100
60	M58A	Z	-.729	-.729	0	%100
61	M59A	X	0	0	0	%100
62	M59A	Z	-.205	-.205	0	%100
63	M60	X	0	0	0	%100
64	M60	Z	-.205	-.205	0	%100
65	M61	X	0	0	0	%100
66	M61	Z	-.41	-.41	0	%100
67	M64	X	0	0	0	%100
68	M64	Z	-.91	-.91	0	%100
69	M65	X	0	0	0	%100
70	M65	Z	-.228	-.228	0	%100
71	M69	X	0	0	0	%100
72	M69	Z	-1.23	-1.23	0	%100
73	M70	X	0	0	0	%100
74	M70	Z	-1.67	-1.67	0	%100
75	M72	X	0	0	0	%100
76	M72	Z	-1.759	-1.759	0	%100
77	M74	X	0	0	0	%100
78	M74	Z	-1.23	-1.23	0	%100
79	M75	X	0	0	0	%100
80	M75	Z	-.417	-.417	0	%100
81	M77A	X	0	0	0	%100
82	M77A	Z	-.44	-.44	0	%100
83	M82	X	0	0	0	%100
84	M82	Z	-.209	-.209	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
85	MP3C	X	0	0	0	%100
86	MP3C	Z	-.786	-.786	0	%100
87	MP4C	X	0	0	0	%100
88	MP4C	Z	-.649	-.649	0	%100
89	MP2C	X	0	0	0	%100
90	MP2C	Z	-.786	-.786	0	%100
91	MP1C	X	0	0	0	%100
92	MP1C	Z	-.786	-.786	0	%100
93	M91A	X	0	0	0	%100
94	M91A	Z	-.209	-.209	0	%100
95	MP3B	X	0	0	0	%100
96	MP3B	Z	-.786	-.786	0	%100
97	MP4B	X	0	0	0	%100
98	MP4B	Z	-.649	-.649	0	%100
99	MP2B	X	0	0	0	%100
100	MP2B	Z	-.786	-.786	0	%100
101	MP1B	X	0	0	0	%100
102	MP1B	Z	-.786	-.786	0	%100
103	M100	X	0	0	0	%100
104	M100	Z	-.786	-.786	0	%100
105	M105	X	0	0	0	%100
106	M105	Z	-.196	-.196	0	%100
107	M110	X	0	0	0	%100
108	M110	Z	-.196	-.196	0	%100
109	M121	X	0	0	0	%100
110	M121	Z	-.23	-.23	0	%100
111	M122	X	0	0	0	%100
112	M122	Z	-.23	-.23	0	%100
113	M123	X	0	0	0	%100
114	M123	Z	-.92	-.92	0	%100
115	M124	X	0	0	0	%100
116	M124	Z	-.716	-.716	0	%100
117	M125	X	0	0	0	%100
118	M125	Z	-1.142	-1.142	0	%100
119	M126	X	0	0	0	%100
120	M126	Z	-1.142	-1.142	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.313	.313	0	%100
2	M1	Z	-.542	-.542	0	%100
3	M4	X	.121	.121	0	%100
4	M4	Z	-.21	-.21	0	%100
5	M10	X	.308	.308	0	%100
6	M10	Z	-.534	-.534	0	%100
7	MP3A	X	.393	.393	0	%100
8	MP3A	Z	-.68	-.68	0	%100
9	MP4A	X	.324	.324	0	%100
10	MP4A	Z	-.562	-.562	0	%100
11	MP2A	X	.393	.393	0	%100
12	MP2A	Z	-.68	-.68	0	%100
13	MP1A	X	.393	.393	0	%100
14	MP1A	Z	-.68	-.68	0	%100
15	M43	X	.308	.308	0	%100
16	M43	Z	-.534	-.534	0	%100
17	M46	X	.615	.615	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
18	M46	Z	-1.065	-1.065	0	%100
19	M51B	X	.341	.341	0	%100
20	M51B	Z	-.591	-.591	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	.205	.205	0	%100
24	M76	Z	-.355	-.355	0	%100
25	M77	X	.626	.626	0	%100
26	M77	Z	-1.085	-1.085	0	%100
27	M80	X	.66	.66	0	%100
28	M80	Z	-1.142	-1.142	0	%100
29	M84	X	.205	.205	0	%100
30	M84	Z	-.355	-.355	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	0	0	0	%100
35	M34	X	.121	.121	0	%100
36	M34	Z	-.21	-.21	0	%100
37	M35	X	.308	.308	0	%100
38	M35	Z	-.534	-.534	0	%100
39	M36	X	.308	.308	0	%100
40	M36	Z	-.534	-.534	0	%100
41	M37	X	.615	.615	0	%100
42	M37	Z	-1.065	-1.065	0	%100
43	M40	X	0	0	0	%100
44	M40	Z	0	0	0	%100
45	M41	X	.341	.341	0	%100
46	M41	Z	-.591	-.591	0	%100
47	M45	X	.205	.205	0	%100
48	M45	Z	-.355	-.355	0	%100
49	M46A	X	0	0	0	%100
50	M46A	Z	0	0	0	%100
51	M48	X	0	0	0	%100
52	M48	Z	0	0	0	%100
53	M50A	X	.205	.205	0	%100
54	M50A	Z	-.355	-.355	0	%100
55	M51C	X	.626	.626	0	%100
56	M51C	Z	-1.085	-1.085	0	%100
57	M53	X	.66	.66	0	%100
58	M53	Z	-1.142	-1.142	0	%100
59	M58A	X	.486	.486	0	%100
60	M58A	Z	-.841	-.841	0	%100
61	M59A	X	0	0	0	%100
62	M59A	Z	0	0	0	%100
63	M60	X	0	0	0	%100
64	M60	Z	0	0	0	%100
65	M61	X	0	0	0	%100
66	M61	Z	0	0	0	%100
67	M64	X	.341	.341	0	%100
68	M64	Z	-.591	-.591	0	%100
69	M65	X	.341	.341	0	%100
70	M65	Z	-.591	-.591	0	%100
71	M69	X	.82	.82	0	%100
72	M69	Z	-1.42	-1.42	0	%100
73	M70	X	.626	.626	0	%100
74	M70	Z	-1.085	-1.085	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
75	M72	X	.66	.66	0	%100
76	M72	Z	-1.142	-1.142	0	%100
77	M74	X	.82	.82	0	%100
78	M74	Z	-1.42	-1.42	0	%100
79	M75	X	.626	.626	0	%100
80	M75	Z	-1.085	-1.085	0	%100
81	M77A	X	.66	.66	0	%100
82	M77A	Z	-1.142	-1.142	0	%100
83	M82	X	.313	.313	0	%100
84	M82	Z	-.542	-.542	0	%100
85	MP3C	X	.393	.393	0	%100
86	MP3C	Z	-.68	-.68	0	%100
87	MP4C	X	.324	.324	0	%100
88	MP4C	Z	-.562	-.562	0	%100
89	MP2C	X	.393	.393	0	%100
90	MP2C	Z	-.68	-.68	0	%100
91	MP1C	X	.393	.393	0	%100
92	MP1C	Z	-.68	-.68	0	%100
93	M91A	X	0	0	0	%100
94	M91A	Z	0	0	0	%100
95	MP3B	X	.393	.393	0	%100
96	MP3B	Z	-.68	-.68	0	%100
97	MP4B	X	.324	.324	0	%100
98	MP4B	Z	-.562	-.562	0	%100
99	MP2B	X	.393	.393	0	%100
100	MP2B	Z	-.68	-.68	0	%100
101	MP1B	X	.393	.393	0	%100
102	MP1B	Z	-.68	-.68	0	%100
103	M100	X	.295	.295	0	%100
104	M100	Z	-.51	-.51	0	%100
105	M105	X	.295	.295	0	%100
106	M105	Z	-.51	-.51	0	%100
107	M110	X	0	0	0	%100
108	M110	Z	0	0	0	%100
109	M121	X	.345	.345	0	%100
110	M121	Z	-.597	-.597	0	%100
111	M122	X	0	0	0	%100
112	M122	Z	0	0	0	%100
113	M123	X	.345	.345	0	%100
114	M123	Z	-.597	-.597	0	%100
115	M124	X	.429	.429	0	%100
116	M124	Z	-.743	-.743	0	%100
117	M125	X	.429	.429	0	%100
118	M125	Z	-.743	-.743	0	%100
119	M126	X	.642	.642	0	%100
120	M126	Z	-1.113	-1.113	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.181	.181	0	%100
2	M1	Z	-.104	-.104	0	%100
3	M4	X	.631	.631	0	%100
4	M4	Z	-.364	-.364	0	%100
5	M10	X	.178	.178	0	%100
6	M10	Z	-.103	-.103	0	%100
7	MP3A	X	.68	.68	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
8	MP3A	Z	-.393	-.393	0	%100
9	MP4A	X	.562	.562	0	%100
10	MP4A	Z	-.324	-.324	0	%100
11	MP2A	X	.68	.68	0	%100
12	MP2A	Z	-.393	-.393	0	%100
13	MP1A	X	.68	.68	0	%100
14	MP1A	Z	-.393	-.393	0	%100
15	M43	X	.178	.178	0	%100
16	M43	Z	-.103	-.103	0	%100
17	M46	X	.355	.355	0	%100
18	M46	Z	-.205	-.205	0	%100
19	M51B	X	.788	.788	0	%100
20	M51B	Z	-.455	-.455	0	%100
21	M52B	X	.197	.197	0	%100
22	M52B	Z	-.114	-.114	0	%100
23	M76	X	1.065	1.065	0	%100
24	M76	Z	-.615	-.615	0	%100
25	M77	X	1.446	1.446	0	%100
26	M77	Z	-.835	-.835	0	%100
27	M80	X	1.523	1.523	0	%100
28	M80	Z	-.879	-.879	0	%100
29	M84	X	1.065	1.065	0	%100
30	M84	Z	-.615	-.615	0	%100
31	M85	X	.362	.362	0	%100
32	M85	Z	-.209	-.209	0	%100
33	M91	X	.381	.381	0	%100
34	M91	Z	-.22	-.22	0	%100
35	M34	X	0	0	0	%100
36	M34	Z	0	0	0	%100
37	M35	X	.712	.712	0	%100
38	M35	Z	-.411	-.411	0	%100
39	M36	X	.712	.712	0	%100
40	M36	Z	-.411	-.411	0	%100
41	M37	X	1.42	1.42	0	%100
42	M37	Z	-.82	-.82	0	%100
43	M40	X	.197	.197	0	%100
44	M40	Z	-.114	-.114	0	%100
45	M41	X	.197	.197	0	%100
46	M41	Z	-.114	-.114	0	%100
47	M45	X	0	0	0	%100
48	M45	Z	0	0	0	%100
49	M46A	X	.362	.362	0	%100
50	M46A	Z	-.209	-.209	0	%100
51	M48	X	.381	.381	0	%100
52	M48	Z	-.22	-.22	0	%100
53	M50A	X	0	0	0	%100
54	M50A	Z	0	0	0	%100
55	M51C	X	.362	.362	0	%100
56	M51C	Z	-.209	-.209	0	%100
57	M53	X	.381	.381	0	%100
58	M53	Z	-.22	-.22	0	%100
59	M58A	X	.631	.631	0	%100
60	M58A	Z	-.364	-.364	0	%100
61	M59A	X	.178	.178	0	%100
62	M59A	Z	-.103	-.103	0	%100
63	M60	X	.178	.178	0	%100
64	M60	Z	-.103	-.103	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
65	M61	X	.355	.355	0	%100
66	M61	Z	-.205	-.205	0	%100
67	M64	X	.197	.197	0	%100
68	M64	Z	-.114	-.114	0	%100
69	M65	X	.788	.788	0	%100
70	M65	Z	-.455	-.455	0	%100
71	M69	X	1.065	1.065	0	%100
72	M69	Z	-.615	-.615	0	%100
73	M70	X	.362	.362	0	%100
74	M70	Z	-.209	-.209	0	%100
75	M72	X	.381	.381	0	%100
76	M72	Z	-.22	-.22	0	%100
77	M74	X	1.065	1.065	0	%100
78	M74	Z	-.615	-.615	0	%100
79	M75	X	1.446	1.446	0	%100
80	M75	Z	-.835	-.835	0	%100
81	M77A	X	1.523	1.523	0	%100
82	M77A	Z	-.879	-.879	0	%100
83	M82	X	.723	.723	0	%100
84	M82	Z	-.418	-.418	0	%100
85	MP3C	X	.68	.68	0	%100
86	MP3C	Z	-.393	-.393	0	%100
87	MP4C	X	.562	.562	0	%100
88	MP4C	Z	-.324	-.324	0	%100
89	MP2C	X	.68	.68	0	%100
90	MP2C	Z	-.393	-.393	0	%100
91	MP1C	X	.68	.68	0	%100
92	MP1C	Z	-.393	-.393	0	%100
93	M91A	X	.181	.181	0	%100
94	M91A	Z	-.104	-.104	0	%100
95	MP3B	X	.68	.68	0	%100
96	MP3B	Z	-.393	-.393	0	%100
97	MP4B	X	.562	.562	0	%100
98	MP4B	Z	-.324	-.324	0	%100
99	MP2B	X	.68	.68	0	%100
100	MP2B	Z	-.393	-.393	0	%100
101	MP1B	X	.68	.68	0	%100
102	MP1B	Z	-.393	-.393	0	%100
103	M100	X	.17	.17	0	%100
104	M100	Z	-.098	-.098	0	%100
105	M105	X	.68	.68	0	%100
106	M105	Z	-.393	-.393	0	%100
107	M110	X	.17	.17	0	%100
108	M110	Z	-.098	-.098	0	%100
109	M121	X	.797	.797	0	%100
110	M121	Z	-.46	-.46	0	%100
111	M122	X	.199	.199	0	%100
112	M122	Z	-.115	-.115	0	%100
113	M123	X	.199	.199	0	%100
114	M123	Z	-.115	-.115	0	%100
115	M124	X	.989	.989	0	%100
116	M124	Z	-.571	-.571	0	%100
117	M125	X	.62	.62	0	%100
118	M125	Z	-.358	-.358	0	%100
119	M126	X	.989	.989	0	%100
120	M126	Z	-.571	-.571	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	.971	.971	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	MP3A	X	.786	.786	0	%100
8	MP3A	Z	0	0	0	%100
9	MP4A	X	.649	.649	0	%100
10	MP4A	Z	0	0	0	%100
11	MP2A	X	.786	.786	0	%100
12	MP2A	Z	0	0	0	%100
13	MP1A	X	.786	.786	0	%100
14	MP1A	Z	0	0	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	0	0	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	0	0	0	%100
19	M51B	X	.683	.683	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	.683	.683	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	1.639	1.639	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	1.252	1.252	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	1.319	1.319	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	1.639	1.639	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	1.252	1.252	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	1.319	1.319	0	%100
34	M91	Z	0	0	0	%100
35	M34	X	.243	.243	0	%100
36	M34	Z	0	0	0	%100
37	M35	X	.616	.616	0	%100
38	M35	Z	0	0	0	%100
39	M36	X	.616	.616	0	%100
40	M36	Z	0	0	0	%100
41	M37	X	1.23	1.23	0	%100
42	M37	Z	0	0	0	%100
43	M40	X	.683	.683	0	%100
44	M40	Z	0	0	0	%100
45	M41	X	0	0	0	%100
46	M41	Z	0	0	0	%100
47	M45	X	.41	.41	0	%100
48	M45	Z	0	0	0	%100
49	M46A	X	1.252	1.252	0	%100
50	M46A	Z	0	0	0	%100
51	M48	X	1.319	1.319	0	%100
52	M48	Z	0	0	0	%100
53	M50A	X	.41	.41	0	%100
54	M50A	Z	0	0	0	%100
55	M51C	X	0	0	0	%100
56	M51C	Z	0	0	0	%100
57	M53	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	M53	Z	0	0	0	%100
59	M58A	X	.243	.243	0	%100
60	M58A	Z	0	0	0	%100
61	M59A	X	.616	.616	0	%100
62	M59A	Z	0	0	0	%100
63	M60	X	.616	.616	0	%100
64	M60	Z	0	0	0	%100
65	M61	X	1.23	1.23	0	%100
66	M61	Z	0	0	0	%100
67	M64	X	0	0	0	%100
68	M64	Z	0	0	0	%100
69	M65	X	.683	.683	0	%100
70	M65	Z	0	0	0	%100
71	M69	X	.41	.41	0	%100
72	M69	Z	0	0	0	%100
73	M70	X	0	0	0	%100
74	M70	Z	0	0	0	%100
75	M72	X	0	0	0	%100
76	M72	Z	0	0	0	%100
77	M74	X	.41	.41	0	%100
78	M74	Z	0	0	0	%100
79	M75	X	1.252	1.252	0	%100
80	M75	Z	0	0	0	%100
81	M77A	X	1.319	1.319	0	%100
82	M77A	Z	0	0	0	%100
83	M82	X	.626	.626	0	%100
84	M82	Z	0	0	0	%100
85	MP3C	X	.786	.786	0	%100
86	MP3C	Z	0	0	0	%100
87	MP4C	X	.649	.649	0	%100
88	MP4C	Z	0	0	0	%100
89	MP2C	X	.786	.786	0	%100
90	MP2C	Z	0	0	0	%100
91	MP1C	X	.786	.786	0	%100
92	MP1C	Z	0	0	0	%100
93	M91A	X	.626	.626	0	%100
94	M91A	Z	0	0	0	%100
95	MP3B	X	.786	.786	0	%100
96	MP3B	Z	0	0	0	%100
97	MP4B	X	.649	.649	0	%100
98	MP4B	Z	0	0	0	%100
99	MP2B	X	.786	.786	0	%100
100	MP2B	Z	0	0	0	%100
101	MP1B	X	.786	.786	0	%100
102	MP1B	Z	0	0	0	%100
103	M100	X	0	0	0	%100
104	M100	Z	0	0	0	%100
105	M105	X	.589	.589	0	%100
106	M105	Z	0	0	0	%100
107	M110	X	.589	.589	0	%100
108	M110	Z	0	0	0	%100
109	M121	X	.69	.69	0	%100
110	M121	Z	0	0	0	%100
111	M122	X	.69	.69	0	%100
112	M122	Z	0	0	0	%100
113	M123	X	0	0	0	%100
114	M123	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
115	M124	X	1.285	1.285	0	%100
116	M124	Z	0	0	0	%100
117	M125	X	.858	.858	0	%100
118	M125	Z	0	0	0	%100
119	M126	X	.858	.858	0	%100
120	M126	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.181	.181	0	%100
2	M1	Z	.104	.104	0	%100
3	M4	X	.631	.631	0	%100
4	M4	Z	.364	.364	0	%100
5	M10	X	.178	.178	0	%100
6	M10	Z	.103	.103	0	%100
7	MP3A	X	.68	.68	0	%100
8	MP3A	Z	.393	.393	0	%100
9	MP4A	X	.562	.562	0	%100
10	MP4A	Z	.324	.324	0	%100
11	MP2A	X	.68	.68	0	%100
12	MP2A	Z	.393	.393	0	%100
13	MP1A	X	.68	.68	0	%100
14	MP1A	Z	.393	.393	0	%100
15	M43	X	.178	.178	0	%100
16	M43	Z	.103	.103	0	%100
17	M46	X	.355	.355	0	%100
18	M46	Z	.205	.205	0	%100
19	M51B	X	.197	.197	0	%100
20	M51B	Z	.114	.114	0	%100
21	M52B	X	.788	.788	0	%100
22	M52B	Z	.455	.455	0	%100
23	M76	X	1.065	1.065	0	%100
24	M76	Z	.615	.615	0	%100
25	M77	X	.362	.362	0	%100
26	M77	Z	.209	.209	0	%100
27	M80	X	.381	.381	0	%100
28	M80	Z	.22	.22	0	%100
29	M84	X	1.065	1.065	0	%100
30	M84	Z	.615	.615	0	%100
31	M85	X	1.446	1.446	0	%100
32	M85	Z	.835	.835	0	%100
33	M91	X	1.523	1.523	0	%100
34	M91	Z	.879	.879	0	%100
35	M34	X	.631	.631	0	%100
36	M34	Z	.364	.364	0	%100
37	M35	X	.178	.178	0	%100
38	M35	Z	.103	.103	0	%100
39	M36	X	.178	.178	0	%100
40	M36	Z	.103	.103	0	%100
41	M37	X	.355	.355	0	%100
42	M37	Z	.205	.205	0	%100
43	M40	X	.788	.788	0	%100
44	M40	Z	.455	.455	0	%100
45	M41	X	.197	.197	0	%100
46	M41	Z	.114	.114	0	%100
47	M45	X	1.065	1.065	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
48	M45	Z	.615	.615	0	%100
49	M46A	X	1.446	1.446	0	%100
50	M46A	Z	.835	.835	0	%100
51	M48	X	1.523	1.523	0	%100
52	M48	Z	.879	.879	0	%100
53	M50A	X	1.065	1.065	0	%100
54	M50A	Z	.615	.615	0	%100
55	M51C	X	.362	.362	0	%100
56	M51C	Z	.209	.209	0	%100
57	M53	X	.381	.381	0	%100
58	M53	Z	.22	.22	0	%100
59	M58A	X	0	0	0	%100
60	M58A	Z	0	0	0	%100
61	M59A	X	.712	.712	0	%100
62	M59A	Z	.411	.411	0	%100
63	M60	X	.712	.712	0	%100
64	M60	Z	.411	.411	0	%100
65	M61	X	1.42	1.42	0	%100
66	M61	Z	.82	.82	0	%100
67	M64	X	.197	.197	0	%100
68	M64	Z	.114	.114	0	%100
69	M65	X	.197	.197	0	%100
70	M65	Z	.114	.114	0	%100
71	M69	X	0	0	0	%100
72	M69	Z	0	0	0	%100
73	M70	X	.362	.362	0	%100
74	M70	Z	.209	.209	0	%100
75	M72	X	.381	.381	0	%100
76	M72	Z	.22	.22	0	%100
77	M74	X	0	0	0	%100
78	M74	Z	0	0	0	%100
79	M75	X	.362	.362	0	%100
80	M75	Z	.209	.209	0	%100
81	M77A	X	.381	.381	0	%100
82	M77A	Z	.22	.22	0	%100
83	M82	X	.181	.181	0	%100
84	M82	Z	.104	.104	0	%100
85	MP3C	X	.68	.68	0	%100
86	MP3C	Z	.393	.393	0	%100
87	MP4C	X	.562	.562	0	%100
88	MP4C	Z	.324	.324	0	%100
89	MP2C	X	.68	.68	0	%100
90	MP2C	Z	.393	.393	0	%100
91	MP1C	X	.68	.68	0	%100
92	MP1C	Z	.393	.393	0	%100
93	M91A	X	.723	.723	0	%100
94	M91A	Z	.418	.418	0	%100
95	MP3B	X	.68	.68	0	%100
96	MP3B	Z	.393	.393	0	%100
97	MP4B	X	.562	.562	0	%100
98	MP4B	Z	.324	.324	0	%100
99	MP2B	X	.68	.68	0	%100
100	MP2B	Z	.393	.393	0	%100
101	MP1B	X	.68	.68	0	%100
102	MP1B	Z	.393	.393	0	%100
103	M100	X	.17	.17	0	%100
104	M100	Z	.098	.098	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
105	M105	X	.17	.17	0	%100
106	M105	Z	.098	.098	0	%100
107	M110	X	.68	.68	0	%100
108	M110	Z	.393	.393	0	%100
109	M121	X	.199	.199	0	%100
110	M121	Z	.115	.115	0	%100
111	M122	X	.797	.797	0	%100
112	M122	Z	.46	.46	0	%100
113	M123	X	.199	.199	0	%100
114	M123	Z	.115	.115	0	%100
115	M124	X	.989	.989	0	%100
116	M124	Z	.571	.571	0	%100
117	M125	X	.989	.989	0	%100
118	M125	Z	.571	.571	0	%100
119	M126	X	.62	.62	0	%100
120	M126	Z	.358	.358	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.313	.313	0	%100
2	M1	Z	.542	.542	0	%100
3	M4	X	.121	.121	0	%100
4	M4	Z	.21	.21	0	%100
5	M10	X	.308	.308	0	%100
6	M10	Z	.534	.534	0	%100
7	MP3A	X	.393	.393	0	%100
8	MP3A	Z	.68	.68	0	%100
9	MP4A	X	.324	.324	0	%100
10	MP4A	Z	.562	.562	0	%100
11	MP2A	X	.393	.393	0	%100
12	MP2A	Z	.68	.68	0	%100
13	MP1A	X	.393	.393	0	%100
14	MP1A	Z	.68	.68	0	%100
15	M43	X	.308	.308	0	%100
16	M43	Z	.534	.534	0	%100
17	M46	X	.615	.615	0	%100
18	M46	Z	1.065	1.065	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	.341	.341	0	%100
22	M52B	Z	.591	.591	0	%100
23	M76	X	.205	.205	0	%100
24	M76	Z	.355	.355	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	.205	.205	0	%100
30	M84	Z	.355	.355	0	%100
31	M85	X	.626	.626	0	%100
32	M85	Z	1.085	1.085	0	%100
33	M91	X	.66	.66	0	%100
34	M91	Z	1.142	1.142	0	%100
35	M34	X	.486	.486	0	%100
36	M34	Z	.841	.841	0	%100
37	M35	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
38	M35	Z	0	0	0	%100
39	M36	X	0	0	0	%100
40	M36	Z	0	0	0	%100
41	M37	X	0	0	0	%100
42	M37	Z	0	0	0	%100
43	M40	X	.341	.341	0	%100
44	M40	Z	.591	.591	0	%100
45	M41	X	.341	.341	0	%100
46	M41	Z	.591	.591	0	%100
47	M45	X	.82	.82	0	%100
48	M45	Z	1.42	1.42	0	%100
49	M46A	X	.626	.626	0	%100
50	M46A	Z	1.085	1.085	0	%100
51	M48	X	.66	.66	0	%100
52	M48	Z	1.142	1.142	0	%100
53	M50A	X	.82	.82	0	%100
54	M50A	Z	1.42	1.42	0	%100
55	M51C	X	.626	.626	0	%100
56	M51C	Z	1.085	1.085	0	%100
57	M53	X	.66	.66	0	%100
58	M53	Z	1.142	1.142	0	%100
59	M58A	X	.121	.121	0	%100
60	M58A	Z	.21	.21	0	%100
61	M59A	X	.308	.308	0	%100
62	M59A	Z	.534	.534	0	%100
63	M60	X	.308	.308	0	%100
64	M60	Z	.534	.534	0	%100
65	M61	X	.615	.615	0	%100
66	M61	Z	1.065	1.065	0	%100
67	M64	X	.341	.341	0	%100
68	M64	Z	.591	.591	0	%100
69	M65	X	0	0	0	%100
70	M65	Z	0	0	0	%100
71	M69	X	.205	.205	0	%100
72	M69	Z	.355	.355	0	%100
73	M70	X	.626	.626	0	%100
74	M70	Z	1.085	1.085	0	%100
75	M72	X	.66	.66	0	%100
76	M72	Z	1.142	1.142	0	%100
77	M74	X	.205	.205	0	%100
78	M74	Z	.355	.355	0	%100
79	M75	X	0	0	0	%100
80	M75	Z	0	0	0	%100
81	M77A	X	0	0	0	%100
82	M77A	Z	0	0	0	%100
83	M82	X	0	0	0	%100
84	M82	Z	0	0	0	%100
85	MP3C	X	.393	.393	0	%100
86	MP3C	Z	.68	.68	0	%100
87	MP4C	X	.324	.324	0	%100
88	MP4C	Z	.562	.562	0	%100
89	MP2C	X	.393	.393	0	%100
90	MP2C	Z	.68	.68	0	%100
91	MP1C	X	.393	.393	0	%100
92	MP1C	Z	.68	.68	0	%100
93	M91A	X	.313	.313	0	%100
94	M91A	Z	.542	.542	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
95	MP3B	X	.393	.393	0	%100
96	MP3B	Z	.68	.68	0	%100
97	MP4B	X	.324	.324	0	%100
98	MP4B	Z	.562	.562	0	%100
99	MP2B	X	.393	.393	0	%100
100	MP2B	Z	.68	.68	0	%100
101	MP1B	X	.393	.393	0	%100
102	MP1B	Z	.68	.68	0	%100
103	M100	X	.295	.295	0	%100
104	M100	Z	.51	.51	0	%100
105	M105	X	0	0	0	%100
106	M105	Z	0	0	0	%100
107	M110	X	.295	.295	0	%100
108	M110	Z	.51	.51	0	%100
109	M121	X	0	0	0	%100
110	M121	Z	0	0	0	%100
111	M122	X	.345	.345	0	%100
112	M122	Z	.597	.597	0	%100
113	M123	X	.345	.345	0	%100
114	M123	Z	.597	.597	0	%100
115	M124	X	.429	.429	0	%100
116	M124	Z	.743	.743	0	%100
117	M125	X	.642	.642	0	%100
118	M125	Z	1.113	1.113	0	%100
119	M126	X	.429	.429	0	%100
120	M126	Z	.743	.743	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	.835	.835	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	.822	.822	0	%100
7	MP3A	X	0	0	0	%100
8	MP3A	Z	.786	.786	0	%100
9	MP4A	X	0	0	0	%100
10	MP4A	Z	.649	.649	0	%100
11	MP2A	X	0	0	0	%100
12	MP2A	Z	.786	.786	0	%100
13	MP1A	X	0	0	0	%100
14	MP1A	Z	.786	.786	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	.822	.822	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	1.639	1.639	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	.228	.228	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	.228	.228	0	%100
23	M76	X	0	0	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	.417	.417	0	%100
27	M80	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
28	M80	Z	.44	.44	0	%100
29	M84	X	0	0	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	.417	.417	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	.44	.44	0	%100
35	M34	X	0	0	0	%100
36	M34	Z	.729	.729	0	%100
37	M35	X	0	0	0	%100
38	M35	Z	.205	.205	0	%100
39	M36	X	0	0	0	%100
40	M36	Z	.205	.205	0	%100
41	M37	X	0	0	0	%100
42	M37	Z	.41	.41	0	%100
43	M40	X	0	0	0	%100
44	M40	Z	.228	.228	0	%100
45	M41	X	0	0	0	%100
46	M41	Z	.91	.91	0	%100
47	M45	X	0	0	0	%100
48	M45	Z	1.23	1.23	0	%100
49	M46A	X	0	0	0	%100
50	M46A	Z	.417	.417	0	%100
51	M48	X	0	0	0	%100
52	M48	Z	.44	.44	0	%100
53	M50A	X	0	0	0	%100
54	M50A	Z	1.23	1.23	0	%100
55	M51C	X	0	0	0	%100
56	M51C	Z	1.67	1.67	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	1.759	1.759	0	%100
59	M58A	X	0	0	0	%100
60	M58A	Z	.729	.729	0	%100
61	M59A	X	0	0	0	%100
62	M59A	Z	.205	.205	0	%100
63	M60	X	0	0	0	%100
64	M60	Z	.205	.205	0	%100
65	M61	X	0	0	0	%100
66	M61	Z	.41	.41	0	%100
67	M64	X	0	0	0	%100
68	M64	Z	.91	.91	0	%100
69	M65	X	0	0	0	%100
70	M65	Z	.228	.228	0	%100
71	M69	X	0	0	0	%100
72	M69	Z	1.23	1.23	0	%100
73	M70	X	0	0	0	%100
74	M70	Z	1.67	1.67	0	%100
75	M72	X	0	0	0	%100
76	M72	Z	1.759	1.759	0	%100
77	M74	X	0	0	0	%100
78	M74	Z	1.23	1.23	0	%100
79	M75	X	0	0	0	%100
80	M75	Z	.417	.417	0	%100
81	M77A	X	0	0	0	%100
82	M77A	Z	.44	.44	0	%100
83	M82	X	0	0	0	%100
84	M82	Z	.209	.209	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
85	MP3C	X	0	0	0	%100
86	MP3C	Z	.786	.786	0	%100
87	MP4C	X	0	0	0	%100
88	MP4C	Z	.649	.649	0	%100
89	MP2C	X	0	0	0	%100
90	MP2C	Z	.786	.786	0	%100
91	MP1C	X	0	0	0	%100
92	MP1C	Z	.786	.786	0	%100
93	M91A	X	0	0	0	%100
94	M91A	Z	.209	.209	0	%100
95	MP3B	X	0	0	0	%100
96	MP3B	Z	.786	.786	0	%100
97	MP4B	X	0	0	0	%100
98	MP4B	Z	.649	.649	0	%100
99	MP2B	X	0	0	0	%100
100	MP2B	Z	.786	.786	0	%100
101	MP1B	X	0	0	0	%100
102	MP1B	Z	.786	.786	0	%100
103	M100	X	0	0	0	%100
104	M100	Z	.786	.786	0	%100
105	M105	X	0	0	0	%100
106	M105	Z	.196	.196	0	%100
107	M110	X	0	0	0	%100
108	M110	Z	.196	.196	0	%100
109	M121	X	0	0	0	%100
110	M121	Z	.23	.23	0	%100
111	M122	X	0	0	0	%100
112	M122	Z	.23	.23	0	%100
113	M123	X	0	0	0	%100
114	M123	Z	.92	.92	0	%100
115	M124	X	0	0	0	%100
116	M124	Z	.716	.716	0	%100
117	M125	X	0	0	0	%100
118	M125	Z	1.142	1.142	0	%100
119	M126	X	0	0	0	%100
120	M126	Z	1.142	1.142	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.313	-.313	0	%100
2	M1	Z	.542	.542	0	%100
3	M4	X	-.121	-.121	0	%100
4	M4	Z	.21	.21	0	%100
5	M10	X	-.308	-.308	0	%100
6	M10	Z	.534	.534	0	%100
7	MP3A	X	-.393	-.393	0	%100
8	MP3A	Z	.68	.68	0	%100
9	MP4A	X	-.324	-.324	0	%100
10	MP4A	Z	.562	.562	0	%100
11	MP2A	X	-.393	-.393	0	%100
12	MP2A	Z	.68	.68	0	%100
13	MP1A	X	-.393	-.393	0	%100
14	MP1A	Z	.68	.68	0	%100
15	M43	X	-.308	-.308	0	%100
16	M43	Z	.534	.534	0	%100
17	M46	X	-.615	-.615	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
18	M46	Z	1.065	1.065	0	%100
19	M51B	X	-.341	-.341	0	%100
20	M51B	Z	.591	.591	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	-.205	-.205	0	%100
24	M76	Z	.355	.355	0	%100
25	M77	X	-.626	-.626	0	%100
26	M77	Z	1.085	1.085	0	%100
27	M80	X	-.66	-.66	0	%100
28	M80	Z	1.142	1.142	0	%100
29	M84	X	-.205	-.205	0	%100
30	M84	Z	.355	.355	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	0	0	0	%100
35	M34	X	-.121	-.121	0	%100
36	M34	Z	.21	.21	0	%100
37	M35	X	-.308	-.308	0	%100
38	M35	Z	.534	.534	0	%100
39	M36	X	-.308	-.308	0	%100
40	M36	Z	.534	.534	0	%100
41	M37	X	-.615	-.615	0	%100
42	M37	Z	1.065	1.065	0	%100
43	M40	X	0	0	0	%100
44	M40	Z	0	0	0	%100
45	M41	X	-.341	-.341	0	%100
46	M41	Z	.591	.591	0	%100
47	M45	X	-.205	-.205	0	%100
48	M45	Z	.355	.355	0	%100
49	M46A	X	0	0	0	%100
50	M46A	Z	0	0	0	%100
51	M48	X	0	0	0	%100
52	M48	Z	0	0	0	%100
53	M50A	X	-.205	-.205	0	%100
54	M50A	Z	.355	.355	0	%100
55	M51C	X	-.626	-.626	0	%100
56	M51C	Z	1.085	1.085	0	%100
57	M53	X	-.66	-.66	0	%100
58	M53	Z	1.142	1.142	0	%100
59	M58A	X	-.486	-.486	0	%100
60	M58A	Z	.841	.841	0	%100
61	M59A	X	0	0	0	%100
62	M59A	Z	0	0	0	%100
63	M60	X	0	0	0	%100
64	M60	Z	0	0	0	%100
65	M61	X	0	0	0	%100
66	M61	Z	0	0	0	%100
67	M64	X	-.341	-.341	0	%100
68	M64	Z	.591	.591	0	%100
69	M65	X	-.341	-.341	0	%100
70	M65	Z	.591	.591	0	%100
71	M69	X	-.82	-.82	0	%100
72	M69	Z	1.42	1.42	0	%100
73	M70	X	-.626	-.626	0	%100
74	M70	Z	1.085	1.085	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
75	M72	X	-.66	-.66	0	%100
76	M72	Z	1.142	1.142	0	%100
77	M74	X	-.82	-.82	0	%100
78	M74	Z	1.42	1.42	0	%100
79	M75	X	-.626	-.626	0	%100
80	M75	Z	1.085	1.085	0	%100
81	M77A	X	-.66	-.66	0	%100
82	M77A	Z	1.142	1.142	0	%100
83	M82	X	-.313	-.313	0	%100
84	M82	Z	.542	.542	0	%100
85	MP3C	X	-.393	-.393	0	%100
86	MP3C	Z	.68	.68	0	%100
87	MP4C	X	-.324	-.324	0	%100
88	MP4C	Z	.562	.562	0	%100
89	MP2C	X	-.393	-.393	0	%100
90	MP2C	Z	.68	.68	0	%100
91	MP1C	X	-.393	-.393	0	%100
92	MP1C	Z	.68	.68	0	%100
93	M91A	X	0	0	0	%100
94	M91A	Z	0	0	0	%100
95	MP3B	X	-.393	-.393	0	%100
96	MP3B	Z	.68	.68	0	%100
97	MP4B	X	-.324	-.324	0	%100
98	MP4B	Z	.562	.562	0	%100
99	MP2B	X	-.393	-.393	0	%100
100	MP2B	Z	.68	.68	0	%100
101	MP1B	X	-.393	-.393	0	%100
102	MP1B	Z	.68	.68	0	%100
103	M100	X	-.295	-.295	0	%100
104	M100	Z	.51	.51	0	%100
105	M105	X	-.295	-.295	0	%100
106	M105	Z	.51	.51	0	%100
107	M110	X	0	0	0	%100
108	M110	Z	0	0	0	%100
109	M121	X	-.345	-.345	0	%100
110	M121	Z	.597	.597	0	%100
111	M122	X	0	0	0	%100
112	M122	Z	0	0	0	%100
113	M123	X	-.345	-.345	0	%100
114	M123	Z	.597	.597	0	%100
115	M124	X	-.429	-.429	0	%100
116	M124	Z	.743	.743	0	%100
117	M125	X	-.429	-.429	0	%100
118	M125	Z	.743	.743	0	%100
119	M126	X	-.642	-.642	0	%100
120	M126	Z	1.113	1.113	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.181	-.181	0	%100
2	M1	Z	.104	.104	0	%100
3	M4	X	-.631	-.631	0	%100
4	M4	Z	.364	.364	0	%100
5	M10	X	-.178	-.178	0	%100
6	M10	Z	.103	.103	0	%100
7	MP3A	X	-.68	-.68	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
8	MP3A	Z	.393	.393	0	%100
9	MP4A	X	-.562	-.562	0	%100
10	MP4A	Z	.324	.324	0	%100
11	MP2A	X	-.68	-.68	0	%100
12	MP2A	Z	.393	.393	0	%100
13	MP1A	X	-.68	-.68	0	%100
14	MP1A	Z	.393	.393	0	%100
15	M43	X	-.178	-.178	0	%100
16	M43	Z	.103	.103	0	%100
17	M46	X	-.355	-.355	0	%100
18	M46	Z	.205	.205	0	%100
19	M51B	X	-.788	-.788	0	%100
20	M51B	Z	.455	.455	0	%100
21	M52B	X	-.197	-.197	0	%100
22	M52B	Z	.114	.114	0	%100
23	M76	X	-1.065	-1.065	0	%100
24	M76	Z	.615	.615	0	%100
25	M77	X	-1.446	-1.446	0	%100
26	M77	Z	.835	.835	0	%100
27	M80	X	-1.523	-1.523	0	%100
28	M80	Z	.879	.879	0	%100
29	M84	X	-1.065	-1.065	0	%100
30	M84	Z	.615	.615	0	%100
31	M85	X	-.362	-.362	0	%100
32	M85	Z	.209	.209	0	%100
33	M91	X	-.381	-.381	0	%100
34	M91	Z	.22	.22	0	%100
35	M34	X	0	0	0	%100
36	M34	Z	0	0	0	%100
37	M35	X	-.712	-.712	0	%100
38	M35	Z	.411	.411	0	%100
39	M36	X	-.712	-.712	0	%100
40	M36	Z	.411	.411	0	%100
41	M37	X	-1.42	-1.42	0	%100
42	M37	Z	.82	.82	0	%100
43	M40	X	-.197	-.197	0	%100
44	M40	Z	.114	.114	0	%100
45	M41	X	-.197	-.197	0	%100
46	M41	Z	.114	.114	0	%100
47	M45	X	0	0	0	%100
48	M45	Z	0	0	0	%100
49	M46A	X	-.362	-.362	0	%100
50	M46A	Z	.209	.209	0	%100
51	M48	X	-.381	-.381	0	%100
52	M48	Z	.22	.22	0	%100
53	M50A	X	0	0	0	%100
54	M50A	Z	0	0	0	%100
55	M51C	X	-.362	-.362	0	%100
56	M51C	Z	.209	.209	0	%100
57	M53	X	-.381	-.381	0	%100
58	M53	Z	.22	.22	0	%100
59	M58A	X	-.631	-.631	0	%100
60	M58A	Z	.364	.364	0	%100
61	M59A	X	-.178	-.178	0	%100
62	M59A	Z	.103	.103	0	%100
63	M60	X	-.178	-.178	0	%100
64	M60	Z	.103	.103	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
65	M61	X	-.355	-.355	0	%100
66	M61	Z	.205	.205	0	%100
67	M64	X	-.197	-.197	0	%100
68	M64	Z	.114	.114	0	%100
69	M65	X	-.788	-.788	0	%100
70	M65	Z	.455	.455	0	%100
71	M69	X	-1.065	-1.065	0	%100
72	M69	Z	.615	.615	0	%100
73	M70	X	-.362	-.362	0	%100
74	M70	Z	.209	.209	0	%100
75	M72	X	-.381	-.381	0	%100
76	M72	Z	.22	.22	0	%100
77	M74	X	-1.065	-1.065	0	%100
78	M74	Z	.615	.615	0	%100
79	M75	X	-1.446	-1.446	0	%100
80	M75	Z	.835	.835	0	%100
81	M77A	X	-1.523	-1.523	0	%100
82	M77A	Z	.879	.879	0	%100
83	M82	X	-.723	-.723	0	%100
84	M82	Z	.418	.418	0	%100
85	MP3C	X	-.68	-.68	0	%100
86	MP3C	Z	.393	.393	0	%100
87	MP4C	X	-.562	-.562	0	%100
88	MP4C	Z	.324	.324	0	%100
89	MP2C	X	-.68	-.68	0	%100
90	MP2C	Z	.393	.393	0	%100
91	MP1C	X	-.68	-.68	0	%100
92	MP1C	Z	.393	.393	0	%100
93	M91A	X	-.181	-.181	0	%100
94	M91A	Z	.104	.104	0	%100
95	MP3B	X	-.68	-.68	0	%100
96	MP3B	Z	.393	.393	0	%100
97	MP4B	X	-.562	-.562	0	%100
98	MP4B	Z	.324	.324	0	%100
99	MP2B	X	-.68	-.68	0	%100
100	MP2B	Z	.393	.393	0	%100
101	MP1B	X	-.68	-.68	0	%100
102	MP1B	Z	.393	.393	0	%100
103	M100	X	-.17	-.17	0	%100
104	M100	Z	.098	.098	0	%100
105	M105	X	-.68	-.68	0	%100
106	M105	Z	.393	.393	0	%100
107	M110	X	-.17	-.17	0	%100
108	M110	Z	.098	.098	0	%100
109	M121	X	-.797	-.797	0	%100
110	M121	Z	.46	.46	0	%100
111	M122	X	-.199	-.199	0	%100
112	M122	Z	.115	.115	0	%100
113	M123	X	-.199	-.199	0	%100
114	M123	Z	.115	.115	0	%100
115	M124	X	-.989	-.989	0	%100
116	M124	Z	.571	.571	0	%100
117	M125	X	-.62	-.62	0	%100
118	M125	Z	.358	.358	0	%100
119	M126	X	-.989	-.989	0	%100
120	M126	Z	.571	.571	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	-.971	-.971	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	MP3A	X	-.786	-.786	0	%100
8	MP3A	Z	0	0	0	%100
9	MP4A	X	-.649	-.649	0	%100
10	MP4A	Z	0	0	0	%100
11	MP2A	X	-.786	-.786	0	%100
12	MP2A	Z	0	0	0	%100
13	MP1A	X	-.786	-.786	0	%100
14	MP1A	Z	0	0	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	0	0	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	0	0	0	%100
19	M51B	X	-.683	-.683	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	-.683	-.683	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	-1.639	-1.639	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	-1.252	-1.252	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	-1.319	-1.319	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	-1.639	-1.639	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	-1.252	-1.252	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	-1.319	-1.319	0	%100
34	M91	Z	0	0	0	%100
35	M34	X	-.243	-.243	0	%100
36	M34	Z	0	0	0	%100
37	M35	X	-.616	-.616	0	%100
38	M35	Z	0	0	0	%100
39	M36	X	-.616	-.616	0	%100
40	M36	Z	0	0	0	%100
41	M37	X	-1.23	-1.23	0	%100
42	M37	Z	0	0	0	%100
43	M40	X	-.683	-.683	0	%100
44	M40	Z	0	0	0	%100
45	M41	X	0	0	0	%100
46	M41	Z	0	0	0	%100
47	M45	X	-.41	-.41	0	%100
48	M45	Z	0	0	0	%100
49	M46A	X	-1.252	-1.252	0	%100
50	M46A	Z	0	0	0	%100
51	M48	X	-1.319	-1.319	0	%100
52	M48	Z	0	0	0	%100
53	M50A	X	-.41	-.41	0	%100
54	M50A	Z	0	0	0	%100
55	M51C	X	0	0	0	%100
56	M51C	Z	0	0	0	%100
57	M53	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	M53	Z	0	0	0	%100
59	M58A	X	-.243	-.243	0	%100
60	M58A	Z	0	0	0	%100
61	M59A	X	-.616	-.616	0	%100
62	M59A	Z	0	0	0	%100
63	M60	X	-.616	-.616	0	%100
64	M60	Z	0	0	0	%100
65	M61	X	-1.23	-1.23	0	%100
66	M61	Z	0	0	0	%100
67	M64	X	0	0	0	%100
68	M64	Z	0	0	0	%100
69	M65	X	-.683	-.683	0	%100
70	M65	Z	0	0	0	%100
71	M69	X	-.41	-.41	0	%100
72	M69	Z	0	0	0	%100
73	M70	X	0	0	0	%100
74	M70	Z	0	0	0	%100
75	M72	X	0	0	0	%100
76	M72	Z	0	0	0	%100
77	M74	X	-.41	-.41	0	%100
78	M74	Z	0	0	0	%100
79	M75	X	-1.252	-1.252	0	%100
80	M75	Z	0	0	0	%100
81	M77A	X	-1.319	-1.319	0	%100
82	M77A	Z	0	0	0	%100
83	M82	X	-.626	-.626	0	%100
84	M82	Z	0	0	0	%100
85	MP3C	X	-.786	-.786	0	%100
86	MP3C	Z	0	0	0	%100
87	MP4C	X	-.649	-.649	0	%100
88	MP4C	Z	0	0	0	%100
89	MP2C	X	-.786	-.786	0	%100
90	MP2C	Z	0	0	0	%100
91	MP1C	X	-.786	-.786	0	%100
92	MP1C	Z	0	0	0	%100
93	M91A	X	-.626	-.626	0	%100
94	M91A	Z	0	0	0	%100
95	MP3B	X	-.786	-.786	0	%100
96	MP3B	Z	0	0	0	%100
97	MP4B	X	-.649	-.649	0	%100
98	MP4B	Z	0	0	0	%100
99	MP2B	X	-.786	-.786	0	%100
100	MP2B	Z	0	0	0	%100
101	MP1B	X	-.786	-.786	0	%100
102	MP1B	Z	0	0	0	%100
103	M100	X	0	0	0	%100
104	M100	Z	0	0	0	%100
105	M105	X	-.589	-.589	0	%100
106	M105	Z	0	0	0	%100
107	M110	X	-.589	-.589	0	%100
108	M110	Z	0	0	0	%100
109	M121	X	-.69	-.69	0	%100
110	M121	Z	0	0	0	%100
111	M122	X	-.69	-.69	0	%100
112	M122	Z	0	0	0	%100
113	M123	X	0	0	0	%100
114	M123	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
115	M124	X	-1.285	-1.285	0	%100
116	M124	Z	0	0	0	%100
117	M125	X	-.858	-.858	0	%100
118	M125	Z	0	0	0	%100
119	M126	X	-.858	-.858	0	%100
120	M126	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.181	-.181	0	%100
2	M1	Z	-.104	-.104	0	%100
3	M4	X	-.631	-.631	0	%100
4	M4	Z	-.364	-.364	0	%100
5	M10	X	-.178	-.178	0	%100
6	M10	Z	-.103	-.103	0	%100
7	MP3A	X	-.68	-.68	0	%100
8	MP3A	Z	-.393	-.393	0	%100
9	MP4A	X	-.562	-.562	0	%100
10	MP4A	Z	-.324	-.324	0	%100
11	MP2A	X	-.68	-.68	0	%100
12	MP2A	Z	-.393	-.393	0	%100
13	MP1A	X	-.68	-.68	0	%100
14	MP1A	Z	-.393	-.393	0	%100
15	M43	X	-.178	-.178	0	%100
16	M43	Z	-.103	-.103	0	%100
17	M46	X	-.355	-.355	0	%100
18	M46	Z	-.205	-.205	0	%100
19	M51B	X	-.197	-.197	0	%100
20	M51B	Z	-.114	-.114	0	%100
21	M52B	X	-.788	-.788	0	%100
22	M52B	Z	-.455	-.455	0	%100
23	M76	X	-1.065	-1.065	0	%100
24	M76	Z	-.615	-.615	0	%100
25	M77	X	-.362	-.362	0	%100
26	M77	Z	-.209	-.209	0	%100
27	M80	X	-.381	-.381	0	%100
28	M80	Z	-.22	-.22	0	%100
29	M84	X	-1.065	-1.065	0	%100
30	M84	Z	-.615	-.615	0	%100
31	M85	X	-1.446	-1.446	0	%100
32	M85	Z	-.835	-.835	0	%100
33	M91	X	-1.523	-1.523	0	%100
34	M91	Z	-.879	-.879	0	%100
35	M34	X	-.631	-.631	0	%100
36	M34	Z	-.364	-.364	0	%100
37	M35	X	-.178	-.178	0	%100
38	M35	Z	-.103	-.103	0	%100
39	M36	X	-.178	-.178	0	%100
40	M36	Z	-.103	-.103	0	%100
41	M37	X	-.355	-.355	0	%100
42	M37	Z	-.205	-.205	0	%100
43	M40	X	-.788	-.788	0	%100
44	M40	Z	-.455	-.455	0	%100
45	M41	X	-.197	-.197	0	%100
46	M41	Z	-.114	-.114	0	%100
47	M45	X	-1.065	-1.065	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
48	M45	Z	-.615	-.615	0	%100
49	M46A	X	-1.446	-1.446	0	%100
50	M46A	Z	-.835	-.835	0	%100
51	M48	X	-1.523	-1.523	0	%100
52	M48	Z	-.879	-.879	0	%100
53	M50A	X	-1.065	-1.065	0	%100
54	M50A	Z	-.615	-.615	0	%100
55	M51C	X	-.362	-.362	0	%100
56	M51C	Z	-.209	-.209	0	%100
57	M53	X	-.381	-.381	0	%100
58	M53	Z	-.22	-.22	0	%100
59	M58A	X	0	0	0	%100
60	M58A	Z	0	0	0	%100
61	M59A	X	-.712	-.712	0	%100
62	M59A	Z	-.411	-.411	0	%100
63	M60	X	-.712	-.712	0	%100
64	M60	Z	-.411	-.411	0	%100
65	M61	X	-1.42	-1.42	0	%100
66	M61	Z	-.82	-.82	0	%100
67	M64	X	-.197	-.197	0	%100
68	M64	Z	-.114	-.114	0	%100
69	M65	X	-.197	-.197	0	%100
70	M65	Z	-.114	-.114	0	%100
71	M69	X	0	0	0	%100
72	M69	Z	0	0	0	%100
73	M70	X	-.362	-.362	0	%100
74	M70	Z	-.209	-.209	0	%100
75	M72	X	-.381	-.381	0	%100
76	M72	Z	-.22	-.22	0	%100
77	M74	X	0	0	0	%100
78	M74	Z	0	0	0	%100
79	M75	X	-.362	-.362	0	%100
80	M75	Z	-.209	-.209	0	%100
81	M77A	X	-.381	-.381	0	%100
82	M77A	Z	-.22	-.22	0	%100
83	M82	X	-.181	-.181	0	%100
84	M82	Z	-.104	-.104	0	%100
85	MP3C	X	-.68	-.68	0	%100
86	MP3C	Z	-.393	-.393	0	%100
87	MP4C	X	-.562	-.562	0	%100
88	MP4C	Z	-.324	-.324	0	%100
89	MP2C	X	-.68	-.68	0	%100
90	MP2C	Z	-.393	-.393	0	%100
91	MP1C	X	-.68	-.68	0	%100
92	MP1C	Z	-.393	-.393	0	%100
93	M91A	X	-.723	-.723	0	%100
94	M91A	Z	-.418	-.418	0	%100
95	MP3B	X	-.68	-.68	0	%100
96	MP3B	Z	-.393	-.393	0	%100
97	MP4B	X	-.562	-.562	0	%100
98	MP4B	Z	-.324	-.324	0	%100
99	MP2B	X	-.68	-.68	0	%100
100	MP2B	Z	-.393	-.393	0	%100
101	MP1B	X	-.68	-.68	0	%100
102	MP1B	Z	-.393	-.393	0	%100
103	M100	X	-.17	-.17	0	%100
104	M100	Z	-.098	-.098	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
105	M105	X	-.17	-.17	0	%100
106	M105	Z	-.098	-.098	0	%100
107	M110	X	-.68	-.68	0	%100
108	M110	Z	-.393	-.393	0	%100
109	M121	X	-.199	-.199	0	%100
110	M121	Z	-.115	-.115	0	%100
111	M122	X	-.797	-.797	0	%100
112	M122	Z	-.46	-.46	0	%100
113	M123	X	-.199	-.199	0	%100
114	M123	Z	-.115	-.115	0	%100
115	M124	X	-.989	-.989	0	%100
116	M124	Z	-.571	-.571	0	%100
117	M125	X	-.989	-.989	0	%100
118	M125	Z	-.571	-.571	0	%100
119	M126	X	-.62	-.62	0	%100
120	M126	Z	-.358	-.358	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.313	-.313	0	%100
2	M1	Z	-.542	-.542	0	%100
3	M4	X	-.121	-.121	0	%100
4	M4	Z	-.21	-.21	0	%100
5	M10	X	-.308	-.308	0	%100
6	M10	Z	-.534	-.534	0	%100
7	MP3A	X	-.393	-.393	0	%100
8	MP3A	Z	-.68	-.68	0	%100
9	MP4A	X	-.324	-.324	0	%100
10	MP4A	Z	-.562	-.562	0	%100
11	MP2A	X	-.393	-.393	0	%100
12	MP2A	Z	-.68	-.68	0	%100
13	MP1A	X	-.393	-.393	0	%100
14	MP1A	Z	-.68	-.68	0	%100
15	M43	X	-.308	-.308	0	%100
16	M43	Z	-.534	-.534	0	%100
17	M46	X	-.615	-.615	0	%100
18	M46	Z	-1.065	-1.065	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	-.341	-.341	0	%100
22	M52B	Z	-.591	-.591	0	%100
23	M76	X	-.205	-.205	0	%100
24	M76	Z	-.355	-.355	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	-.205	-.205	0	%100
30	M84	Z	-.355	-.355	0	%100
31	M85	X	-.626	-.626	0	%100
32	M85	Z	-1.085	-1.085	0	%100
33	M91	X	-.66	-.66	0	%100
34	M91	Z	-1.142	-1.142	0	%100
35	M34	X	-.486	-.486	0	%100
36	M34	Z	-.841	-.841	0	%100
37	M35	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
38	M35	Z	0	0	0	%100
39	M36	X	0	0	0	%100
40	M36	Z	0	0	0	%100
41	M37	X	0	0	0	%100
42	M37	Z	0	0	0	%100
43	M40	X	-.341	-.341	0	%100
44	M40	Z	-.591	-.591	0	%100
45	M41	X	-.341	-.341	0	%100
46	M41	Z	-.591	-.591	0	%100
47	M45	X	-.82	-.82	0	%100
48	M45	Z	-1.42	-1.42	0	%100
49	M46A	X	-.626	-.626	0	%100
50	M46A	Z	-1.085	-1.085	0	%100
51	M48	X	-.66	-.66	0	%100
52	M48	Z	-1.142	-1.142	0	%100
53	M50A	X	-.82	-.82	0	%100
54	M50A	Z	-1.42	-1.42	0	%100
55	M51C	X	-.626	-.626	0	%100
56	M51C	Z	-1.085	-1.085	0	%100
57	M53	X	-.66	-.66	0	%100
58	M53	Z	-1.142	-1.142	0	%100
59	M58A	X	-.121	-.121	0	%100
60	M58A	Z	-.21	-.21	0	%100
61	M59A	X	-.308	-.308	0	%100
62	M59A	Z	-.534	-.534	0	%100
63	M60	X	-.308	-.308	0	%100
64	M60	Z	-.534	-.534	0	%100
65	M61	X	-.615	-.615	0	%100
66	M61	Z	-1.065	-1.065	0	%100
67	M64	X	-.341	-.341	0	%100
68	M64	Z	-.591	-.591	0	%100
69	M65	X	0	0	0	%100
70	M65	Z	0	0	0	%100
71	M69	X	-.205	-.205	0	%100
72	M69	Z	-.355	-.355	0	%100
73	M70	X	-.626	-.626	0	%100
74	M70	Z	-1.085	-1.085	0	%100
75	M72	X	-.66	-.66	0	%100
76	M72	Z	-1.142	-1.142	0	%100
77	M74	X	-.205	-.205	0	%100
78	M74	Z	-.355	-.355	0	%100
79	M75	X	0	0	0	%100
80	M75	Z	0	0	0	%100
81	M77A	X	0	0	0	%100
82	M77A	Z	0	0	0	%100
83	M82	X	0	0	0	%100
84	M82	Z	0	0	0	%100
85	MP3C	X	-.393	-.393	0	%100
86	MP3C	Z	-.68	-.68	0	%100
87	MP4C	X	-.324	-.324	0	%100
88	MP4C	Z	-.562	-.562	0	%100
89	MP2C	X	-.393	-.393	0	%100
90	MP2C	Z	-.68	-.68	0	%100
91	MP1C	X	-.393	-.393	0	%100
92	MP1C	Z	-.68	-.68	0	%100
93	M91A	X	-.313	-.313	0	%100
94	M91A	Z	-.542	-.542	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
95	MP3B	X	-.393	-.393	0	%100
96	MP3B	Z	-.68	-.68	0	%100
97	MP4B	X	-.324	-.324	0	%100
98	MP4B	Z	-.562	-.562	0	%100
99	MP2B	X	-.393	-.393	0	%100
100	MP2B	Z	-.68	-.68	0	%100
101	MP1B	X	-.393	-.393	0	%100
102	MP1B	Z	-.68	-.68	0	%100
103	M100	X	-.295	-.295	0	%100
104	M100	Z	-.51	-.51	0	%100
105	M105	X	0	0	0	%100
106	M105	Z	0	0	0	%100
107	M110	X	-.295	-.295	0	%100
108	M110	Z	-.51	-.51	0	%100
109	M121	X	0	0	0	%100
110	M121	Z	0	0	0	%100
111	M122	X	-.345	-.345	0	%100
112	M122	Z	-.597	-.597	0	%100
113	M123	X	-.345	-.345	0	%100
114	M123	Z	-.597	-.597	0	%100
115	M124	X	-.429	-.429	0	%100
116	M124	Z	-.743	-.743	0	%100
117	M125	X	-.642	-.642	0	%100
118	M125	Z	-1.113	-1.113	0	%100
119	M126	X	-.429	-.429	0	%100
120	M126	Z	-.743	-.743	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M40	Y	-1.661	-4.228	0	.832
2	M40	Y	-4.228	-6.902	.832	1.665
3	M40	Y	-6.902	-8.189	1.665	2.497
4	M40	Y	-8.189	-6.545	2.497	3.329
5	M40	Y	-6.545	-3.463	3.329	4.162
6	M41	Y	-3.462	-6.573	0	.832
7	M41	Y	-6.573	-8.26	.832	1.665
8	M41	Y	-8.26	-7.044	1.665	2.497
9	M41	Y	-7.044	-4.426	2.497	3.329
10	M41	Y	-4.426	-1.884	3.329	4.162
11	M64	Y	-1.879	-4.428	0	.832
12	M64	Y	-4.428	-7.042	.832	1.665
13	M64	Y	-7.042	-8.256	1.665	2.497
14	M64	Y	-8.256	-6.578	2.497	3.329
15	M64	Y	-6.578	-3.47	3.329	4.162
16	M65	Y	-3.463	-6.545	0	.832
17	M65	Y	-6.545	-8.189	.832	1.665
18	M65	Y	-8.189	-6.9	1.665	2.497
19	M65	Y	-6.9	-4.227	2.497	3.329
20	M65	Y	-4.227	-1.665	3.329	4.162
21	M51B	Y	-1.661	-4.228	0	.832
22	M51B	Y	-4.228	-6.902	.832	1.665
23	M51B	Y	-6.902	-8.189	1.665	2.497
24	M51B	Y	-8.189	-6.545	2.497	3.329
25	M51B	Y	-6.545	-3.463	3.329	4.162
26	M52B	Y	-3.462	-6.573	0	.832
27	M52B	Y	-6.573	-8.26	.832	1.665

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
28	M52B	Y	-8.26	-7.044	1.665	2.497
29	M52B	Y	-7.044	-4.426	2.497	3.329
30	M52B	Y	-4.426	-1.884	3.329	4.162

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M40	Y	-3.234	-8.23	0	.832
2	M40	Y	-8.23	-13.433	.832	1.665
3	M40	Y	-13.433	-15.938	1.665	2.497
4	M40	Y	-15.938	-12.738	2.497	3.329
5	M40	Y	-12.738	-6.74	3.329	4.162
6	M41	Y	-6.738	-12.794	0	.832
7	M41	Y	-12.794	-16.078	.832	1.665
8	M41	Y	-16.078	-13.711	1.665	2.497
9	M41	Y	-13.711	-8.615	2.497	3.329
10	M41	Y	-8.615	-3.668	3.329	4.162
11	M64	Y	-3.658	-8.619	0	.832
12	M64	Y	-8.619	-13.705	.832	1.665
13	M64	Y	-13.705	-16.07	1.665	2.497
14	M64	Y	-16.07	-12.803	2.497	3.329
15	M64	Y	-12.803	-6.753	3.329	4.162
16	M65	Y	-6.74	-12.738	0	.832
17	M65	Y	-12.738	-15.938	.832	1.665
18	M65	Y	-15.938	-13.429	1.665	2.497
19	M65	Y	-13.429	-8.227	2.497	3.329
20	M65	Y	-8.227	-3.242	3.329	4.162
21	M51B	Y	-3.234	-8.23	0	.832
22	M51B	Y	-8.23	-13.433	.832	1.665
23	M51B	Y	-13.433	-15.938	1.665	2.497
24	M51B	Y	-15.938	-12.738	2.497	3.329
25	M51B	Y	-12.738	-6.74	3.329	4.162
26	M52B	Y	-6.738	-12.794	0	.832
27	M52B	Y	-12.794	-16.078	.832	1.665
28	M52B	Y	-16.078	-13.711	1.665	2.497
29	M52B	Y	-13.711	-8.615	2.497	3.329
30	M52B	Y	-8.615	-3.668	3.329	4.162

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M40	Y	-.069	-.175	0	.832
2	M40	Y	-.175	-.285	.832	1.665
3	M40	Y	-.285	-.339	1.665	2.497
4	M40	Y	-.339	-.271	2.497	3.329
5	M40	Y	-.271	-.143	3.329	4.162
6	M41	Y	-.143	-.272	0	.832
7	M41	Y	-.272	-.342	.832	1.665
8	M41	Y	-.342	-.291	1.665	2.497
9	M41	Y	-.291	-.183	2.497	3.329
10	M41	Y	-.183	-.078	3.329	4.162
11	M64	Y	-.078	-.183	0	.832
12	M64	Y	-.183	-.291	.832	1.665
13	M64	Y	-.291	-.341	1.665	2.497
14	M64	Y	-.341	-.272	2.497	3.329
15	M64	Y	-.272	-.143	3.329	4.162
16	M65	Y	-.143	-.271	0	.832
17	M65	Y	-.271	-.339	.832	1.665

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
18	M65	Y	-.339	-.285	1.665	2.497
19	M65	Y	-.285	-.175	2.497	3.329
20	M65	Y	-.175	-.069	3.329	4.162
21	M51B	Y	-.069	-.175	0	.832
22	M51B	Y	-.175	-.285	.832	1.665
23	M51B	Y	-.285	-.339	1.665	2.497
24	M51B	Y	-.339	-.271	2.497	3.329
25	M51B	Y	-.271	-.143	3.329	4.162
26	M52B	Y	-.143	-.272	0	.832
27	M52B	Y	-.272	-.342	.832	1.665
28	M52B	Y	-.342	-.291	1.665	2.497
29	M52B	Y	-.291	-.183	2.497	3.329
30	M52B	Y	-.183	-.078	3.329	4.162

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M40	Z	-.172	-.437	0	.832
2	M40	Z	-.437	-.714	.832	1.665
3	M40	Z	-.714	-.847	1.665	2.497
4	M40	Z	-.847	-.677	2.497	3.329
5	M40	Z	-.677	-.358	3.329	4.162
6	M41	Z	-.358	-.68	0	.832
7	M41	Z	-.68	-.855	.832	1.665
8	M41	Z	-.855	-.729	1.665	2.497
9	M41	Z	-.729	-.458	2.497	3.329
10	M41	Z	-.458	-.195	3.329	4.162
11	M64	Z	-.194	-.458	0	.832
12	M64	Z	-.458	-.729	.832	1.665
13	M64	Z	-.729	-.854	1.665	2.497
14	M64	Z	-.854	-.681	2.497	3.329
15	M64	Z	-.681	-.359	3.329	4.162
16	M65	Z	-.358	-.677	0	.832
17	M65	Z	-.677	-.847	.832	1.665
18	M65	Z	-.847	-.714	1.665	2.497
19	M65	Z	-.714	-.437	2.497	3.329
20	M65	Z	-.437	-.172	3.329	4.162
21	M51B	Z	-.172	-.437	0	.832
22	M51B	Z	-.437	-.714	.832	1.665
23	M51B	Z	-.714	-.847	1.665	2.497
24	M51B	Z	-.847	-.677	2.497	3.329
25	M51B	Z	-.677	-.358	3.329	4.162
26	M52B	Z	-.358	-.68	0	.832
27	M52B	Z	-.68	-.855	.832	1.665
28	M52B	Z	-.855	-.729	1.665	2.497
29	M52B	Z	-.729	-.458	2.497	3.329
30	M52B	Z	-.458	-.195	3.329	4.162

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M40	X	.172	.437	0	.832
2	M40	X	.437	.714	.832	1.665
3	M40	X	.714	.847	1.665	2.497
4	M40	X	.847	.677	2.497	3.329
5	M40	X	.677	.358	3.329	4.162
6	M41	X	.358	.68	0	.832
7	M41	X	.68	.855	.832	1.665

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
8	M41	X	.855	.729	1.665	2.497
9	M41	X	.729	.458	2.497	3.329
10	M41	X	.458	.195	3.329	4.162
11	M64	X	.194	.458	0	.832
12	M64	X	.458	.729	.832	1.665
13	M64	X	.729	.854	1.665	2.497
14	M64	X	.854	.681	2.497	3.329
15	M64	X	.681	.359	3.329	4.162
16	M65	X	.358	.677	0	.832
17	M65	X	.677	.847	.832	1.665
18	M65	X	.847	.714	1.665	2.497
19	M65	X	.714	.437	2.497	3.329
20	M65	X	.437	.172	3.329	4.162
21	M51B	X	.172	.437	0	.832
22	M51B	X	.437	.714	.832	1.665
23	M51B	X	.714	.847	1.665	2.497
24	M51B	X	.847	.677	2.497	3.329
25	M51B	X	.677	.358	3.329	4.162
26	M52B	X	.358	.68	0	.832
27	M52B	X	.68	.855	.832	1.665
28	M52B	X	.855	.729	1.665	2.497
29	M52B	X	.729	.458	2.497	3.329
30	M52B	X	.458	.195	3.329	4.162

Member Area Loads (BLC 39 : Structure D)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N79	N77	N54	N55	Y	Two Way	-.005
2	N83	N84	N108	N106	Y	Two Way	-.005
3	N6	N7	N87B	N87C	Y	Two Way	-.005

Member Area Loads (BLC 40 : Structure Di)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N79	N77	N54	N55	Y	Two Way	-.01
2	N83	N84	N108	N106	Y	Two Way	-.01
3	N6	N7	N87B	N87C	Y	Two Way	-.01

Member Area Loads (BLC 84 : Structure Ev)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N79	N77	N54	N55	Y	Two Way	-.000215
2	N83	N84	N108	N106	Y	Two Way	-.000215
3	N6	N7	N87B	N87C	Y	Two Way	-.000215

Member Area Loads (BLC 85 : Structure Eh (0 Deg))

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N79	N77	N54	N55	Z	Two Way	-.000538
2	N83	N84	N108	N106	Z	Two Way	-.000538
3	N6	N7	N87B	N87C	Z	Two Way	-.000538

Member Area Loads (BLC 86 : Structure Eh (90 Deg))

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N79	N77	N54	N55	X	Two Way	.000538
2	N83	N84	N108	N106	X	Two Way	.000538
3	N6	N7	N87B	N87C	X	Two Way	.000538

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

	Member	Shape	Code Check	L...	LC	Shear C...	Loc...	...	...	phi*P...	phi*P...	phi*M...	phi*M...	...	Eqn
1	M1	PIPE_3.0	.264	1...	4	.114	4.1...		7	28250...	65205	5.749	5.749	...	H1-1b
2	M4	HSS4X4...	.133	0	10	.083	0	z	10	12465...	139518	16.181	16.181	...	H1-1b
3	M10	HSS4X4...	.094	2....	2	.052	.223	z	1	13626...	139518	16.181	16.181	...	H1-1b
4	MP3A	PIPE_2.5	.381	7....	10	.149	7.4...		8	26137...	50715	3.596	3.596	...	H1-1b
5	MP4A	PIPE_2.0	.440	4....	10	.217	.438		7	17855...	32130	1.872	1.872	...	H1-1b
6	MP2A	PIPE_2.5	.376	7....	10	.089	4.5		9	26137...	50715	3.596	3.596	...	H1-1b
7	MP1A	PIPE_2.5	.524	7....	5	.306	7.4...		6	26137...	50715	3.596	3.596	...	H3-6
8	M43	HSS4X4...	.093	0	24	.053	2.1...	z	1	13626...	139518	16.181	16.181	...	H1-1b
9	M46	PL1/2x6	.297	.5...	1	.160	.516	y	12	66009...	97200	1.012	12.15	...	H1-1b
10	M51B	L2x2x4	.148	0	2	.008	0	y	17	12728...	30585...	.691	1.532	...	H2-1
11	M52B	L2x2x4	.159	4....	12	.012	4.1...	y	21	12728...	30585...	.691	1.521	...	H2-1
12	M76	PL3/8x6	.254	0	10	.196	0	y	12	70677...	72900	.57	9.113	...	H1-1b
13	M77	PL3/8x6	.325	.1...	7	.164	0	y	24	71601...	72900	.57	9.113	...	H1-1b
14	M80	PL1/2x6	.097	.1...	1	.273	0	y	12	96757...	97200	1.012	12.15	...	H1-1b
15	M84	PL3/8x6	.350	0	1	.297	0	y	8	70677...	72900	.57	9.113	...	H1-1b
16	M85	PL3/8x6	.349	.1...	7	.162	0	y	14	71601...	72900	.57	9.113	...	H1-1b
17	M91	PL1/2x6	.105	.1...	1	.236	0	y	2	96757...	97200	1.012	12.15	...	H1-1b
18	M34	HSS4X4...	.135	0	6	.090	0	z	6	12465...	139518	16.181	16.181	...	H1-1b
19	M35	HSS4X4...	.105	2....	10	.047	.223	z	9	13626...	139518	16.181	16.181	...	H1-1b
20	M36	HSS4X4...	.099	0	20	.052	2.1...	z	9	13626...	139518	16.181	16.181	...	H1-1b
21	M37	PL1/2x6	.270	.5...	9	.150	.516	y	8	66009...	97200	1.012	12.15	...	H1-1b
22	M40	L2x2x4	.145	0	10	.008	0	y	24	12728...	30585...	.691	1.532	...	H2-1
23	M41	L2x2x4	.152	4....	8	.012	4.1...	y	17	12728...	30585...	.691	1.521	...	H2-1
24	M45	PL3/8x6	.252	0	6	.113	0	y	2	70677...	72900	.57	9.113	...	H1-1b
25	M46A	PL3/8x6	.289	.1...	3	.173	0	y	20	71601...	72900	.57	9.113	...	H1-1b
26	M48	PL1/2x6	.089	.1...	9	.240	0	y	8	96757...	97200	1.012	12.15	...	H1-1b
27	M50A	PL3/8x6	.332	0	9	.331	0	y	4	70677...	72900	.57	9.113	...	H1-1b
28	M51C	PL3/8x6	.323	.1...	3	.210	0	y	46	71601...	72900	.57	9.113	...	H1-1b
29	M53	PL1/2x6	.095	.1...	9	.230	0	y	10	96757...	97200	1.012	12.15	...	H1-1b
30	M58A	HSS4X4...	.135	0	2	.096	0	z	2	12465...	139518	16.181	16.181	...	H1-1b
31	M59A	HSS4X4...	.119	2....	5	.057	.223	z	5	13626...	139518	16.181	16.181	...	H1-1b
32	M60	HSS4X4...	.105	0	5	.052	2.1...	z	5	13626...	139518	16.181	16.181	...	H1-1b
33	M61	PL1/2x6	.295	.5...	5	.172	.516	y	6	66009...	97200	1.012	12.15	...	H1-1b
34	M64	L2x2x4	.158	0	6	.008	0	y	20	12728...	30585...	.691	1.521	...	H2-1
35	M65	L2x2x4	.152	4....	4	.012	4.1...	y	13	12728...	30585...	.691	1.532	...	H2-1
36	M69	PL3/8x6	.221	0	2	.149	0	y	28	70677...	72900	.57	9.113	...	H1-1b
37	M70	PL3/8x6	.324	.1...	11	.198	0	y	16	71601...	72900	.57	9.113	...	H1-1b
38	M72	PL1/2x6	.096	.1...	5	.233	0	y	4	96757...	97200	1.012	12.15	...	H1-1b
39	M74	PL3/8x6	.355	0	5	.247	0	y	12	70677...	72900	.57	9.113	...	H1-1b
40	M75	PL3/8x6	.342	.1...	11	.173	0	y	17	71601...	72900	.57	9.113	...	H1-1b
41	M77A	PL1/2x6	.100	.1...	5	.231	0	y	6	96757...	97200	1.012	12.15	...	H1-1b
42	M82	PIPE_3.0	.257	1....	12	.109	8.4...		3	28250...	65205	5.749	5.749	...	H1-1b
43	MP3C	PIPE_2.5	.459	7....	6	.155	7.4...		4	26137...	50715	3.596	3.596	...	H1-1b
44	MP4C	PIPE_2.0	.375	4....	6	.167	.438		2	17855...	32130	1.872	1.872	...	H1-1b
45	MP2C	PIPE_2.5	.436	7....	6	.101	4.5		6	26137...	50715	3.596	3.596	...	H1-1b
46	MP1C	PIPE_2.5	.456	7....	12	.289	7.4...		2	26137...	50715	3.596	3.596	...	H1-1b
47	M91A	PIPE_3.0	.227	1....	8	.099	8.4...		11	28250...	65205	5.749	5.749	...	H1-1b
48	MP3B	PIPE_2.5	.389	7....	2	.161	7.4...		12	26137...	50715	3.596	3.596	...	H1-1b
49	MP4B	PIPE_2.0	.455	4....	1	.206	.438		11	17855...	32130	1.872	1.872	...	H1-1b
50	MP2B	PIPE_2.5	.389	7....	2	.099	7.4...		7	26137...	50715	3.596	3.596	...	H1-1b
51	MP1B	PIPE_2.5	.431	7....	8	.301	7.4...		10	26137...	50715	3.596	3.596	...	H1-1b
52	M100	PIPE_2.5	.413	2....	7	.161	10....		8	14558...	50715	3.596	3.596	...	H1-1b
53	M105	PIPE_2.5	.421	2....	5	.158	11....		4	14558...	50715	3.596	3.596	...	H1-1b
54	M110	PIPE_2.5	.431	1....	12	.177	11....		12	14558...	50715	3.596	3.596	...	H1-1b
55	M121	L3X3X4	.609	0	11	.139	0	y	6	44536...	46656	1.688	3.756	...	H2-1
56	M122	L3X3X4	.737	0	7	.135	1.4...	y	3	44536...	46656	1.688	3.756	...	H2-1

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

	Member	Shape	Code Check	L...	LC	Shear C...	Loc...	...	...	phi*P...	phi*P...	phi*M...	phi*M...	...	Eqn
57	M123	L3X3X4	.594	0	3	.130	0	y	10	44536...	46656	1.688	3.756	...	H2-1
58	M124	LL3x3x3...	.105	0	1	.008	0	z	10	46303...	70632	6.362	3.751	1	H1-1...
59	M125	LL3x3x3...	.096	0	9	.008	5.3...	z	6	46303...	70632	6.362	3.751	1	H1-1...
60	M126	LL3x3x3...	.099	0	5	.008	5.3...	z	2	46303...	70632	6.362	3.751	1	H1-1...

Envelope Joint Reactions

	Joint		X [lb]	LC	Y [lb]	LC	Z [lb]	LC	MX [k-ft]	LC	MY [k-ft]	LC	MZ [k-ft]	LC
1	N3	max	972.139	10	826.033	19	7182.287	1	.956	19	1.608	4	.786	10
2		min	-977.133	4	114.688	1	-5214.949	7	.132	1	-1.582	10	-.664	4
3	N52	max	5764.776	9	850.658	16	2187.913	3	.476	6	1.593	12	.046	12
4		min	-4078.146	3	256.285	10	-3153.79	9	-.998	48	-1.566	6	-.954	18
5	N81	max	4167.415	11	846.607	13	2634.257	11	.412	8	1.529	8	.75	21
6		min	-5953.862	5	297.704	7	-3662.977	5	-1.167	2	-1.511	2	.016	3
7	N183A	max	63.557	10	2735.685	1	1834.699	7	0	75	0	4	.001	10
8		min	-63.489	4	-1241.29	7	-3977.661	1	0	1	0	10	0	4
9	N186	max	1325.425	3	2509.487	9	1821.518	9	0	6	0	12	0	12
10		min	-3154.568	9	-1035.457	3	-765.134	3	0	12	0	6	0	6
11	N189	max	3261.108	5	2592.518	5	1882.953	5	0	8	0	8	0	8
12		min	-1329.063	11	-1038.328	11	-767.282	11	0	2	0	2	0	2
13	Totals:	max	5980.567	10	6980.542	18	6290.921	1						
14		min	-5980.566	4	2544.509	75	-6290.923	7						

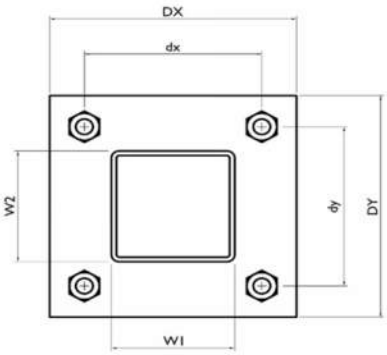
VzW SMART Tool© Vendor

Client:	Verizon Wireless	Date:	7/19/2023
Site Name:	Waterford SE CT		
MDG #:	500094194		
Fuze ID #:	17123894	Page:	1

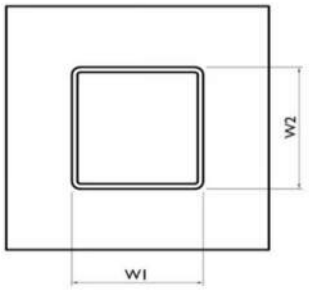
Version 1.01

I. Mount-to-Tower Connection Check

Custom Orientation Required	No
Tower Connection Bolt Checks	Yes
Bolt Orientation	Parallel
Bolt Quantity per Reaction:	4
d_x (in) *(Delta X of typ. bolt config. sketch)* :	6
d_y (in) *(Delta Y of typ. bolt config. sketch)* :	6
Bolt Type:	A325N
Bolt Diameter (in):	0.625
Required Tensile Strength / bolt (kips):	2.3
Required Shear Strength / bolt (kips):	1.0
Tensile Capacity / bolt (kips):	20.7
Shear Capacity / bolt (kips):	12.4
Bolt Overall Utilization:	**11.3%**



Tower Connection Baseplate Checks	Yes
Connecting Standoff Member Shape:	Rect Tube
Weld Stiffener Configuration:	No Stiffeners
Plate Width, D_x (in):	8
Plate Height, D_y (in):	8
W1(in):	4
W2 (in):	4
Member Thickness (in):	0.25
Stiffener location a_1 (in):	
Stiffener location b_1 (in):	
Stiffener location a_2 (in):	
Stiffener location b_2 (in):	
F_y (ksi, plate):	36
Plate Thickness (in):	0.75
Length of Yield Line, L_y (in):	5.85
Bolt Eccentricity, e (in):	1.65
M_u (kip-in):	3.87
Phi*M_n (kip-in):	26.65
Plate Bending Utilization:	**14.5%**



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Client:	Verizon Wireless	Date:	7/19/2023
Site Name:	Waterford SE CT		
PSLC #:	500094194		
Fuze ID #:	17123894	Page:	2

Version 1.01

Tower Connection Weld Checks	Yes
Weld Shape:	Rectangle
Weld Stiffener Configuration:	None
Stiffener Notch Length, n (in):	
Weld Size (1/16 in):	3
W1 (in):	4
W2 (in):	4
Weld Total Length (in):	16.00
Z_x (in^3/in):	21.33
Z_y (in^3/in):	21.33
J_p (in^4/in):	85.33
c_x (in)	2.25
c_y (in)	2.25
Required combined strength (kip/in):	0.95
Weld Capacity (kip/in):	4.18
Weld Utilization:	**22.6%**

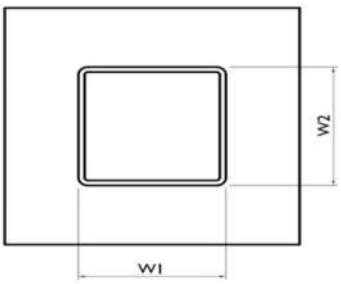

EXHIBIT 5

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Non-Ionizing Electromagnetic Radiation (NIER) Study

Site Number:
310972

Site Name:
Waterford Rebuild CT

Location:
Waterford, Connecticut

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

Prepared For:

American Tower, Inc.
Woburn, Massachusetts

August 24th, 2023

100566 P-404978

Prepared By:

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

Approved By:

08/24/23

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Non-Ionizing Electromagnetic Radiation (NIER) Study

310972 Waterford Rebuild CT
Waterford, 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 310972 Waterford Rebuild CT is located at 15 Minor Ln., in Waterford, Connecticut at coordinates 41.329046, -72.124607. The support structure is a 180' monopole. An aerial view of the tower can be found in Appendix 1, Site Photos. The tenants are AT&T Mobility (AT&T), Dish Wireless (Dish), T-Mobile (T-Mobile), & Verizon Wireless (VZW). A table listing all antennae and effective radiated power (ERP) levels that were used in this study may be found in Appendix 2, Antenna Inventory.

POWER DENSITY CALCULATIONS

Power densities were calculated based on FCC MPE limits for both General Population/Uncontrolled and Occupational/Controlled environments.

For the purpose of this study, a radius of 100' from the base of the tower with a height of 6' above ground level was used, beyond 100' the MPE levels become *di minimus*. This study utilized FCC recognized and accepted software programs using the maximum ERP levels for the antenna models provided by ATC. Diagrams depicting the predicted spatial average power density level at any specific location may be found in Appendix 3, MPE Limit Study. A discussion regarding the FCC limits may be found in Appendix 4, Information Pertaining to MPE Studies. Study methodology describing Non-ionizing Radiation Prediction Models used in this study may be found in Appendix 5, MPE Standards Methodology.

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All data used in this study was collected from one or more of the following sources:

- ATC furnished data and does not include other unidentified communication facilities.
- Load List at 310972 WATERFORD REBUILD CT.RF NIER Study 8/5/23.
- 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

301972 Waterford Rebuild CT

Antenna Inventory

Antenna #	Carrier	Antenna Manufacturer	Antenna Model	Frequency Band (MHz)	Azmiuth (°)	Effective Radiated Power (W)	Radiation Center (ft)
1	Dish	JMA	MX08FRO665-21	600/1900/2100	000	48332	177
2	Dish	JMA	MX08FRO665-21	600/1900/2100	120	48332	177
3	Dish	JMA	MX08FRO665-21	600/1900/2100	240	48332	177
4	Verizon	Commscope	HBXX-6517DS	1900/2100	276	35085	164.8
5	Verizon	Commscope	HBXX-6517DS	1900/2100	277	35085	164.8
6	Verizon	Commscope	HBXX-6517DS	1900/2100	149	35085	164.8
7	Verizon	Commscope	HBXX-6517DS	1900/2100	152	35085	164.8
8	Verizon	Commscope	HBXX-6517DS	1900/2100	033	35085	164.8
9	Verizon	Commscope	HBXX-6517DS	1900/2100	034	35085	164.8
10	Verizon	Antel	QUAD656C0000X	700	153	8589	164.1
11	Verizon	Antel	QUAD656C0000X	700	35	8589	164.1
12	Verizon	Antel	QUAD656C0000X	700	275	8589	164.1
13	Verizon	Generic	Generic	Unknown	039	35085	161.6
14	Verizon	Generic	Generic	Unknown	159	35085	161.6
15	Verizon	Generic	Generic	Unknown	278	35085	161.6
16	Verizon	Samsung	MT6407-77A	700/800	000	1219	160
17	Verizon	Samsung	MT6407-77A	700/800	150	1219	160
18	Verizon	Samsung	MT6407-77A	700/800	270	1219	160
19	Verizon	Commscope	JAHH-65B-R3B	700/800/1900/2100	000	32168	160
20	Verizon	Commscope	JAHH-65B-R3B	700/800/1900/2100	150	32168	160
21	Verizon	Commscope	JAHH-65B-R3B	700/800/1900/2100	270	32168	160
22	Verizon	Commscope	JAHH-65B-R3B	700/800/1900/2100	000	32168	160
23	Verizon	Commscope	JAHH-65B-R3B	700/800/1900/2100	150	32168	160
24	Verizon	Commscope	JAHH-65B-R3B	700/800/1900/2100	270	32168	160

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Appendix 2.2 Antenna Inventory

310972 Waterford Rebuild CT							
Antenna Inventory							
Antenna #	Carrier	Antenna Manufacturer	Antenna Model	Frequency Band (MHz)	Azmiuth (°)	Effective Radiated Power (W)	Radiation Center (ft)
25	AT&T	Ericsson	Air 6449	3700/3800/3900	028	24400	155
26	AT&T	Ericsson	Air 6449	3700/3800/3900	144	24400	155
27	AT&T	Ericsson	Air 6449	3700/3800/3900	244	24400	155
28	AT&T	Quintel	QD6616-7	1900/2100	028	21545	153
29	AT&T	Quintel	QD6616-7	1900/2100	144	21545	153
30	AT&T	Quintel	QD6616-7	1900/2100	244	21545	153
31	AT&T	Scala	80010965	700/2100	028	10917	153
32	AT&T	Scala	80010965	700/2100	144	10917	153
33	AT&T	Scala	80010965	700/2100	244	10917	153
34	AT&T	Ericsson	Air 6419	3700/3800/3900	028	24400	151
35	AT&T	Ericsson	Air 6419	3700/3800/3900	144	24400	151
36	AT&T	Ericsson	Air 6419	3700/3800/3900	244	24400	151
37	T-Mobile	Ericsson	Air 6449	2500/2600	060	20136	130
38	T-Mobile	Ericsson	Air 6449	2500/2600	190	20136	130
39	T-Mobile	Ericsson	Air 6449	2500/2600	300	20136	130
40	T-Mobile	RFS	APX16DWV	600/700/1900/2100	060	106517	130
41	T-Mobile	RFS	APX16DWV	600/700/1900/2100	190	106517	130
42	T-Mobile	RFS	APX16DWV	600/700/1900/2100	300	6839	130
43	T-Mobile	RFS	APXVAARR24	2100	060	10543	130
44	T-Mobile	RFS	APXVAARR24	2100	190	10543	130
45	T-Mobile	RFS	APXVAARR24	2100	300	10543	130

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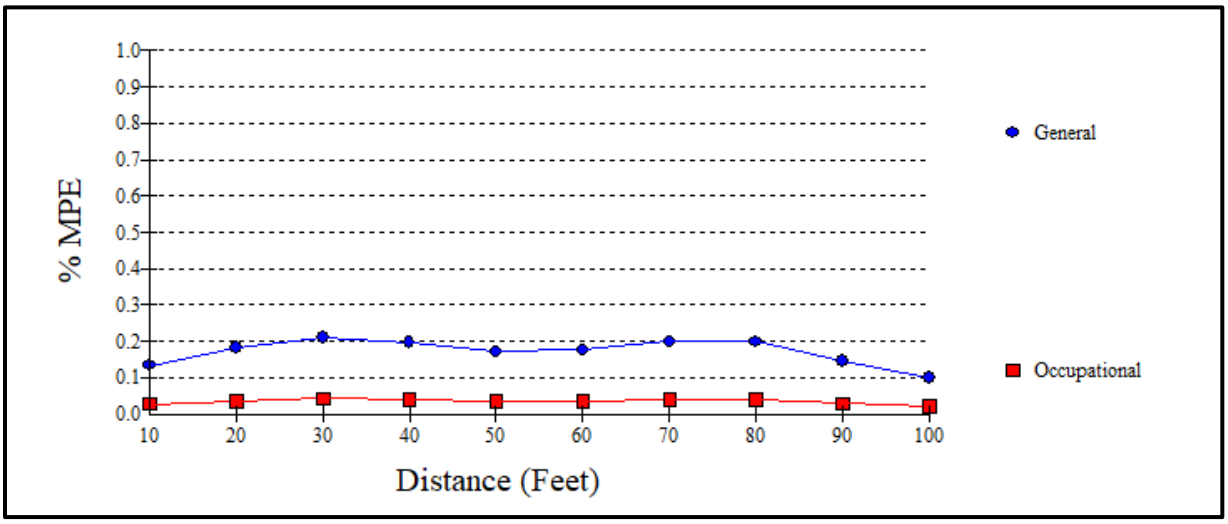
Appendix 3.1 MPE Limit Study



Maximum Power Density (@30'):	0.0013 mW/cm²
General Population MPE (@30'):	0.2113%
Occupational MPE (@30'):	0.0423%

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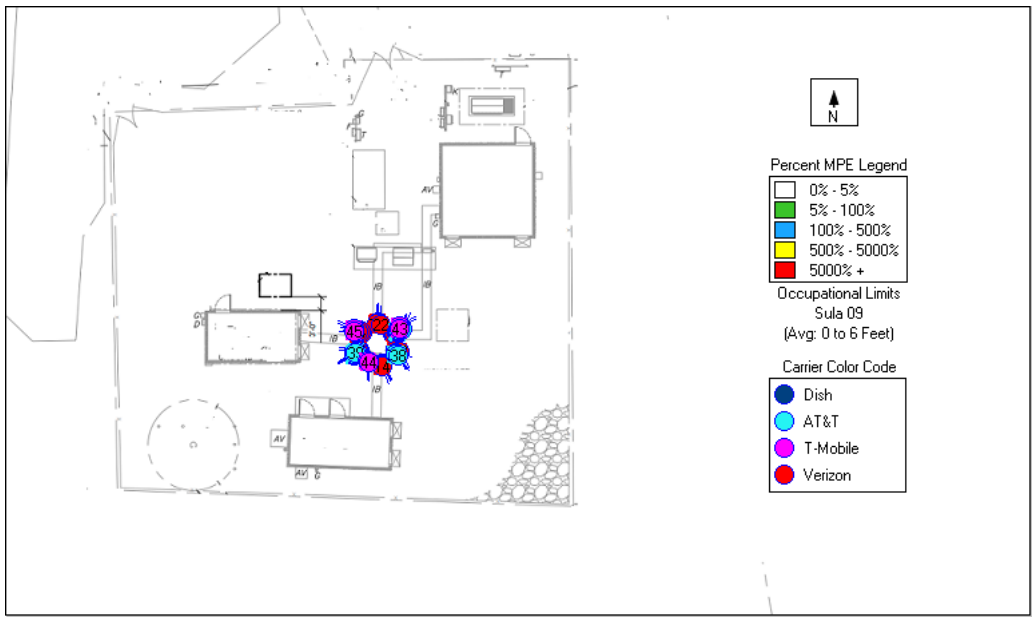
Appendix 3.2 MPE Limit Study



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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.

DOCKET NO. 67

AN APPLICATION OF THE SOUTHERN NEW ENGLAND TELEPHONE COMPANY FOR A CERTIFICATE OF ENVIRONMENTAL COMPATIBILITY AND PUBLIC NEED FOR THE CONSTRUCTION, MAINTENANCE, AND OPERATION OF FACILITIES TO PROVIDE CELLULAR SERVICE IN THE TOWNS OF EAST LYME AND WATERFORD, CONNECTICUT.	:	CONNECTICUT SITING COUNCIL December 22, 1986

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

Pursuant to the foregoing Opinion, the Council hereby directs that a Certificate of Environmental Compatibility and Public Need (Certificate) as provided by section 16-50k of the General Statutes of Connecticut (CGS) be issued to the Southern New England Telephone Company for the construction, operation, and maintenance of telecommunications towers and associated equipment buildings to provide cellular mobile telephone service at Scott Road, East Lyme, and the Town of Waterford landfill, Waterford.

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

1. The towers, including antennas, shall be no taller than necessary to provide the proposed service, and in no event shall exceed
   a) 167 feet at the East Lyme site, and
   b) 167 feet at the Waterford site.
2. A fence not lower than eight feet shall surround each tower and its associated equipment building.
3. Unless necessary to comply with condition number four, below, no lights shall be installed on these towers.
4. The facilities shall be constructed in accordance with all applicable federal, state, and municipal laws and regulations.

5. The certificate holder shall submit a Development and Management Plan (D&M plan) for the tower sites pursuant to sections 16-50j-75 through section 16-50j-77 of the Regulations of State Agencies, except that irrelevant items in section 16-50j-76 need only be identified as such. The D&M plan shall provide plans for evergreen screening around the fenced perimeter of the Waterford tower site. As stated in section 16-50j-75(d), the D&M plan must be approved by the Council prior to facility construction. Any changes in the D&M plan must be approved by the Council prior to facility operation.

6. No construction activities shall take place outside the hours of 7:00 A.M. to 7:00 P.M., Monday through Saturday.

7. The applicant or its successor shall notify the Council if and when directional antennas or any equipment other than that listed in the D&M plan is added to these facilities.

8. The applicant or its successor shall permit, in accordance with representations made by it during the proceeding, public or private entities to share space on the tower, for due consideration received, or shall provide any requesting entity with specific legal, technical, environmental, or economic reasons precluding such tower sharing.

9. If the towers do not provide or permanently cease to provide cellular service following completion of construction, this Decision and Order shall be void and the towers and all associated equipment shall be dismantled and removed or reapplication for any new use shall be made to the Council before any such new use is made.

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

11. The certificate holder shall measure and report to the Council the radio frequency power density levels at these sites in accordance with Federal Communications Commission-specified guidelines as set forth in the Office of Science and Technology Bulletin No. 65, October, 1985, within six months of completion of construction.

Pursuant to CGS section 16-50p, we hereby direct that a copy of the Decision and Order be served on each person listed below. A notice of the issuance shall be published in the New London Day and the Niantic News.

The parties to the proceeding are:

Southern New England Telephone Company (Applicant)
227 Church Street - Room 1021
New Haven, Connecticut 06506

ATTN: Peter J. Tyrrell (its representative)
Senior Attorney
(203) 771-7381

Metro Mobile CTS of Hartford, Inc. represented by:

Mr. Howard L. Slater
Byrne, Slater, Sandler,
Shulman & Rouse, P.C.
330 Main Street
Post Office Box 3216
Hartford, Connecticut 06103

Waterford Planning & Zoning Commission

represented by:

Mr. Thomas V. Wagner
Town Planner
Town of Waterford
Waterford Planning &
Zoning Commission
15 Rope Ferry Road
Waterford, Connecticut 06385-2886

GEM Cellular

represented by:

Mr. George E. Murray
GEM Cellular
1809 Parkside Drive, N.W.
Washington, D.C. 20012

C E R T I F I C A T I O N

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

Dated at New Britain, Connecticut, this 22th day of December, 1986.

Council Members	Vote Cast
Gloria Dibble Pond Chairperson	Yes
Commissioner John Downey Designee: Commissioner Peter Boucher	Yes
Commissioner Stanley Pac Designee: Christopher Cooper	Absent
Owen L. Clark	Yes
Mortimer A. Gelston	Yes
James G. Horsfall	Yes
Pamela B. Katz	Yes
William H. Smith	Yes
Colin C. Tait	Absent

STATE OF CONNECTICUT)
: ss. New Britain, December 22, 1986
COUNTY OF HARTFORD)

I hereby certify that the foregoing is a true and correct copy of the decision and order issued by the Connecticut Siting Council, State of Connecticut.

ATTEST:

John C. Kelly
Executive Director
Connecticut Siting Council

EXHIBIT 7

From: UPS
To: Barbara Kassabian
Subject: UPS Delivery Notification, Tracking Number 1Z9Y45030320064434
Date: Tuesday, September 19, 2023 9:50:10 AM

Hello, your package has been delivered.

Delivery Date: Tuesday, 09/19/2023
Delivery Time: 9:49 AM
Signed by: LONG

CENTERLINE SITE ACQUISITION

Tracking Number:	1Z9Y45030320064434
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:	14519689

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From: UPS
To: Barbara Kassabian
Subject: UPS Delivery Notification, Tracking Number 1Z9Y45030335486219
Date: Tuesday, September 19, 2023 10:03:03 AM

Hello, your package has been delivered.

Delivery Date: Tuesday, 09/19/2023
Delivery Time: 10:01 AM
Signed by: CELLOTTO

CENTERLINE SITE ACQUISITION

Tracking Number:	1Z9Y45030335486219
Ship To:	ROBERT BRULE 15 ROPE FERRY RD WATERFORD TOWNHALL WATERFORD, CT 063852806 US
Number of Packages:	1
UPS Service:	UPS Ground
Package Weight:	1.0 LBS
Reference Number:	14519689

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From: UPS
To: Barbara Kassabian
Subject: UPS Delivery Notification, Tracking Number 1Z9Y45030327578822
Date: Tuesday, September 19, 2023 10:10:10 AM

Hello, your package has been delivered.

Delivery Date: Tuesday, 09/19/2023
Delivery Time: 10:08 AM
Signed by: DAWN

CENTERLINE SITE ACQUISITION

Tracking Number:	1Z9Y45030327578822
Ship To:	PLANNING DEPARTMENT WATERFORD TOWNHALL 15 ROPE FERRY ROAD WATERFORD, CT 063852806 US
Number of Packages:	1
UPS Service:	UPS Ground
Package Weight:	1.0 LBS
Reference Number:	14519689

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